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Manuscript Title: Comparative Multidimensional Molecular Analyses of Pediatric Diffuse Intrinsic Pontine Glioma Reveals Distinct Molecular Subtypes
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Probeset ID	UCSC_REFGENE_NAME	p-value (Subgroup)	p-value (1 vs. 2)	Ratio (1 vs. 2)	Fold-Change (1 vs. 2)	Fold-Change (1 vs. 2) (Description)	F (Subgroup)	SS (Subgroup)	SS (Error)	F (Error)
cg00007987	ZNF581	0.00013265	5.57E-05	3.29E-05	-30359.9	1 down vs 2	55.8239	348.787	18.744	1
cg00012036	H3F3B	1.39E-07	1.59E-07	4.83763	4.83763	1 up vs 2	576.162	11.4162	0.0594427	1
cg00049894	NOM1	1.65E-05	6.43E-06	0.176644	-5.66112	1 down vs 2	114.798	9.60097	0.250902	1
cg00088227	GCC1	5.57E-06	4.24E-06	7.2954	7.2954	1 up vs 2	166.264	15.8525	0.286036	1
cg00102714	CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46	0.00024972	8.22E-05	6.56154	6.56154	1 up vs 2	44.6401	10.6264	0.714139	1
cg00112091	TEAD1;TEAD1	2.82E-05	4.27E-05	0.191176	-5.23079	1 down vs 2	95.6063	13.9894	0.438968	1
cg00213643	SPG7	7.99E-05	2.79E-05	0.24144	-4.14181	1 down vs 2	66.64	6.20087	0.279151	1
cg00241218	HLA-B	1.06E-05	4.26E-06	0.118249	-8.45673	1 down vs 2	133.745	14.7362	0.330542	1
cg00281273	LPCAT1	0.00013946	0.0001026	3.07E-08	-3.26E+07	1 down vs 2	54.8504	1194.1	65.3106	1
cg00446722	SDC2	9.46E-05	4.61E-05	6.52122	6.52122	1 up vs 2	62.8465	12.128	0.578934	1
cg00477226	BTLA;BTLA	7.17E-06	7.01E-06	5.93201	5.93201	1 up vs 2	152.591	13.8632	0.272555	1
cg00522328	ABCF1;ABCF1	2.59E-05	3.11E-05	0.158783	-6.2979	1 down vs 2	98.34	15.9432	0.486369	1
cg00549758	C20orf185	4.07E-05	1.99E-05	5.01598	5.01598	1 up vs 2	84.1804	8.97938	0.320005	1
cg00629217	LNX1;LNX1	0.00018684	9.81E-05	6.14119	6.14119	1 up vs 2	49.4766	11.6689	0.707542	1
cg00761861	VTI1B	0.00010581	3.98E-05	8.70E-09	-1.15E+08	1 down vs 2	94.8029	620.427	16.361	1
cg00806253	GABBR1;GABBR1;GABBR1	0.00017365	7.40E-05	0.0746362	-13.3983	1 down vs 2	50.7726	22.161	1.30943	1
cg00832635	ZNF492	0.00027331	9.25E-05	0.00027625	-3619.93	1 down vs 2	43.2275	203.575	14.1281	1
cg00847309	SNORD88A;C19orf48;C19orf48;SNORD88B	2.30E-06	2.74E-06	0.193526	-5.16726	1 down vs 2	224.22	12.5876	0.168419	1
cg00860570	PTCD3;POLR1A;PTCD3	5.15E-05	3.18E-05	4.51864	4.51864	1 up vs 2	77.6193	8.51985	0.329294	1
cg00882130	INO80D	4.63E-05	1.71E-05	0.157229	-6.36013	1 down vs 2	80.5419	10.7388	0.399996	1
cg00907884	HGFAC	2.81E-07	3.54E-07	4.58898	4.58898	1 up vs 2	455.05	11.0149	0.0726178	1
cg00920422	TBCD;ZNF750	0.00012345	5.52E-05	0.111403	-8.97639	1 down vs 2	57.2499	16.1263	0.84505	1
cg00922748	NRIP2	1.36E-05	1.64E-05	0.178229	-5.61076	1 down vs 2	122.808	14.0089	0.342214	1
cg00949446	CPN2	7.05E-06	7.92E-06	0.182436	-5.48138	1 down vs 2	153.491	13.2728	0.259417	1
cg00960781	TMEM26	7.38E-06	7.92E-06	8.33408	8.33408	1 up vs 2	151.071	20.2921	0.402965	1
cg00996051	HSPC159	3.16E-06	1.50E-06	0.152942	-6.53843	1 down vs 2	201.457	12.0661	0.179683	1
cg01053349	TGIF2LY	0.00019917	8.51E-05	8.43E-05	-11866.4	1 down vs 2	48.3705	289.845	17.9766	1
cg01060358	RNASEH2B;RNASEH2B	2.14E-06	8.90E-07	0.198035	-5.04961	1 down vs 2	229.796	8.57085	0.111893	1
cg01099580	MINPP1	0.00011017	4.74E-05	6.09496	6.09496	1 up vs 2	59.5794	10.7894	0.543279	1
cg01108230	ELAC2;ELAC2;ELAC2	5.77E-06	2.35E-06	1.87E-16	-5.36E+15	1 down vs 2	830.294	2276.93	5.48463	1
cg01200965	HK2	3.50E-05	2.64E-05	0.109153	-9.16147	1 down vs 2	88.6734	19.6722	0.665549	1
cg01207176	MGAT3;MGAT3;MGAT3	9.15E-05	4.25E-05	0.0068388	-146.225	1 down vs 2	63.5818	84.305	3.97779	1
cg01209943	CDKN3;CDKN3	0.00022117	7.21E-05	6.64418	6.64418	1 up vs 2	46.6072	10.7339	0.69092	1
cg01254977	HLCS	1.47E-05	1.82E-05	6.7314	6.7314	1 up vs 2	119.598	17.2815	0.433489	1
cg01272081	TOPORS	4.66E-06	7.24E-06	0.211965	-4.71776	1 down vs 2	176.546	12.3106	0.209191	1
cg01286950	AFF3;AFF3	4.91E-07	8.41E-07	0.189408	-5.27961	1 down vs 2	377.301	14.5775	0.115909	1
cg01287600	CCT4	1.85E-05	1.85E-05	5.97431	5.97431	1 up vs 2	110.483	14.1129	0.383214	1
cg01293277	CLEC12A;CLEC12A	3.49E-07	2.11E-07	7.03064	7.03064	1 up vs 2	423.267	14.1126	0.100026	1
cg01333788	GJB5	0.0001161	6.57E-05	0.0907609	-11.018	1 down vs 2	58.4963	20.9408	1.07396	1
cg01340314	ARL8A	3.97E-05	1.80E-05	5.13551	5.13551	1 up vs 2	84.9435	9.01096	0.318246	1
cg01348442	CACNA2D3	8.65E-05	3.86E-05	0.121356	-8.24023	1 down vs 2	64.8415	14.8785	0.688381	1
cg01380747	EEFSEC	8.42E-05	3.74E-05	0.192951	-5.18266	1 down vs 2	65.4385	9.03969	0.414421	1
cg01383997	CHCHD6	6.95E-06	2.69E-06	0.16952	-5.89901	1 down vs 2	154.189	10.0442	0.195425	1
cg01411142	INTS10	2.71E-06	1.05E-06	78.3575	78.3575	1 up vs 2	1213.46	32.2043	0.0530786	1
cg01466967	DEPDC1B;DEPDC1B	7.52E-08	3.20E-08	5.22208	5.22208	1 up vs 2	707.706	8.99916	0.0381479	1
cg01485948	MNT	2.37E-05	8.55E-06	5.80939	5.80939	1 up vs 2	101.511	9.63732	0.284817	1
cg01487542	CMAH;CMAH	6.85E-05	2.75E-05	7.5776	7.5776	1 up vs 2	113.281	13.0088	0.287092	1
cg01520956	FAM47E	7.46E-05	6.29E-05	0.135689	-7.36981	1 down vs 2	68.2523	16.6688	0.732672	1
cg01528063	MIDN	6.15E-07	6.49E-07	5.92186	5.92186	1 up vs 2	349.765	14.1491	0.121359	1
cg01554453	ENPP1	2.25E-06	2.94E-06	0.199837	-5.00407	1 down vs 2	226.09	12.4914	0.165748	1
cg01561856	KIAA1244	0.00013092	5.20E-05	0.0897835	-11.1379	1 down vs 2	56.0812	18.6634	0.998378	1
cg01621090	DNAH17	7.88E-05	3.43E-05	0.0170502	-58.6504	1 down vs 2	66.9779	54.9799	2.4626	1
cg01653419	HIPK2;HIPK2	9.35E-05	5.46E-05	0.16074	-6.22123	1 down vs 2	63.0924	12.2812	0.583963	1

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cg01655703	PTPN11	0.00017985	5.85E-05	8.12838	8.12838	1 up vs 2	50.1475	13.1429	0.786253	1
cg01719979	USF1;USF1	2.44E-05	9.27E-06	5.81124	5.81124	1 up vs 2	100.435	9.80935	0.293007	1
cg01736252	TTC4;TTC4	4.88E-07	2.06E-07	4.90787	4.90787	1 up vs 2	378.147	8.32427	0.0660399	1
cg01858229	CORO1C	9.83E-05	7.80E-05	0.155342	-6.43742	1 down vs 2	97.7315	13.5879	0.347582	1
cg01963061	FUT8;FUT8;FUT8;FUT8;FUT8;FUT8;LOC645431	6.14E-05	2.70E-05	0.160652	-6.22464	1 down vs 2	73.0333	11.1333	0.457323	1
cg01979287	MRPL38	7.88E-05	3.02E-05	0.159963	-6.25145	1 down vs 2	66.9817	10.661	0.477488	1
cg01987347	ANKRD10	9.32E-05	6.42E-05	0.0748148	-13.3663	1 down vs 2	63.1687	26.1809	1.24338	1
cg01999479	RPUSD4;RPUSD4;FAM118B	1.94E-06	2.19E-06	0.00325466	-307.252	1 down vs 2	478.834	92.0296	0.480488	1
cg02010478	TMEM151A	4.28E-06	2.06E-06	4.4407	4.4407	1 up vs 2	181.743	7.63338	0.126003	1
cg02033116	GPATCH1;GPATCH1	9.38E-08	3.72E-08	4.98534	4.98534	1 up vs 2	657.303	8.30361	0.0378985	1
cg02041435	CARKD	3.44E-05	4.05E-05	6.62504	6.62504	1 up vs 2	89.2774	16.7522	0.562928	1
cg02059996	ABHD5	9.50E-05	4.25E-05	0.128203	-7.80014	1 down vs 2	62.7455	14.1252	0.675357	1
cg02099548	PL-5283	1.51E-06	5.78E-07	5.14573	5.14573	1 up vs 2	258.603	8.53495	0.0990122	1
cg02204578	CHCHD3	2.38E-06	1.78E-06	0.143163	-6.98507	1 down vs 2	221.652	15.059	0.20382	1
cg02239805	MDFIC;MDFIC;MDFIC;MDFIC;MDFIC;MDFIC	8.12E-06	2.93E-06	5.03844	5.03844	1 up vs 2	146.287	8.1482	0.167101	1
cg02262622	EML1;EML1	3.75E-05	3.08E-05	0.138689	-7.21037	1 down vs 2	86.6348	16.1323	0.558632	1
cg02281178	PIK3R3;PIK3R3	3.11E-05	1.19E-05	5.58284	5.58284	1 up vs 2	92.3649	9.39711	0.305217	1
cg02308245	COX4NB;COX4NB;COX4I1;COX4NB;COX4NB	0.00015556	6.26E-05	0.160339	-6.23678	1 down vs 2	52.7814	10.8065	0.614222	1
cg02318282	VCAN;VCAN;VCAN;VCAN	9.43E-05	3.46E-05	0.168667	-5.92885	1 down vs 2	62.9097	9.89646	0.471936	1
cg02374996	GADD45G	1.36E-05	5.41E-06	9.67082	9.67082	1 up vs 2	122.701	16.5686	0.405096	1
cg02387744	DENND3	2.70E-07	2.69E-07	0.173921	-5.74974	1 down vs 2	460.997	13.4149	0.0872992	1
cg02388783	ZNF687	4.90E-08	1.94E-08	0.174402	-5.73387	1 down vs 2	816.628	9.81007	0.0360387	1
cg02390715	KCNH4	1.40E-05	5.34E-06	0.18743	-5.33534	1 down vs 2	121.449	8.8945	0.21971	1
cg02435232	CCNG2;CCNG2	5.88E-05	4.34E-05	0.131738	-7.59085	1 down vs 2	74.1479	16.3717	0.662396	1
cg02486078	ZSWIM6	2.87E-05	1.07E-05	6.33092	6.33092	1 up vs 2	94.9633	10.7014	0.338068	1
cg02502849	CLASP1;CLASP1;CLASP1;RNU4ATAC	0.00022102	8.14E-05	0.135111	-7.40133	1 down vs 2	69.9718	12.2539	0.437817	1
cg02624704	PRDX6	5.29E-06	4.74E-06	0.126246	-7.92103	1 down vs 2	169.203	18.1787	0.322312	1
cg02629313	CRIM1	7.29E-08	8.91E-08	0.202782	-4.9314	1 down vs 2	715.061	11.9432	0.0501071	1
cg02642829	RASA3	2.08E-05	8.29E-06	0.0710705	-14.0705	1 down vs 2	106.153	22.52	0.636441	1
cg02642914	CADM1;CADM1	2.93E-07	4.03E-07	4.97353	4.97353	1 up vs 2	448.913	12.585	0.084103	1
cg02644610	FAM107B	5.04E-05	1.82E-05	5.94534	5.94534	1 up vs 2	78.2067	9.88857	0.379325	1
cg02646394	FLJ40330	2.06E-06	1.94E-06	0.150185	-6.65845	1 down vs 2	232.667	15.4705	0.199476	1
cg02651638	FYTTD1;KIAA0226;KIAA0226;FYTTD1;FYTTD1	1.24E-06	7.36E-07	0.106612	-9.37979	1 down vs 2	276.366	18.4763	0.200563	1
cg02665154	RCBTB1	1.47E-05	5.98E-06	0.144853	-6.90355	1 down vs 2	211.914	11.1322	0.13133	1
cg02680732	MUC5B	9.98E-06	4.74E-06	0.0263819	-37.9048	1 down vs 2	136.338	45.1777	0.994094	1
cg02704552	SERPINE1;SERPINE1	0.00023483	9.92E-05	0.135509	-7.37959	1 down vs 2	45.6261	13.1016	0.861452	1
cg02707799	MYST3;MYST3;MYST3	2.72E-05	2.03E-05	11.8344	11.8344	1 up vs 2	96.8117	24.3917	0.755849	1
cg02718078	ARHGEF4;ARHGEF4	1.29E-05	1.85E-05	0.0455939	-21.9327	1 down vs 2	125.068	47.661	1.14324	1
cg02758155	GMNN	7.41E-09	9.56E-09	0.191455	-5.22316	1 down vs 2	1535.62	13.0442	0.0254832	1
cg02792794	ACACB	1.71E-07	6.89E-08	4.779	4.779	1 up vs 2	537.477	7.91699	0.0441897	1
cg02793400	DNAJB12;DNAJB12	9.33E-06	4.39E-06	4.96011	4.96011	1 up vs 2	254.496	8.10643	0.0796322	1
cg02866454	SFMBT2	0.00026047	9.49E-05	5.56903	5.56903	1 up vs 2	43.9755	9.17668	0.626031	1
cg02890102	ANTXR2;ANTXR2;ANTXR2;ANTXR2	2.47E-05	8.75E-06	6.706	6.706	1 up vs 2	99.9592	11.193	0.335926	1
cg02903822	WISP1;WISP1;WISP1;WISP1	1.15E-05	2.36E-05	0.0108555	-92.1189	1 down vs 2	130.045	115.701	2.66908	1
cg02933478	RRAS2;RRAS2;RRAS2	5.34E-05	2.14E-05	0.105745	-9.45669	1 down vs 2	76.6602	16.2664	0.636566	1
cg02938179	BOD1;BOD1	7.36E-05	5.51E-05	0.115657	-8.64627	1 down vs 2	68.5778	18.6476	0.815759	1
cg02951021	DYNLL1;DYNLL1;DYNLL1	5.21E-06	2.54E-06	4.87757	4.87757	1 up vs 2	170.068	8.65962	0.152755	1
cg03001415	RERE;RERE	9.36E-06	5.75E-06	0.0955131	-10.4698	1 down vs 2	139.347	20.5854	0.443184	1
cg03020545	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.00015427	8.31E-05	6.39007	6.39007	1 up vs 2	52.9369	12.2937	0.696697	1
cg03026420	SORD	0.0002002	8.64E-05	1.87E-16	-5.34E+15	1 down vs 2	72.8978	2499.21	85.7094	1
cg03064968	ABCD3;ABCD3	6.19E-05	2.45E-05	5.34369	5.34369	1 up vs 2	118.076	5.17341	0.109536	1
cg03065383	KCNIP3;KCNIP3	2.80E-05	1.09E-05	5.66E-09	-1.77E+08	1 down vs 2	163.149	660.146	10.1157	1
cg03092482	TBC1D16	3.04E-05	1.69E-05	0.0295004	-33.8978	1 down vs 2	93.1149	44.8443	1.44481	1
cg03214715	ARHGAP9;ARHGAP9;ARHGAP9	1.08E-06	3.59E-06	0.0273343	-36.5841	1 down vs 2	289.254	85.5193	0.886965	1
cg03226752	NUBP2	3.46E-05	1.23E-05	0.0373932	-26.7428	1 down vs 2	89.0852	33.403	1.12487	1
cg03242101	C16orf70	1.76E-05	6.20E-06	0.112744	-8.86966	1 down vs 2	112.316	14.7077	0.392849	1
cg03249995	COX4NB;COX4NB	0.00011928	6.39E-05	0.188033	-5.31821	1 down vs 2	57.9448	9.96262	0.515799	1
cg03308469	RGNEF	7.20E-06	4.37E-06	7.14033	7.14033	1 up vs 2	152.331	14.3609	0.282823	1
cg03331258	KIF2C;KIF2C	5.90E-05	2.39E-05	1.52E-16	-6.57E+15	1 down vs 2	258.371	2388.54	18.4892	1
cg03339717	PTPRN2;PTPRN2;PTPRN2	1.17E-05	4.92E-06	0.0722559	-13.8397	1 down vs 2	129.235	22.6576	0.525964	1
cg03352322	PPP2R1A	1.33E-05	1.45E-05	0.166957	-5.98955	1 down vs 2	123.72	14.5812	0.353569	1
cg03358887	C6orf72	1.66E-05	5.94E-06	0.0680541	-14.6942	1 down vs 2	114.641	22.4238	0.586803	1
cg03433560	TOP2B	1.80E-06	1.47E-06	0.147093	-6.79843	1 down vs 2	243.55	15.0829	0.185788	1

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cg03479974	ANKRD16;FBXO18;ANKRD16;ANKRD16	9.36E-07	9.43E-07	0.176947	-5.65141	1 down vs 2	303.74	13.2162	0.130534	1
cg03492747	FOXF1	1.99E-06	5.00E-06	5.23198	5.23198	1 up vs 2	235.709	16.4805	0.209756	1
cg03550506	DEPDC5;DEPDC5;DEPDC5	3.89E-07	1.61E-07	5.91325	5.91325	1 up vs 2	408.022	10.3146	0.0758382	1
cg03553358	SOCS1	1.63E-06	6.19E-07	5.01201	5.01201	1 up vs 2	252.094	8.24069	0.0980668	1
cg03575501	CDKN1A;CDKN1A	7.11E-05	4.02E-05	0.00235389	-424.828	1 down vs 2	69.4036	133.07	5.75202	1
cg03639864	SLC8A1;SLC8A1;SLC8A1;SLC8A1	9.91E-05	4.69E-05	5.07822	5.07822	1 up vs 2	61.8265	9.0184	0.437599	1
cg03672066	C1QTNF7;C1QTNF7;C1QTNF7	0.00019718	9.14E-05	0.123184	-8.11795	1 down vs 2	48.5425	14.864	0.918616	1
cg03673916	UBE2J1	2.60E-09	1.02E-09	4.53892	4.53892	1 up vs 2	2177.56	7.33324	0.0101029	1
cg03693911	PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B;PPP2R2B	5.23E-10	6.47E-10	4.4301	4.4301	1 up vs 2	3719.99	10.4224	0.0084052	1
cg03756514	MCL1;MCL1	2.53E-06	6.17E-06	0.134798	-7.41853	1 down vs 2	431.007	15.4191	0.0894364	1
cg03776775	MRPL23	0.0001796	6.63E-05	0.13035	-7.67167	1 down vs 2	50.1724	12.9915	0.776811	1
cg03780486	OR6A2	0.00022497	9.49E-05	0.0216766	-46.1328	1 down vs 2	46.3263	48.1246	3.11646	1
cg03801128	MON1B	1.55E-05	8.52E-06	0.136697	-7.31546	1 down vs 2	207.503	14.2995	0.17228	1
cg03874026	HEXIM2	2.30E-06	3.35E-06	0.20694	-4.83233	1 down vs 2	224.42	12.4044	0.165819	1
cg03993926	KBTBD3;KBTBD3;AASDHPPT;KBTBD3;KBTBD3;AASDHPPT	2.66E-06	1.57E-06	4.91802	4.91802	1 up vs 2	213.496	9.33532	0.131178	1
cg04000159	ATP6V1H;ATP6V1H;ATP6V1H;ATP6V1H;ATP6V1H	1.82E-06	1.28E-06	0.144223	-6.93372	1 down vs 2	242.524	14.6263	0.180925	1
cg04049556	MPHOSPH10;MPHOSPH10;MCEE	4.54E-06	5.12E-06	0.203869	-4.9051	1 down vs 2	178.166	11.5984	0.195295	1
cg04140614	FAHD2A	1.15E-06	1.44E-06	4.88814	4.88814	1 up vs 2	283.419	11.949	0.126481	1
cg04169912	MAG;MAG	0.00022401	7.26E-05	0.0125634	-79.5965	1 down vs 2	46.397	57.2215	3.69991	1
cg04200835	VKORC1;VKORC1	0.00019378	7.36E-05	4.32E-08	-2.31E+07	1 down vs 2	73.887	519.89	17.5907	1
cg04251208	NFIC;NFIC	2.58E-05	1.12E-05	0.185632	-5.387	1 down vs 2	98.53	9.40082	0.286232	1
cg04276099	PTPRN2;PTPRN2;PTPRN2	7.50E-05	2.70E-05	0.147971	-6.75809	1 down vs 2	68.1531	11.3382	0.499091	1
cg04279588	ZFP36L2;LOC100129726	3.40E-05	1.52E-05	1.20E-25	-8.34E+24	1 down vs 2	340.937	5973.02	35.0388	1
cg04370088	INPP4A;INPP4A;INPP4A;INPP4A	0.00010661	4.43E-05	0.193236	-5.17501	1 down vs 2	60.2682	8.81643	0.43886	1
cg04424800	RRAS	1.74E-06	6.76E-07	5.45477	5.45477	1 up vs 2	246.345	9.19278	0.11195	1
cg04481722	DGCR6	9.10E-06	8.40E-06	0.176416	-5.66843	1 down vs 2	140.697	12.9105	0.275283	1
cg04509221	PRDM16;PRDM16	3.09E-05	1.66E-05	0.0154755	-64.6181	1 down vs 2	92.5531	61.8977	2.00634	1
cg04555116	ZNF37A;ZNF37A	1.74E-06	7.06E-07	9.84E-16	-1.02E+15	1 down vs 2	500.253	2220.97	11.0993	1
cg04579203	LOC339524;LOC339524;LOC339524;LOC339524;LOC339524	8.23E-06	7.80E-06	6.64228	6.64228	1 up vs 2	145.608	15.5142	0.319644	1
cg04617755	DPP10;DPP10	1.64E-05	2.08E-05	0.163119	-6.13048	1 down vs 2	115.038	15.7386	0.410437	1
cg04665139	PIGA;PIGA	3.64E-05	1.43E-05	7.69451	7.69451	1 up vs 2	146.6	13.0917	0.223255	1
cg04750100	LCT	5.93E-05	5.69E-05	11.3961	11.3961	1 up vs 2	73.9277	25.8632	1.04953	1
cg04901763	CAB39;CAB39;CAB39;CAB39	0.00013231	4.36E-05	0.125373	-7.97619	1 down vs 2	55.8736	12.9685	0.696311	1
cg04913913	CCHCR1;CCHCR1;TCF19;TCF19;CCHCR1	5.05E-07	2.37E-07	5.19111	5.19111	1 up vs 2	373.786	9.2414	0.0741713	1
cg04918900	PPIE;PPIE;PPIE	7.86E-07	2.88E-07	8.21E+35	8.21E+35	1 up vs 2	688.831	12216.5	44.338	1
cg04954090	HIGD1A;HIGD1A;HIGD1A	0.00023961	0.0001057	6.27105	6.27105	1 up vs 2	45.3006	11.2265	0.743465	1
cg04959078	TUBB4	2.87E-05	1.75E-05	4.86111	4.86111	1 up vs 2	161.593	8.78477	0.135909	1
cg04964471	ZNF385A;ZNF385A;ZNF385A	3.00E-06	3.54E-06	6.36159	6.36159	1 up vs 2	204.924	15.9255	0.233143	1
cg04996277	KCNN2	5.83E-05	3.80E-05	0.153262	-6.52478	1 down vs 2	995.744	9.73542	0.0146656	1
cg05060602	DCTD;DCTD	9.25E-06	1.24E-05	0.164376	-6.0836	1 down vs 2	139.917	15.8798	0.340484	1
cg05114625	CDC27;CDC27	5.04E-08	7.56E-08	0.223719	-4.46989	1 down vs 2	808.969	11.2639	0.0417714	1
cg05121697	CDKN1B	2.40E-06	2.65E-06	5.86977	5.86977	1 up vs 2	221.058	14.256	0.193469	1
cg05139301	KCNV2	8.60E-07	9.14E-07	0.204093	-4.89972	1 down vs 2	312.507	11.3298	0.108764	1
cg05205563	SRGAP1	2.78E-05	3.73E-05	0.187545	-5.33206	1 down vs 2	95.9927	13.713	0.428562	1
cg05212176	GMNN	2.82E-05	3.09E-05	0.128874	-7.75953	1 down vs 2	95.5494	19.1473	0.601174	1
cg05218311	ODZ4	7.84E-07	3.10E-07	0.199118	-5.02215	1 down vs 2	322.297	8.3675	0.0778863	1
cg05251861	ARHGAP27	0.00011689	4.35E-05	0.152155	-6.57223	1 down vs 2	58.3572	11.1261	0.571965	1
cg05267654	IER5	0.00019385	7.11E-05	0.045504	-21.9761	1 down vs 2	73.8748	27.216	0.921018	1
cg05276066	HDGFL1	2.98E-05	3.12E-05	0.170531	-5.86405	1 down vs 2	93.7609	14.0607	0.449891	1
cg05287512	BEGAIN;BEGAIN	1.14E-05	4.77E-06	5.37314	5.37314	1 up vs 2	130.397	9.26317	0.213115	1
cg05300697	BRP44;DCAF6;BRP44;BRP44;DCAF6	1.13E-05	1.17E-05	0.153075	-6.53273	1 down vs 2	130.861	15.7553	0.361191	1
cg05300946	C14orf1	0.00022161	8.83E-05	0.136567	-7.32244	1 down vs 2	46.5745	12.738	0.820494	1
cg05317714	KIFC2	0.00029133	9.52E-05	0.0346349	-28.8726	1 down vs 2	42.2542	33.854	2.4036	1
cg05340803	DSCAM	0.00030927	0.00010674	0.0731129	-13.6775	1 down vs 2	41.3618	20.8799	1.51443	1
cg05379302	PTCHD2	0.00011869	6.66E-05	5.06573	5.06573	1 up vs 2	58.0452	9.54582	0.493365	1
cg05422683	CNTNAP2	1.18E-07	1.50E-07	5.10672	5.10672	1 up vs 2	608.997	12.6597	0.0623634	1
cg05469759	NDRG4;NDRG4;NDRG4	1.42E-05	7.49E-06	4.62822	4.62822	1 up vs 2	120.797	8.31397	0.206478	1
cg05480021	RPN1	1.44E-05	6.20E-06	5.29657	5.29657	1 up vs 2	120.293	9.18942	0.229177	1
cg05492839	ELOVL4	7.19E-05	2.47E-05	0.153658	-6.50797	1 down vs 2	69.1346	10.7245	0.465375	1

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cg05536800	HAND2;NBLA00301	0.00016387	5.85E-05	0.117683	-8.49739	1 down vs 2	51.8221	14.1628	0.819891	1
cg05679507	ART5;ART5;ART5	1.67E-05	1.10E-05	0.114487	-8.7346	1 down vs 2	114.461	17.9521	0.47052	1
cg05708637	PCGF3	3.35E-06	1.51E-06	0.134852	-7.41555	1 down vs 2	197.518	13.4903	0.204898	1
cg05765482	TOM1L1;TOM1L1	3.23E-05	6.10E-05	0.135089	-7.40251	1 down vs 2	91.2395	22.1432	0.728081	1
cg05778709	MMD	4.05E-05	1.50E-05	21.1398	21.1398	1 up vs 2	84.3258	29.2322	1.03997	1
cg05806333	FBXL16	1.24E-06	4.67E-07	0.178364	-5.60652	1 down vs 2	276.197	9.39216	0.102016	1
cg05836725	GINS2	1.44E-06	6.83E-07	0.171	-5.84795	1 down vs 2	262.848	10.6671	0.121749	1
cg05881416	NOTCH4	0.00013908	5.11E-05	0.113995	-8.7723	1 down vs 2	54.9031	14.7371	0.80526	1
cg05915142	ZFPM1	1.93E-05	7.75E-06	0.177808	-5.62404	1 down vs 2	108.787	9.62208	0.265346	1
cg05962826	AGFG1;AGFG1;AGFG1;AGFG1	0.00018921	6.92E-05	7.5661	7.5661	1 up vs 2	49.2569	12.7714	0.777846	1
cg05970021	SLC4A3;SLC4A3	2.76E-05	1.04E-05	0.153948	-6.49571	1 down vs 2	96.2182	11.0681	0.345095	1
cg06068991	NAV2;NAV2;NAV2;NAV2	9.05E-06	2.93E-05	0.192526	-5.1941	1 down vs 2	140.956	17.9448	0.381925	1
cg06094615	C10orf53;C10orf53	5.95E-07	2.68E-07	0.187191	-5.34214	1 down vs 2	353.628	9.42874	0.0799885	1
cg06099188	CYFIP1;CYFIP1	1.42E-06	5.58E-07	0.157478	-6.35011	1 down vs 2	263.731	10.9548	0.124613	1
cg06145909	LOC100133985	8.69E-06	3.40E-06	0.123493	-8.09761	1 down vs 2	142.94	13.9989	0.293807	1
cg06190216	BGN	8.20E-05	3.33E-05	5.49985	5.49985	1 up vs 2	66.0433	9.40886	0.427395	1
cg06193286	C2orf27B	5.77E-08	3.74E-08	5.08859	5.08859	1 up vs 2	773.359	10.0426	0.0389572	1
cg06210215	FOXJ1	6.53E-06	2.91E-06	0.13579	-7.3643	1 down vs 2	157.493	13.3359	0.254028	1
cg06217494	GUCY1B3	3.02E-05	1.16E-05	6.7018	6.7018	1 up vs 2	93.3663	11.5163	0.370037	1
cg06260964	CHST12	3.04E-08	2.83E-08	6.33895	6.33895	1 up vs 2	958.325	14.5962	0.0456928	1
cg06274396	HELT	3.75E-05	5.86E-05	0.176369	-5.66993	1 down vs 2	86.6424	15.576	0.539321	1
cg06287708	MIR548N;PLEKHA3	5.20E-06	2.89E-05	0.0816133	-12.2529	1 down vs 2	170.196	49.8914	0.879423	1
cg06327746	RIC3;RIC3	3.67E-08	1.50E-08	4.87362	4.87362	1 up vs 2	900.154	8.15534	0.0271798	1
cg06395988	MTERFD2;MTERFD2;MTERFD2;MTERFD2	1.32E-09	5.07E-10	5.27031	5.27031	1 up vs 2	2734.55	8.80893	0.009664	1
cg06401851	FUS;FUS;FUS;FUS	1.07E-05	4.21E-06	5.62E-13	-1.78E+12	1 down vs 2	240.779	1462.37	15.1837	1
cg06404838	PAFAH1B2	3.71E-06	1.40E-06	4.83683	4.83683	1 up vs 2	369.296	4.49083	0.0304012	1
cg06413976	METAP1	1.00E-05	3.63E-06	5.12753	5.12753	1 up vs 2	136.117	8.32541	0.18349	1
cg06416026	PPFIBP2	4.62E-06	4.62E-06	0.171556	-5.82899	1 down vs 2	437.583	9.24014	0.105582	1
cg06445348	ILDR2	0.00012754	4.48E-05	0.133168	-7.50932	1 down vs 2	56.5987	12.5052	0.662833	1
cg06471678	HSPA1L;HSPA1A	5.13E-08	1.90E-08	0.211311	-4.73236	1 down vs 2	804.616	7.60918	0.0283707	1
cg06545693	C19orf20	8.52E-05	3.00E-05	6.68701	6.68701	1 up vs 2	65.1871	11.1255	0.51201	1
cg06604102	AACS	3.90E-06	4.79E-06	0.185462	-5.39193	1 down vs 2	187.525	13.4024	0.21441	1
cg06615912	FKBP2;FKBP2;FKBP2;FKBP2	7.82E-05	2.77E-05	0.152494	-6.55764	1 down vs 2	67.1619	10.9216	0.48785	1
cg06631868	TM9SF4;TM9SF4	5.28E-06	2.68E-06	5.4372	5.4372	1 up vs 2	169.282	10.0207	0.177585	1
cg06666377	C9orf123	6.90E-08	2.94E-08	6.78664	6.78664	1 up vs 2	728.516	12.0949	0.0498063	1
cg06666608	KLHL36	3.18E-07	4.85E-05	0.467246	-2.1402	1 down vs 2	436.629	14.126	0.0970576	1
cg06689039	SERPINB5	2.10E-05	1.44E-05	0.197772	-5.05634	1 down vs 2	105.745	10.1799	0.288806	1
cg06704132	FBXO9;FBXO9;FBXO9	2.83E-05	3.35E-05	0.155423	-6.43404	1 down vs 2	95.4984	16.2605	0.51081	1
cg06708198	SLC6A18	6.26E-06	2.88E-06	6.16169	6.16169	1 up vs 2	159.787	11.189	0.210075	1
cg06745957	LIPT2	8.02E-07	8.54E-07	0.197255	-5.06958	1 down vs 2	319.849	11.8233	0.110896	1
cg06845634	PAK2	6.05E-06	2.57E-06	0.214913	-4.65304	1 down vs 2	161.618	7.78533	0.144514	1
cg06893172	HORMAD1	8.23E-07	8.66E-07	0.171871	-5.8183	1 down vs 2	317.153	13.8628	0.13113	1
cg06920740	HRAS;HRAS;HRAS	5.02E-09	6.09E-09	4.23418	4.23418	1 up vs 2	1748.85	9.73847	0.0167055	1
cg06936436	COG1	2.72E-06	4.97E-06	0.197015	-5.07574	1 down vs 2	211.833	14.2486	0.20179	1
cg06949053	LOC148189	1.42E-05	5.85E-06	5.65137	5.65137	1 up vs 2	120.831	9.7642	0.242426	1
cg06953601	TRAM2;TRAM2	9.58E-07	9.71E-07	0.167286	-5.97779	1 down vs 2	301.342	14.1143	0.140514	1
cg06959283	ODZ4	3.89E-05	1.66E-05	5.8004	5.8004	1 up vs 2	85.5124	10.1798	0.357132	1
cg06999379	FOXF1	1.77E-05	1.28E-05	11.6103	11.6103	1 up vs 2	112.044	23.7524	0.635973	1
cg07018026	RNF220	2.01E-05	1.10E-05	0.123453	-8.10026	1 down vs 2	107.332	15.7128	0.439182	1
cg07062476	MTX3;MTX3	4.68E-06	3.68E-06	0.139848	-7.1506	1 down vs 2	176.302	15.7035	0.267215	1
cg07067667	RAD51L1;RAD51L1;RAD51L1	9.52E-06	0.00010262	0.186162	-5.37167	1 down vs 2	138.553	28.4893	0.616862	1
cg07090980	NXN	1.28E-05	4.50E-06	0.00751077	-133.142	1 down vs 2	125.254	73.814	1.76794	1
cg07091781	RXRG;RXRG	7.57E-06	1.25E-05	0.182766	-5.47148	1 down vs 2	149.767	15.131	0.303092	1
cg07153501	MAP1D	3.66E-05	1.34E-05	9.86278	9.86278	1 up vs 2	87.367	16.3879	0.562727	1
cg07170231	RP5-1022P6.2	6.54E-07	6.45E-07	5.6629	5.6629	1 up vs 2	342.636	13.1465	0.115106	1
cg07222133	RNF130	0.00015259	6.39E-05	5.58858	5.58858	1 up vs 2	53.1407	9.68547	0.546782	1
cg07236939	DDO;DDO	0.00010796	6.89E-05	0.00107045	-934.186	1 down vs 2	60.0037	177.379	8.8684	1
cg07249765	SDK1;SDK1	0.00020616	8.62E-05	6.26E+06	6.26E+06	1 up vs 2	47.7834	800.552	50.2613	1
cg07251480	ZNF778	1.05E-05	5.00E-06	0.151562	-6.59796	1 down vs 2	133.896	12.1741	0.272765	1
cg07279963	PTPRG	7.64E-06	2.72E-06	5.53816	5.53816	1 up vs 2	149.3	9.07784	0.182407	1
cg07311521	EGFR;EGFR;EGFR;EGFR	0.00011509	4.19E-05	5.34E-12	-1.87E+11	1 down vs 2	91.5868	1198.27	32.7087	1
cg07341365	SUDS3	7.02E-07	1.29E-06	0.187519	-5.33278	1 down vs 2	334.499	15.0938	0.135371	1
cg07364676	CHEK2;HSCB;CHEK2;CHEK2	3.15E-08	1.17E-08	4.51252	4.51252	1 up vs 2	946.522	7.15511	0.0226781	1
cg07389276	ACACA;ACACA;ACACA	9.18E-07	4.09E-07	5.14592	5.14592	1 up vs 2	305.686	8.98243	0.0881535	1
cg07403865	BCL6	0.00012984	4.21E-05	0.121685	-8.21794	1 down vs 2	56.2446	13.2708	0.707843	1
cg07481097	BOC	1.84E-05	9.80E-06	0.00454279	-220.129	1 down vs 2	110.589	103.434	2.80591	1
cg07522664	C19orf61;C19orf61	1.50E-05	1.50E-05	0.11974	-8.3514	1 down vs 2	271.803	13.3942	0.246396	1
cg07535762	VPS52	8.92E-05	3.01E-05	8.66719	8.66719	1 up vs 2	64.1371	14.1534	0.662021	1
cg07583651	FEN1;C11orf10;MIR611;FEN1	1.05E-05	7.12E-06	0.0002058	-4859	1 down vs 2	242.561	164.937	1.69996	1

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cg07624483	TMEM132A;TMEM132A	6.32E-05	2.34E-05	0.12784	-7.82228	1 down vs 2	72.3251	13.2676	0.550331	1
cg07642638	CHGB	7.41E-07	9.15E-07	4.77497	4.77497	1 up vs 2	328.503	11.5307	0.105302	1
cg07645393	ACAD10;BRAP;BRAP;ACAD10	4.14E-05	1.50E-05	0.197415	-5.06548	1 down vs 2	83.7117	8.19735	0.293771	1
cg07704585	ZNF212	3.11E-06	3.12E-06	5.56576	5.56576	1 up vs 2	202.517	12.9746	0.1922	1
cg07814629	MCRS1	5.47E-05	2.23E-05	1.39E+16	1.39E+16	1 up vs 2	268.465	2499.65	18.6218	1
cg07818869	TRIM3;TRIM3	2.08E-05	7.46E-06	0.160936	-6.21364	1 down vs 2	106.035	10.3602	0.293118	1
cg07862889	C17orf103	3.04E-06	1.41E-06	0.206764	-4.83644	1 down vs 2	204.065	8.42523	0.123861	1
cg07873779	CLIP2;CLIP2	4.47E-06	5.75E-06	0.20686	-4.83419	1 down vs 2	179.103	11.9125	0.199536	1
cg07921625	PCDH17	2.18E-06	8.31E-07	0.192054	-5.20688	1 down vs 2	228.487	8.64641	0.113526	1
cg07936541	ANKRD36B	3.37E-06	1.33E-06	5.36636	5.36636	1 up vs 2	197.15	9.07659	0.138117	1
cg07950158	ERCC2;ERCC2	3.96E-06	1.41E-06	4.92217	4.92217	1 up vs 2	186.611	7.87796	0.126648	1
cg07990395	FGF13;FGF13;FGF13;FGF13;FGF13;FGF13	4.23E-06	1.78E-06	0.104529	-9.56669	1 down vs 2	182.529	16.7291	0.274954	1
cg08032088	C1QC;C1QC	2.72E-06	1.13E-06	0.168016	-5.9518	1 down vs 2	211.914	10.3817	0.14697	1
cg08047417	ZBBX	3.73E-06	1.42E-06	6.81388	6.81388	1 up vs 2	190.466	11.6888	0.184108	1
cg08056423	SCAF1	5.27E-07	7.04E-07	0.189382	-5.28035	1 down vs 2	368.374	13.4029	0.109152	1
cg08169875	LRRTM4	5.26E-06	2.24E-06	9.26527	9.26527	1 up vs 2	169.49	16.3193	0.288855	1
cg08205110	BIK	6.96E-05	2.65E-05	5.94273	5.94273	1 up vs 2	69.9277	10.056	0.431418	1
cg08220649	GPR85;GPR85;GPR85;GPR85	8.96E-07	3.79E-07	4.79975	4.79975	1 up vs 2	308.218	8.09306	0.0787727	1
cg08220793	TSEN2;TSEN2;TSEN2;TSEN2;TSEN2;TSEN2;TSEN2;TSEN2	2.72E-05	1.04E-05	5.31924	5.31924	1 up vs 2	96.8094	8.87272	0.274954	1
cg08233250	OTUD7B	1.16E-05	4.96E-06	7.06633	7.06633	1 up vs 2	129.612	12.6227	0.292165	1
cg08332662	CMBL	9.43E-06	1.87E-05	0.165824	-6.03048	1 down vs 2	138.985	18.0124	0.3888	1
cg08348962	ILDR2	8.17E-05	7.15E-05	0.121346	-8.24089	1 down vs 2	66.1505	18.8428	0.854541	1
cg08366277	NCEH1;NCEH1;NCEH1;NCEH1	2.52E-06	2.82E-06	0.186376	-5.36549	1 down vs 2	217.333	12.8968	0.178023	1
cg08372326	HABP4	1.12E-06	5.32E-07	4.74701	4.74701	1 up vs 2	285.83	8.29235	0.0870344	1
cg08381955	MLLT4;MLLT4;C6orf124;MLLT4	0.00022312	8.45E-05	0.117898	-8.48189	1 down vs 2	46.4627	14.4243	0.931346	1
cg08459087	B2M	7.46E-07	7.04E-07	5.50578	5.50578	1 up vs 2	327.752	12.5366	0.11475	1
cg08468904	RPRD2	7.43E-05	3.38E-05	5.47608	5.47608	1 up vs 2	68.3707	9.74318	0.427516	1
cg08527328	CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD46;CD	4.73E-08	2.35E-08	5.3884	5.3884	1 up vs 2	826.281	9.83659	0.035714	1
cg08530934	PTPRN2;PTPRN2;PTPRN2	4.56E-06	8.00E-06	0.209188	-4.78039	1 down vs 2	177.873	13.0535	0.220159	1
cg08601959	PRR3;PRR3;PRR3;GNL1;PRR3;GNL1	1.82E-07	7.30E-08	4.89281	4.89281	1 up vs 2	526.273	8.14172	0.0464116	1
cg08602446	CAND1	3.49E-08	3.60E-08	4.88027	4.88027	1 up vs 2	914.993	11.1327	0.036501	1
cg08605157	LOC283050;LOC283050;LOC283050	2.16E-06	3.59E-06	0.203041	-4.92511	1 down vs 2	228.949	13.2742	0.173936	1
cg08607710	RASA3	4.35E-05	1.59E-05	0.0995641	-10.0438	1 down vs 2	82.2818	16.6283	0.606268	1
cg08656267	NIPAL3	1.92E-05	8.10E-06	5.74606	5.74606	1 up vs 2	109.013	10.0371	0.276216	1
cg08807101	RNF160	9.00E-05	3.89E-05	0.154557	-6.47012	1 down vs 2	63.9342	11.5336	0.541192	1
cg08807995	SOLH	2.39E-05	2.48E-05	0.00037697	-2652.73	1 down vs 2	101.184	278.229	8.2492	1
cg08849509	SBF2	4.85E-05	1.94E-05	0.137396	-7.27824	1 down vs 2	79.2909	12.7014	0.48056	1
cg08862291	ACVR1;ACVR1	3.57E-09	4.35E-09	0.204858	-4.88144	1 down vs 2	1959.24	11.7633	0.0180121	1
cg08892082	TRDMT1;TRDMT1;TRDMT1	6.49E-06	4.35E-06	0.0831243	-12.0302	1 down vs 2	294.679	22.5515	0.191323	1
cg08893449	PPARD;PPARD	2.67E-05	1.23E-05	0.190811	-5.24079	1 down vs 2	97.3325	9.26744	0.285643	1
cg08900833	LIMD2	0.0002225	8.78E-05	0.0865534	-11.5536	1 down vs 2	46.5083	19.1748	1.23686	1
cg08914916	MRPS12;SARS2;SARS2;SARS2;MRPS12;MRPS12;MRPS12;SARS2	8.47E-05	4.29E-05	5.11148	5.11148	1 up vs 2	65.2991	9.30868	0.427663	1
cg09009042	PPP1R8;PPP1R8;PPP1R8	0.00016726	6.00E-05	5.33096	5.33096	1 up vs 2	51.4492	8.67779	0.506002	1
cg09059548	PHC1	0.00020186	7.46E-05	0.143784	-6.95487	1 down vs 2	48.1409	11.7726	0.733632	1
cg09220050	TMEM189;TMEM189;TMEM189;TMEM189-UBE2V1	4.07E-05	1.95E-05	4.8339	4.8339	1 up vs 2	84.1969	8.50869	0.303171	1
cg09236130	GPR12	0.00025237	8.71E-05	7.28994	7.28994	1 up vs 2	44.4722	12.0506	0.812904	1
cg09254904	GRIP2	0.00015623	0.00010298	0.0765695	-13.06	1 down vs 2	52.7015	25.348	1.44292	1
cg09256517	EML4;EML4	0.00027345	0.00010477	0.00556082	-179.83	1 down vs 2	118.946	47.1356	0.792552	1
cg09316713	MDP1	0.00022612	7.65E-05	0.144579	-6.91664	1 down vs 2	46.2424	11.3402	0.735703	1
cg09328083	ALX4	8.76E-06	1.62E-05	7.28247	7.28247	1 up vs 2	142.507	21.4497	0.451551	1
cg09356750	DPP9	4.99E-05	4.14E-05	0.152114	-6.57403	1 down vs 2	78.4765	14.7183	0.562652	1
cg09427354	CHRNA7	5.69E-06	1.02E-05	0.189697	-5.27157	1 down vs 2	165.03	14.8553	0.270046	1
cg09459982	CUTA;CUTA;SYNGAP1;CUTA;CUTA;CUTA	4.34E-06	6.47E-06	0.163431	-6.11879	1 down vs 2	180.848	16.5478	0.274504	1
cg09541740	ZNF2;ZNF2	8.64E-05	9.18E-05	0.183636	-5.44556	1 down vs 2	64.8733	13.0326	0.60268	1
cg09554599	SLC6A2	6.21E-07	1.31E-06	0.207225	-4.82568	1 down vs 2	348.7	13.9886	0.120349	1
cg09556632	SMAP2;SMAP2	8.97E-06	3.34E-06	5.45503	5.45503	1 up vs 2	141.367	9.05815	0.192226	1
cg09655191	FBF1	1.76E-05	1.99E-05	0.00066574	-1502.1	1 down vs 2	112.365	246.71	6.58686	1
cg09671371	COPB2;COPB2	5.98E-05	2.60E-05	0.121659	-8.2197	1 down vs 2	73.7255	14.7235	0.59912	1

Probeset ID	UCSC_REFGENE_NAME	p-value (Subgroup)	p-value (1 vs. 2)	Ratio (1 vs. 2)	Fold-Change (1 vs. 2)	Fold-Change (1 vs. 2) (Description)	F (Subgroup)	SS (Subgroup)	SS (Error)	F (Error)
cg09763514	SNX8	1.50E-06	5.97E-07	0.205051	-4.87684	1 down vs 2	258.835	8.08088	0.0936607	1
cg09795614	IK	5.78E-07	1.00E-06	0.204265	-4.89561	1 down vs 2	357.231	13.3408	0.112035	1
cg09796583	CDH23;CDH23	0.00021377	7.18E-05	0.154148	-6.48728	1 down vs 2	47.1737	10.5778	0.672692	1
cg09807821	JMJD1C;JMJD1C	0.00012682	5.70E-05	0.126234	-7.92177	1 down vs 2	56.7117	14.3632	0.759803	1
cg09867669	SMG6;SMG6	1.89E-05	2.54E-05	7.27672	7.27672	1 up vs 2	109.54	19.2396	0.526922	1
cg09938984	CYB5R3	7.96E-08	1.01E-07	4.95904	4.95904	1 up vs 2	694.308	12.1931	0.0526845	1
cg09952564	FBXO18;FBXO18	2.20E-05	8.01E-06	0.193983	-5.15508	1 down vs 2	104.058	8.39561	0.242046	1
cg10009380	GPR179	3.17E-05	1.56E-05	0.130205	-7.68018	1 down vs 2	91.7477	14.3622	0.46962	1
cg10030636	NAT8L	0.00015259	8.32E-05	0.204148	-4.8984	1 down vs 2	53.1411	9.06131	0.511543	1
cg10038087	TLL2;TLL2	1.38E-06	1.41E-06	0.195688	-5.11017	1 down vs 2	266.25	11.7761	0.132688	1
cg10039041	SDC3	0.00010766	8.98E-05	0.116956	-8.55021	1 down vs 2	60.0633	19.194	0.958689	1
cg10098787	ASPG	7.64E-05	3.88E-05	6.7349	6.7349	1 up vs 2	67.6998	12.7259	0.563928	1
cg10123352	KLHDC2	1.52E-06	1.42E-06	5.55513	5.55513	1 up vs 2	258.134	12.6567	0.147095	1
cg10146807	API5;API5;API5;API5	5.08E-05	4.27E-05	0.106278	-9.40931	1 down vs 2	77.9789	20.9387	0.805553	1
cg10169854	ZNF440	1.15E-07	1.60E-07	0.221701	-4.51058	1 down vs 2	613.416	11.104	0.0543056	1
cg10190898	DCLK2;DCLK2	0.00018247	6.43E-05	0.34135	-2.92954	1 down vs 2	49.8921	3.55583	0.213811	1
cg10220806	DNAL4	6.42E-05	3.16E-05	6.65179	6.65179	1 up vs 2	71.9203	12.4239	0.518236	1
cg10231902	COL22A1	3.35E-05	1.35E-05	0.199543	-5.01146	1 down vs 2	90.0764	8.39147	0.279478	1
cg10238396	UGP2;UGP2	1.83E-05	4.11E-05	0.160874	-6.21606	1 down vs 2	193.605	21.3296	0.275427	1
cg10321266	LOC401093;MBNL1;LOC401093; MBNL1	5.21E-05	2.49E-05	13.6466	13.6466	1 up vs 2	77.3218	23.4157	0.908502	1
cg10341310	MTFR1;MTFR1;MTFR1	3.06E-06	1.15E-06	0.174394	-5.73414	1 down vs 2	203.618	9.61991	0.141735	1
cg10362542	HRNBP3	6.08E-05	4.23E-05	75.3661	75.3661	1 up vs 2	118.962	43.3266	0.910512	1
cg10436115	ZNF417	3.27E-07	1.28E-07	5.6798	5.6798	1 up vs 2	432.357	9.65965	0.0670255	1
cg10439283	VWA3B	1.44E-06	1.71E-06	0.193586	-5.16565	1 down vs 2	262.869	12.5778	0.143545	1
cg10515948	D2HGDH	7.06E-05	3.07E-05	0.189823	-5.26805	1 down vs 2	69.5806	9.15076	0.39454	1
cg10532912	STK25	1.60E-07	6.21E-08	5.20897	5.20897	1 up vs 2	549.961	8.70674	0.0474947	1
cg10547729	ADAL;LCMT2;ADAL;ADAL;ADAL	6.29E-05	2.33E-05	5.44679	5.44679	1 up vs 2	72.4201	9.01451	0.373425	1
cg10597485	NCOR2;NCOR2	4.22E-05	4.63E-05	0.16566	-6.03646	1 down vs 2	83.1692	14.7773	0.533034	1
cg10656845	POLD2;POLD2	6.37E-05	8.33E-05	0.00317948	-314.517	1 down vs 2	72.136	161.252	6.70616	1
cg10661769	VARS2;VARS2;VARS2;GTF2H4	0.00020928	8.65E-05	0.07478	-13.3726	1 down vs 2	47.5294	21.8927	1.38184	1
cg10675453	PRICKLE4;TOMM6	2.09E-06	8.24E-07	6.67377	6.67377	1 up vs 2	231.54	11.5612	0.149796	1
cg10678018	BRUNOL5	1.22E-05	4.44E-06	8.14E-13	-1.23E+12	1 down vs 2	228.6	1381.73	15.1108	1
cg10687642	C12orf65;C12orf65	6.03E-05	0.00010866	6.41627	6.41627	1 up vs 2	73.5246	18.8625	0.76964	1
cg10778841	SORCS3	1.26E-05	2.23E-05	0.129151	-7.74285	1 down vs 2	225.271	14.1551	0.15709	1
cg10819684	ZNF321	3.73E-07	1.47E-07	4.96412	4.96412	1 up vs 2	413.943	8.25417	0.059821	1
cg10824491	SDF2;SUPT6H	6.78E-06	2.67E-06	8.00808	8.00808	1 up vs 2	155.505	13.8794	0.267761	1
cg10884908	PCDHB18	0.00021173	8.62E-05	1.06E-08	-9.43E+07	1 down vs 2	71.2266	627.197	22.0141	1
cg10976673	CCRN4L	6.08E-05	2.76E-05	5.76042	5.76042	1 up vs 2	73.2965	10.3152	0.422198	1
cg10977910	TTLL7	0.00024024	8.66E-05	5.53542	5.53542	1 up vs 2	67.594	8.87546	0.328264	1
cg11027398	COL1A1	4.97E-05	1.63E-05	0.139442	-7.17143	1 down vs 2	78.6032	11.6796	0.445767	1
cg11041835	GULP1	0.00010611	5.43E-05	1.53E-07	-6.55E+06	1 down vs 2	9423.05	393.192	0.0417266	1
cg11058154	FAM20A	0.00018022	9.76E-05	1.04E-07	-9.62E+06	1 down vs 2	50.1118	926.051	55.439	1
cg11059451	DNAJC21;DNAJC21	3.99E-05	1.56E-05	0.0160383	-62.3509	1 down vs 2	84.8119	54.5741	1.93041	1
cg11066380	MORN4;MORN4	8.40E-06	7.95E-06	0.144128	-6.93829	1 down vs 2	144.58	16.2328	0.336827	1
cg11074746	MEMO1;MEMO1	2.94E-07	3.26E-07	0.217441	-4.59895	1 down vs 2	448.376	10.5891	0.0708499	1
cg11087911	YTHDF3;YTHDF3	8.10E-05	8.97E-05	7.76582	7.76582	1 up vs 2	66.343	19.3386	0.874483	1
cg11090826	TMF1	2.86E-05	1.52E-05	10.0423	10.0423	1 up vs 2	95.0647	18.9063	0.596633	1
cg11094953	ARCN1;ARCN1	9.68E-05	3.83E-05	3.40E-28	-2.94E+27	1 down vs 2	201.294	7114.74	70.6899	1
cg11187245	HLA-B	4.10E-06	2.01E-06	6.03644	6.03644	1 up vs 2	184.451	11.1702	0.181677	1
cg11232054	CUL4A;CUL4A	0.000196	6.31E-05	0.00414256	-241.397	1 down vs 2	48.6462	89.7295	5.53361	1
cg11247519	TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.0001014	5.06E-05	5.06868	5.06868	1 up vs 2	61.3342	9.16167	0.448119	1
cg11259591	ALG9;ALG9;ALG9;ALG9	0.00010807	3.47E-05	0.0495343	-20.188	1 down vs 2	59.9828	26.9367	1.34722	1
cg11293821	MYO9B;MYO9B;HAUS8;HAUS8	7.78E-07	7.77E-07	5.81855	5.81855	1 up vs 2	323.116	13.6156	0.126415	1
cg11309039	CDKL3;CDKL3;CDKL3;CDKL3	3.50E-05	1.27E-05	1.17E-06	-857928	1 down vs 2	148.887	331.492	5.56615	1
cg11310812	KCNJ16;KCNJ16;KCNJ16	5.32E-05	3.07E-05	0.127981	-7.81364	1 down vs 2	76.7471	15.4546	0.60411	1
cg11321180	C20orf111	0.00011843	6.49E-05	1.27E-15	-7.89E+14	1 down vs 2	620.478	2177.48	5.26405	1
cg11468711	ZNF710	5.89E-05	2.37E-05	5.30379	5.30379	1 up vs 2	74.0933	8.98112	0.363641	1
cg11544529	MPV17;MPV17	4.84E-07	4.40E-07	4.73095	4.73095	1 up vs 2	837.026	9.94705	0.0297095	1
cg11549132	INPP4A;INPP4A;INPP4A;INPP4A	1.44E-05	5.44E-06	8.00E+19	8.00E+19	1 up vs 2	213.368	3794.08	44.4547	1
cg11599998	KPNA4	0.0001017	3.95E-05	0.142411	-7.02194	1 down vs 2	61.2709	12.1038	0.592636	1
cg11733478	CTSC;CTSC;CTSC	3.95E-06	1.50E-06	6.91044	6.91044	1 up vs 2	186.742	11.831	0.190064	1
cg11735371	ATAD3B	1.59E-06	5.70E-05	0.262745	-3.80597	1 down vs 2	254.15	26.8554	0.317003	1
cg11757961	ZFPM1	6.22E-08	2.40E-08	5.1253	5.1253	1 up vs 2	754.256	8.51494	0.0338676	1
cg11827907	FAM103A1	1.48E-07	6.19E-08	0.220802	-4.52894	1 down vs 2	563.809	7.47049	0.0397501	1
cg11829155	C11orf30;C11orf30	2.39E-05	8.51E-06	0.189611	-5.27395	1 down vs 2	101.138	8.5626	0.253988	1

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cg11918372	FBXO11;FBXO11;FBXO11;FBXO11;FBXO11;FBXO11	0.00011616	0.00010192	0.0955206	-10.4689	1 down vs 2	58.4855	23.4105	1.20084	1
cg11932961	PHF17;PHF17	1.78E-07	1.96E-07	0.14707	-6.7995	1 down vs 2	530.03	16.6562	0.0942753	1
cg11987576	DHRS12;DHRS12	4.04E-05	4.31E-05	0.157381	-6.35402	1 down vs 2	84.4219	15.4786	0.550046	1
cg11991942	FAM20C	2.91E-06	2.79E-06	0.17769	-5.62779	1 down vs 2	207.013	12.9372	0.187484	1
cg12072690	MCF2L;MCF2L	8.08E-06	1.45E-05	0.201726	-4.95721	1 down vs 2	146.491	13.8089	0.282794	1
cg12075720	UNC13A	1.58E-05	6.69E-06	0.182004	-5.49439	1 down vs 2	116.638	9.54728	0.245562	1
cg12104982	SAFB2	0.00025565	8.26E-05	0.139085	-7.18987	1 down vs 2	44.2689	11.6097	0.786762	1
cg12184541	NAP1L4	2.64E-05	1.14E-05	6.12242	6.12242	1 up vs 2	167.101	10.7447	0.160752	1
cg12243375	GUCY1A2	3.30E-06	3.89E-06	0.143778	-6.95518	1 down vs 2	198.455	17.5015	0.264567	1
cg12258042	CSMD1;CSMD1	1.68E-06	5.78E-07	0.174479	-5.73133	1 down vs 2	249.207	9.34527	0.1125	1
cg12302119	NEGR1	0.0001071	0.00010762	0.0480347	-20.8183	1 down vs 2	60.1719	41.0345	2.04586	1
cg12502098	FAM19A5	8.50E-05	3.59E-05	0.108479	-9.21837	1 down vs 2	65.2295	16.1974	0.744941	1
cg12541127	TTN;TTN;TTN;TTN;TTN	4.57E-05	5.02E-05	0.175083	-5.71158	1 down vs 2	80.9327	13.8972	0.515138	1
cg12590548	ERCC6	0.00024722	9.32E-05	2.19E+07	2.19E+07	1 up vs 2	125.2	495.637	7.91752	1
cg12627537	TTLL1;TTLL1;TTLL1	2.65E-07	1.02E-07	0.197305	-5.0683	1 down vs 2	464.194	8.40695	0.0543326	1
cg12640937	EXT2;EXT2;EXT2;EXT2	2.16E-05	8.48E-06	0.137573	-7.26888	1 down vs 2	104.743	12.6036	0.360985	1
cg12678003	FGF14	1.01E-06	3.94E-07	5.41002	5.41002	1 up vs 2	296.175	9.12414	0.0924197	1
cg12707353	ACOX3;ACOX3	0.0001891	8.73E-05	0.492476	-2.03056	1 down vs 2	49.2669	1.698	0.103396	1
cg12869820	BRI3BP;BRI3BP	3.57E-05	1.23E-05	0.177778	-5.62499	1 down vs 2	88.1151	9.13058	0.310863	1
cg12904795	VPS54;VPS54	6.86E-08	3.49E-08	0.0956296	-10.457	1 down vs 2	729.694	19.275	0.0792457	1
cg12905931	TTC28;LOC284900	5.13E-05	3.75E-05	0.150111	-6.66174	1 down vs 2	77.764	14.2927	0.551389	1
cg12925962	HADHB;HADHA;HADHA	7.86E-06	3.07E-06	5.36544	5.36544	1 up vs 2	147.908	9.03232	0.183201	1
cg12930251	CENPB	8.85E-07	3.53E-07	5.37647	5.37647	1 up vs 2	309.508	9.12464	0.0884433	1
cg12938917	C3orf21	0.00011518	5.11E-05	0.0488997	-20.45	1 down vs 2	58.6585	30.4061	1.55507	1
cg12968987	ANKRD55	2.36E-05	8.84E-06	7.87043	7.87043	1 up vs 2	101.525	13.4047	0.396101	1
cg12986659	STOX2	8.54E-06	3.10E-06	0.173854	-5.75195	1 down vs 2	143.788	9.55265	0.199307	1
cg13038030	MIF4GD	1.83E-05	1.68E-05	6.61222	6.61222	1 up vs 2	110.854	15.3041	0.41417	1
cg13103485	PPP1R9A;PPP1R9A	7.64E-06	6.79E-06	0.159055	-6.28714	1 down vs 2	149.336	14.3069	0.287412	1
cg13130025	CDH4	9.05E-07	4.52E-07	0.211788	-4.7217	1 down vs 2	307.18	8.37901	0.0818316	1
cg13146020	CADPS2;CADPS2;CADPS2;RNF133	1.84E-05	0.00010315	0.0776775	-12.8737	1 down vs 2	110.73	52.6942	1.42764	1
cg13152082	ADH5	2.94E-06	1.22E-06	4.70959	4.70959	1 up vs 2	206.393	7.84909	0.114089	1
cg13212400	COQ10A;COQ10A;COQ10A	1.25E-06	1.35E-06	5.77659	5.77659	1 up vs 2	275.627	13.8799	0.151073	1
cg13353244	HEATR3	5.39E-06	7.37E-06	0.20384	-4.9058	1 down vs 2	168.061	12.3947	0.221254	1
cg13394083	SELT	7.80E-07	8.72E-07	0.18759	-5.33079	1 down vs 2	322.955	12.777	0.118689	1
cg13469346	PRKCD;PRKCD	3.75E-07	1.64E-07	0.212968	-4.69555	1 down vs 2	413.152	7.95595	0.0577701	1
cg13497285	TMX4	6.24E-06	2.61E-06	5.47071	5.47071	1 up vs 2	159.935	9.45721	0.177395	1
cg13498610	KIF7	4.48E-05	1.81E-05	0.171614	-5.82703	1 down vs 2	81.474	10.0408	0.369718	1
cg13500430	NAP1L4	3.64E-06	2.37E-06	0.206677	-4.83848	1 down vs 2	192.057	9.46257	0.147809	1
cg13525067	CYP4F22	1.09E-05	3.98E-06	0.146885	-6.80803	1 down vs 2	132.483	11.5138	0.260725	1
cg13534740	AZI1;AZI1	6.93E-05	8.72E-05	0.132873	-7.52598	1 down vs 2	70.0437	19.5985	0.83941	1
cg13556511	C15orf38	2.34E-07	2.09E-06	6.3563	6.3563	1 up vs 2	483.951	31.4166	0.19475	1
cg13600953	CKAP5;CKAP5	2.30E-06	2.77E-06	6.43912	6.43912	1 up vs 2	224.329	16.2528	0.217352	1
cg13617248	DSCR3	1.01E-05	4.40E-06	0.192612	-5.19179	1 down vs 2	135.659	9.00127	0.199056	1
cg13632816	SVEP1;SVEP1	8.60E-05	3.52E-05	0.160842	-6.21728	1 down vs 2	64.9716	10.8379	0.500428	1
cg13716638	YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B;YIF1B	4.58E-05	9.62E-05	0.153758	-6.50372	1 down vs 2	133.497	12.7863	0.23945	1
cg13716825	VPS13C;VPS13C;VPS13C;VPS13C	2.46E-07	9.20E-08	0.193919	-5.15679	1 down vs 2	475.932	8.49248	0.0535316	1
cg13810862	RPH3AL	9.53E-06	8.62E-06	5.48002	5.48002	1 up vs 2	138.486	12.3283	0.267067	1
cg13913990	PLEKHG4B	1.06E-05	4.20E-06	0.00608752	-164.271	1 down vs 2	133.592	83.6974	1.87954	1
cg13934005	ROBLD3;UBQLN4;ROBLD3	1.27E-06	5.41E-07	4.89421	4.89421	1 up vs 2	273.867	8.30516	0.0909767	1
cg13986249	MCART1;MCART1;MCART1	4.85E-07	1.93E-07	4.79303	4.79303	1 up vs 2	378.853	7.91435	0.0626708	1
cg13996209	SUGT1P1;AQP3	1.70E-05	7.31E-06	6.99147	6.99147	1 up vs 2	113.565	12.4861	0.329839	1
cg14016518	ZDHHC21	2.83E-08	1.34E-08	4.87806	4.87806	1 up vs 2	981.355	8.57197	0.0262045	1
cg14046074	WNT7A	9.66E-05	6.85E-05	8.74141	8.74141	1 up vs 2	62.3812	18.4984	0.889612	1
cg14058359	C19orf44	0.0001826	0.00010728	0.110946	-9.0134	1 down vs 2	49.8795	17.8224	1.07193	1
cg14074715	ARHGDIA	4.87E-05	2.99E-05	6.02975	6.02975	1 up vs 2	79.1305	12.0669	0.457481	1
cg14083376	C14orf2;C14orf2	6.38E-06	8.21E-06	0.154124	-6.48829	1 down vs 2	158.784	16.7945	0.317307	1
cg14123712	SGMS1	1.73E-05	1.21E-05	0.126353	-7.91431	1 down vs 2	113.079	16.7199	0.443582	1
cg14151082	ZNF782	5.65E-05	2.55E-05	4.9599	4.9599	1 up vs 2	75.1676	8.60712	0.343517	1
cg14198172	HBXIP	9.06E-07	7.61E-07	7.34296	7.34296	1 up vs 2	307.085	16.4679	0.160879	1
cg14212467	ZBTB45	3.61E-07	2.90E-07	0.161037	-6.20977	1 down vs 2	418.217	13.5925	0.0975032	1
cg14322215	TRIM27	1.15E-05	4.73E-06	5.99114	5.99114	1 up vs 2	129.949	10.4338	0.240874	1
cg14381390	C4orf48;C4orf48	5.96E-05	2.02E-05	0.109481	-9.13403	1 down vs 2	73.8033	14.8908	0.60529	1
cg14466206	RAI1	2.92E-06	1.23E-06	0.0533383	-18.7482	1 down vs 2	206.783	28.228	0.409531	1
cg14513226	LPGAT1	5.33E-05	5.33E-05	8.31E-23	-1.20E+22	1 down vs 2	18754.8	4035.18	0.430309	1
cg14543295	KRAS;KRAS	1.42E-05	1.88E-05	0.197219	-5.0705	1 down vs 2	120.963	12.8253	0.318081	1
cg14572808	AP3D1;AP3D1	9.70E-05	4.41E-05	0.103492	-9.66255	1 down vs 2	62.2859	17.3183	0.834138	1

Probeset ID	UCSC_REFGENE_NAME	p-value (Subgroup)	p-value (1 vs. 2)	Ratio (1 vs. 2)	Fold-Change (1 vs. 2)	Fold-Change (1 vs. 2) (Description)	F (Subgroup)	SS (Subgroup)	SS (Error)	F (Error)
cg14576565	KCNK4	2.60E-06	1.10E-06	0.0399639	-25.0226	1 down vs 2	215.05	34.1092	0.475832	1
cg14709481	HK3	8.09E-07	2.83E-05	0.137193	-7.28898	1 down vs 2	318.932	58.3212	0.548591	1
cg14784293	SELS;SELS	0.00015039	8.97E-05	5.44478	5.44478	1 up vs 2	53.4131	10.6404	0.597629	1
cg14785777	INPP5A	6.65E-05	2.44E-05	0.124162	-8.05398	1 down vs 2	71.0607	13.6184	0.574936	1
cg14798760	GPR98;GPR98	1.07E-05	1.14E-05	0.183002	-5.46442	1 down vs 2	132.964	12.9653	0.292531	1
cg14802609	PLXDC2	5.44E-05	7.61E-05	0.0142266	-70.291	1 down vs 2	76.165	90.178	3.55195	1
cg14826404	MGAT1;MGAT1;MGAT1	1.22E-05	5.67E-06	0.00059615	-1677.43	1 down vs 2	570.051	102.101	0.358215	1
cg14831838	CDK5R2	3.64E-06	4.65E-06	5.19751	5.19751	1 up vs 2	192.096	12.9963	0.202966	1
cg14845982	PPP2R2D;PPP2R2D;PPP2R2D	7.16E-07	8.51E-07	5.11442	5.11442	1 up vs 2	332.344	12.4061	0.111987	1
cg14934400	CTDP1;CTDP1	2.38E-05	8.53E-06	0.172532	-5.79604	1 down vs 2	101.339	9.59066	0.283918	1
cg15012678	BDH1	5.77E-05	3.28E-05	0.0107121	-93.3522	1 down vs 2	74.6263	74.8606	3.00942	1
cg15129777	EIF3F	1.62E-05	2.26E-05	5.29894	5.29894	1 up vs 2	115.487	13.7544	0.357299	1
cg15170605	ADD2;ADD2;ADD2;ADD2;ADD2	3.02E-05	1.19E-05	0.122163	-8.1858	1 down vs 2	93.3421	14.1869	0.455963	1
cg15185538	ALDH18A1;ALDH18A1	1.03E-07	4.54E-08	0.0562822	-17.7676	1 down vs 2	636.867	27.5984	0.130004	1
cg15189797	MARK2;MARK2;MARK2;MARK2	5.57E-10	6.53E-10	5.12756	5.12756	1 up vs 2	3643.11	12.3499	0.0101698	1
cg15190354	CHEK1;CHEK1;CHEK1	4.19E-05	4.78E-05	6.67821	6.67821	1 up vs 2	83.4061	16.7201	0.6014	1
cg15295166	CLIC6	2.07E-05	1.52E-05	0.113666	-8.79767	1 down vs 2	106.225	18.7549	0.529675	1
cg15327998	PLEKHA5;PLEKHA5	6.58E-07	7.49E-07	0.208602	-4.79382	1 down vs 2	342	11.277	0.0989213	1
cg15337887	SLC30A5;SLC30A5	1.45E-05	1.50E-05	0.154085	-6.48992	1 down vs 2	120.161	15.6264	0.390135	1
cg15372098	C3orf26;MIR548G	7.52E-05	0.00010187	0.171114	-5.84404	1 down vs 2	68.077	15.397	0.67851	1
cg15381410	MESTIT1;MEST	0.00011186	4.84E-05	0.144782	-6.90693	1 down vs 2	59.2629	12.3616	0.62577	1
cg15403646	HGSNAT	1.14E-05	1.25E-05	0.183978	-5.43542	1 down vs 2	130.34	13.067	0.300759	1
cg15433198	FLJ25328;FLJ25328	3.25E-08	4.52E-08	0.217297	-4.60199	1 down vs 2	937.326	11.4174	0.0365424	1
cg15439717	SACS	3.06E-05	2.38E-05	6.79406	6.79406	1 up vs 2	92.8929	14.8727	0.480317	1
cg15447775	NEDD1;NEDD1;NEDD1;NEDD1	8.09E-05	3.56E-05	1.87E+14	1.87E+14	1 up vs 2	220.352	1944.95	17.6531	1
cg15468925	DIAPH3	8.64E-05	3.73E-05	6.74183	6.74183	1 up vs 2	64.8497	12.047	0.557306	1
cg15525859	COL4A2	4.51E-06	2.27E-06	5.77286	5.77286	1 up vs 2	178.609	10.7247	0.180137	1
cg15564590	MEX3D	2.91E-06	1.16E-06	0.179044	-5.58522	1 down vs 2	207.022	9.53341	0.138151	1
cg15574437	MAD1L1;MAD1L1;MAD1L1	3.19E-06	3.44E-06	0.196722	-5.08332	1 down vs 2	200.764	11.9308	0.178281	1
cg15604997	PPCDC	0.00010962	4.67E-05	5.88338	5.88338	1 up vs 2	59.6848	10.3408	0.519773	1
cg15669183	FAM155A	7.73E-05	9.50E-05	0.147699	-6.77054	1 down vs 2	67.4386	17.4634	0.776855	1
cg15676735	ZBTB3	1.55E-07	1.40E-07	0.171648	-5.82588	1 down vs 2	555.24	13.1793	0.0712089	1
cg15676916	DOCK1	2.23E-05	8.40E-06	0.14721	-6.793	1 down vs 2	103.65	11.5991	0.335721	1
cg15696627	MSX1	5.63E-06	2.48E-06	4.95448	4.95448	1 up vs 2	165.647	8.53569	0.154589	1
cg15724937	RAI1	1.84E-05	7.96E-06	0.183238	-5.45739	1 down vs 2	110.594	9.5323	0.258575	1
cg15788993	MED23;MED23	4.45E-05	1.99E-05	8.43666	8.43666	1 up vs 2	135.153	8.80255	0.162826	1
cg15841665	C4orf50	4.94E-05	6.66E-05	0.136569	-7.32233	1 down vs 2	78.7583	19.4959	0.742621	1
cg15883451	C12orf41	3.86E-08	1.48E-08	4.8876	4.8876	1 up vs 2	884.449	8.00453	0.0271509	1
cg15890734	DHFR	2.18E-07	3.80E-07	0.22342	-4.47588	1 down vs 2	495.318	11.8756	0.0719271	1
cg15892497	CD160	4.32E-07	5.62E-07	4.82575	4.82575	1 up vs 2	393.887	11.8908	0.0905649	1
cg15894748	EXTL3	6.47E-06	1.02E-05	0.19663	-5.08569	1 down vs 2	157.968	13.6123	0.258513	1
cg15912797	MYST4;MYST4	1.39E-08	5.31E-09	5.0732	5.0732	1 up vs 2	1244.15	8.3799	0.0202063	1
cg15975824	MAGI3;MAGI3	4.10E-05	1.63E-05	3.82E-17	-2.62E+16	1 down vs 2	139.711	2634.37	47.1396	1
cg16002640	SCFD2	4.86E-05	5.56E-05	0.184832	-5.41032	1 down vs 2	79.1829	13.2299	0.501239	1
cg16066641	SLC5A6;SLC5A6;C2orf28;C2orf28;C2orf28	1.26E-05	4.52E-06	0.0346866	-28.8296	1 down vs 2	225.606	34.3267	0.380383	1
cg16088251	ADK;ADK	0.00026548	9.23E-05	2.07E-05	-48400.1	1 down vs 2	64.8485	202.727	7.81541	1
cg16113047	SKP2;SKP2;LMBRD2	2.38E-05	9.61E-06	6.6402	6.6402	1 up vs 2	101.224	11.5829	0.343285	1
cg16114213	RXRB	2.46E-06	4.09E-06	0.215939	-4.63094	1 down vs 2	219.326	12.2892	0.168095	1
cg16190732	CHST8;CHST8;CHST8;CHST8	9.15E-05	4.07E-05	0.145761	-6.86053	1 down vs 2	63.5772	12.3984	0.585042	1
cg16233210	FNDC3B;FNDC3B	2.33E-07	3.11E-07	0.19479	-5.13373	1 down vs 2	484.777	12.9462	0.0801165	1
cg16234557	EMX2OS	1.81E-05	8.62E-06	5.46E-25	-1.83E+24	1 down vs 2	111.231	10677	287.966	1
cg16256902	DCTD;DCTD	6.69E-05	0.00010463	0.158444	-6.31136	1 down vs 2	70.8919	17.6279	0.745976	1
cg16282679	EGFL8	1.96E-05	9.75E-06	0.186767	-5.35426	1 down vs 2	108.296	9.78135	0.270962	1
cg16340159	HDAC4	2.74E-06	4.63E-06	0.199476	-5.01313	1 down vs 2	211.386	13.6627	0.193902	1
cg16366323	C17orf105;DUSP3	1.09E-05	1.20E-05	6.89433	6.89433	1 up vs 2	132.104	16.974	0.38547	1
cg16429055	MPRIP;MPRIP	2.27E-06	1.18E-06	4.70144	4.70144	1 up vs 2	225.364	8.45632	0.112569	1
cg16433833	GCHFR	9.22E-07	7.15E-07	8.2601	8.2601	1 up vs 2	305.177	17.9736	0.176687	1
cg16474170	PTPRM;PTPRM	2.23E-05	1.87E-05	0.114643	-8.72274	1 down vs 2	103.602	19.5144	0.565075	1
cg16519173	LRRC41	9.38E-05	3.43E-05	0.110604	-9.04125	1 down vs 2	63.0199	15.1247	0.719995	1
cg16663155	INCENP;INCENP	8.03E-05	6.94E-05	0.00047728	-2095.21	1 down vs 2	66.5285	246.563	11.1184	1
cg16663739	FRMD4B	6.41E-05	2.83E-05	6.51381	6.51381	1 up vs 2	71.9489	11.701	0.487888	1
cg16672770	FAM38A	1.86E-06	8.50E-07	0.150675	-6.63679	1 down vs 2	240.979	12.0892	0.150501	1
cg16725723	FAM19A4;FAM19A4	0.00013074	5.34E-05	4.92216	4.92216	1 up vs 2	56.1089	8.23711	0.440417	1
cg16814688	SLC30A10	2.09E-06	4.12E-06	0.187675	-5.32835	1 down vs 2	231.651	15.5035	0.200778	1
cg16822191	KCNQ2;KCNQ2;KCNQ2;KCNQ2	1.67E-05	7.49E-06	0.0950069	-10.5255	1 down vs 2	114.296	18.5616	0.487198	1
cg16943612	SCARB1;SCARB1	3.93E-05	3.09E-05	0.13627	-7.33835	1 down vs 2	85.2103	16.1632	0.569056	1
cg16976370	GABRA4	9.19E-05	4.04E-05	0.0411867	-24.2797	1 down vs 2	63.4682	33.8571	1.60035	1

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cg17011590	AKAP8L	8.56E-07	3.27E-06	0.217433	-4.59911	1 down vs 2	312.956	16.1116	0.154446	1
cg17028039	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGFR2;FGF R2	3.19E-06	3.36E-06	5.51009	5.51009	1 up vs 2	200.818	13.045	0.194878	1
cg17074212	ZNF215	1.85E-06	2.27E-06	5.4815	5.4815	1 up vs 2	241.379	13.6382	0.169504	1
cg17077042	UFC1	0.00022073	7.12E-05	0.00134079	-745.829	1 down vs 2	46.6405	130.475	8.39239	1
cg17078980	LRRC33	2.49E-05	1.00E-05	8.63E-13	-1.16E+12	1 down vs 2	170.988	1428.74	20.8894	1
cg17087899	NUB1	0.00027518	9.26E-05	0.132232	-7.56245	1 down vs 2	43.1227	12.3841	0.861551	1
cg17128646	HSPD1;HSPE1;HSPD1	4.30E-05	5.30E-05	6.5911	6.5911	1 up vs 2	82.6015	16.9357	0.615087	1
cg17146950	EFR3A	4.99E-06	2.22E-06	5.0404	5.0404	1 up vs 2	172.581	8.75366	0.152167	1
cg17172595	ITGA5	7.04E-07	3.18E-07	4.3844	4.3844	1 up vs 2	334.295	7.34674	0.0659305	1
cg17174566	ACVR2A	2.54E-05	2.55E-05	0.138608	-7.21459	1 down vs 2	99.0141	17.2753	0.523418	1
cg17177829	NUP62;NUP62;NUP62;IL4I1;ATF5;NUP62	6.04E-07	2.50E-07	5.12221	5.12221	1 up vs 2	351.931	8.71304	0.0742735	1
cg17192381	BCL2	7.59E-05	3.72E-05	0.026158	-38.2293	1 down vs 2	67.8513	45.9025	2.02955	1
cg17216904	APPL1	8.97E-05	3.86E-05	0.156007	-6.40998	1 down vs 2	64.0222	11.405	0.534426	1
cg17245135	MEF2C;MEF2C	2.30E-05	3.29E-05	7.95879	7.95879	1 up vs 2	102.484	21.5193	0.629932	1
cg17330695	XRCC5	1.86E-05	7.51E-06	0.177864	-5.62228	1 down vs 2	110.221	9.64315	0.262468	1
cg17411035	ASB18	7.19E-06	3.37E-06	0.0996956	-10.0305	1 down vs 2	152.418	18.083	0.355922	1
cg17412580	ZNF460	3.67E-05	1.33E-05	5.68146	5.68146	1 up vs 2	87.2544	9.38719	0.322753	1
cg17484874	STEAP3;STEAP3;STEAP3	4.89E-05	4.68E-05	0.161282	-6.20033	1 down vs 2	79.049	14.5247	0.55123	1
cg17517002	SELI;GPR113	7.77E-05	3.50E-05	0.0076112	-131.385	1 down vs 2	107.624	46.1637	1.07234	1
cg17530673	FGFBP3	3.33E-05	1.25E-05	6.28085	6.28085	1 up vs 2	90.255	10.6537	0.35412	1
cg17598713	RGL2;RGL2	9.72E-07	3.89E-07	6.59E-34	-1.52E+33	1 down vs 2	632.718	10815.3	42.7336	1
cg17610181	PTPRG	0.00018799	7.23E-05	5.8467	5.8467	1 up vs 2	49.3697	9.89693	0.601397	1
cg17629793	ZNF574	2.69E-07	1.04E-07	5.58753	5.58753	1 up vs 2	461.488	9.45422	0.0614591	1
cg17738133	CDKN1C;CDKN1C;CDKN1C	3.35E-05	2.87E-05	0.114886	-8.7043	1 down vs 2	151.612	18.8813	0.311344	1
cg17794261	ZNF688;ZNF688	6.31E-05	2.40E-05	5.40513	5.40513	1 up vs 2	72.3448	9.00635	0.373476	1
cg17805089	PTPRN2;PTPRN2;PTPRN2	7.06E-05	2.63E-05	0.13768	-7.26323	1 down vs 2	69.5883	12.3617	0.532921	1
cg17808635	LMNA;LMNA;LMNA	1.38E-06	2.15E-06	0.00275884	-362.472	1 down vs 2	266.437	177.431	1.99782	1
cg17815841	PDS5A;PDS5A;PDS5A;PDS5A;PDS5A;PDS5A	7.24E-09	3.06E-09	4.5418	4.5418	1 up vs 2	1548.04	7.52795	0.0145886	1
cg17848546	LOC642587;MIR205	0.00030413	0.0001051	5.72044	5.72044	1 up vs 2	41.6105	9.28676	0.669549	1
cg17861836	C17orf56	1.54E-05	0.00010437	0.015971	-62.6136	1 down vs 2	117.561	147.267	3.75808	1
cg17864619	FOSB;FOSB	8.91E-06	6.78E-06	0.146081	-6.84552	1 down vs 2	141.707	14.8584	0.314561	1
cg17876514	NDUFA13	3.14E-06	1.29E-06	0.206027	-4.85373	1 down vs 2	201.798	8.12859	0.120843	1
cg17893934	LARP4B	4.69E-06	1.31E-05	0.117744	-8.49298	1 down vs 2	176.278	28.6424	0.487453	1
cg17906851	RPTOR;RPTOR	6.14E-06	1.14E-05	4.61537	4.61537	1 up vs 2	160.842	12.7278	0.237397	1
cg17914485	C4orf19	0.00025495	0.00010655	0.0530242	-18.8593	1 down vs 2	44.3118	28.1826	1.90802	1
cg18016822	SRBD1	8.52E-05	3.46E-05	0.132723	-7.5345	1 down vs 2	65.1799	13.2041	0.607738	1
cg18064663	WDR6;DALRD3;DALRD3	0.00017989	6.08E-05	0.150608	-6.63976	1 down vs 2	50.1442	10.8723	0.65046	1
cg18072388	RAVER1	1.61E-05	0.00010261	0.186468	-5.36286	1 down vs 2	115.698	23.7433	0.615651	1
cg18091165	BAT1;SNORD84;BAT1	5.40E-05	2.06E-05	2.95E+12	2.95E+12	1 up vs 2	124.805	1495.38	29.9543	1
cg18144815	RAB3C	4.60E-06	2.38E-06	0.218993	-4.56636	1 down vs 2	177.324	8.11028	0.137211	1
cg18219712	POR;POR	7.82E-08	3.49E-08	4.73658	4.73658	1 up vs 2	698.511	8.10267	0.0347998	1
cg18301891	DIO3;MIR1247	2.78E-05	1.17E-05	2.04E-25	-4.89E+24	1 down vs 2	377.156	5695.44	30.2021	1
cg18303892	C20orf95	7.25E-05	7.19E-05	9.55746	9.55746	1 up vs 2	110.71	21.8656	0.493759	1
cg18345635	SLC16A3;SLC16A3	5.08E-05	5.16E-05	0.124815	-8.01183	1 down vs 2	77.9935	19.2857	0.741822	1
cg18411891	FZD4	0.00017559	8.01E-05	2.33E-22	-4.29E+21	1 down vs 2	476.863	4333.35	13.6308	1
cg18532480	MTFR1;MTFR1	7.93E-05	3.96E-05	5.84035	5.84035	1 up vs 2	66.8325	10.835	0.486367	1
cg18547942	C11orf93;C11orf93;C11orf92;C11orf92	0.0001627	8.20E-05	0.164304	-6.08629	1 down vs 2	51.953	11.3895	0.65768	1
cg18585789	TTN;TTN;TTN;TTN;TTN	9.29E-05	9.23E-05	0.00229054	-436.579	1 down vs 2	63.2356	163.743	7.76822	1
cg18647881	TMCO1	0.00012906	4.46E-05	6.66692	6.66692	1 up vs 2	56.3641	11.0079	0.585902	1
cg18672939	GFRA1;GFRA1;GFRA1;GFRA1	1.87E-05	7.47E-06	1.70E-09	-5.89E+08	1 down vs 2	192.226	754.253	9.80944	1
cg18728699	IQGAP1	8.03E-05	3.70E-05	6.3581	6.3581	1 up vs 2	66.5367	11.5712	0.52172	1
cg18753516	TBC1D5;TBC1D5;TBC1D5	1.30E-06	5.50E-07	5.77104	5.77104	1 up vs 2	271.707	10.096	0.111474	1
cg18791923	MRPL33;MRPL33	1.16E-05	4.93E-06	0.183167	-5.4595	1 down vs 2	129.646	9.49146	0.219632	1
cg18802885	TFIP11;TFIP11;TFIP11;TFIP11	5.63E-05	2.35E-05	0.137081	-7.29496	1 down vs 2	75.2816	12.9111	0.514513	1
cg18818563	ZNF266;ZNF266;ZNF266;ZNF266	7.15E-05	3.45E-05	7.02636	7.02636	1 up vs 2	69.2864	13.0678	0.565815	1
cg18833228	PALM;PALM	1.07E-05	4.85E-06	0.192195	-5.20306	1 down vs 2	133.003	9.14329	0.206234	1
cg18839017	LRRC1	3.32E-06	1.21E-06	5.12898	5.12898	1 up vs 2	198.046	8.35531	0.126566	1
cg18926212	FAIM2	7.26E-06	8.49E-06	0.175279	-5.70519	1 down vs 2	151.925	14.0978	0.278383	1
cg18956540	C17orf37	0.00014478	6.83E-05	0.118375	-8.44775	1 down vs 2	54.1326	15.5298	0.860653	1
cg18964159	DDX25;PUS3	1.75E-05	1.56E-05	0.167097	-5.98456	1 down vs 2	112.621	13.5857	0.361897	1
cg19060387	AIFM1;AIFM1;AIFM1;AIFM1	9.79E-06	6.17E-06	0.0813414	-12.2939	1 down vs 2	137.252	23.7024	0.518078	1
cg19076513	COPG	1.63E-07	2.07E-07	4.90018	4.90018	1 up vs 2	545.661	11.992	0.0659309	1
cg19092999	KIAA2018	4.23E-08	5.12E-08	0.221093	-4.52298	1 down vs 2	857.929	10.6515	0.0372459	1
cg19095000	FBXO2	0.00016617	6.06E-05	0.156122	-6.40524	1 down vs 2	51.5681	10.7465	0.625182	1

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cg19182014	HMGB3L1	5.83E-05	2.61E-05	6.34607	6.34607	1 up vs 2	74.349	11.4318	0.461274	1
cg19265641	UBE2QP1	1.75E-05	9.20E-06	5.81678	5.81678	1 up vs 2	112.526	10.971	0.292491	1
cg19300195	VWF	3.97E-05	1.58E-05	5.64712	5.64712	1 up vs 2	84.9217	9.63299	0.340302	1
cg19306864	KIF1B;KIF1B	2.17E-06	7.90E-07	0.158213	-6.32058	1 down vs 2	458.226	6.06166	0.0330713	1
cg19308497	ATP1A4;ATP1A4	2.47E-05	9.94E-06	7.88206	7.88206	1 up vs 2	100.023	13.7721	0.413066	1
cg19357865	MIR27A;MIR24-2	4.82E-06	5.27E-06	6.23268	6.23268	1 up vs 2	174.647	15.2016	0.261126	1
cg19390821	COQ10A;COQ10A;COQ10A	1.53E-06	6.20E-07	6.12109	6.12109	1 up vs 2	257.243	10.63	0.123968	1
cg19496059	CDC42EP4	7.18E-05	3.21E-05	0.111565	-8.96335	1 down vs 2	69.1639	16.1041	0.698521	1
cg19622078	PPP1R8;PPP1R8;PPP1R8;PPP1R8;PPP1R8	0.00018125	7.22E-05	1.31E-11	-7.62E+10	1 down vs 2	146.556	1075.5	14.677	1
cg19636887	HAUS7;TREX2	0.00012126	7.35E-05	0.000186	-5376.46	1 down vs 2	57.6105	274.845	14.3122	1
cg19759064	PHKG1;PHKG1	0.00015393	6.11E-05	0.0634327	-15.7647	1 down vs 2	52.9782	24.4083	1.38217	1
cg19862213	DNMT3A;DNMT3A;DNMT3A	4.44E-07	4.19E-06	0.11032	-9.06452	1 down vs 2	390.254	45.5912	0.350473	1
cg19880899	UGP2;UGP2	1.59E-05	6.09E-06	1.79E-28	-5.59E+27	1 down vs 2	205.215	7419.93	90.3922	1
cg19924335	C7orf30	6.92E-05	2.41E-05	2.98E-10	-3.35E+09	1 down vs 2	112.818	840.986	18.6359	1
cg19938277	ASAH1;ASAH1;ASAH1;ASAH1;ASAH1	2.27E-06	9.16E-07	6.10468	6.10468	1 up vs 2	225.135	10.5823	0.141012	1
cg19956158	TRIM26	7.40E-05	5.28E-05	0.100825	-9.91821	1 down vs 2	68.4665	20.7451	0.908989	1
cg19965810	KCNH7;KCNH7	6.41E-05	2.47E-05	0.19122	-5.22959	1 down vs 2	71.9557	8.69997	0.362722	1
cg19999645	GJD2	1.55E-05	1.53E-05	0.123168	-8.11902	1 down vs 2	117.287	19.2504	0.492394	1
cg20012028	UNC84B	6.03E-05	2.36E-05	5.2585	5.2585	1 up vs 2	73.5021	8.80797	0.359499	1
cg20025072	METTL10	2.34E-07	8.37E-08	5.38948	5.38948	1 up vs 2	483.835	8.81912	0.0546826	1
cg20042281	NFKBIL1;NFKBIL1;ATP6V1G2;NFKBIL1;ATP6V1G2;NFKBIL1	1.89E-06	7.84E-07	5.26752	5.26752	1 up vs 2	239.776	9.02393	0.112904	1
cg20062057	NRXN1;NRXN1;NRXN1	2.89E-05	1.04E-05	0.134135	-7.45519	1 down vs 2	94.7717	12.5388	0.396917	1
cg20063462	TMEM87B	0.00017656	7.67E-05	6.62E-06	-150990	1 down vs 2	76.7834	271.765	8.84844	1
cg20075859	IL17RD	3.96E-05	1.46E-05	6.2168	6.2168	1 up vs 2	85.0313	10.455	0.368862	1
cg20177485	GAK	1.25E-05	5.06E-06	0.201721	-4.95734	1 down vs 2	126.168	8.29271	0.197183	1
cg20192362	C15orf42	3.08E-05	1.26E-05	6.36282	6.36282	1 up vs 2	92.6835	11.1076	0.359535	1
cg20242307	RPS9	7.54E-08	4.85E-08	0.109065	-9.16881	1 down vs 2	707.163	18.579	0.0788176	1
cg20267441	VAX2	8.77E-05	3.28E-05	0.170034	-5.88119	1 down vs 2	64.5224	9.87854	0.459307	1
cg20275558	TMEM126B;DLG2	6.96E-05	2.62E-05	0.0967618	-10.3347	1 down vs 2	69.943	17.2036	0.737896	1
cg20337021	KIAA1826	3.77E-05	3.11E-05	7.77971	7.77971	1 up vs 2	86.4325	17.407	0.604183	1
cg20350165	NDUFB2	2.03E-05	8.28E-06	5.68852	5.68852	1 up vs 2	107.047	9.81663	0.275113	1
cg20359930	AEBP1	0.00026707	8.91E-05	0.112807	-8.86467	1 down vs 2	43.5848	14.364	0.988692	1
cg20409636	CDK4	7.05E-06	2.95E-06	0.198737	-5.03178	1 down vs 2	153.453	8.55348	0.16722	1
cg20431092	TRAM2	5.25E-06	1.94E-06	0.184354	-5.42433	1 down vs 2	169.66	8.98641	0.158901	1
cg20445950	RGS10	0.00020097	9.64E-05	5.73431	5.73431	1 up vs 2	48.2164	10.4661	0.651196	1
cg20470275	SNX24	7.25E-08	8.44E-08	0.190239	-5.25655	1 down vs 2	716.336	12.7092	0.053226	1
cg20471297	DYNC1H1	4.62E-05	2.24E-05	0.155465	-6.43231	1 down vs 2	80.6089	11.9327	0.444097	1
cg20482521	SORCS3	4.87E-05	1.90E-05	0.167831	-5.95836	1 down vs 2	79.1594	10.1722	0.385509	1
cg20541723	CADM2;CADM2	5.19E-06	2.01E-06	6.03728	6.03728	1 up vs 2	170.233	10.3102	0.181695	1
cg20554926	HMMR;HMMR;NUDCD2;HMMR;HMMR	5.73E-06	2.22E-06	1.06E-33	-9.44E+32	1 down vs 2	309.858	10538.6	85.028	1
cg20575915	RAPH1;RAPH1;RAPH1;RAPH1	2.04E-07	2.48E-07	4.8156	4.8156	1 up vs 2	506.482	11.5746	0.068559	1
cg20695238	CLN6;CALML4;CALML4	9.68E-06	3.68E-06	5.75527	5.75527	1 up vs 2	137.76	9.70484	0.211343	1
cg20721338	PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML;PML	0.00015122	5.83E-05	7.23E-13	-1.38E+12	1 down vs 2	81.8519	1421.36	43.4126	1
cg20740024	SLC1A2	7.50E-05	6.26E-05	0.130828	-7.64363	1 down vs 2	68.1303	17.2257	0.758503	1
cg20992873	ZNF84;ZNF84	7.67E-05	3.06E-05	5.58522	5.58522	1 up vs 2	108.173	9.36815	0.216508	1
cg21048949	BACE1;BACE1;BACE1;BACE1	1.09E-06	6.26E-07	0.18645	-5.36336	1 down vs 2	288.363	10.2765	0.106912	1
cg21051989	RRAGD;RRAGD	1.06E-07	4.00E-08	0.170244	-5.87392	1 down vs 2	631.622	9.93495	0.0471878	1
cg21112440	ZNF641	2.04E-06	1.49E-06	0.150341	-6.65153	1 down vs 2	233.709	14.2138	0.182455	1
cg21126118	SOD2;SOD2;SOD2	6.72E-05	7.33E-05	0.130667	-7.65306	1 down vs 2	70.7842	18.9371	0.802598	1
cg21164095	BAI2	0.00026928	0.00010833	0.0225012	-44.442	1 down vs 2	43.4574	46.3987	3.20305	1
cg21171373	WDR5B	0.0002221	8.25E-05	6.58233	6.58233	1 up vs 2	46.538	11.1312	0.717558	1
cg21243198	HEATR2	6.27E-06	9.43E-06	0.200876	-4.97819	1 down vs 2	159.692	13.0517	0.245192	1
cg21273088	LAPTM4A	3.42E-06	1.42E-06	5.46391	5.46391	1 up vs 2	196.12	9.42888	0.144232	1
cg21276022	TMEM8C	1.23E-07	1.33E-07	0.200485	-4.98789	1 down vs 2	599.681	11.6169	0.0581152	1
cg21318213	NR2F2;NR2F2;NR2F2;MIR1469;NR2F2	1.35E-05	4.97E-06	4.98337	4.98337	1 up vs 2	123.14	8.09765	0.197279	1
cg21377936	FOXK1	8.21E-05	3.15E-05	0.143449	-6.97111	1 down vs 2	66.0164	11.9696	0.543936	1
cg21408716	PPM1M;PPM1M	6.13E-08	8.96E-08	0.211538	-4.72728	1 down vs 2	757.996	12.0206	0.0475753	1
cg21439498	MGC2752	1.69E-05	6.82E-06	6.00467	6.00467	1 up vs 2	113.879	10.388	0.273661	1
cg21441256	MRPL42;MRPL42;MRPL42	1.80E-05	3.50E-05	0.149318	-6.69713	1 down vs 2	111.46	20.103	0.541084	1
cg21495568	SAP18	0.00017571	7.96E-05	3.46E+06	3.46E+06	1 up vs 2	476.654	393.864	1.23946	1
cg21594558	ZBTB5	7.73E-07	1.16E-06	0.219929	-4.54693	1 down vs 2	323.816	11.5531	0.107034	1
cg21604358	HPCA	3.73E-05	2.47E-05	6.08695	6.08695	1 up vs 2	86.7624	12.5022	0.432292	1

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cg21642649	C21orf66;C21orf66;C21orf49;C21orf66;C21orf66;C21orf49;C21orf66	9.41E-08	4.80E-08	4.82229	4.82229	1 up vs 2	656.623	8.66848	0.0396049	1
cg21648401	SLC30A10	1.07E-05	1.05E-05	0.160834	-6.21759	1 down vs 2	133.058	14.6343	0.329954	1
cg21650422	EPC2	6.52E-05	2.71E-05	4.72E-11	-2.12E+10	1 down vs 2	115.568	1060.55	22.942	1
cg21719344	KIAA1949;KIAA1949	1.76E-05	5.96E-06	0.103968	-9.61838	1 down vs 2	112.272	15.6015	0.416883	1
cg21755457	ATF7;ATF7	9.12E-07	9.40E-07	5.12046	5.12046	1 up vs 2	306.33	11.8392	0.115945	1
cg21774377	UHRF1BP1	3.39E-06	1.27E-06	5.19406	5.19406	1 up vs 2	196.706	8.55431	0.130463	1
cg21774754	BATF3	2.21E-07	7.70E-08	7.13E-07	-1.40E+06	1 down vs 2	1146.68	351.141	0.765562	1
cg21799053	RHOBTB2;RHOBTB2;RHOBTB2	1.72E-06	7.04E-07	0.194058	-5.15311	1 down vs 2	247.511	8.74736	0.106024	1
cg21830797	EIF2AK4	1.61E-05	7.30E-06	1.86E-14	-5.38E+13	1 down vs 2	203.987	1943.65	23.8208	1
cg21951330	L3MBTL3;L3MBTL3	2.79E-08	3.99E-08	0.19951	-5.01229	1 down vs 2	986.709	12.8541	0.0390816	1
cg22035501	APC;APC;APC	1.07E-05	4.81E-06	0.069912	-14.3037	1 down vs 2	133.285	23.7815	0.53528	1
cg22040823	RER1	2.99E-07	2.12E-05	0.367372	-2.72204	1 down vs 2	445.661	18.7227	0.126033	1
cg22043275	EXOC6B	3.26E-05	6.88E-05	0.0521794	-19.1647	1 down vs 2	90.8842	50.0634	1.65254	1
cg22069989	DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD;DMD	7.39E-05	3.22E-05	1.16E-07	-8.62E+06	1 down vs 2	68.4875	846.246	37.0686	1
cg22114264	SUMO2;SUMO2	4.46E-07	1.78E-07	5.5528	5.5528	1 up vs 2	389.597	9.46831	0.0729085	1
cg22176895	PROX1;PROX1	0.00011448	4.87E-05	5.10663	5.10663	1 up vs 2	58.7842	8.74873	0.446484	1
cg22232616	SCRIB;SCRIB	0.00024071	8.72E-05	881569	881569	1 up vs 2	67.5395	332.018	12.2898	1
cg22343299	C1orf159	1.16E-06	4.05E-07	0.173966	-5.74824	1 down vs 2	282.623	9.43288	0.100128	1
cg22356593	KCTD3	4.42E-06	2.16E-06	0.150838	-6.62961	1 down vs 2	179.844	12.3545	0.206087	1
cg22397854	OSCP1;OSCP1	2.91E-05	2.26E-05	6.92975	6.92975	1 up vs 2	94.5082	15.168	0.481481	1
cg22435785	CAPZA1;ST7L;ST7L;ST7L;ST7L;ST7L;ST7L;ST7L;ST7L	3.11E-05	5.44E-05	5.07585	5.07585	1 up vs 2	92.3776	14.178	0.460435	1
cg22455250	LLGL2;LLGL2;LLGL2	0.00011096	8.62E-05	2.38E-08	-4.19E+07	1 down vs 2	59.4303	1252.48	63.2242	1
cg22470850	FAM59B	0.00025286	0.00010592	0.00141085	-708.79	1 down vs 2	44.4416	140.868	9.50923	1
cg22487209	ELP3;ELP3	3.71E-07	1.61E-07	59433.8	59433.8	1 up vs 2	3283.43	216.662	0.131973	1
cg22534681	ANKRD28	0.0002041	7.19E-05	0.0258154	-38.7365	1 down vs 2	47.9535	41.1336	2.57334	1
cg22539434	GLI3	2.86E-06	1.49E-06	6.21824	6.21824	1 up vs 2	208.417	11.7926	0.169746	1
cg22663117	MRPL12;MRPL12	1.60E-06	1.21E-06	0.168313	-5.94133	1 down vs 2	253.237	12.6863	0.150289	1
cg22690576	BLM	1.29E-06	6.25E-07	5.50135	5.50135	1 up vs 2	272.51	10.0049	0.110142	1
cg22753825	C8orf76	6.02E-05	5.41E-05	0.187825	-5.32411	1 down vs 2	119.435	11.5225	0.241186	1
cg22828147	CDYL;CDYL	2.83E-06	1.26E-06	0.21101	-4.73911	1 down vs 2	209.141	8.09521	0.116121	1
cg22864672	C1orf168	0.00014878	6.11E-05	7.14572	7.14572	1 up vs 2	53.616	12.5633	0.702961	1
cg22909962	RPL7L1	1.04E-06	4.00E-07	5.62822	5.62822	1 up vs 2	293.33	9.51619	0.0973259	1
cg22929104	ZBTB11;LOC100009676	1.26E-05	1.18E-05	6.14162	6.14162	1 up vs 2	126.075	14.2428	0.338912	1
cg22937172	HDAC4	1.13E-05	5.30E-06	6.61028	6.61028	1 up vs 2	130.765	12.1511	0.27877	1
cg22996718	MYO18B;MYO18B	3.33E-06	2.82E-06	0.139514	-7.16775	1 down vs 2	197.925	16.1439	0.244698	1
cg23053723	RGS9;RGS9;RGS9;RGS9;RGS9;RGS9	7.53E-07	2.99E-07	5.07344	5.07344	1 up vs 2	326.767	8.49216	0.0779651	1
cg23079217	SYT1;SYT1	4.45E-07	1.72E-07	0.194582	-5.13921	1 down vs 2	389.999	8.55309	0.0657931	1
cg23127249	NPPC	5.96E-06	8.37E-06	0.180439	-5.54203	1 down vs 2	162.431	14.5035	0.267871	1
cg23168649	MRPL47;NDUFB5;MRPL47	2.67E-05	1.04E-05	9.03E-18	-1.11E+17	1 down vs 2	166.301	2817.91	42.3615	1
cg23209098	CYP46A1	7.44E-07	3.44E-07	0.180412	-5.54287	1 down vs 2	328.117	9.9362	0.0908474	1
cg23291322	NDUFA3	3.18E-05	1.26E-05	3.90E-11	-2.56E+10	1 down vs 2	154.878	1058.96	17.0934	1
cg23317614	PCSK4	5.21E-05	1.88E-05	3.29E-10	-3.04E+09	1 down vs 2	77.3331	1481.56	57.4743	1
cg23345500	MIAT	0.00011597	6.64E-05	7.12E-05	-14051.5	1 down vs 2	629.27	185.359	0.441842	1
cg23402311	IMPA1;IMPA1;IMPA1	5.89E-07	2.33E-07	5.11685	5.11685	1 up vs 2	354.985	8.56536	0.0723864	1
cg23418066	F10	0.00016175	7.35E-05	2.94E-07	-3.40E+06	1 down vs 2	52.0605	761.305	43.8704	1
cg23486345	C6orf168;C6orf168	7.96E-08	9.27E-08	0.22727	-4.40005	1 down vs 2	694.26	10.1342	0.0437915	1
cg23505890	MUPCDH;MUPCDH	5.33E-05	5.32E-05	7.25232	7.25232	1 up vs 2	76.7268	17.3864	0.679803	1
cg23513567	NXN	6.08E-06	7.36E-06	0.187159	-5.34304	1 down vs 2	161.413	13.2062	0.245448	1
cg23517298	DGKG;DGKG;DGKG	8.90E-06	4.40E-06	6.007	6.007	1 up vs 2	141.758	11.1417	0.235789	1
cg23574897	LBX1;FLJ41350	3.15E-05	1.94E-05	0.0468116	-21.3622	1 down vs 2	155.523	33.0503	0.531275	1
cg23656050	JAG2;JAG2	4.79E-07	4.92E-07	0.166686	-5.9993	1 down vs 2	380.341	14.2194	0.112158	1
cg23719950	MACROD1	1.62E-06	2.73E-06	0.210939	-4.7407	1 down vs 2	252.628	12.7237	0.151096	1
cg23747525	LOC388796;SNORA71D;LOC388796	0.00023877	9.67E-05	1.13E+06	1.13E+06	1 up vs 2	127.432	335.524	5.26593	1
cg23832862	IFT81;IFT81;IFT81	0.00023558	0.00010623	1.98E-23	-5.05E+22	1 down vs 2	391.748	4735.08	18.1306	1
cg23873523	CD81	1.36E-05	5.31E-06	0.167231	-5.97977	1 down vs 2	122.713	10.2321	0.250147	1
cg23972904	PCDH24	1.16E-05	5.09E-06	6.59783	6.59783	1 up vs 2	129.442	11.8361	0.274319	1
cg24003632	TMBIM4	0.00013382	5.54E-05	8.33E-18	-1.20E+17	1 down vs 2	170.889	2814.34	32.9375	1
cg24025538	PNKP	0.00010324	4.43E-05	0.154836	-6.45845	1 down vs 2	60.9503	11.487	0.565396	1
cg24041269	HLTF;HLTF	1.52E-05	6.63E-06	5.97198	5.97198	1 up vs 2	118.22	10.6185	0.269458	1

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cg24085946	NFASC;NFASC;NFASC;NFASC;NFASC;NFASC;NFASC;NFASC;NFASC;NFASC	1.25E-07	5.24E-08	4.70871	4.70871	1 up vs 2	597.422	7.87784	0.0395592	1
cg24091954	PLXNA4	5.50E-05	8.06E-05	5.66801	5.66801	1 up vs 2	75.892	15.2574	0.603123	1
cg24128093	MUM1;MUM1	4.44E-05	1.92E-05	6.39E-13	-1.57E+12	1 down vs 2	135.181	1504.17	27.8178	1
cg24148474	TXNL4A	2.59E-06	1.03E-06	0.179572	-5.56881	1 down vs 2	215.404	9.48869	0.132152	1
cg24179065	SRPK1	8.73E-05	3.29E-05	4.77114	4.77114	1 up vs 2	64.627	7.70323	0.357586	1
cg24271378	HPCAL1;HPCAL1	3.22E-06	1.72E-06	0.153318	-6.5224	1 down vs 2	200.2	12.5215	0.187635	1
cg24394020	PIM3	1.67E-05	2.19E-05	0.147831	-6.76449	1 down vs 2	114.303	17.6995	0.46454	1
cg24401912	STYK1	3.16E-05	1.20E-05	5.09582	5.09582	1 up vs 2	91.8935	8.40697	0.274458	1
cg24434901	RNF175	0.00020213	7.11E-05	0.139799	-7.15313	1 down vs 2	48.1188	11.907	0.742352	1
cg24481441	SFRS4	0.00019092	8.46E-05	0.002257	-443.067	1 down vs 2	49.1001	123.882	7.56914	1
cg24512794	ICA1L	9.84E-05	4.66E-05	9.46928	9.46928	1 up vs 2	61.9801	17.257	0.835287	1
cg24536818	KIAA0748;KIAA0748	2.11E-06	2.17E-06	5.65905	5.65905	1 up vs 2	230.895	13.3425	0.173358	1
cg24537231	SNX4	0.00016728	0.00010727	4.79322	4.79322	1 up vs 2	51.4473	9.33913	0.544584	1
cg24563317	MCM4;MCM4;PRKDC;PRKDC	1.72E-06	7.01E-07	5.02808	5.02808	1 up vs 2	247.317	8.46758	0.102713	1
cg24572995	MBNL1;LOC401093;LOC401093;MBNL1	6.31E-05	4.48E-05	5.38386	5.38386	1 up vs 2	72.3702	11.1499	0.462203	1
cg24616879	NEBL	0.000133	7.69E-05	0.232506	-4.30096	1 down vs 2	55.7726	7.79771	0.419438	1
cg24642916	NOTCH4;GPSM3	3.06E-06	1.32E-06	0.209428	-4.77491	1 down vs 2	203.751	8.09981	0.11926	1
cg24658280	CCDC27	4.00E-05	6.58E-05	0.133291	-7.50237	1 down vs 2	84.7022	21.394	0.757737	1
cg24666276	MYC	9.72E-06	1.01E-05	0.178929	-5.5888	1 down vs 2	137.589	13.2166	0.288176	1
cg24679395	CHST1	3.40E-07	1.19E-07	5.44251	5.44251	1 up vs 2	426.988	8.86457	0.0622821	1
cg24686009	RAP1B;RAP1B	8.12E-05	3.44E-05	5.62514	5.62514	1 up vs 2	66.2789	9.80529	0.443819	1
cg24703168	ZSCAN23	0.00019487	7.63E-05	0.0674977	-14.8153	1 down vs 2	48.7456	23.208	1.42832	1
cg24709703	RBM25;RBM25	2.14E-05	2.65E-05	5.43624	5.43624	1 up vs 2	105.053	13.6353	0.389384	1
cg24739935	SYT1;SYT1;SYT1	3.05E-06	1.18E-06	9.78484	9.78484	1 up vs 2	203.776	16.5668	0.243898	1
cg24755266	IL12RB1;IL12RB1	5.61E-06	2.27E-06	5.2477	5.2477	1 up vs 2	165.82	8.89275	0.160887	1
cg24848602	RGS16;RGS16	2.86E-05	2.45E-05	0.158313	-6.31659	1 down vs 2	95.1294	14.2501	0.449391	1
cg24924631	BCL2A1;BCL2A1	5.18E-05	8.02E-05	6.21058	6.21058	1 up vs 2	77.4553	17.2235	0.6671	1
cg24975564	PDE3A	1.82E-05	6.79E-06	0.177191	-5.64362	1 down vs 2	111.071	9.43062	0.254719	1
cg24980551	CDC42BPG	7.01E-05	8.34E-05	0.00057314	-1744.77	1 down vs 2	69.7666	262.852	11.3027	1
cg25018209	SSU72	5.50E-05	2.81E-05	5.95719	5.95719	1 up vs 2	75.9072	11.1659	0.441297	1
cg25048531	LOC440839	2.71E-05	9.13E-06	0.139684	-7.15899	1 down vs 2	96.8253	11.77	0.364677	1
cg25053798	PPM1K	0.00019374	8.01E-05	2.27E-13	-4.40E+12	1 down vs 2	141.689	1540.98	21.7517	1
cg25092247	ZFYVE20;ZFYVE20	0.00020993	8.29E-05	0.0216081	-46.2789	1 down vs 2	47.477	47.0955	2.97589	1
cg25301406	DNER	1.05E-06	2.26E-06	0.198201	-5.04539	1 down vs 2	292.471	14.9437	0.153284	1
cg25327233	C10orf28	3.13E-05	1.71E-05	5.62229	5.62229	1 up vs 2	92.1585	10.6977	0.348239	1
cg25438371	KCNJ14;KCNJ14	8.22E-08	4.65E-08	0.1447	-6.91085	1 down vs 2	686.99	13.5457	0.0591522	1
cg25456728	ARSG	3.08E-05	1.18E-05	6.44688	6.44688	1 up vs 2	92.7021	11.0252	0.356793	1
cg25535652	EPHA7	4.69E-06	1.72E-06	0.169009	-5.91686	1 down vs 2	176.168	9.90071	0.168601	1
cg25598624	FAM66A	8.44E-07	3.63E-07	5.36396	5.36396	1 up vs 2	314.48	9.32794	0.0889843	1
cg25631249	SERINC4;C15orf63;C15orf63	1.73E-05	8.50E-06	4.97064	4.97064	1 up vs 2	113.024	8.89733	0.236162	1
cg25640699	ATP5G2;ATP5G2;ATP5G2	1.28E-05	5.78E-06	0.160947	-6.21324	1 down vs 2	125.177	11.2064	0.268572	1
cg25641269	DGKG;DGKG;DGKG	2.17E-05	1.70E-05	0.10958	-9.12572	1 down vs 2	104.567	19.8528	0.569575	1
cg25754862	HYAL3;NAT6;HYAL3	5.38E-05	3.96E-05	0.124298	-8.04516	1 down vs 2	76.4812	17.3084	0.678926	1
cg25789882	MORF4L1;MORF4L1	1.31E-05	1.56E-05	10.9533	10.9533	1 up vs 2	221.702	16.4625	0.185638	1
cg25811402	NFKB2;NFKB2	1.92E-06	7.94E-07	6.26136	6.26136	1 up vs 2	238.331	10.9766	0.138169	1
cg25829666	THRB;THRB;THRB	1.63E-05	9.43E-06	9.86233	9.86233	1 up vs 2	203.161	18.0059	0.221571	1
cg25863070	C7orf50;C7orf50;C7orf50	0.00012188	8.45E-05	6.65954	6.65954	1 up vs 2	57.5084	14.0447	0.732657	1
cg25924217	NPTX1	1.27E-05	5.22E-06	0.15307	-6.53296	1 down vs 2	125.732	11.4804	0.273926	1
cg25969460	AHCYL2;AHCYL2;AHCYL2;AHCYL2	1.04E-05	5.93E-06	6.68045	6.68045	1 up vs 2	134.29	13.1088	0.292847	1
cg26017457	MED11	6.15E-06	9.82E-06	0.176031	-5.68082	1 down vs 2	160.708	15.5971	0.291158	1
cg26039305	MIR670	0.00014754	9.09E-05	9.21684	9.21684	1 up vs 2	53.7745	18.4905	1.03155	1
cg26057283	VPS37D	1.22E-05	5.08E-06	0.1963	-5.09425	1 down vs 2	127.238	8.65926	0.204167	1
cg26082320	OXA1L	1.58E-07	9.78E-08	0.174062	-5.74508	1 down vs 2	551.584	11.4143	0.0620809	1
cg26097364	ZNF337	4.75E-05	6.67E-05	0.189996	-5.26326	1 down vs 2	79.8561	13.766	0.517155	1
cg26118367	HDAC4	5.49E-08	3.96E-08	0.153105	-6.53147	1 down vs 2	786.495	13.8539	0.0528441	1
cg26149728	TMEM39A	2.06E-06	1.44E-06	0.163222	-6.12662	1 down vs 2	232.614	12.8036	0.165127	1
cg26221637	SSU72	7.03E-06	8.30E-06	0.190048	-5.26183	1 down vs 2	153.628	12.8618	0.251162	1
cg26387473	ZNF585B	1.49E-07	5.16E-08	5.87634	5.87634	1 up vs 2	563.476	9.65693	0.0514144	1
cg26397250	PDE6B;PDE6B	0.00014745	5.28E-05	0.12003	-8.33127	1 down vs 2	53.7855	13.914	0.776082	1
cg26407106	ARFIP1;ARFIP1;TIGD4;ARFIP1	4.06E-05	2.11E-05	3.52E-32	-2.84E+31	1 down vs 2	1268.16	9370.89	11.0841	1
cg26459229	C12orf75	1.87E-05	1.46E-05	0.348446	-2.86988	1 down vs 2	110.041	4.50999	0.122954	1
cg26459430	FSTL3	3.40E-08	3.33E-08	0.189253	-5.28393	1 down vs 2	922.863	12.061	0.0392072	1
cg26483081	TMEM161B	8.73E-06	3.43E-06	4.97569	4.97569	1 up vs 2	142.696	8.25415	0.173533	1
cg26512479	CYTH3	0.00013154	0.00010684	0.112456	-8.89238	1 down vs 2	55.9888	19.7313	1.05724	1
cg26645494	AEBP1	1.04E-05	4.29E-06	6.74961	6.74961	1 up vs 2	134.311	11.8714	0.265163	1
cg26671687	SSBP3;SSBP3;SSBP3	1.80E-07	1.80E-05	0.473236	-2.11311	1 down vs 2	527.89	11.6975	0.0664769	1

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cg26705583	SGTB;NLN	5.40E-07	2.17E-07	4.96115	4.96115	1 up vs 2	365.481	8.28722	0.0680244	1
cg26727980	DKKL1;TEAD2	9.35E-06	3.80E-06	1.89E-10	-5.28E+09	1 down vs 2	254.271	933.165	9.17492	1
cg26771583	BEST2	0.0001647	6.21E-05	2.12E-19	-4.71E+18	1 down vs 2	153.844	3207.59	41.6994	1
cg26787449	BAD;BAD	1.18E-08	4.73E-09	4.75384	4.75384	1 up vs 2	1315.09	7.85221	0.0179126	1
cg26831081	TAF4	1.34E-07	1.13E-07	0.22947	-4.35788	1 down vs 2	1401.56	9.27281	0.0165401	1
cg26831220	IL34	0.00021685	9.72E-05	0.132762	-7.53228	1 down vs 2	46.9347	13.6583	0.873018	1
cg26849830	SSH1	8.65E-07	3.06E-07	0.0992944	-10.0711	1 down vs 2	311.862	16.5211	0.158927	1
cg26863013	OR10H2	7.80E-05	9.51E-05	8.5557	8.5557	1 up vs 2	67.2267	21.9386	0.979014	1
cg26872977	MKS1;MKS1	2.00E-07	8.56E-08	4.79243	4.79243	1 up vs 2	510.233	8.11222	0.0476972	1
cg26918442	ADAL;ADAL;LCMT2;LCMT2	7.96E-07	3.71E-07	5.54921	5.54921	1 up vs 2	320.702	9.97591	0.0933194	1
cg26919347	STBD1	8.44E-06	4.32E-06	0.197775	-5.05624	1 down vs 2	265.026	8.58571	0.0809892	1
cg26933795	POP5;POP5	2.81E-05	1.20E-05	8.67777	8.67777	1 up vs 2	95.6614	15.3946	0.482785	1
cg26971928	RBPMS;RBPMS;RBPMS;RBPMS	1.16E-05	1.34E-05	0.173758	-5.75515	1 down vs 2	129.66	14.214	0.328876	1
cg27076139	ADCYAP1R1	8.40E-05	4.09E-05	5.08001	5.08001	1 up vs 2	104.235	8.46659	0.203066	1
cg27107150	TPSG1	2.32E-06	2.42E-06	5.63778	5.63778	1 up vs 2	223.759	13.3536	0.179036	1
cg27108600	PPP1CA;PPP1CA;PPP1CA	2.74E-05	2.87E-05	0.175067	-5.71209	1 down vs 2	96.5022	13.6438	0.424151	1
cg27108998	PRDM15;PRDM15	6.45E-06	7.47E-05	0.0295179	-33.8778	1 down vs 2	158.134	127.648	2.42164	1
cg27121959	PGR	7.72E-05	5.95E-05	0.131804	-7.58701	1 down vs 2	67.4528	16.6303	0.739643	1
cg27206345	VPS25	8.42E-06	3.63E-06	21.3403	21.3403	1 up vs 2	687.3	16.7128	0.0486331	1
cg27224392	SFXN2;SFXN2;ARL3	1.04E-05	1.14E-05	5.58757	5.58757	1 up vs 2	134.449	13.4934	0.301081	1
cg27245606	LTB;LTB	9.76E-06	8.21E-06	0.146858	-6.80932	1 down vs 2	137.357	15.2882	0.333907	1
cg27253670	SOX21	1.55E-06	2.30E-06	0.195344	-5.11918	1 down vs 2	256.432	13.4081	0.156861	1
cg27265118	SETMAR;SETMAR	2.94E-07	4.56E-07	0.15335	-6.52103	1 down vs 2	448.165	17.8956	0.119792	1
cg27289662	OCA2	0.00020093	8.25E-05	6.82561	6.82561	1 up vs 2	48.2199	11.9787	0.745255	1
cg27372468	SLC22A4;SLC22A4	5.77E-05	5.75E-05	5.95033	5.95033	1 up vs 2	74.6383	14.0849	0.566128	1
cg27462405	SEMA5A	1.29E-06	1.52E-06	4.99909	4.99909	1 up vs 2	272.429	12.0264	0.132435	1
cg27627570	CERCAM	5.23E-05	6.97E-05	7.11908	7.11908	1 up vs 2	77.2347	18.8858	0.733576	1
cg27655921	C15orf59	1.09E-05	2.48E-05	0.196315	-5.09386	1 down vs 2	132.487	15.5432	0.351957	1
cg27658391	TMCO6	0.00015343	6.15E-05	0.153523	-6.51367	1 down vs 2	53.0389	11.3113	0.639796	1
cg27662875	IRF3	7.11E-05	2.72E-05	0.13529	-7.39153	1 down vs 2	69.4176	12.6861	0.54825	1
ch.15.481908R	UBR1	9.67E-05	4.14E-05	2.88E-21	-3.47E+20	1 down vs 2	201.373	3975.64	39.4854	1
ch.19.683370F	RAB8A	4.60E-05	1.94E-05	4.66293	4.66293	1 up vs 2	80.6982	7.77413	0.289008	1
ch.3.3596501R	EIF4G1;SNORD66;EIF4G1;EIF4G1;EIF4G1;EIF4G1	0.0002126	9.20E-05	3.43E-13	-2.92E+12	1 down vs 2	419.604	1388.28	4.96284	1
ch.7.8314F	FAM20C	4.17E-07	1.81E-07	4.71175	4.71175	1 up vs 2	398.587	7.97263	0.0600066	1
ch.X.1002740R	HEPH;HEPH;HEPH	2.89E-06	1.32E-06	2.74E-33	-3.66E+32	1 down vs 2	7396.75	9835.12	1.99448	1