

Table S3. List of DMCs from HM450 data.

Taeget_ID	chr	locus	FDR $P$	$\Delta\beta^*$	$\Delta\beta^*$ of paired samples	HM27 <sup>#</sup> _FDR $P$	HM27 <sup>#</sup> _ $\Delta\beta^*$	SNP locus	Gene Symbol	Genomic region
cg12539796	5	7,850,203	4.82E-43	0.697	0.704				<i>C5orf49</i>	Body
cg14117138	19	46,800,085	1.11E-62	0.650	0.650				<i>HIF3A</i>	TSS1500
cg03596016	1	246,952,362	4.41E-71	0.635	0.611				<i>LOC149134</i>	TSS1500
cg17355294	19	51,416,098	4.84E-32	0.614	0.621					
cg26388816	12	570,155	6.49E-38	0.612	0.577				<i>B4GALNT3</i>	Body
cg16596604	16	21,294,947	2.22E-38	0.605	0.602				<i>CRYM</i>	5'UTR
cg22473620	19	46,379,929	9.64E-63	0.603	0.583					
cg00817367	12	52,401,214	5.25E-77	0.603	0.586				<i>GRASP</i>	Body
cg11863717	10	73,725,041	7.77E-16	0.598	0.615				<i>CHST3</i>	5'UTR
cg22260952	12	104,852,446	2.1E-36	0.597	0.565				<i>CHST11</i>	Body
cg24033558	15	45,479,755	1.06E-46	0.596	0.565				<i>SHF</i>	Body
cg26786980	3	25,469,872	2.72E-43	0.596	0.601				<i>RARB</i>	5'UTR
cg01030534	7	143,579,698	2.64E-72	0.594	0.597				<i>FAM115A</i>	5'UTR
cg08901662	2	131,595,321	1.12E-59	0.590	0.542					
cg04223671	1	201,509,316	3.32E-10	0.590	0.512					
cg03514404	7	143,579,665	8.21E-45	0.588	0.571				<i>FAM115A</i>	5'UTR
cg18525352	12	106,533,867	1.28E-52	0.585	0.573				<i>NUAK1</i>	TSS200
cg23855505	12	104,852,439	1.19E-65	0.585	0.556				<i>CHST11</i>	Body
cg10069493	10	45,914,688	4.86E-22	0.584	0.540				<i>ALOX5</i>	Body
cg00675569	10	45,914,840	1.91E-30	0.578	0.566				<i>ALOX5</i>	Body
cg13506653	4	54,965,863	5.48E-06	0.578	0.633				<i>GSX2</i>	TSS1500
cg05415131	11	58,940,866	5.79E-74	0.578	0.575				<i>DTX4</i>	Body
cg20601919	2	219,646,831	0.001593	0.577	0.407				<i>CYP27A1</i>	5'UTR
cg18856388	5	1,875,886	3.42E-17	0.576	0.538					
cg04497116	6	1,625,574	1.37E-13	0.575	0.546				<i>GMDS</i>	Body
cg05618150	Y	7,140,718	9.57E-24	0.575	0.569				<i>PRKY</i>	TSS1500
cg23241781	14	70,653,964	1.76E-41	0.574	0.578				<i>SLC8A3</i>	5'UTR
cg24396624	3	25,469,860	3.55E-58	0.573	0.565				<i>RARB</i>	5'UTR
cg20883831	7	150,652,948	3.61E-22	0.572	0.564				<i>KCNH2</i>	TSS200
cg25737323	2	29,338,100	1.13E-06	0.572	0.440				<i>CLIP4</i>	TSS1500
cg05064925	X	107,681,469	3.3E-46	0.572	0.566				<i>COL4A6</i>	1stExon

cg05306745	17	76,921,845	2.67E-35	0.571	0.539				<i>TIMP2</i>	TSS1500
cg03225210	7	143,579,951	3.57E-46	0.569	0.580				<i>FAM115A</i>	5'UTR
cg09296001	7	127,672,564	2.6E-115	0.569	0.561				<i>SND1</i>	Body
cg01710865	1	48,937,404	1.8E-07	0.568	0.440				<i>SPATA6</i>	Body
cg19897330	5	180,018,201	6.51E-25	0.568	0.575				<i>SCGB3A1</i>	Body
cg13132370	17	46,830,260	1.98E-60	0.567	0.573					
cg14931854	6	42,738,967	3.69E-19	0.567	0.533					
cg27151711	X	47,441,773	0.000218	0.566	0.526				<i>SYN1</i>	Body
cg11450947	X	106,750,342	1.54E-09	0.562	0.598					
cg26537639	16	88,717,374	1.79E-51	0.561	0.539	2.82E-33	0.357		<i>CYBA</i>	1stExon
cg12507655	7	100,465,051	1.18E-50	0.561	0.549				<i>TRIP6</i>	1stExon
cg05270634	17	41,177,445	1.48E-34	0.560	0.538	4.72E-28	0.379		<i>RND2</i>	1stExon
cg21914941	7	158,261,145	6.34E-26	0.559	0.565				<i>PTPRN2</i>	Body
cg24208826	12	54,389,891	3.96E-07	0.558	0.482					
cg15236541	X	73,642,618	1.29E-30	0.557	0.515				<i>SLC16A2</i>	Body
cg24452181	19	48,984,318	1.35E-28	0.554	0.572				<i>CYTH2</i>	3'UTR
cg16277128	1	146,556,479	4.3E-09	0.554	0.524					
cg04194674	17	36,715,953	7.75E-10	0.553	0.461				<i>SRCIN1</i>	Body
cg27493151	19	38,701,994	3.11E-12	0.553	0.607				<i>DPF1</i>	3'UTR
cg03787864	16	88,717,134	1.36E-08	0.552	0.489				<i>CYBA</i>	Body
cg14904662	8	41,655,673	1E-14	0.552	0.481				<i>ANK1</i>	TSS1500
cg05769889	12	89,744,701	1.4E-15	0.550	0.493				<i>DUSP6</i>	Body
cg14936968	3	57,198,533	7E-114	0.550	0.527				<i>IL17RD</i>	Body
cg08843517	16	88,717,464	8.38E-52	0.548	0.532				<i>CYBA</i>	TSS200
cg06484514	21	46,824,278	1E-23	0.547	0.475				<i>COL18A1</i>	TSS1500
cg18582992	15	45,479,642	4.6E-71	0.547	0.552				<i>SHF</i>	Body
cg05127821	10	94,822,908	5.39E-31	0.545	0.525				<i>CYP26C1</i>	Body
cg24180402	17	43,221,464	2.95E-08	0.542	0.426				<i>ACBD4</i>	3'UTR
cg11716106	19	46,380,134	3.08E-82	0.542	0.524					
cg18222083	17	41,364,007	1.97E-13	0.542	0.557				<i>TMEM106A</i>	5'UTR
cg04879832	16	88,717,456	1.03E-92	0.540	0.521				<i>CYBA</i>	1stExon
cg09329826	X	153,094,594	4.81E-29	0.538	0.487				<i>PDZD4</i>	Body
cg15931205	6	29,894,820	2.85E-08	0.538	0.544				<i>HCG4P6</i>	TSS1500
cg22237200	17	7,555,298	7.56E-25	0.538	0.514				<i>ATP1B2</i>	Body

cg07302069	7	27,196,286	1.44E-05	0.538	0.547				<i>HOXA7</i>	5'UTR
cg01934626	5	180,018,562	7.2E-117	0.538	0.534				<i>SCGB3A1</i>	TSS200
cg02245020	7	143,580,147	4.05E-38	0.538	0.537				<i>FAM115A</i>	5'UTR
cg06248767	8	56,852,290	2.45E-26	0.537	0.517				<i>LYN</i>	5'UTR
cg17498803	8	61,822,428	4.56E-17	0.536	0.539					
cg20678442	1	244,893,503	7.17E-06	0.536	0.482					
cg24922143	15	35,014,270	1.93E-59	0.536	0.505					
cg13257636	2	29,338,109	3.77E-08	0.535	0.413				<i>CLIP4</i>	TSS200
cg23428985	2	29,338,113	1.87E-06	0.534	0.408				<i>CLIP4</i>	TSS200
cg02027945	11	20,618,230	8.04E-05	0.534	0.480					
cg12222949	1	184,005,360	4.3E-24	0.533	0.458				<i>GLT25D2</i>	Body
cg00650640	X	13,587,678	7.55E-18	0.532	0.564				<i>EGFL6</i>	TSS200
cg22771999	X	64,888,437	1.5E-36	0.532	0.519				<i>MSN</i>	Body
cg24940138	17	41,363,741	1.65E-18	0.532	0.481				<i>TMEM106A</i>	TSS200
cg23697546	12	54,424,085	1.47E-06	0.531	0.434				<i>HOXC4</i>	5'UTR
cg19156875	17	43,974,446	1.51E-31	0.531	0.496				<i>MAPT</i>	5'UTR
cg24275475	X	107,681,397	1.22E-29	0.531	0.494				<i>COL4A6</i>	Body
cg16755500	17	27,918,338	2.7E-71	0.531	0.528					
cg21523564	15	75,251,491	1.15E-11	0.531	0.478					
cg22524657	1	47,999,163	0.000392	0.530	0.494					
cg03069204	7	75,535,491	9.34E-27	0.530	0.541					
cg16876647	2	43,451,842	1.12E-05	0.530	0.485				<i>ZFP36L2</i>	Body
cg09489281	5	43,604,149	0.001989	0.528	0.274				<i>NNT</i>	5'UTR
cg10162691	17	41,177,409	4.33E-20	0.528	0.493				<i>RND2</i>	1stExon
cg07519235	16	19,894,978	6.56E-34	0.528	0.497				<i>GPRC5B</i>	5'UTR
cg17397631	4	779,880	1.6E-102	0.527	0.525				<i>CPLX1</i>	3'UTR
cg25363807	1	44,703,923	1.61E-37	0.526	0.513				<i>ERI3</i>	Body
cg25726664	7	42,277,807	2.42E-14	0.526	0.471				<i>GLI3</i>	TSS1500
cg05923595	1	33,547,713	1.91E-44	0.526	0.506				<i>ADC</i>	5'UTR
cg23255835	2	29,338,121	4.45E-07	0.526	0.406				<i>CLIP4</i>	TSS200
cg06282270	11	61,062,910	6.88E-06	0.525	0.398				<i>VWCE</i>	TSS200
cg20771240	11	133,906,693	6.5E-84	0.525	0.524				<i>LOC100128239</i>	Body
cg18423852	7	150,653,001	1.22E-23	0.524	0.479				<i>KCNH2</i>	TSS200
cg08243728	19	45,905,890	4.37E-55	0.524	0.515				<i>PPP1R13L</i>	5'UTR

cg22859061	5	180,018,503	2.1E-131	0.524	0.518				<i>SCGB3A1</i>	TSS200
cg23179456	14	24,803,873	0.000836	0.524	0.557				<i>ADCY4</i>	TSS200
cg09827752	1	2,461,823	2.85E-39	0.524	0.512				<i>HES5</i>	TSS200
cg25170591	10	103,881,062	7.8E-26	0.523	0.524				<i>LDB1</i>	TSS1500
cg22747076	12	54,447,873	6.78E-09	0.523	0.501				<i>HOXC4</i>	1stExon
cg13555354	14	24,458,014	1.88E-26	0.522	0.516				<i>DHRS4L2</i>	TSS200
cg00002719	1	169,396,706	2.91E-06	0.522	0.476				<i>C1orf114</i>	TSS200
cg19505129	X	56,258,695	1.05E-10	0.522	0.476				<i>KLF8</i>	TSS200
cg16786640	4	3,485,263	1.07E-12	0.521	0.484				<i>DOK7</i>	Body
cg13875120	2	201,450,743	0.002612	0.520	0.494				<i>AOX1</i>	1stExon
cg03900851	8	67,351,768	1.01E-05	0.520	0.533				<i>ADHFE1</i>	Body
cg00800229	14	22,004,993	1.33E-32	0.520	0.501				<i>SALL2</i>	1stExon
cg06331595	7	141,211,956	1.1E-69	0.519	0.517					
cg20527270	8	49,468,688	1.18E-14	0.519	0.490					
cg01089498	4	11,428,985	4.48E-62	0.519	0.508				<i>HS3ST1</i>	5'UTR
cg08350814	2	191,045,309	1.13E-07	0.519	0.449				<i>C2orf88</i>	TSS1500
cg00100121	1	169,396,635	0.000593	0.518	0.483				<i>C1orf114</i>	1stExon
cg07330230	3	125,899,925	8.24E-07	0.518	0.453				<i>ALDH1L1</i>	TSS1500
cg08300419	11	47,208,959	1.2E-129	0.518	0.519				<i>PACSIN3</i>	TSS1500
cg22221554	X	129,245,238	8.8E-09	0.517	0.412				<i>ELF4</i>	TSS1500
cg21623671	5	150,536,851	6.35E-20	0.517	0.443	1.33E-30	0.289		<i>ANXA6</i>	5'UTR
cg09060908	1	223,743,126	6.81E-47	0.517	0.508				<i>CAPN8</i>	Body
cg09908110	11	63,828,713	1.75E-26	0.517	0.517				<i>MACROD1</i>	Body
cg03065447	8	49,292,486	0.000133	0.517	0.458					
cg11644815	17	4,891,687	4.26E-12	0.516	0.409				<i>INCA1</i>	3'UTR
cg06733794	10	123,922,970	8.73E-44	0.515	0.500				<i>TACC2</i>	Body
cg01451391	17	53,343,561	6.99E-21	0.513	0.492				<i>HLF</i>	Body
cg04262428	11	70,673,256	5.08E-36	0.513	0.487				<i>SHANK2</i>	Body
cg22352818	2	97,193,289	2.37E-68	0.512	0.488					
cg07902749	2	37,813,553	7.3E-17	0.512	0.536					
cg26676468	5	112,539,223	1.74E-09	0.512	0.485				<i>MCC</i>	Body
cg01643123	12	63,207,179	6.82E-13	0.511	0.498				<i>PPM1H</i>	Body
cg09994356	20	42,875,779	8.51E-06	0.511	0.361				<i>GDAP1L1</i>	TSS200
cg15680720	2	171,568,412	0.011376	0.509	0.351					

cg24651977	4	37,978,758	4.58E-49	0.509	0.500				<i>TBC1D1</i>	Body
cg19310908	19	46,800,064	1.37E-35	0.509	0.509				<i>HIF3A</i>	TSS1500
cg09696939	10	60,272,079	1.19E-06	0.509	0.406				<i>BICC1</i>	TSS1500
cg24331301	10	73,156,377	9.79E-45	0.509	0.479				<i>CDH23</i>	TSS1500
cg04034767	12	52,400,907	2.16E-09	0.508	0.462	1.35E-25	0.331		<i>GRASP</i>	1stExon
cg23108709	2	219,847,136	2.47E-71	0.508	0.510				<i>FEV</i>	Body
cg00857907	2	202,896,898	9.05E-16	0.507	0.498					
cg24046411	16	88,717,646	6.02E-32	0.505	0.475				<i>CYBA</i>	TSS200
cg00971050	17	40,573,764	2.18E-92	0.505	0.512				<i>PTRF</i>	Body
cg18991611	8	49,468,828	1.17E-05	0.504	0.484					
cg21330423	6	29,975,068	1.44E-08	0.504	0.496				<i>HLA-J</i>	Body
cg24830730	7	150,653,195	1.07E-36	0.504	0.499				<i>KCNH2</i>	Body
cg15313226	2	191,045,668	4.75E-09	0.503	0.434				<i>C2orf88</i>	5'UTR
cg00970396	16	9,107,199	3.2E-48	0.503	0.493					
cg22774088	19	2,253,398	1.56E-31	0.502	0.478				<i>JSRP1</i>	Body
cg23013309	12	65,218,841	1.01E-34	0.502	0.471					
cg23367107	12	115,136,287	1.9E-21	0.502	0.495					
cg06457357	X	56,259,243	2.55E-21	0.502	0.458	8.15E-24	0.284		<i>KLF8</i>	5'UTR
cg00349607	1	39,546,688	3.59E-06	0.501	0.377				<i>MACF1</i>	TSS1500
cg06966660	10	123,923,066	3.84E-19	0.501	0.502				<i>TACC2</i>	Body
cg07198194	10	3,109,053	1.81E-30	0.500	0.503				<i>PFKP</i>	TSS1500
cg14619259	5	141,705,539	1.06E-17	0.500	0.409				<i>SPRY4</i>	TSS1500
cg23095615	6	146,136,563	9.34E-08	0.500	0.373				<i>FBXO30</i>	TSS1500
cg04294888	22	28,839,249	1.32E-11	0.500	0.431				<i>TTC28</i>	Body
cg25274503	7	116,140,128	1.76E-24	0.500	0.493				<i>CAV2</i>	Body
cg21899596	4	57,522,493	2.76E-18	0.500	0.503				<i>HOPX</i>	1stExon
cg24605338	X	17,395,856	5.53E-78	0.499	0.496				<i>NHS</i>	Body
cg27062326	X	117,629,163	5.69E-20	0.499	0.507				<i>DOCK11</i>	TSS1500
cg22074576	11	3,181,726	2.44E-21	0.499	0.460				<i>OSBPL5</i>	5'UTR
cg00054525	16	88,717,587	7.35E-37	0.499	0.484				<i>CYBA</i>	TSS200
cg01272707	6	26,172,185	0.001258	0.499	0.567					
cg11022432	3	125,899,878	1.51E-63	0.499	0.460				<i>ALDH1L1</i>	TSS1500
cg18844382	14	23,834,977	4.07E-42	0.498	0.458				<i>EFS</i>	TSS200
cg20118643	15	60,690,852	4.52E-51	0.498	0.460				<i>ANXA2</i>	TSS1500

cg05304177	3	134,083,080	1.3E-23	0.498	0.528				<i>AMOTL2</i>	Body
cg02242344	2	85,640,943	8.35E-13	0.498	0.450					
cg02268650	X	68,348,465	3.89E-08	0.497	0.552					
cg22796860	11	63,828,346	3.39E-75	0.497	0.510				<i>MACROD1</i>	Body
cg17755964	1	2,461,834	1.52E-37	0.496	0.477				<i>HES5</i>	TSS200
cg02590401	19	48,984,071	2.89E-34	0.496	0.500				<i>CYTH2</i>	3'UTR
cg08535928	1	246,952,495	8.2E-156	0.496	0.474				<i>LOC149134</i>	TSS1500
cg01837657	15	90,039,822	5.18E-26	0.496	0.504				<i>RHCG</i>	TSS200
cg04528060	4	57,371,868	3.21E-07	0.495	0.513				<i>ARL9</i>	5'UTR
cg21883802	14	92,413,706	1.11E-09	0.495	0.511				<i>FBLN5</i>	5'UTR
cg18516619	17	78,806,891	5.92E-26	0.495	0.489				<i>RPTOR</i>	Body
cg04382470	17	43,974,975	2.67E-46	0.495	0.460				<i>MAPT</i>	5'UTR
cg16332610	15	74,658,547	9.95E-18	0.494	0.454				<i>CYP11A1</i>	1stExon
cg20430847	1	2,461,820	1.09E-22	0.494	0.474				<i>HES5</i>	TSS200
cg05269938	20	62,461,294	8.7E-37	0.494	0.504					
cg08193650	2	43,451,868	5.16E-08	0.493	0.478				<i>ZFP36L2</i>	Body
cg19548479	17	41,363,737	1.19E-18	0.493	0.468				<i>TMEM106A</i>	TSS200
cg09195491	X	56,258,900	8.29E-13	0.493	0.440				<i>KLF8</i>	5'UTR
cg19033654	6	30,711,138	5.31E-24	0.492	0.489				<i>IER3</i>	3'UTR
cg20172627	2	25,439,110	5.91E-11	0.492	0.541					
cg08825929	3	193,776,240	4.37E-08	0.492	0.434					
cg23674344	17	48,503,163	8.1E-44	0.492	0.446				<i>ACSF2</i>	TSS1500
cg21013866	14	23,834,985	6.06E-48	0.492	0.456				<i>EFS</i>	TSS200
cg13365334	X	153,598,742	3.18E-33	0.492	0.436				<i>FLNA</i>	Body
cg10246531	16	88,717,628	4.01E-41	0.491	0.475				<i>CYBA</i>	TSS200
cg13546240	19	46,379,991	3.46E-23	0.491	0.478					
cg14950169	12	54,145,841	1.02E-36	0.491	0.475					
cg25858132	17	1,808,671	8.73E-25	0.491	0.427					
cg17231999	4	41,882,564	6.81E-05	0.490	0.456					
cg11318054	7	157,361,692	1.85E-30	0.490	0.481				<i>PTPRN2</i>	Body
cg05693611	6	150,263,722	4.16E-10	0.490	0.498				<i>ULBP2</i>	Body
cg09974990	16	67,204,447	2.76E-05	0.490	0.534					
cg12106728	12	115,136,258	1.66E-13	0.490	0.486					
cg03764259	7	127,176,905	5.6E-05	0.490	0.451					

cg14018731	9	98,784,336	1.47E-05	0.490	0.316				<i>NCRNA00092</i>	TSS1500
cg15083233	9	112,810,402	4.52E-25	0.489	0.468	1.37E-17	0.197		<i>PALM2-AKAP2</i>	Body
cg08062049	2	121,427,380	3.85E-09	0.489	0.458					
cg22078451	5	58,335,681	6.89E-22	0.489	0.425				<i>PDE4D</i>	Body
cg00409000	X	17,395,816	5.99E-09	0.489	0.516				<i>NHS</i>	Body
cg08360726	19	40,871,823	0.000772	0.488	0.515				<i>PLD3</i>	5'UTR
cg00677574	17	43,221,327	1.9E-35	0.488	0.449				<i>ACBD4</i>	3'UTR
cg06817490	17	55,888,548	2.99E-25	0.488	0.505					
cg00389463	19	10,397,620	6.2E-14	0.488	0.526				<i>ICAM4</i>	TSS200
cg03306374	16	23,847,325	1.02E-11	0.488	0.471				<i>PRKCB</i>	1stExon
cg01364755	10	1,370,694	7.89E-12	0.488	0.439				<i>ADARB2</i>	Body
cg04194494	10	45,914,450	1.17E-17	0.487	0.443				<i>ALOX5</i>	Body
cg09038676	11	67,351,608	2.68E-30	0.487	0.476	3E-29	0.283		<i>GSTP1</i>	Body
cg22590258	17	61,615,739	1.1E-68	0.486	0.460			Yes	<i>KCNH6</i>	Body
cg06464594	18	59,560,191	1.37E-09	0.486	0.387				<i>RNF152</i>	1stExon
cg02423318	7	65,509,125	0.001965	0.486	0.433					
cg16647921	4	41,867,533	2.15E-05	0.486	0.481					
cg24029517	4	11,429,531	5.62E-68	0.486	0.502				<i>HS3ST1</i>	5'UTR
cg19023309	X	106,750,168	3.51E-31	0.486	0.503					
cg04715503	16	3,062,795	4.28E-15	0.486	0.485				<i>CLDN9</i>	1stExon
cg14993276	19	10,397,642	5.52E-27	0.486	0.502				<i>ICAM4</i>	TSS200
cg17629929	5	1,875,548	9.72E-24	0.485	0.452					
cg13123964	8	38,323,238	9.04E-11	0.485	0.471				<i>FGFR1</i>	5'UTR
cg00264441	11	57,250,469	2.15E-41	0.485	0.480					
cg27422872	22	28,839,137	3.18E-12	0.485	0.426				<i>TTC28</i>	Body
cg21981270	10	45,914,525	1.27E-16	0.485	0.440				<i>ALOX5</i>	Body
cg17172980	3	196,755,973	2.8E-15	0.485	0.438				<i>MF12</i>	Body
cg08848774	17	43,047,733	0.000525	0.484	0.371					
cg21526205	1	76,540,574	1.78E-20	0.484	0.459				<i>ST6GALNAC3</i>	Body
cg12628196	7	127,672,458	9.2E-193	0.484	0.485				<i>SND1</i>	Body
cg06333058	2	29,338,077	2.26E-07	0.484	0.365				<i>CLIP4</i>	TSS1500
cg19513834	2	105,470,561	4.8E-06	0.484	0.472				<i>POU3F3</i>	TSS1500
cg12799885	10	74,020,976	2E-08	0.483	0.490					
cg08781325	2	26,521,777	1.07E-24	0.483	0.480					

cg01336390	6	29,895,059	9.85E-13	0.483	0.466					
cg14151783	20	44,098,409	3.53E-07	0.483	0.351				<i>WFDC2</i>	1stExon
cg06679087	10	99,473,206	8.78E-13	0.483	0.409				<i>MARVELD1</i>	TSS1500
cg16831085	10	45,914,645	1.37E-33	0.482	0.448				<i>ALOX5</i>	Body
cg21249376	9	27,528,432	3.03E-84	0.482	0.462				<i>MOBKL2B</i>	5'UTR
cg23997405	14	101,033,689	8.18E-15	0.482	0.463				<i>BEGAIN</i>	Body
cg06641285	17	76,921,829	3.4E-15	0.482	0.479				<i>TIMP2</i>	TSS1500
cg16771578	3	125,899,895	1.85E-26	0.482	0.433				<i>ALDH1L1</i>	TSS1500
cg14820199	4	11,429,415	6.13E-26	0.482	0.502				<i>HS3ST1</i>	5'UTR
cg08478709	3	193,776,092	3.54E-27	0.481	0.469					
cg20801007	11	830,320	6.76E-06	0.481	0.528				<i>EFCAB4A</i>	Body
cg22671410	6	29,895,031	2.55E-05	0.481	0.400					
cg03604011	5	400,201	9.16E-06	0.481	0.427				<i>AHRR</i>	Body
cg05098590	10	111,767,379	4.45E-05	0.480	0.370				<i>ADD3</i>	5'UTR
cg10292154	16	27,461,445	9.66E-20	0.480	0.476				<i>IL21R</i>	3'UTR
cg06385187	20	44,098,287	7.35E-05	0.480	0.317				<i>WFDC2</i>	TSS200
cg02131967	17	61,554,106	2.05E-30	0.480	0.444	3.73E-25	0.274		<i>ACE</i>	TSS1500
cg25032595	13	96,204,978	1.18E-19	0.480	0.471				<i>CLDN10</i>	5'UTR
cg04978107	14	24,458,000	4.3E-105	0.480	0.475				<i>DHRS4L2</i>	TSS200
cg00604840	5	154,230,173	1.61E-34	0.479	0.454				<i>C5orf4</i>	5'UTR
cg09486902	12	65,219,478	5.5E-99	0.479	0.470					
cg21229570	12	115,124,768	9.19E-10	0.479	0.440					
cg04920951	11	67,351,271	1.04E-23	0.479	0.493	3.61E-28	0.309		<i>GSTP1</i>	1stExon
cg19859290	11	20,618,399	6.1E-06	0.479	0.324					
cg02534163	8	120,650,994	0.000167	0.479	0.462				<i>ENPP2</i>	1stExon
cg05971966	5	40,681,137	9.3E-26	0.479	0.493				<i>PTGER4</i>	Body
cg21770622	11	46,383,066	5.73E-48	0.478	0.489				<i>DGKZ</i>	Body
cg20899354	3	25,469,392	7.08E-17	0.478	0.448				<i>RARB</i>	TSS1500
cg15026277	17	41,363,789	1.5E-12	0.478	0.455				<i>TMEM106A</i>	TSS200
cg00402172	16	68,118,754	1.91E-94	0.477	0.461				<i>NFATC3</i>	TSS1500
cg24691910	12	115,132,460	8.47E-14	0.477	0.484			Yes		
cg07671805	5	74,907,694	2.88E-21	0.477	0.420					
cg01740766	6	44,528,958	9.48E-33	0.477	0.414					
cg05559795	X	56,258,812	1.84E-08	0.476	0.400				<i>KLF8</i>	TSS200



cg22262168	9	27,528,999	2.03E-17	0.476	0.434	3.36E-34	0.373		<i>MOBK2B</i>	5'UTR
cg25386707	10	131,748,428	2.03E-22	0.476	0.489				<i>EBF3</i>	Body
cg03942855	1	110,210,925	5.59E-38	0.476	0.424				<i>GSTM2</i>	Body
cg06766427	17	12,877,546	2.5E-06	0.476	0.319				<i>RICH2</i>	Body
cg18188717	5	154,230,223	1.57E-27	0.475	0.464				<i>C5orf4</i>	TSS200
cg25214789	5	7,850,070	6.75E-13	0.475	0.476				<i>C5orf49</i>	Body
cg05385513	2	56,150,478	3.59E-22	0.475	0.449				<i>EFEMP1</i>	TSS200
cg17643864	8	56,852,148	3.34E-46	0.475	0.461				<i>LYN</i>	5'UTR
cg03457729	15	89,953,295	7.85E-34	0.474	0.464					
cg05133205	6	32,121,249	1.06E-26	0.474	0.495				<i>PPT2</i>	TSS200
cg00040312	12	54,424,679	6.42E-08	0.474	0.415				<i>HOXC4</i>	5'UTR
cg13782615	11	4,079,556	1.86E-21	0.474	0.478				<i>STIM1</i>	Body
cg13670316	9	78,507,533	5.42E-19	0.474	0.472				<i>PCSK5</i>	Body
cg01532436	19	48,983,942	7.56E-20	0.474	0.482				<i>CYTH2</i>	3'UTR
cg09248054	1	969,257	6.45E-08	0.474	0.503				<i>AGRN</i>	Body
cg11348442	2	220,117,784	1.84E-35	0.473	0.494				<i>TUBA4B</i>	TSS200
cg25307318	10	123,923,081	1.9E-30	0.473	0.439				<i>TACC2</i>	Body
cg10593416	X	106,750,120	4.04E-25	0.473	0.454					
cg11332236	15	90,039,818	6.6E-21	0.473	0.490				<i>RHCG</i>	TSS200
cg22212414	21	34,775,032	0.010507	0.472	0.293				<i>IFNGR2</i>	TSS200
cg07188523	6	44,528,793	7.38E-30	0.472	0.453					
cg06361405	10	104,434,010	6.52E-31	0.472	0.456				<i>ARL3</i>	3'UTR
cg11916729	5	180,018,564	7.1E-109	0.472	0.469				<i>SCGB3A1</i>	TSS200
cg07153010	22	21,312,388	9.36E-14	0.472	0.371					
cg12564567	11	116,371,188	6.32E-11	0.472	0.451					
cg11424456	17	1,131,878	7.72E-17	0.472	0.446					
cg00397479	6	31,831,510	3.53E-47	0.472	0.447				<i>NEU1</i>	TSS1500
cg14621217	17	80,944,134	4.8E-26	0.471	0.422				<i>B3GNTL1</i>	Body
cg11280661	3	61,549,475	6.02E-47	0.471	0.451			Yes	<i>PTPRG</i>	Body
cg06998282	8	120,651,398	1.66E-15	0.471	0.466				<i>ENPP2</i>	TSS1500
cg10706230	1	25,944,514	6.5E-13	0.471	0.433				<i>MAN1C1</i>	1stExon
cg20449590	1	146,551,201	2.25E-20	0.471	0.483					
cg10747118	3	184,243,718	0.001302	0.470	0.312					
cg07635623	6	2,841,875	1E-08	0.470	0.400				<i>SERPINB1</i>	5'UTR

cg24008544	17	41,363,899	6.59E-30	0.470	0.446				<i>TMEM106A</i>	5'UTR
cg16493531	6	30,711,802	4.81E-15	0.470	0.512				<i>FLOT1</i>	TSS1500
cg01940855	12	104,852,355	4.32E-37	0.470	0.426				<i>CHST11</i>	Body
cg09691340	17	42,402,882	2.09E-05	0.470	0.432				<i>SLC25A39</i>	TSS1500
cg14564616	5	1,876,337	2.33E-12	0.470	0.406					
cg03610137	X	56,259,040	1.62E-11	0.470	0.446				<i>KLF8</i>	5'UTR
cg22502206	15	60,690,826	8.52E-43	0.470	0.430				<i>ANXA2</i>	TSS1500
cg03103218	11	63,828,672	5.88E-31	0.470	0.453				<i>MACROD1</i>	Body
cg19617897	15	71,818,628	7.51E-14	0.469	0.485				<i>THSD4</i>	Body
cg02373152	6	52,227,767	3E-22	0.469	0.443				<i>PAQR8</i>	5'UTR
cg21211480	17	41,363,774	2.33E-15	0.468	0.436				<i>TMEM106A</i>	TSS200
cg26375284	6	29,855,401	3.84E-07	0.468	0.435			Yes	<i>HLA-H</i>	Body
cg11146691	12	47,219,737	1.92E-13	0.468	0.438				<i>SLC38A4</i>	1stExon
cg08066035	19	16,999,614	5.68E-05	0.468	0.493				<i>F2RL3</i>	TSS1500
cg03576469	19	46,917,061	7.15E-23	0.468	0.434				<i>CCDC8</i>	TSS200
cg26452868	10	57,387,715	7.56E-07	0.468	0.525					
cg11610350	3	64,253,705	1.73E-55	0.468	0.471					
cg05829338	X	106,750,612	1.24E-18	0.468	0.474					
cg08812897	X	20,286,243	2.7E-101	0.467	0.452				<i>RPS6KA3</i>	TSS1500
cg26124016	3	25,469,402	6.81E-25	0.467	0.434	1.61E-27	0.331		<i>RARB</i>	TSS1500
cg25587069	5	151,066,484	5E-115	0.467	0.454				<i>SPARC</i>	1stExon
cg03004714	18	59,560,365	1.57E-06	0.467	0.361				<i>RNF152</i>	TSS200
cg05154698	1	26,202,441	9.59E-05	0.467	0.339					
cg21244846	9	27,529,339	0.000239	0.466	0.321				<i>MOBKL2B</i>	5'UTR
cg03125427	16	88,717,482	5.7E-05	0.466	0.493				<i>CYBA</i>	TSS200
cg15657686	4	37,978,666	2.72E-42	0.466	0.445				<i>TBC1D1</i>	Body
cg27519622	16	3,079,877	7.49E-49	0.466	0.471				<i>CCDC64B</i>	Body
cg12162377	2	232,261,007	4.26E-16	0.466	0.461				<i>B3GNT7</i>	Body
cg00498024	19	41,934,170	5.52E-16	0.466	0.499				<i>B3GNT8</i>	5'UTR
cg27232866	1	43,251,073	2.89E-15	0.466	0.434					
cg08177833	16	88,717,537	1.9E-35	0.466	0.477				<i>CYBA</i>	TSS200
cg00672333	17	36,728,456	1.06E-24	0.466	0.420				<i>SRCIN1</i>	Body
cg05063999	3	64,253,605	2.37E-36	0.466	0.463					
cg08104202	1	169,396,712	1.29E-08	0.466	0.431				<i>C1orf114</i>	TSS200

cg07589773	7	50,343,883	2.72E-43	0.465	0.477				<i>IKZF1</i>	TSS1500
cg10155432	7	1,293,933	6.74E-52	0.465	0.455					
cg27071152	7	39,649,443	8.37E-06	0.465	0.411				<i>LOC646999</i>	Body
cg18638914	4	779,568	6.57E-37	0.465	0.443				<i>CPLX1</i>	3'UTR
cg12080909	17	27,917,982	1.31E-42	0.465	0.461				<i>GIT1</i>	TSS1500
cg02383154	17	53,343,283	6.09E-69	0.465	0.437				<i>HLF</i>	Body
cg01367393	15	89,438,731	2.5E-10	0.464	0.437				<i>HAPLN3</i>	5'UTR
cg07937925	17	15,820,699	3.58E-19	0.464	0.404					
cg04986616	11	63,537,378	1.21E-30	0.464	0.440				<i>C11orf95</i>	TSS1500
cg22878441	3	159,756,648	1.7E-17	0.464	0.487					
cg05744675	16	88,717,723	1.42E-23	0.464	0.457				<i>CYBA</i>	TSS1500
cg13181974	15	37,389,489	0.000529	0.464	0.583				<i>MEIS2</i>	Body
cg25943872	X	73,642,385	9.69E-17	0.463	0.404				<i>SLC16A2</i>	Body
cg23818870	1	169,396,785	4.4E-14	0.463	0.442				<i>C1orf114</i>	TSS200
cg11026555	12	124,247,223	5.82E-05	0.463	0.246				<i>DNAH10</i>	Body
cg00113675	6	29,855,347	1.21E-24	0.463	0.426				<i>HLA-H</i>	TSS200
cg16836311	1	25,944,712	2.08E-30	0.463	0.425				<i>MAN1C1</i>	1stExon
cg17195771	9	71,789,541	3.53E-43	0.463	0.445				<i>TJP2</i>	Body
cg13390867	9	86,717,438	2.97E-13	0.463	0.453					
cg15071854	1	45,792,688	0.000168	0.463	0.462				<i>HPDL</i>	1stExon
cg25548414	X	130,192,160	0.000131	0.463	0.427				<i>FLJ30058</i>	TSS200
cg22538054	12	95,941,988	8.63E-11	0.462	0.399				<i>USP44</i>	5'UTR
cg14287235	14	24,804,339	3.91E-10	0.462	0.485				<i>ADCY4</i>	TSS1500
cg14142965	12	104,609,432	2.59E-12	0.462	0.439				<i>TXNRD1</i>	TSS200
cg09094393	6	146,136,749	9.12E-08	0.462	0.397				<i>FBXO30</i>	TSS1500
cg13387113	17	74,696,737	2.66E-32	0.462	0.430				<i>MXRA7</i>	Body
cg22806907	17	40,826,212	7.35E-12	0.462	0.453				<i>PLEKHH3</i>	Body
cg17633020	5	58,335,180	2.03E-53	0.462	0.435				<i>PDE4D</i>	Body
cg21919857	5	180,018,102	9.44E-11	0.462	0.424				<i>SCGB3A1</i>	Body
cg00400221	8	38,323,291	4.02E-10	0.462	0.446				<i>FGFR1</i>	5'UTR
cg26654286	17	38,465,510	2.96E-14	0.462	0.467				<i>RARA</i>	5'UTR
cg08348496	15	89,438,671	8.59E-05	0.462	0.439	4.68E-21	0.279		<i>HAPLN3</i>	5'UTR
cg11444704	5	159,738,916	4.66E-10	0.462	0.456				<i>CCNJL</i>	Body
cg04156293	7	100,488,942	4.28E-07	0.462	0.507				<i>ACHE</i>	Body

cg24117274	1	21,945,805	5.89E-31	0.462	0.421				<i>RAP1GAP</i>	Body
cg16955726	X	134,125,259	7.37E-08	0.462	0.457				<i>LOC644538</i>	1stExon
cg22027897	17	60,885,856	2.15E-26	0.462	0.400				<i>MARCH10</i>	TSS200
cg19241327	7	157,484,559	4.1E-70	0.462	0.469				<i>PTPRN2</i>	Body
cg25714826	16	85,784,062	3.36E-18	0.461	0.374				<i>C16orf74</i>	5'UTR
cg11606461	5	112,629,604	0.000305	0.461	0.368				<i>MCC</i>	Body
cg24808280	1	169,396,868	8.72E-31	0.461	0.441				<i>C1orf114</i>	TSS200
cg01514828	17	36,715,074	2.83E-10	0.461	0.385				<i>SRCIN1</i>	Body
cg09777525	17	74,965,708	3.03E-06	0.461	0.310					
cg23083315	11	35,639,656	0.000283	0.461	0.368				<i>FJX1</i>	TSS200
cg11739675	12	104,852,151	6.85E-12	0.461	0.400				<i>CHST11</i>	Body
cg12070159	8	54,789,325	2.45E-24	0.461	0.439				<i>RGS20</i>	Body
cg08498787	11	57,250,780	5.33E-33	0.461	0.458					
cg25247183	22	38,073,049	6.25E-08	0.461	0.463				<i>LGALS1</i>	Body
cg06839900	1	2,461,900	4.93E-74	0.461	0.444				<i>HES5</i>	TSS1500
cg20399616	12	25,055,967	0.00074	0.461	0.438				<i>BCAT1</i>	Body
cg18572413	2	233,741,639	5.85E-29	0.460	0.396					
cg11009590	6	149,082,648	1.57E-26	0.460	0.393				<i>UST</i>	Body
cg22758700	7	99,156,126	8.5E-05	0.460	0.334				<i>ZNF655</i>	TSS1500
cg08047907	1	169,396,858	1.01E-18	0.460	0.441	3.89E-24	0.247		<i>C1orf114</i>	TSS200
cg20384898	6	1,625,111	5.02E-21	0.460	0.444				<i>GMDS</i>	Body
cg08763705	5	139,525,657	0.00035	0.460	0.364					
cg16556145	13	96,205,184	1.14E-35	0.460	0.446				<i>CLDN10</i>	1stExon
cg04178787	2	123,418,787	3.43E-37	0.460	0.453					
cg05019905	6	29,894,831	9.13E-11	0.460	0.450				<i>HCG4P6</i>	TSS1500
cg17395064	12	104,609,476	1.02E-11	0.460	0.437				<i>TXNRD1</i>	TSS200
cg25464921	1	169,429,698	7.58E-11	0.460	0.457					
cg07980518	18	59,560,394	1.36E-10	0.460	0.361	1.43E-22	0.201		<i>RNF152</i>	TSS200
cg23146663	5	151,066,662	8.76E-27	0.460	0.452				<i>SPARC</i>	TSS200
cg00073010	17	17,627,194	9.99E-35	0.459	0.462				<i>RAI1</i>	5'UTR
cg04203238	4	16,085,702	1.5E-37	0.459	0.449				<i>PROM1</i>	TSS200
cg04573276	11	35,639,632	2.12E-09	0.459	0.374				<i>FJX1</i>	TSS200
cg21026663	6	26,189,234	8.22E-05	0.458	0.444	1.46E-19	0.243		<i>HIST1H4D</i>	1stExon
cg01834022	4	5,710,411	1.52E-05	0.458	0.360				<i>EVC2</i>	5'UTR

cg08640923	2	220,117,945	4.33E-08	0.458	0.486				<i>TUBA4B</i>	TSS200
cg18960629	17	36,585,452	2.33E-35	0.458	0.451					
cg12178578	1	45,792,714	2.98E-05	0.458	0.442				<i>HPDL</i>	1stExon
cg16215203	14	24,803,917	3.34E-05	0.458	0.468				<i>ADCY4</i>	TSS200
cg07434284	4	779,691	2.36E-26	0.458	0.438				<i>CPLX1</i>	3'UTR
cg02499249	3	25,469,720	1.49E-41	0.458	0.444	8.17E-28	0.271		<i>RARB</i>	TSS200
cg03217795	16	23,847,556	5.49E-18	0.458	0.402				<i>PRKCB</i>	1stExon
cg00480331	3	187,455,371	1.3E-12	0.457	0.446				<i>BCL6</i>	5'UTR
cg00157477	6	29,855,473	1.66E-25	0.457	0.432				<i>HLA-H</i>	Body
cg16999254	10	86,016,931	4.19E-08	0.457	0.387				<i>RGR</i>	Body
cg16317273	5	38,258,028	1.69E-06	0.457	0.411				<i>EGFLAM</i>	TSS1500
cg03317517	19	20,188,803	7.38E-12	0.456	0.357				<i>ZNF90</i>	1stExon
cg15356923	3	68,981,011	1.32E-11	0.456	0.447				<i>FAM19A4</i>	5'UTR
cg03959186	2	9,893,528	1.94E-19	0.456	0.412			Yes		
cg14711997	7	150,652,864	6.87E-26	0.456	0.453				<i>KCNH2</i>	5'UTR
cg19790294	16	88,717,755	5.95E-38	0.456	0.440	3.96E-41	0.296		<i>CYBA</i>	TSS1500
cg26371731	1	156,390,240	4.64E-10	0.455	0.509				<i>MIR9-1</i>	TSS200
cg06532037	2	191,045,430	0.000202	0.455	0.439				<i>C2orf88</i>	5'UTR
cg18257814	2	55,646,430	4.94E-05	0.455	0.278				<i>CCDC88A</i>	5'UTR
cg16419441	8	105,478,683	1.5E-33	0.455	0.460				<i>DPYS</i>	Body
cg10187879	6	32,223,208	2.31E-16	0.455	0.453					
cg05613116	2	27,958,722	2.36E-22	0.455	0.385					
cg11660826	6	150,286,508	3.22E-25	0.455	0.424				<i>ULBP1</i>	Body
cg25561140	12	120,799,725	3.28E-39	0.455	0.446				<i>MSI1</i>	Body
cg05947181	X	50,557,283	9.76E-06	0.455	0.510				<i>SHROOM4</i>	TSS1500
cg20060685	12	106,533,898	2.56E-41	0.455	0.454				<i>NUAK1</i>	TSS200
cg22003435	2	191,045,885	1.46E-13	0.455	0.380				<i>C2orf88</i>	5'UTR
cg27299406	2	43,020,013	1.27E-08	0.455	0.309				<i>HAAO</i>	TSS1500
cg06206801	18	24,131,379	7.83E-28	0.454	0.422				<i>KCTD1</i>	5'UTR
cg18331855	17	1,131,781	8.71E-13	0.454	0.436					
cg01708411	12	57,631,839	4.01E-11	0.454	0.431				<i>NDUFA4L2</i>	5'UTR
cg25258879	X	49,022,996	8.2E-10	0.454	0.391				<i>MAGIX</i>	3'UTR
cg00179217	6	31,831,340	6.13E-41	0.454	0.432				<i>SLC44A4</i>	3'UTR
cg03344031	19	50,706,387	5.4E-05	0.454	0.290				<i>MYH14</i>	TSS1500

cg25556905	14	24,803,925	0.000194	0.454	0.473					<i>ADCY4</i>	TSS200
cg02386420	17	78,806,870	7.38E-20	0.454	0.450					<i>RPTOR</i>	Body
cg09087503	7	127,672,473	4.4E-117	0.454	0.458					<i>SND1</i>	Body
cg10224600	17	43,975,063	1.72E-24	0.454	0.454					<i>MAPT</i>	5'UTR
cg10262387	6	29,855,435	6.22E-17	0.453	0.424					<i>HLA-H</i>	Body
cg05562381	17	8,230,350	2.31E-07	0.453	0.381						
cg10626816	1	39,025,249	1.13E-06	0.453	0.430						
cg23780110	2	26,045,244	1.87E-23	0.453	0.445					<i>ASXL2</i>	Body
cg26071526	10	123,923,273	1.32E-39	0.453	0.447					<i>TACC2</i>	Body
cg12479047	3	25,469,573	5.3E-21	0.453	0.421					<i>RARB</i>	TSS1500
cg19846667	14	22,191,856	3.23E-38	0.453	0.457						
cg06428055	X	129,243,872	9.54E-17	0.453	0.447	1.56E-31	0.339			<i>ELF4</i>	5'UTR
cg25311637	1	146,556,000	3.58E-10	0.453	0.391			Yes			
cg11448068	2	191,045,026	4.14E-44	0.453	0.445					<i>C2orf88</i>	TSS1500
cg13727849	17	72,210,343	1.25E-26	0.453	0.435					<i>MGC16275</i>	TSS1500
cg06405186	11	61,283,968	3.14E-43	0.453	0.438					<i>SYT7</i>	3'UTR
cg15472092	7	150,653,079	1.48E-14	0.452	0.423					<i>KCNH2</i>	TSS200
cg08513472	6	1,625,238	8.41E-63	0.452	0.433					<i>GMDS</i>	Body
cg06301550	20	37,230,484	5.32E-31	0.452	0.449					<i>C20orf95</i>	TSS200
cg00778807	1	43,524,347	2.3E-14	0.452	0.466						
cg09953499	19	51,416,202	1.57E-21	0.452	0.411						
cg24519393	1	38,470,540	2.83E-40	0.452	0.400					<i>FHL3</i>	5'UTR
cg05402599	2	219,846,796	4.54E-41	0.452	0.447					<i>FEV</i>	Body
cg22750044	X	73,642,662	1.88E-21	0.452	0.401					<i>SLC16A2</i>	Body
cg24492202	4	2,802,612	2.28E-29	0.452	0.429					<i>SH3BP2</i>	5'UTR
cg08979352	4	99,580,530	1.52E-05	0.452	0.488					<i>TSPAN5</i>	TSS1500
cg15467646	1	22,141,014	1.48E-61	0.452	0.426					<i>LDLRAD2</i>	Body
cg10002178	14	94,254,726	0.013876	0.451	0.197					<i>PRIMA1</i>	5'UTR
cg16818740	20	4,803,300	8.21E-45	0.451	0.415					<i>RASSF2</i>	5'UTR
cg10286969	16	2,765,843	1.18E-17	0.451	0.452					<i>PRSS27</i>	Body
cg04704531	12	54,409,491	2.79E-05	0.451	0.434					<i>HOXC4</i>	TSS1500
cg07564962	5	139,076,670	2.82E-53	0.451	0.449						
cg11199810	1	150,123,146	0.00021	0.451	0.313					<i>PLEKHO1</i>	Body
cg15266705	12	115,136,096	7.32E-14	0.451	0.441						

cg13150171	1	41,326,892	4.03E-18	0.451	0.453				<i>CITED4</i>	3'UTR
cg07906520	20	37,435,716	6.31E-11	0.451	0.423				<i>PPP1R16B</i>	5'UTR
cg09841842	14	51,974,848	2.37E-31	0.451	0.464				<i>FRMD6</i>	5'UTR
cg06769296	11	133,906,761	1.9E-46	0.450	0.434				<i>LOC100128239</i>	Body
cg25191041	21	44,782,470	9.28E-47	0.450	0.432					
cg00722320	15	79,502,065	5.17E-06	0.450	0.463				<i>MIR184</i>	TSS200
cg08879559	5	151,066,486	2.09E-15	0.450	0.404				<i>SPARC</i>	1stExon
cg10940462	11	64,479,015	1.95E-06	0.450	0.430				<i>NRXN2</i>	Body
cg17278864	17	12,877,321	1.98E-05	0.450	0.261				<i>RICH2</i>	Body
cg07139301	3	170,746,207	2.22E-08	0.450	0.410				<i>SLC2A2</i>	TSS1500
cg09490603	15	74,658,166	1.46E-52	0.450	0.449				<i>CYP11A1</i>	1stExon
cg06654691	17	40,825,980	2.5E-109	0.450	0.435				<i>PLEKHH3</i>	Body
cg21799346	11	2,905,372	2.52E-06	0.450	0.370				<i>CDKN1C</i>	Body
cg16725050	2	220,117,771	4.63E-25	0.450	0.470				<i>TUBA4B</i>	TSS200
cg11566244	11	67,351,786	4.39E-28	0.450	0.445				<i>GSTP1</i>	Body
cg07795766	22	45,608,516	2.85E-08	0.450	0.413				<i>C22orf9</i>	Body
cg22829182	X	56,258,808	7.28E-08	0.450	0.392				<i>KLF8</i>	TSS200
cg08163199	6	29,974,858	8.32E-11	0.449	0.455				<i>HLA-J</i>	Body
cg14000361	6	10,882,336	4.36E-05	0.449	0.439				<i>GCM2</i>	TSS1500
cg02053896	X	70,151,117	6.65E-21	0.449	0.429				<i>SLC7A3</i>	TSS200
cg26751972	6	29,692,000	7.01E-10	0.449	0.395				<i>HLA-F</i>	Body
cg06540859	X	46,434,696	1.92E-13	0.449	0.322				<i>CHST7</i>	1stExon
cg14832998	7	157,530,956	2.09E-18	0.449	0.452				<i>PTPRN2</i>	Body
cg13717446	17	62,777,761	6.4E-05	0.449	0.353				<i>LOC146880</i>	Body
cg16107322	7	141,211,627	8.77E-77	0.449	0.430					
cg17861863	10	1,454,387	0.000807	0.448	0.210				<i>ADARB2</i>	Body
cg22399133	2	208,989,248	1.17E-05	0.448	0.427				<i>CRYGD</i>	1stExon
cg18878992	17	43,974,344	6.91E-06	0.448	0.397				<i>MAPT</i>	5'UTR
cg00601450	5	74,908,170	5.03E-15	0.447	0.377					
cg27209395	6	26,172,397	2.38E-07	0.447	0.488					
cg04285033	21	46,143,498	6.6E-06	0.447	0.545					
cg18698788	15	89,952,499	6.57E-08	0.447	0.395					
cg09659004	6	29,975,078	7.08E-08	0.447	0.435				<i>HLA-J</i>	Body
cg15707833	8	131,455,276	1.86E-06	0.447	0.289					

cg03892356	12	54,420,837	4.15E-10	0.447	0.341				<i>HOXC4</i>	5'UTR
cg10592478	12	53,612,641	2.55E-24	0.447	0.461				<i>RARG</i>	Body
cg10168635	2	191,044,980	1.65E-29	0.447	0.427				<i>C2orf88</i>	TSS1500
cg24816460	6	4,775,203	0.000183	0.447	0.351				<i>CDYL</i>	TSS1500
cg27280004	19	2,489,065	2.68E-24	0.447	0.447					
cg20893717	7	100,318,190	0.005109	0.446	0.277				<i>EPO</i>	TSS1500
cg18563413	19	51,843,854	5.87E-79	0.446	0.425				<i>VSIG10L</i>	Body
cg03276785	7	54,956,202	6.14E-17	0.446	0.449					
cg02090762	17	79,503,859	1.71E-05	0.446	0.418				<i>FSCN2</i>	Body
cg00227578	5	34,657,676	1.01E-18	0.446	0.380				<i>RAI14</i>	5'UTR
cg09064304	4	141,419,169	1.4E-05	0.446	0.433					
cg12451631	10	43,698,141	1.61E-18	0.446	0.448				<i>RASGEF1A</i>	Body
cg16998150	1	169,396,834	9.84E-33	0.446	0.431				<i>C1orf114</i>	TSS200
cg19439123	17	17,687,621	4.46E-09	0.446	0.402				<i>RAI1</i>	5'UTR
cg09920557	17	61,553,938	2.35E-15	0.445	0.400				<i>ACE</i>	TSS1500
cg18108818	7	102,574,475	6.41E-27	0.445	0.445				<i>FBXL13</i>	Body
cg20676696	1	110,210,444	9E-24	0.445	0.385				<i>GSTM2</i>	TSS200
cg03628719	15	89,438,964	9.8E-31	0.445	0.423				<i>HAPLN3</i>	TSS200
cg02532096	11	111,411,289	6.33E-14	0.444	0.453				<i>LAYN</i>	5'UTR
cg13975336	16	67,204,216	3.07E-06	0.444	0.488					
cg11859529	X	70,150,922	6.82E-06	0.444	0.417				<i>SLC7A3</i>	1stExon
cg20842253	2	27,529,788	1.56E-30	0.444	0.396				<i>TRIM54</i>	3'UTR
cg02586610	3	122,745,092	2.61E-12	0.443	0.416				<i>SEMA5B</i>	5'UTR
cg13531315	19	41,354,553	2.04E-20	0.443	0.411			Yes	<i>CYP2A6</i>	Body
cg02636041	10	43,698,008	1.52E-10	0.443	0.452				<i>RASGEF1A</i>	Body
cg06632027	4	90,757,378	4.97E-13	0.443	0.368				<i>SNCA</i>	5'UTR
cg16437908	2	85,640,810	2.69E-16	0.443	0.421					
cg03936721	17	42,386,419	1.46E-21	0.443	0.424				<i>RUNDC3A</i>	Body
cg08161922	12	2,163,608	0.008228	0.443	0.333				<i>CACNA1C</i>	Body
cg14433074	6	30,711,090	1.42E-20	0.443	0.408				<i>IER3</i>	3'UTR
cg12513880	12	115,136,298	4.79E-32	0.443	0.433					
cg12763668	1	19,687,257	3.62E-22	0.443	0.445				<i>CAPZB</i>	Body
cg21026830	14	60,973,517	5.79E-05	0.443	0.472					
cg21868134	1	45,792,660	0.000172	0.443	0.452				<i>HPDL</i>	1stExon



cg26792821	5	113,390,882	1.04E-33	0.443	0.433					
cg16318112	1	969,254	1.15E-07	0.442	0.475				AGRN	Body
cg23356769	X	129,245,245	2.17E-14	0.442	0.384				ELF4	TSS1500
cg05309989	14	50,527,872	1.28E-29	0.442	0.431					
cg13885357	12	53,184,041	0.000146	0.442	0.543				KRT3	Body
cg07249274	5	112,629,565	5.67E-05	0.442	0.352				MCC	Body
cg10575376	12	124,246,446	0.000648	0.442	0.201				DNAH10	TSS1500
cg15140902	6	21,667,815	1.91E-25	0.442	0.413				FLJ22536	Body
cg22097768	17	61,615,913	1.43E-54	0.442	0.428				KCNH6	Body
cg14709691	1	46,632,871	2.12E-23	0.442	0.452					
cg16482474	7	151,107,637	2.13E-07	0.442	0.433				WDR86	TSS1500
cg14862207	17	36,715,798	0.000317	0.442	0.411				SRCIN1	Body
cg09337254	2	85,640,762	2.71E-14	0.442	0.384					
cg05452524	17	53,343,029	0.001418	0.441	0.430				HLF	Body
cg09300114	17	73,084,329	2.9E-36	0.441	0.430	7.38E-37	0.274		SLC16A5	5'UTR
cg10742957	19	39,466,716	8.86E-17	0.441	0.458				FBXO17	TSS1500
cg06805513	X	73,641,955	0.001516	0.441	0.188				SLC16A2	Body
cg00742920	13	27,050,512	9.98E-18	0.441	0.452					
cg07016276	6	29,692,009	6.81E-09	0.441	0.420				HLA-F	Body
cg08022244	7	157,361,759	4.32E-25	0.441	0.429				PTPRN2	Body
cg14371731	10	81,003,175	7.88E-05	0.441	0.408				ZMIZ1	Body
cg09556515	16	85,470,485	3.47E-39	0.441	0.418					
cg03995122	6	29,894,642	7.71E-08	0.441	0.426				HCG4P6	TSS1500
cg01037637	18	59,560,289	9.15E-13	0.441	0.357				RNF152	1stExon
cg13605398	17	7,826,366	0.006105	0.441	0.415				KCNAB3	3'UTR
cg26937868	1	26,202,601	1.93E-32	0.441	0.393					
cg13208318	7	54,956,274	6.25E-17	0.441	0.401					
cg24974704	8	144,577,238	4.59E-22	0.441	0.417				ZC3H3	Body
cg16100120	2	56,150,475	1.25E-10	0.440	0.401				EFEMP1	TSS200
cg13516209	6	29,855,302	1.64E-30	0.440	0.432				HLA-H	TSS200
cg07147449	12	115,136,072	1.61E-15	0.440	0.429					
cg15613420	5	134,735,637	1.08E-09	0.440	0.432				H2AFY	TSS1500
cg15627710	1	154,972,140	1.2E-07	0.440	0.434					
cg02467990	7	49,813,102	0.001571	0.440	0.533				VWC2	TSS200

cg08879910	6	29,974,319	2.3E-09	0.440	0.435				<i>HLA-J</i>	Body
cg13261825	10	98,939,742	4.45E-23	0.440	0.413				<i>SLIT1</i>	Body
cg06947913	12	50,297,793	0.000508	0.440	0.260				<i>FAIM2</i>	TSS200
cg20098471	11	13,032,613	2.25E-06	0.440	0.366				<i>RASSF10</i>	Body
cg15407528	6	30,418,985	1.7E-07	0.439	0.509					
cg01552275	7	2,654,530	3.99E-09	0.439	0.365			Yes		
cg11930554	4	74,809,912	0.000186	0.439	0.392					
cg23235241	16	25,704,505	1.83E-11	0.439	0.452				<i>HS3ST4</i>	Body
cg10594090	19	46,800,198	1.41E-07	0.439	0.397				<i>HIF3A</i>	TSS200
cg16585972	14	23,835,212	4.06E-41	0.439	0.403				<i>EFS</i>	TSS1500
cg26704078	18	24,131,115	2.25E-25	0.439	0.412				<i>KCTD1</i>	5'UTR
cg02072495	15	60,689,285	4.01E-15	0.439	0.334				<i>ANXA2</i>	5'UTR
cg04170192	6	30,418,941	3.43E-11	0.439	0.464					
cg16260298	7	116,140,342	2.27E-20	0.439	0.422				<i>CAV2</i>	Body
cg16232979	19	16,187,631	0.009162	0.438	0.415	2.61E-25	0.287		<i>TPM4</i>	Body
cg23511432	5	137,610,255	0.002463	0.438	0.393				<i>GFRA3</i>	TSS200
cg20003494	4	90,757,398	3.11E-06	0.438	0.362				<i>SNCA</i>	5'UTR
cg21098557	5	43,191,993	3.99E-14	0.438	0.340				<i>MGC42105</i>	TSS1500
cg14134732	16	3,079,894	2.73E-25	0.438	0.431				<i>CCDC64B</i>	Body
cg02879662	19	46,800,467	1.05E-08	0.438	0.422	4.52E-31	0.315		<i>HIF3A</i>	Body
cg11871960	14	97,058,777	5E-05	0.438	0.404					
cg11246563	6	29,855,406	4.56E-29	0.438	0.389				<i>HLA-H</i>	Body
cg18652900	19	15,580,445	1.46E-22	0.438	0.433				<i>PGLYRP2</i>	Body
cg06363129	7	16,505,602	3.88E-22	0.438	0.447	2.99E-10	0.173		<i>SOSTDC1</i>	TSS200
cg14482902	17	36,714,803	8.1E-07	0.437	0.280				<i>SRCIN1</i>	Body
cg24779587	11	47,209,163	3.67E-29	0.437	0.424				<i>PACSIN3</i>	TSS1500
cg26870192	6	137,242,062	7.85E-07	0.437	0.514				<i>SLC35D3</i>	TSS1500
cg04791822	X	47,441,573	6.1E-08	0.437	0.423				<i>SYN1</i>	Body
cg06655100	X	56,259,373	1.04E-16	0.437	0.437	5.47E-21	0.212		<i>KLF8</i>	5'UTR
cg17329164	6	32,121,259	4.15E-22	0.437	0.447	1.15E-28	0.300		<i>PPT2</i>	TSS200
cg04505435	11	70,672,511	4.95E-27	0.437	0.418				<i>SHANK2</i>	Body
cg09910635	7	97,361,026	8.04E-19	0.437	0.406				<i>TAC1</i>	TSS1500
cg19537719	8	41,583,498	2.11E-12	0.437	0.412				<i>ANK1</i>	Body
cg27084746	6	31,831,532	4.07E-35	0.437	0.408				<i>NEU1</i>	TSS1500

cg15621260	11	27,015,813	1.56E-10	0.437	0.432				<i>FIBIN</i>	5'UTR
cg13940444	12	53,617,382	1.8E-22	0.436	0.428				<i>RARG</i>	Body
cg14594187	9	124,498,961	4.32E-35	0.436	0.436				<i>DAB2IP</i>	Body
cg06969287	22	28,838,631	7.73E-22	0.436	0.418				<i>TTC28</i>	Body
cg26591930	11	70,672,986	2.74E-11	0.436	0.389				<i>SHANK2</i>	Body
cg19254906	1	43,251,253	3.09E-06	0.436	0.435					
cg14928057	17	4,891,542	7.45E-06	0.436	0.340				<i>INCA1</i>	3'UTR
cg07347092	12	124,246,927	0.000672	0.436	0.189				<i>DNAH10</i>	TSS200
cg07116010	9	35,646,325	1.27E-06	0.436	0.342					
cg19003815	3	25,469,914	4.1E-32	0.435	0.423				<i>RARB</i>	5'UTR
cg24725574	6	29,974,717	8.06E-08	0.435	0.431				<i>HLA-J</i>	Body
cg07326438	11	57,194,562	0.000979	0.435	0.371				<i>SLC43A3</i>	5'UTR
cg06928838	11	67,351,490	2.31E-43	0.435	0.421				<i>GSTP1</i>	Body
cg14283569	19	51,416,213	7.59E-37	0.435	0.418					
cg21601837	3	125,900,065	4.92E-36	0.435	0.404				<i>ALDH1L1</i>	TSS1500
cg24716879	1	235,105,872	1.27E-19	0.435	0.369					
cg08244085	12	63,025,730	1.22E-08	0.435	0.351					
cg26625629	2	21,022,877	0.000752	0.435	0.395				<i>C2orf43</i>	TSS200
cg07484673	7	99,155,878	7.8E-05	0.435	0.302				<i>ZNF655</i>	TSS200
cg08042316	7	139,930,256	0.004902	0.435	0.319					
cg08101303	7	96,652,222	2.62E-08	0.435	0.439				<i>DLX5</i>	Body
cg09065876	17	45,949,756	1.28E-09	0.435	0.358					
cg25480336	20	50,720,908	4.89E-08	0.435	0.449				<i>ZFP64</i>	Body
cg01146875	3	170,746,172	2.9E-21	0.434	0.411				<i>SLC2A2</i>	TSS1500
cg11560280	12	54,089,497	3.32E-06	0.434	0.420					
cg07724670	20	45,440,228	3.82E-24	0.434	0.405					
cg21908235	1	146,551,744	7.39E-46	0.434	0.435					
cg14130039	6	32,121,225	2.49E-13	0.434	0.457				<i>PPT2</i>	TSS200
cg05467676	3	72,226,965	9.59E-19	0.434	0.433					
cg06102403	20	30,458,708	7.38E-06	0.434	0.332				<i>TTLL9</i>	5'UTR
cg08862890	5	169,064,451	3.18E-06	0.434	0.396				<i>DOCK2</i>	Body
cg18726691	15	90,039,613	2.32E-08	0.434	0.449				<i>RHCG</i>	1stExon
cg01897797	14	22,005,140	1.37E-14	0.434	0.417				<i>SALL2</i>	5'UTR
cg22235821	3	140,796,104	9.03E-07	0.434	0.436				<i>SPSB4</i>	Body

cg02460251	5	176,107,427	7.91E-05	0.433	0.399					
cg09856068	5	170,878,246	0.007331	0.433	0.545				<i>FGF18</i>	Body
cg18077971	2	223,164,867	3.7E-08	0.433	0.465				<i>PAX3</i>	TSS1500
cg20104456	19	51,568,523	5.61E-18	0.433	0.432				<i>KLK13</i>	TSS200
cg20424164	12	65,220,294	1.63E-23	0.433	0.384			Yes		
cg05196026	X	137,793,096	7.93E-07	0.433	0.372				<i>FGF13</i>	Body
cg18437209	11	35,105,199	1.61E-27	0.433	0.417					
cg08476890	X	138,774,601	2.46E-15	0.433	0.390				<i>MCF2</i>	5'UTR
cg18347010	17	55,888,532	3.93E-35	0.433	0.428					
cg04765848	1	53,527,576	1.14E-24	0.433	0.385				<i>PODN</i>	TSS1500
cg06359703	1	41,847,297	0.000275	0.432	0.233					
cg00174573	12	125,172,635	6.26E-30	0.432	0.408					
cg14991984	1	99,470,129	1.2E-05	0.432	0.500				<i>LPPR5</i>	1stExon
cg17588266	15	74,658,330	6.02E-27	0.432	0.421				<i>CYP11A1</i>	1stExon
cg17511968	2	219,721,165	1.07E-22	0.432	0.400					
cg24027937	19	709,809	9.38E-39	0.432	0.394				<i>PALM</i>	Body
cg00815013	X	107,681,737	2.84E-22	0.432	0.447				<i>COL4A5</i>	TSS1500
cg13958426	1	169,396,637	2.13E-05	0.432	0.419	1.22E-15	0.201		<i>C1orf114</i>	1stExon
cg26029345	8	22,960,820	0.009442	0.432	0.308				<i>TNFRSF10C</i>	Body
cg00279790	1	46,914,033	5.01E-20	0.431	0.393					
cg11988831	20	4,803,490	9.71E-12	0.431	0.365				<i>RASSF2</i>	5'UTR
cg23008871	17	45,949,743	1.38E-08	0.431	0.364					
cg27507687	3	48,632,484	0.02201	0.431	0.442				<i>COL7A1</i>	Body
cg08377924	17	41,363,628	7.43E-13	0.431	0.390				<i>NBR1</i>	3'UTR
cg20818417	1	76,082,690	2.21E-06	0.431	0.379					
cg10959711	1	153,509,096	4.7E-28	0.431	0.399				<i>S100A6</i>	TSS1500
cg19320816	6	26,087,776	0.002615	0.431	0.402				<i>HFE</i>	Body
cg22125968	13	43,566,472	0.000129	0.431	0.426				<i>EPSTI1</i>	TSS200
cg10024583	17	45,772,800	5.67E-30	0.431	0.418				<i>TBKBP1</i>	1stExon
cg15579650	X	101,906,119	0.022849	0.431	0.471				<i>GPRASP1</i>	TSS200
cg09907758	11	63,537,459	5.51E-32	0.430	0.423				<i>C11orf95</i>	TSS1500
cg15323528	10	73,156,427	6.71E-17	0.430	0.405				<i>CDH23</i>	TSS1500
cg00987031	5	140,893,101	7.5E-20	0.430	0.350					
cg10840277	8	124,829,410	1.03E-23	0.430	0.453					

cg23208176	5	1,876,168	3.5E-11	0.430	0.397					
cg18242030	5	58,335,271	5.16E-12	0.430	0.375				<i>PDE4D</i>	Body
cg03679305	1	9,129,487	8.29E-15	0.430	0.406	2.51E-23	0.175		<i>SLC2A5</i>	Body
cg01579535	12	54,447,292	1.76E-14	0.430	0.392				<i>HOXC4</i>	5'UTR
cg16371082	3	134,083,158	1.9E-32	0.430	0.460				<i>AMOTL2</i>	Body
cg00930615	15	60,690,667	8.68E-17	0.430	0.374				<i>ANXA2</i>	TSS1500
cg01663018	15	53,097,777	0.003508	0.429	0.357					
cg09287459	X	39,548,787	7.78E-06	0.429	0.345					
cg24818939	X	101,906,109	0.022063	0.429	0.481				<i>GPRASP1</i>	TSS200
cg04880618	17	74,706,567	0.001609	0.429	0.324				<i>MXRA7</i>	Body
cg03949008	X	2,846,196	1.49E-35	0.429	0.399				<i>ARSD</i>	Body
cg14206172	19	39,466,757	4.16E-29	0.429	0.431				<i>FBXO17</i>	TSS1500
cg01738650	6	32,223,076	1.35E-08	0.429	0.395					
cg18337963	11	46,383,209	2.25E-30	0.429	0.422				<i>DGKZ</i>	1stExon
cg00224083	4	139,773,135	5.17E-19	0.429	0.402					
cg10147666	2	219,646,481	0.000841	0.429	0.293				<i>CYP27A1</i>	5'UTR
cg06525551	X	137,792,939	6.31E-09	0.429	0.324				<i>FGF13</i>	Body
cg06968912	17	40,573,643	7.81E-23	0.429	0.420				<i>PTRF</i>	Body
cg10692693	7	101,688,648	1.5E-36	0.429	0.417				<i>CUX1</i>	Body
cg11267955	5	101,632,327	2.72E-06	0.429	0.444				<i>SLCO4C1</i>	TSS200
cg26360792	2	43,019,997	1.67E-07	0.429	0.263				<i>HAAO</i>	TSS1500
cg18856652	2	43,864,913	3.41E-13	0.429	0.381				<i>PLEKHH2</i>	5'UTR
cg07219542	1	110,210,770	4.4E-12	0.429	0.368				<i>GSTM2</i>	1stExon
cg21041775	12	54,425,418	3.63E-20	0.429	0.383				<i>HOXC4</i>	5'UTR
cg25181710	2	26,045,287	6.47E-32	0.429	0.417				<i>ASXL2</i>	Body
cg18709349	19	46,999,274	9.31E-06	0.429	0.442				<i>PNMAL2</i>	TSS200
cg03126946	12	2,944,310	0.002066	0.428	0.233				<i>NRIP2</i>	TSS200
cg19852958	4	13,545,760	3.54E-05	0.428	0.491				<i>NKX3-2</i>	1stExon
cg02711647	2	45,237,689	0.000205	0.428	0.301				<i>SIX2</i>	TSS1500
cg02156680	8	120,651,317	3.57E-12	0.428	0.431				<i>ENPP2</i>	TSS1500
cg14792081	1	65,468,460	0.000622	0.428	0.319					
cg18486102	12	50,297,777	0.003652	0.428	0.244				<i>FAIM2</i>	TSS200
cg15267232	10	8,097,689	4.65E-40	0.428	0.396				<i>GATA3</i>	Body
cg16927871	3	25,469,991	2.81E-32	0.428	0.410				<i>RARB</i>	5'UTR

cg09350274	5	137,610,396	0.001948	0.428	0.358	7.02E-12	0.184		<i>GFRA3</i>	TSS200
cg17393917	12	106,533,840	5.75E-25	0.428	0.412				<i>NUAK1</i>	TSS200
cg11664500	6	133,562,479	1.88E-06	0.427	0.516				<i>EYA4</i>	TSS200
cg09780231	17	873,452	7.64E-24	0.427	0.398				<i>NXN</i>	Body
cg09695033	2	29,337,988	5.62E-08	0.427	0.310				<i>CLIP4</i>	TSS1500
cg22187722	7	29,185,965	1.78E-09	0.427	0.384				<i>CPVL</i>	5'UTR
cg18267506	1	48,937,445	4.88E-07	0.427	0.313				<i>SPATA6</i>	Body
cg01893212	7	49,813,088	0.015338	0.427	0.505				<i>VWC2</i>	TSS200
cg00236832	17	38,465,489	8.03E-11	0.427	0.440	9.78E-28	0.288		<i>RARA</i>	5'UTR
cg12708994	6	116,691,460	1.17E-32	0.427	0.387				<i>DSE</i>	TSS1500
cg19561297	7	102,553,457	3.65E-44	0.427	0.404				<i>LRRC17</i>	5'UTR
cg06223162	1	101,003,688	1.54E-26	0.427	0.395				<i>GPR88</i>	TSS200
cg01610165	5	124,071,029	8.91E-05	0.427	0.356				<i>ZNF608</i>	Body
cg26477549	12	106,642,937	7.67E-12	0.427	0.414				<i>CKAP4</i>	TSS1500
cg21634602	5	112,073,570	0.00055	0.427	0.242	1.89E-13	0.220		<i>APC</i>	1stExon
cg13631572	14	24,803,903	0.00014	0.426	0.457				<i>ADCY4</i>	TSS200
cg12814550	X	119,134,684	2.99E-05	0.426	0.328					
cg12026563	19	18,415,804	1.06E-18	0.426	0.421					
cg23824801	12	54,653,403	5.73E-47	0.426	0.430				<i>CBX5</i>	TSS200
cg04669574	12	50,297,945	0.000401	0.426	0.244				<i>FAIM2</i>	TSS1500
cg08518631	10	102,905,681	4.61E-08	0.426	0.443					
cg04945541	17	43,299,826	1.66E-24	0.426	0.388	1.2E-34	0.232		<i>FMNL1</i>	Body
cg13000649	17	17,626,790	6.35E-27	0.426	0.410				<i>RAI1</i>	5'UTR
cg21347053	6	1,624,978	9.7E-19	0.426	0.405				<i>GMDS</i>	Body
cg01536987	13	43,566,492	8.94E-05	0.426	0.406				<i>EPSTI1</i>	TSS200
cg24852548	4	57,522,632	2.94E-10	0.426	0.439				<i>HOPX</i>	1stExon
cg09235583	6	30,711,141	3.43E-20	0.426	0.401				<i>IER3</i>	3'UTR
cg24480859	1	9,129,791	8.91E-21	0.426	0.391	1.19E-25	0.242		<i>SLC2A5</i>	5'UTR
cg23200020	19	35,068,555	4.05E-17	0.426	0.394				<i>LOC643719</i>	Body
cg11417025	7	16,505,589	3.03E-21	0.426	0.399				<i>SOSTDC1</i>	TSS200
cg25209842	10	103,536,342	2.19E-09	0.426	0.392				<i>FGF8</i>	TSS1500
cg16794576	6	29,974,971	3.04E-11	0.426	0.421				<i>HLA-J</i>	Body
cg13356133	17	12,877,772	4.3E-06	0.426	0.261				<i>RICH2</i>	Body
cg02773050	X	134,654,287	9.47E-09	0.425	0.335				<i>DDX26B</i>	TSS1500

cg25916282	2	177,023,760	0.001255	0.425	0.433					
cg05497345	2	96,990,914	5.96E-08	0.425	0.453				<i>ITPRIPL1</i>	TSS1500
cg14861089	10	102,895,043	9.72E-07	0.425	0.399				<i>TLX1</i>	Body
cg07186138	22	39,410,396	1.07E-15	0.425	0.391	7.7E-36	0.301		<i>APOBEC3C</i>	Body
cg07838272	7	116,164,670	1.02E-09	0.425	0.338				<i>CAV1</i>	TSS200
cg17723653	10	75,407,823	1.13E-12	0.425	0.355				<i>SYNPO2L</i>	Body
cg20569203	12	120,799,911	1.33E-18	0.425	0.419				<i>MSI1</i>	Body
cg00590761	1	55,008,319	6.54E-16	0.425	0.378					
cg14855334	15	74,658,553	1.53E-14	0.425	0.400				<i>CYP11A1</i>	Body
cg12727795	5	149,535,695	4.58E-33	0.425	0.432	2.61E-24	0.323		<i>PDGFRB</i>	TSS1500
cg12239742	X	18,116,923	2.28E-14	0.425	0.381					
cg06654549	5	1,875,058	1.51E-18	0.425	0.419					
cg13857811	X	70,151,209	2.52E-10	0.425	0.412				<i>SLC7A3</i>	TSS1500
cg25813864	17	38,334,176	3.51E-05	0.425	0.346				<i>RAPGEFL1</i>	TSS200
cg05910443	7	101,688,675	2.22E-34	0.425	0.407				<i>CUX1</i>	Body
cg11570367	13	114,896,683	0.000238	0.425	0.380				<i>RASA3</i>	Body
cg25950739	X	101,907,254	8.05E-09	0.425	0.440				<i>GPRASP1</i>	5'UTR
cg04931383	4	37,978,731	4.65E-47	0.425	0.405				<i>TBC1D1</i>	Body
cg12436377	5	87,440,296	0.003198	0.424	0.535					
cg03834574	X	56,259,094	6.43E-10	0.424	0.412				<i>KLF8</i>	5'UTR
cg14449180	6	29,894,619	4.72E-08	0.424	0.420				<i>HCG4P6</i>	TSS1500
cg00691999	4	55,094,011	0.001894	0.424	0.464				<i>PDGFRA</i>	TSS1500
cg19068385	X	47,483,024	0.010199	0.424	0.119					
cg11751645	11	56,947,754	0.000104	0.424	0.369				<i>LRR55</i>	TSS1500
cg06088324	16	19,895,321	1.81E-05	0.424	0.451				<i>GPRC5B</i>	5'UTR
cg19447962	17	17,628,656	1.74E-27	0.424	0.432				<i>RAI1</i>	5'UTR
cg02501155	16	79,263,473	4.97E-18	0.424	0.366					
cg18260397	5	154,230,438	5.35E-31	0.424	0.422				<i>C5orf4</i>	TSS1500
cg22753340	6	31,831,489	4.7E-16	0.424	0.416				<i>NEU1</i>	TSS1500
cg20431135	17	19,290,762	1.49E-32	0.424	0.423				<i>MFAP4</i>	TSS1500
cg01765758	X	106,750,146	8.82E-12	0.424	0.427					
cg16642281	4	109,034,555	3.72E-12	0.424	0.440				<i>LEF1</i>	Body
cg02032778	7	29,186,228	1.29E-06	0.424	0.379				<i>CPVL</i>	TSS200
cg01185682	17	53,343,553	6.99E-10	0.424	0.402				<i>HLF</i>	Body

cg19259179	7	54,956,252	5.54E-25	0.424	0.430					
cg15176829	1	246,952,215	1.57E-31	0.424	0.371				<i>LOC149134</i>	TSS1500
cg25318809	6	29,974,863	1.02E-11	0.424	0.434				<i>HLA-J</i>	Body
cg27397850	7	27,281,941	3.52E-12	0.424	0.339				<i>EVX1</i>	TSS1500
cg07969619	12	115,136,279	1.15E-21	0.423	0.406					
cg09193347	15	79,381,867	8.5E-15	0.423	0.414				<i>RASGRF1</i>	Body
cg01698298	11	61,062,964	1.16E-12	0.423	0.345				<i>VWCE</i>	TSS200
cg14544666	5	179,634,789	7.29E-09	0.423	0.464				<i>RASGEF1C</i>	5'UTR
cg13488570	1	2,222,253	5.37E-10	0.423	0.408			Yes	<i>SKI</i>	Body
cg02823783	12	124,246,919	0.000834	0.423	0.188				<i>DNAH10</i>	TSS200
cg04705659	1	204,329,107	6.63E-12	0.423	0.424				<i>PLEKHA6</i>	TSS200
cg04937416	7	157,479,272	5.62E-10	0.423	0.459				<i>PTPRN2</i>	Body
cg21549195	19	52,452,368	3.44E-05	0.423	0.461					
cg18376288	1	8,181,555	1.3E-14	0.423	0.399					
cg00763725	X	154,842,689	6.64E-06	0.423	0.385				<i>TMLHE</i>	TSS200
cg19954537	2	97,204,401	0.000225	0.423	0.433				<i>ARID5A</i>	Body
cg15632826	6	31,831,740	1.83E-55	0.423	0.402				<i>NEU1</i>	TSS1500
cg09729613	2	201,450,601	4.74E-07	0.423	0.371				<i>AOX1</i>	TSS200
cg03667968	5	112,073,438	0.013784	0.423	0.237				<i>APC</i>	TSS200
cg11228682	6	16,320,530	0.000487	0.422	0.516				<i>ATXN1</i>	Body
cg10541755	3	170,625,872	8.86E-07	0.422	0.264	3.96E-41	0.351		<i>EIF5A2</i>	5'UTR
cg16629469	6	108,440,603	0.003131	0.422	0.429					
cg06234063	12	65,219,392	5.32E-40	0.422	0.411			Yes		
cg20557104	19	41,934,313	3.08E-23	0.422	0.445	2.29E-33	0.304		<i>B3GNT8</i>	5'UTR
cg08580254	17	38,478,807	9.2E-25	0.422	0.385				<i>RARA</i>	5'UTR
cg22116670	5	151,066,730	6.45E-20	0.422	0.430				<i>SPARC</i>	TSS1500
cg25923609	5	3,607,092	7.67E-14	0.422	0.425					
cg11617147	7	105,517,689	1.53E-05	0.422	0.236				<i>ATXN7L1</i>	TSS1500
cg20693607	3	184,319,566	1.82E-05	0.422	0.317					
cg05124021	7	157,487,066	3.65E-21	0.422	0.403				<i>PTPRN2</i>	Body
cg21707172	6	155,537,944	2.04E-17	0.421	0.423				<i>TIAM2</i>	Body
cg19423014	18	59,560,091	3.83E-12	0.421	0.347	9.33E-25	0.282		<i>RNF152</i>	1stExon
cg18442524	5	137,610,372	0.001977	0.421	0.347				<i>GFRA3</i>	TSS200
cg24980893	7	116,164,709	0.001185	0.421	0.347				<i>CAV1</i>	TSS200



cg11856897	1	47,998,999	6.2E-39	0.421	0.408					
cg21422700	1	201,229,247	1.35E-34	0.421	0.404					
cg26412532	10	103,881,068	2.71E-29	0.420	0.425				<i>LDB1</i>	TSS1500
cg04380340	2	201,450,506	3.97E-06	0.420	0.373				<i>AOX1</i>	TSS1500
cg03120555	7	630,473	1.32E-12	0.420	0.377				<i>PRKAR1B</i>	Body
cg22871668	6	133,562,492	3.56E-05	0.420	0.526				<i>EYA4</i>	TSS200
cg17851725	2	121,269,372	5.61E-32	0.420	0.390					
cg01996714	20	3,220,839	3.96E-40	0.420	0.378					
cg27636310	1	46,632,696	4.57E-08	0.420	0.454					
cg14557510	2	122,042,345	1.19E-24	0.420	0.404				<i>TFCP2L1</i>	Body
cg04109822	20	50,158,057	1.22E-07	0.420	0.412				<i>NFATC2</i>	Body
cg19764345	3	57,198,797	1E-07	0.420	0.306				<i>IL17RD</i>	Body
cg12448161	3	48,632,723	4.64E-08	0.420	0.399				<i>COL7A1</i>	TSS200
cg22773555	11	830,233	3.17E-06	0.420	0.474				<i>EFCAB4A</i>	Body
cg11400774	1	156,051,324	0.047686	0.420	0.213				<i>MEX3A</i>	Body
cg25272143	11	62,211,990	1.48E-16	0.420	0.417				<i>AHNAK</i>	Body
cg09641578	15	40,734,696	8.8E-34	0.420	0.404				<i>BAHD1</i>	5'UTR
cg02231729	15	89,438,611	0.001689	0.420	0.420				<i>HAPLN3</i>	5'UTR
cg15219228	6	35,479,628	0.002315	0.420	0.465				<i>TULP1</i>	Body
cg23069167	3	61,550,379	5.86E-30	0.420	0.421				<i>PTPRG</i>	Body
cg13490422	12	50,377,731	3.13E-36	0.420	0.406					
cg13204538	X	119,445,300	3.74E-14	0.420	0.384				<i>FAM70A</i>	1stExon
cg03078363	12	54,408,664	1.31E-10	0.420	0.410					
cg07696699	4	17,783,502	3.31E-07	0.420	0.443				<i>FAM184B</i>	TSS1500
cg07816687	16	67,197,186	4.17E-05	0.419	0.501				<i>HSF4</i>	TSS200
cg11097717	2	191,045,635	5.23E-18	0.419	0.379				<i>C2orf88</i>	5'UTR
cg02916102	15	74,658,244	5.99E-21	0.419	0.377				<i>CYP11A1</i>	1stExon
cg26871372	4	41,867,517	0.000264	0.419	0.467					
cg01025836	20	37,230,326	1.38E-19	0.419	0.418				<i>C20orf95</i>	TSS1500
cg11213690	7	149,112,402	3.06E-28	0.419	0.444					
cg14133945	11	60,809,985	0.000978	0.419	0.284					
cg01676962	8	91,997,001	9.28E-13	0.419	0.368					
cg21537736	X	149,534,089	3.82E-06	0.419	0.446					
cg16162970	14	105,779,952	2.56E-27	0.419	0.420				<i>PACS2</i>	TSS1500

cg20622056	X	70,151,134	6.04E-23	0.419	0.394	6.41E-13	0.239		<i>SLC7A3</i>	TSS200
cg01635086	17	42,386,326	8.17E-06	0.419	0.434				<i>RUNDC3A</i>	Body
cg06744545	2	27,958,421	6.07E-05	0.419	0.326					
cg18759209	20	55,842,071	1.43E-31	0.419	0.370				<i>BMP7</i>	TSS1500
cg13722431	6	2,903,533	3.4E-14	0.419	0.380				<i>SERPINB9</i>	1stExon
cg20101352	7	29,186,234	1.25E-05	0.418	0.373				<i>CPVL</i>	TSS200
cg14032025	20	50,721,129	1.22E-10	0.418	0.433				<i>ZFP64</i>	Body
cg13934406	6	32,120,878	7.65E-10	0.418	0.439				<i>PPT2</i>	TSS1500
cg00409917	6	29,894,679	7.55E-08	0.418	0.415				<i>HCG4P6</i>	TSS1500
cg01614237	4	6,660,771	3.69E-07	0.418	0.429					
cg15275625	3	13,343,118	1.58E-25	0.418	0.431					
cg23624008	1	70,035,479	3.51E-05	0.418	0.404					
cg13247663	8	59,058,254	8.75E-48	0.418	0.404				<i>FAM110B</i>	5'UTR
cg04557452	11	62,691,251	1.52E-09	0.418	0.386					
cg01853276	2	24,162,441	0.000199	0.418	0.444				<i>UBXN2A</i>	TSS1500
cg25020459	21	47,402,144	4.07E-07	0.418	0.404	1.62E-19	0.257		<i>COL6A1</i>	Body
cg02896361	X	47,441,581	0.002048	0.418	0.413				<i>SYN1</i>	Body
cg22855900	5	72,529,662	3.66E-08	0.418	0.391					
cg04889072	3	193,776,187	2.2E-16	0.418	0.376					
cg08320659	6	26,088,202	9.69E-05	0.418	0.387				<i>HFE</i>	Body
cg02534363	3	47,050,950	6.54E-08	0.418	0.355				<i>NBEAL2</i>	3'UTR
cg06711837	X	137,792,814	3.46E-14	0.417	0.317				<i>FGF13</i>	Body
cg01518607	6	27,235,891	0.000347	0.417	0.518					
cg03159396	6	50,808,813	1.72E-06	0.417	0.441				<i>TFAP2B</i>	Body
cg07777008	11	27,015,808	4.13E-13	0.417	0.424				<i>FIBIN</i>	5'UTR
cg23083672	X	13,587,603	1.72E-17	0.417	0.418	2.18E-18	0.263		<i>EGFL6</i>	TSS200
cg22902400	22	39,473,197	8.5E-13	0.417	0.408				<i>APOBEC3G</i>	5'UTR
cg10119075	10	7,709,738	1.28E-21	0.417	0.400				<i>ITIH5</i>	TSS1500
cg22222281	12	6,308,758	1.52E-19	0.417	0.383				<i>CD9</i>	TSS1500
cg12153794	12	115,131,549	1.65E-09	0.417	0.441			Yes		
cg26107890	3	124,860,686	3.59E-07	0.417	0.419				<i>SLC12A8</i>	Body
cg08396863	2	220,117,599	7.77E-25	0.417	0.417				<i>TUBA4B</i>	TSS1500
cg16515238	X	119,444,909	0.002807	0.417	0.288				<i>FAM70A</i>	Body
cg22598028	3	44,626,492	1.12E-06	0.417	0.264	2.86E-11	0.211		<i>ZNF660</i>	5'UTR

cg14095438	8	49,468,684	1.42E-11	0.417	0.366					
cg17239057	1	224,363,575	1.18E-20	0.417	0.411					
cg03774468	3	140,950,104	5.3E-05	0.417	0.371				ACPL2	TSS1500
cg01821058	16	55,512,870	4.07E-06	0.416	0.378				MMP2	TSS1500
cg06443533	1	1,182,424	0.001561	0.416	0.423				FAM132A	TSS1500
cg14553740	9	18,976,715	4.35E-16	0.416	0.363				FAM154A	Body
cg01340542	1	65,468,273	2.42E-11	0.416	0.320					
cg01655356	11	70,672,841	1.67E-33	0.416	0.400				SHANK2	Body
cg04448487	20	42,875,777	4.25E-08	0.416	0.273	5.32E-26	0.319		GDAP1L1	TSS200
cg16562730	16	71,560,187	1.05E-15	0.416	0.376				CHST4	1stExon
cg14318199	X	12,974,511	4.4E-07	0.416	0.403					
cg23130010	6	29,855,462	2.73E-21	0.416	0.356				HLA-H	Body
cg03049782	17	41,363,891	3.28E-22	0.416	0.390				TMEM106A	TSS200
cg07091016	1	36,174,005	2.96E-07	0.416	0.299					
cg22761670	17	74,268,201	0.003564	0.416	0.474					
cg12627583	2	201,450,731	7.19E-05	0.416	0.365	8.96E-25	0.304		AOX1	1stExon
cg18881873	20	52,276,947	4.17E-11	0.416	0.429					
cg08266417	2	201,450,575	7.5E-05	0.416	0.367				AOX1	TSS200
cg12277627	X	129,245,225	3.25E-06	0.416	0.324				ELF4	TSS1500
cg07402729	11	61,062,902	5.91E-13	0.416	0.353				VWCE	TSS200
cg11122493	17	74,706,551	0.003325	0.415	0.315				MXRA7	Body
cg08918274	10	17,270,300	5.78E-09	0.415	0.412				VIM	5'UTR
cg20785674	1	150,123,490	9.94E-22	0.415	0.384				PLEKHO1	Body
cg07602744	7	157,484,164	5.74E-18	0.415	0.406				PTPRN2	Body
cg00507008	12	115,131,421	6.22E-07	0.415	0.447					
cg21932800	X	135,056,858	1.47E-14	0.415	0.347	8.87E-31	0.209		MMGT1	TSS1500
cg01335367	12	110,172,208	9.92E-27	0.415	0.404				MGC14436	Body
cg18363192	6	31,831,434	1.87E-15	0.415	0.399				NEU1	TSS1500
cg08096786	16	57,571,099	6.16E-06	0.415	0.368				CCDC102A	TSS1500
cg14488317	11	3,181,446	1.32E-37	0.415	0.406				OSBPL5	5'UTR
cg01373189	13	33,002,820	8.64E-16	0.415	0.392				N4BP2L1	TSS1500
cg06092265	12	65,219,655	4.76E-74	0.415	0.409					
cg04920358	8	49,468,800	1.11E-05	0.415	0.398					
cg05542338	4	5,710,407	0.000111	0.415	0.330				EVC2	5'UTR

cg03340649	3	44,626,453	4.5E-11	0.415	0.297				<i>ZNF660</i>	TSS200
cg02264990	12	54,447,243	3.06E-27	0.415	0.407				<i>HOXC4</i>	5'UTR
cg17246140	2	43,020,264	1.87E-54	0.415	0.392				<i>HAAO</i>	TSS1500
cg23740882	20	44,098,387	2.98E-06	0.415	0.282				<i>WFDC2</i>	TSS200
cg24144083	3	36,805,814	1.98E-08	0.414	0.415					
cg10513702	1	200,003,800	3.9E-08	0.414	0.400				<i>NR5A2</i>	Body
cg17397592	2	237,416,338	1.98E-08	0.414	0.380				<i>IQCA1</i>	TSS1500
cg01908462	4	184,718,215	1.94E-08	0.414	0.395					
cg18531004	3	128,564,980	1.46E-08	0.414	0.364					
cg05452406	6	10,881,891	8.78E-23	0.414	0.393				<i>GCM2</i>	Body
cg10510586	X	68,348,597	1.91E-06	0.414	0.469					
cg20162652	12	66,629,018	9.61E-17	0.414	0.406				<i>IRAK3</i>	Body
cg03475285	8	54,789,207	5.74E-27	0.414	0.417				<i>RGS20</i>	Body
cg22369786	13	80,911,626	5.26E-06	0.414	0.406				<i>SPRY2</i>	Body
cg14088357	19	46,800,338	1.74E-35	0.414	0.407				<i>HIF3A</i>	TSS1500
cg11543592	12	115,124,067	3.85E-17	0.413	0.391					
cg06334134	7	142,986,693	1.47E-23	0.413	0.365				<i>CASP2</i>	Body
cg23839159	1	43,281,794	2.08E-22	0.413	0.407				<i>CCDC23</i>	Body
cg10030843	12	115,303,226	1.1E-24	0.413	0.397					
cg00755063	19	13,275,288	5.06E-17	0.413	0.327					
cg14914046	6	32,223,098	2.43E-10	0.413	0.385					
cg13420364	1	234,857,659	2.91E-25	0.413	0.395					
cg24645214	8	54,789,978	3.61E-15	0.413	0.404				<i>RGS20</i>	Body
cg26149167	19	16,187,889	0.002439	0.413	0.390				<i>TPM4</i>	Body
cg12317414	10	75,407,991	1.23E-28	0.413	0.394				<i>SYNPO2L</i>	Body
cg11638117	X	139,587,335	0.001649	0.413	0.531				<i>SOX3</i>	TSS200
cg13625875	4	54,959,419	2.4E-15	0.413	0.377					
cg08730348	16	31,214,307	3.2E-13	0.412	0.289				<i>PYCARD</i>	TSS200
cg03304815	3	134,083,139	3.98E-30	0.412	0.430				<i>AMOTL2</i>	Body
cg03376794	16	25,704,507	6.59E-10	0.412	0.423				<i>HS3ST4</i>	Body
cg18060199	1	94,146,495	1.98E-14	0.412	0.373	4.61E-27	0.211		<i>BCAR3</i>	5'UTR
cg18542056	19	51,523,205	8.51E-17	0.412	0.414				<i>KLK10</i>	5'UTR
cg13221363	2	12,859,103	5.95E-06	0.412	0.478				<i>TRIB2</i>	Body
cg05168015	5	171,880,461	9.52E-23	0.412	0.411				<i>SH3PXD2B</i>	Body

cg25801701	4	54,959,548	2.3E-12	0.412	0.432					
cg20927242	6	29,692,011	8.11E-11	0.412	0.400				<i>HLA-F</i>	Body
cg18132916	6	79,620,363	1.07E-07	0.412	0.433					
cg12911763	11	125,133,335	1.09E-17	0.412	0.405				<i>PKNOX2</i>	5'UTR
cg07961015	5	1,876,215	8.1E-15	0.412	0.401					
cg24302235	3	170,746,073	1.22E-09	0.412	0.381				<i>SLC2A2</i>	TSS1500
cg26250609	11	67,351,273	1.32E-70	0.412	0.416				<i>GSTP1</i>	1stExon
cg13804182	6	30,711,796	8.04E-09	0.412	0.430				<i>FLOT1</i>	TSS1500
cg21606115	7	157,361,752	1.47E-25	0.412	0.399				<i>PTPRN2</i>	Body
cg26621770	12	115,131,447	6.59E-09	0.412	0.420					
cg12177793	14	24,837,892	0.000236	0.411	0.395				<i>NFATC4</i>	Body
cg14518209	5	151,066,268	7.52E-19	0.411	0.454				<i>SPARC</i>	5'UTR
cg14553243	2	219,646,657	0.000597	0.411	0.293				<i>CYP27A1</i>	5'UTR
cg19113375	9	98,784,351	2.94E-09	0.411	0.299				<i>NCRNA00092</i>	TSS1500
cg00059652	17	67,605,498	4.2E-20	0.411	0.378					
cg03079733	21	43,183,466	7.15E-21	0.411	0.401				<i>RIPK4</i>	Body
cg20556517	19	18,540,330	1.31E-07	0.411	0.273				<i>SSBP4</i>	Body
cg05915293	16	2,041,512	9.76E-09	0.411	0.416				<i>SYNGR3</i>	Body
cg06537680	16	67,204,316	5.48E-05	0.411	0.452					
cg00734904	17	55,888,454	5.76E-40	0.411	0.398					
cg20092531	18	54,789,058	9.64E-05	0.411	0.334					
cg00330929	19	2,282,010	4.27E-07	0.411	0.343				<i>C19orf35</i>	5'UTR
cg23272399	1	53,068,579	1.27E-08	0.411	0.318				<i>GPX7</i>	Body
cg26205652	12	48,591,994	8.3E-05	0.410	0.416					
cg19640166	10	106,088,711	0.000513	0.410	0.446				<i>ITPRIP</i>	5'UTR
cg07836831	1	2,460,865	1.37E-15	0.410	0.428				<i>HES5</i>	3'UTR
cg08924430	4	106,067,052	1.03E-10	0.410	0.299	2.84E-38	0.275		<i>TET2</i>	TSS1500
cg16523424	X	47,441,779	3.3E-05	0.410	0.408	3.27E-18	0.108		<i>SYN1</i>	Body
cg04743654	3	50,378,292	1.26E-07	0.410	0.392				<i>RASSF1</i>	5'UTR
cg06632214	11	314,074	0.000161	0.410	0.228				<i>IFITM1</i>	1stExon
cg12053769	1	2,461,413	3.03E-27	0.410	0.403				<i>HES5</i>	Body
cg03191045	20	36,040,903	0.000177	0.410	0.498					
cg21604803	19	50,194,662	7.88E-05	0.409	0.306	2.03E-10	0.214		<i>CPT1C</i>	5'UTR
cg08946731	7	32,981,826	2.88E-06	0.409	0.201				<i>RP9P</i>	Body

cg02865822	11	46,383,141	5E-32	0.409	0.395				<i>DGKZ</i>	Body
cg20229534	6	10,882,250	0.000337	0.409	0.441				<i>GCM2</i>	TSS200
cg11682697	1	56,992,372	9.01E-22	0.409	0.410				<i>PPAP2B</i>	Body
cg13570656	15	75,019,196	7.68E-16	0.409	0.390				<i>CYP1A1</i>	TSS1500
cg04109898	6	29,943,455	3.86E-07	0.409	0.396				<i>HCG9</i>	Body
cg14502484	5	1,446,208	2.07E-26	0.409	0.372				<i>SLC6A3</i>	TSS1500
cg23489273	6	29,910,292	8.59E-51	0.409	0.376				<i>HLA-A</i>	TSS200
cg26955987	12	3,862,457	0.013211	0.409	0.290				<i>EFCAB4B</i>	TSS200
cg18108623	17	33,701,321	2.95E-14	0.409	0.417	5.26E-28	0.254		<i>SLFN11</i>	TSS1500
cg03085312	17	38,465,281	7.11E-32	0.409	0.398	2.75E-38	0.266		<i>RARA</i>	TSS200
cg09720701	12	54,447,283	9.21E-10	0.409	0.346				<i>HOXC4</i>	5'UTR
cg00758229	3	25,469,148	2.62E-11	0.409	0.359				<i>RARB</i>	TSS1500
cg15052447	17	74,696,872	5.18E-07	0.409	0.448				<i>MXRA7</i>	Body
cg26386409	12	63,025,771	0.000205	0.409	0.332					
cg06100756	17	43,221,575	2.31E-23	0.408	0.356					
cg14432143	6	29,975,061	8.54E-09	0.408	0.384				<i>HLA-J</i>	Body
cg09172548	12	3,862,221	0.025701	0.408	0.290				<i>EFCAB4B</i>	1stExon
cg19414967	8	49,468,296	5.41E-25	0.408	0.414					
cg21327343	X	56,258,579	1.2E-08	0.408	0.344				<i>KLF8</i>	TSS1500
cg03679544	6	155,537,972	1.45E-11	0.408	0.405				<i>TIAM2</i>	Body
cg27021986	15	41,805,273	2.72E-20	0.408	0.431				<i>LTK</i>	Body
cg18450254	3	64,200,005	2.65E-15	0.408	0.397				<i>PRICKLE2</i>	5'UTR
cg26260038	4	16,085,716	1.52E-32	0.408	0.394				<i>PROM1</i>	TSS200
cg22272840	8	10,586,882	5.4E-11	0.408	0.398				<i>SOX7</i>	Body
cg14210694	2	191,045,632	2.79E-14	0.408	0.364				<i>C2orf88</i>	5'UTR
cg00260634	2	219,847,233	2.04E-30	0.408	0.423				<i>FEV</i>	Body
cg19423622	7	158,362,729	1.02E-36	0.408	0.413				<i>PTPRN2</i>	Body
cg18094781	3	25,469,430	6.09E-34	0.408	0.386				<i>RARB</i>	TSS1500
cg09025501	16	88,717,472	1.87E-12	0.408	0.394				<i>CYBA</i>	TSS200
cg18403673	11	63,828,569	1.8E-26	0.408	0.411				<i>MACROD1</i>	Body
cg14547067	11	46,317,154	0.000544	0.408	0.328				<i>CREB3L1</i>	Body
cg26668837	11	8,615,356	7.92E-13	0.408	0.375				<i>STK33</i>	1stExon
cg09549813	16	4,587,862	5.5E-39	0.407	0.419				<i>C16orf5</i>	5'UTR
cg09275704	16	54,317,042	1.47E-18	0.407	0.373					

cg06404175	20	3,052,692	0.000991	0.407	0.349				<i>OXT</i>	Body
cg14250833	6	10,882,240	0.003205	0.407	0.474				<i>GCM2</i>	TSS200
cg01814945	6	29,974,723	2.1E-08	0.407	0.407				<i>HLA-J</i>	Body
cg01622437	12	115,136,246	7.79E-26	0.407	0.391					
cg08412913	16	85,429,522	2.37E-13	0.407	0.327					
cg19714985	10	77,043,608	2.57E-10	0.407	0.433					
cg251110734	5	149,535,650	4.04E-42	0.407	0.374				<i>PDGFRB</i>	TSS1500
cg25614853	X	149,534,258	8.38E-10	0.407	0.346					
cg18241962	17	75,385,432	7.96E-16	0.407	0.396				<i>SEPT9</i>	5'UTR
cg18322546	14	77,422,738	8.39E-10	0.407	0.351					
cg23180938	5	115,152,485	0.000889	0.407	0.231				<i>CDO1</i>	TSS200
cg18690729	10	128,250,156	9.9E-05	0.407	0.357					
cg17235702	7	54,956,419	1.84E-08	0.406	0.379					
cg15336765	12	50,355,307	1.36E-11	0.406	0.348				<i>AQP5</i>	1stExon
cg12077963	17	4,079,306	1.39E-16	0.406	0.381				<i>ANKFY1</i>	Body
cg15804105	6	26,172,302	0.000374	0.406	0.478					
cg00980978	20	44,098,724	4.9E-06	0.406	0.285	2.39E-18	0.208		<i>WFDC2</i>	Body
cg03796321	15	86,162,442	2.59E-09	0.406	0.385				<i>AKAP13</i>	Body
cg06426416	4	5,710,403	1.16E-05	0.406	0.291				<i>EVC2</i>	5'UTR
cg09017619	7	27,196,320	0.000002	0.406	0.404				<i>HOXA7</i>	TSS200
cg04890459	16	67,204,681	2.61E-05	0.406	0.424					
cg25200152	1	147,790,458	2.5E-08	0.406	0.360					
cg27538686	1	76,540,641	2.66E-12	0.406	0.335				<i>ST6GALNAC3</i>	Body
cg03867465	4	183,062,301	1.19E-16	0.406	0.376				<i>MGC45800</i>	Body
cg01414687	1	31,846,873	0.006862	0.406	0.216				<i>FABP3</i>	TSS1500
cg09535960	8	23,193,704	1.18E-19	0.406	0.386				<i>LOXL2</i>	Body
cg15255584	X	8,698,502	0.000828	0.406	0.291				<i>KAL1</i>	Body
cg08548396	6	30,095,549	6.52E-05	0.406	0.413					
cg19653212	6	42,145,954	1.54E-05	0.406	0.466				<i>GUCA1A</i>	Body
cg08750951	4	89,378,894	0.002084	0.406	0.222				<i>HERC5</i>	Body
cg14724419	11	111,178,990	2.73E-07	0.406	0.420				<i>C11orf93</i>	Body
cg26066597	14	21,540,022	1.32E-19	0.406	0.337				<i>FLJ10357</i>	Body
cg23166865	1	63,539,729	6.81E-08	0.406	0.376					
cg25378916	5	1,875,013	1.88E-13	0.406	0.409					

cg04507515	11	74,178,268	0.000593	0.405	0.305				<i>KCNE3</i>	5'UTR
cg13999188	2	175,548,310	1.54E-06	0.405	0.288				<i>WIPF1</i>	TSS1500
cg22455450	19	53,038,972	4.57E-10	0.405	0.385				<i>ZNF808</i>	5'UTR
cg21334513	6	30,095,248	1.13E-18	0.405	0.422					
cg05372113	19	41,595,975	3.87E-24	0.405	0.386				<i>CYP2A13</i>	Body
cg23609985	1	119,870,339	1.18E-13	0.405	0.339					
cg09183124	1	173,092,323	1.28E-28	0.405	0.377					
cg13283765	2	200,853,063	6.86E-13	0.405	0.435					
cg26119367	2	17,699,620	0.000371	0.405	0.444				<i>RAD51AP2</i>	1stExon
cg23350336	10	70,321,554	4.12E-10	0.405	0.388				<i>TET1</i>	5'UTR
cg16364121	17	35,291,924	1.34E-05	0.405	0.440					
cg02051239	2	74,375,507	1.06E-26	0.405	0.349				<i>BOLA3</i>	TSS1500
cg26319579	6	35,466,014	1.12E-18	0.405	0.416				<i>TULP1</i>	3'UTR
cg04804377	2	17,699,746	0.02217	0.405	0.425				<i>RAD51AP2</i>	TSS200
cg14287112	6	133,562,485	4.86E-06	0.405	0.489				<i>EYA4</i>	TSS200
cg16670497	1	110,210,913	8.46E-16	0.405	0.364	3.06E-12	0.226		<i>GSTM2</i>	Body
cg00310940	1	9,129,648	5.66E-31	0.405	0.361				<i>SLC2A5</i>	5'UTR
cg23880581	15	78,912,387	4.97E-18	0.405	0.345				<i>CHRNA3</i>	Body
cg26010734	19	15,344,046	6E-07	0.404	0.379				<i>EPHX3</i>	TSS200
cg02054792	2	106,014,950	3.27E-05	0.404	0.455				<i>FHL2</i>	5'UTR
cg00506343	12	54,421,033	1.86E-11	0.404	0.330				<i>HOXC4</i>	5'UTR
cg01392772	17	53,342,740	1.45E-05	0.404	0.389				<i>HLF</i>	5'UTR
cg20145692	1	40,781,289	3.72E-06	0.404	0.381				<i>COL9A2</i>	Body
cg00447833	8	30,243,260	6.43E-10	0.404	0.319				<i>RPMS</i>	Body
cg09143713	20	9,141,615	1.96E-09	0.404	0.391				<i>PLCB4</i>	5'UTR
cg26206183	14	24,457,993	1.68E-21	0.404	0.411				<i>DHRS4L2</i>	TSS200
cg12265829	14	24,804,022	7.58E-12	0.404	0.420	1.74E-19	0.287		<i>ADCY4</i>	TSS200
cg07561894	19	18,540,208	8.81E-07	0.404	0.257				<i>SSBP4</i>	Body
cg06899186	7	148,394,994	2.89E-05	0.404	0.261				<i>CUL1</i>	TSS1500
cg26105015	3	122,745,099	2.03E-20	0.404	0.388				<i>SEMA5B</i>	5'UTR
cg08790676	17	15,686,438	7.88E-05	0.404	0.369					
cg26272220	12	81,471,884	6.01E-05	0.404	0.379				<i>ACSS3</i>	1stExon
cg02303897	12	53,268,136	0.014879	0.404	0.315					
cg25568066	5	126,205,045	1.16E-34	0.404	0.403				<i>MARCH3</i>	3'UTR



cg05661282	19	58,220,370	9.31E-08	0.404	0.344				<i>ZNF154</i>	5'UTR
cg26670562	4	86,954,105	8.17E-24	0.403	0.380				<i>MAPK10</i>	Body
cg01005439	16	67,204,010	1.4E-06	0.403	0.438					
cg04367486	3	112,051,991	0.004363	0.403	0.483				<i>CD200</i>	1stExon
cg25720815	6	29,974,692	6.07E-08	0.403	0.406				<i>HLA-J</i>	Body
cg08668790	19	58,220,662	2.07E-12	0.403	0.363	2.25E-21	0.287		<i>ZNF154</i>	TSS200
cg03030717	12	65,218,069	0.012416	0.403	0.105					
cg17537073	13	24,902,500	0.004885	0.403	0.369					
cg27608999	10	45,914,276	1.89E-12	0.403	0.370				<i>ALOX5</i>	Body
cg01240056	7	1,263,927	2.32E-09	0.403	0.416					
cg05471296	7	27,196,302	6.73E-10	0.403	0.419				<i>HOXA7</i>	TSS200
cg15732502	10	93,647,300	4.66E-05	0.403	0.337					
cg26655340	5	154,230,141	1.89E-30	0.403	0.385				<i>C5orf4</i>	5'UTR
cg02215070	7	134,144,055	0.002207	0.403	0.256				<i>AKR1B1</i>	TSS200
cg06905453	19	14,089,284	8.87E-15	0.403	0.375				<i>RFX1</i>	Body
cg11155687	12	63,025,589	4.23E-09	0.403	0.312					
cg05687686	2	180,726,697	9.12E-08	0.403	0.284				<i>MIR1258</i>	TSS1500
cg26803268	10	18,549,536	8.4E-10	0.403	0.433				<i>CACNB2</i>	Body
cg14639847	12	54,389,982	0.001172	0.403	0.312					
cg12457529	7	99,155,892	0.000536	0.403	0.283				<i>ZNF655</i>	TSS200
cg07251099	3	112,052,405	5.63E-05	0.403	0.500				<i>CD200</i>	Body
cg03678039	17	74,525,066	1.01E-17	0.403	0.390			Yes	<i>CYGB</i>	Body
cg07285673	2	29,337,984	2.39E-07	0.403	0.284				<i>CLIP4</i>	TSS1500
cg10096645	18	24,130,851	1.08E-26	0.403	0.377				<i>KCTD1</i>	5'UTR
cg03118626	19	51,523,252	4.59E-19	0.403	0.397				<i>KLK10</i>	5'UTR
cg04012931	6	30,711,164	1.94E-19	0.403	0.403				<i>IER3</i>	3'UTR
cg13102585	17	42,386,208	1.92E-32	0.403	0.379	1.59E-29	0.256		<i>RUNDC3A</i>	1stExon
cg25593560	19	16,187,364	0.000631	0.402	0.390				<i>TPM4</i>	Body
cg19263700	6	32,223,236	2.72E-13	0.402	0.377					
cg27449131	6	30,712,027	0.003601	0.402	0.413				<i>IER3</i>	Body
cg05286653	19	46,800,602	7.15E-21	0.402	0.384				<i>HIF3A</i>	Body
cg14038391	10	102,900,130	9.94E-07	0.402	0.347					
cg08857063	6	50,808,667	4.59E-15	0.402	0.410				<i>TFAP2B</i>	Body
cg23398076	2	66,664,960	0.001111	0.402	0.467				<i>MEIS1</i>	Body

cg26733301	20	61,585,924	2.51E-18	0.402	0.380				<i>SLC17A9</i>	Body
cg04600466	5	139,076,830	4.58E-36	0.402	0.389					
cg07846311	4	57,371,927	4.54E-07	0.402	0.415				<i>ARL9</i>	5'UTR
cg01116067	1	2,461,838	4.41E-10	0.402	0.371				<i>HES5</i>	TSS200
cg16680677	10	80,008,481	8.1E-11	0.402	0.341					
cg17911788	17	44,343,683	3.33E-09	0.402	0.338					
cg27447477	12	111,023,252	6.77E-18	0.402	0.387					
cg08421126	2	43,019,854	2.02E-07	0.402	0.246				<i>HAAO</i>	TSS200
cg08693490	12	116,757,896	2.77E-15	0.402	0.398					
cg21386647	3	9,289,893	3.26E-07	0.402	0.269				<i>SRGAP3</i>	Body
cg16133088	12	3,862,428	0.019573	0.402	0.275				<i>EFCAB4B</i>	TSS200
cg00890485	14	70,653,919	9.71E-11	0.402	0.380				<i>SLC8A3</i>	5'UTR
cg09704415	1	48,937,250	4E-24	0.402	0.345	8.46E-33	0.274		<i>SPATA6</i>	Body
cg06463958	6	166,582,393	0.02384	0.402	0.250				<i>T</i>	TSS1500
cg23244790	5	140,811,102	3.46E-17	0.402	0.369				<i>PCDHGA4</i>	Body
cg25542878	4	6,474,782	1.14E-05	0.402	0.302				<i>PPP2R2C</i>	TSS1500
cg26332488	1	2,230,640	1.91E-25	0.402	0.396				<i>SKI</i>	Body
cg26121931	6	29,895,204	1.45E-09	0.402	0.387					
cg00084338	6	170,595,920	3.48E-11	0.402	0.389				<i>DLL1</i>	Body
cg20786074	2	56,150,255	1.16E-26	0.402	0.393	1.2E-27	0.282		<i>EFEMP1</i>	1stExon
cg19166302	3	122,296,613	6.65E-10	0.401	0.397				<i>PARP15</i>	1stExon
cg10400707	1	160,369,840	7.21E-12	0.401	0.360				<i>VANGL2</i>	TSS1500
cg24530250	11	71,955,599	1.14E-05	0.401	0.373				<i>PHOX2A</i>	TSS1500
cg17469978	7	116,164,704	3.26E-06	0.401	0.321	9.54E-26	0.236		<i>CAV1</i>	TSS200
cg19736608	4	47,840,050	3.4E-06	0.401	0.357				<i>CORIN</i>	5'UTR
cg03336086	5	79,331,047	1.27E-11	0.401	0.341				<i>THBS4</i>	1stExon
cg07664553	4	57,372,597	1.21E-22	0.401	0.409				<i>ARL9</i>	5'UTR
cg01446950	2	222,435,351	0.00027	0.401	0.286				<i>EPHA4</i>	Body
cg04987053	16	5,038,078	0.000202	0.401	0.470				<i>SEC14L5</i>	Body
cg11027354	5	10,761,677	0.015703	0.401	0.210				<i>DAP</i>	TSS1500
cg13928417	9	124,498,782	4.11E-32	0.401	0.383				<i>DAB2IP</i>	Body
cg17265994	11	2,905,024	3.97E-12	0.401	0.328				<i>CDKN1C</i>	3'UTR
cg13248778	7	128,337,725	0.00544	0.401	0.345					
cg20687242	12	54,653,427	4.61E-10	0.401	0.376				<i>CBX5</i>	TSS200

cg20365336	6	16,986,186	3.27E-15	0.401	0.361					
cg14173147	9	27,528,300	1.37E-22	0.401	0.381				<i>MOBKL2B</i>	5'UTR
cg07398614	3	128,564,918	0.000356	0.401	0.358					
cg12548341	10	104,420,963	3.08E-22	0.401	0.390					
cg27498387	8	41,655,789	2.51E-31	0.401	0.383				<i>ANK1</i>	TSS1500
cg00420348	11	830,190	7.04E-08	0.401	0.423				<i>EFCAB4A</i>	Body
cg01016662	1	110,673,082	0.00131	0.401	0.339					
cg24251193	1	156,676,542	4.84E-07	0.400	0.377				<i>CRABP2</i>	TSS1500
cg22844232	3	193,776,047	7.46E-13	0.400	0.374					
cg03405260	17	77,786,344	1.61E-16	0.400	0.393					
cg25228995	5	139,260,468	1.43E-25	0.400	0.352				<i>NRG2</i>	Body
cg03789645	7	148,394,842	5.24E-16	0.400	0.367				<i>CUL1</i>	TSS1500
cg27486427	3	25,469,919	3.02E-32	0.400	0.390	1.81E-26	0.258		<i>RARB</i>	5'UTR
cg19266578	20	62,711,729	5.02E-13	0.400	0.410				<i>RGS19</i>	TSS1500
cg23477967	2	188,419,087	5.47E-07	0.400	0.438	1.38E-14	0.234		<i>TFPI</i>	1stExon
cg16498913	5	1,851,563	3.71E-13	0.400	0.401					
cg23369529	1	68,149,989	2.05E-17	0.400	0.334				<i>GADD45A</i>	TSS1500
cg05972871	12	3,862,444	0.018095	0.400	0.275				<i>EFCAB4B</i>	TSS200
cg06786153	15	78,327,011	1.62E-08	0.400	0.350				<i>TBC1D2B</i>	Body
cg20577019	1	150,123,077	0.001663	0.400	0.255				<i>PLEKHO1</i>	Body
cg23155911	5	126,205,009	3E-36	0.400	0.387				<i>MARCH3</i>	3'UTR
cg12574408	7	25,219,543	1.17E-05	0.400	0.303				<i>C7orf31</i>	5'UTR
cg26310256	X	13,588,301	5.29E-18	0.400	0.421				<i>EGFL6</i>	Body
cg10708955	17	8,056,950	1.27E-27	0.399	0.388				<i>PER1</i>	TSS1500
cg00751021	2	206,474,068	2.18E-22	0.399	0.400				<i>PARD3B</i>	Body
cg21527621	1	55,013,419	1.99E-11	0.399	0.386				<i>ACOT11</i>	TSS1500
cg09651145	5	148,651,144	3.03E-09	0.399	0.346				<i>AFAP1L1</i>	TSS1500
cg14081667	21	44,782,497	3.68E-40	0.399	0.397					
cg21602557	8	119,122,878	0.000101	0.399	0.297				<i>EXT1</i>	1stExon
cg05422029	6	27,235,843	2.23E-05	0.399	0.483					
cg07311845	X	154,842,736	4.13E-09	0.399	0.319	5.72E-19	0.240		<i>TMLHE</i>	TSS200
cg21203569	11	47,279,365	8.46E-16	0.399	0.378				<i>NR1H3</i>	TSS200
cg05885936	2	132,088,912	2.1E-09	0.399	0.437					
cg03172947	20	44,035,850	1.92E-14	0.399	0.374				<i>DBNDD2</i>	5'UTR

cg05102394	4	148,402,899	9.68E-20	0.399	0.358				<i>EDNRA</i>	Body
cg06563300	12	100,750,811	1.06E-07	0.399	0.403	3.09E-17	0.291		<i>SLC17A8</i>	TSS200
cg10938374	6	30,712,058	0.00601	0.399	0.423				<i>IER3</i>	Body
cg06154084	10	102,792,249	2.26E-05	0.398	0.427				<i>PDZD7</i>	TSS1500
cg16570157	11	829,783	0.014512	0.398	0.427				<i>EFCAB4A</i>	Body
cg02667022	5	147,162,223	1.21E-09	0.398	0.361				<i>JAKMIP2</i>	5'UTR
cg03481274	3	25,469,708	5.27E-35	0.398	0.380				<i>RARB</i>	TSS200
cg13417862	17	855,238	1.46E-41	0.398	0.385				<i>NXN</i>	Body
cg16964025	7	157,482,215	1.71E-27	0.398	0.409				<i>PTPRN2</i>	Body
cg12098872	19	47,742,726	1.55E-08	0.398	0.370					
cg05573767	6	167,171,394	6.15E-07	0.398	0.393				<i>RPS6KA2</i>	Body
cg18296036	7	150,653,115	8.73E-24	0.398	0.378				<i>KCNH2</i>	Body
cg06747432	19	46,916,741	1.91E-05	0.398	0.477				<i>CCDC8</i>	1stExon
cg05852143	12	5,540,116	2.07E-07	0.398	0.453				<i>NTF3</i>	TSS1500
cg14907769	8	49,468,941	2.15E-19	0.398	0.391					
cg03810476	X	17,392,798	9.68E-29	0.398	0.358				<i>NHS</i>	TSS1500
cg04299389	20	25,129,296	4.1E-14	0.398	0.347				<i>LOC284798</i>	Body
cg25006194	12	94,288,553	3.65E-19	0.398	0.388					
cg03711016	16	12,997,684	2.4E-09	0.398	0.399				<i>SHISA9</i>	Body
cg05781504	5	145,713,607	1.15E-07	0.398	0.353					
cg06105694	17	36,585,340	1.9E-36	0.398	0.384					
cg19788741	5	101,632,310	3.06E-10	0.397	0.379				<i>SLCO4C1</i>	TSS200
cg21674704	8	131,455,249	4.02E-06	0.397	0.221					
cg03340119	1	246,952,508	2.01E-53	0.397	0.361				<i>LOC149134</i>	TSS1500
cg17160382	6	121,758,980	0.002313	0.397	0.444				<i>GJA1</i>	5'UTR
cg23079252	6	30,095,199	1.25E-27	0.397	0.396					
cg16079958	5	71,404,742	5.35E-10	0.397	0.336				<i>MAP1B</i>	Body
cg17568996	22	42,828,125	5.55E-27	0.397	0.357	1.16E-28	0.296		<i>NFAM1</i>	Body
cg07429623	1	205,326,201	1.14E-26	0.397	0.396				<i>KLHDC8A</i>	TSS200
cg15846886	17	79,790,116	1.24E-30	0.397	0.385				<i>FAM195B</i>	5'UTR
cg15726260	6	29,974,900	2.05E-10	0.397	0.391				<i>HLA-J</i>	Body
cg02783887	2	660,856	5.76E-20	0.397	0.390					
cg08253296	5	74,907,592	5.64E-19	0.397	0.343					
cg25272065	1	77,334,678	9.56E-09	0.397	0.341				<i>ST6GALNAC5</i>	Body

cg06244497	19	39,466,575	1.5E-08	0.397	0.432				<i>FBXO17</i>	TSS200
cg22674613	6	44,310,331	4.11E-07	0.397	0.417				<i>SPATS1</i>	TSS200
cg13114305	X	100,446,736	6.54E-10	0.397	0.401					
cg03257575	1	46,951,318	0.001676	0.397	0.344					
cg25896644	11	116,371,487	0.005215	0.397	0.375					
cg27663938	12	103,696,381	7.39E-08	0.397	0.327				<i>C12orf42</i>	Body
cg22935450	17	38,465,393	1.33E-32	0.396	0.381				<i>RARA</i>	TSS200
cg15866977	17	79,919,578	0.005869	0.396	0.420				<i>NOTUM</i>	TSS1500
cg05165378	7	99,155,739	6.98E-05	0.396	0.281				<i>ZNF655</i>	TSS1500
cg03336334	15	29,407,987	5.75E-08	0.396	0.362				<i>APBA2</i>	Body
cg23689428	2	121,223,964	1.88E-07	0.396	0.306				<i>LOC84931</i>	TSS200
cg23938220	5	112,073,538	0.001635	0.396	0.232				<i>APC</i>	TSS200
cg16909408	3	134,125,688	0.000181	0.396	0.374					
cg08818610	6	24,910,720	2.41E-07	0.396	0.439				<i>FAM65B</i>	5'UTR
cg13601435	9	120,507,431	1E-09	0.396	0.370					
cg17949969	4	8,073,790	0.003359	0.396	0.379				<i>ABLIM2</i>	Body
cg14736058	4	16,085,606	2.12E-66	0.396	0.386				<i>PROM1</i>	TSS200
cg20834178	4	6,944,071	2.87E-10	0.396	0.410				<i>TBC1D14</i>	Body
cg13319975	6	146,136,371	0.000146	0.396	0.276				<i>FBXO30</i>	TSS1500
cg26530485	1	23,496,304	3.33E-22	0.396	0.399				<i>LUZP1</i>	TSS1500
cg07182669	6	2,903,535	3.77E-18	0.396	0.352				<i>SERPINB9</i>	1stExon
cg08384314	6	30,711,680	2.18E-20	0.396	0.398				<i>IER3</i>	3'UTR
cg07067982	11	57,194,370	1.23E-09	0.396	0.392				<i>SLC43A3</i>	5'UTR
cg17696194	11	58,941,051	1.04E-25	0.396	0.384				<i>DTX4</i>	Body
cg18846883	12	3,451,308	3.34E-23	0.396	0.389					
cg26764250	8	104,090,700	3.16E-07	0.396	0.448					
cg21723903	12	3,862,575	7.52E-05	0.395	0.357				<i>EFCAB4B</i>	TSS1500
cg11452354	6	44,187,052	0.003913	0.395	0.280				<i>SLC29A1</i>	TSS200
cg06631944	7	158,365,160	6.05E-26	0.395	0.394				<i>PTPRN2</i>	Body
cg24441440	10	120,429,062	1.25E-07	0.395	0.298					
cg11712835	1	201,509,152	6.09E-11	0.395	0.334					
cg00687252	6	30,712,060	1E-05	0.395	0.397				<i>IER3</i>	Body
cg20248458	2	21,022,587	0.000356	0.395	0.321				<i>C2orf43</i>	5'UTR
cg17379325	17	7,555,411	3.49E-26	0.395	0.384				<i>ATP1B2</i>	Body

cg22831607	10	99,531,797	0.030052	0.395	0.264				<i>SFRP5</i>	TSS200
cg15553598	5	175,792,973	0.001361	0.395	0.483				<i>ARL10</i>	Body
cg09024126	4	16,085,603	2.34E-53	0.395	0.393				<i>PROM1</i>	TSS200
cg25456068	17	77,800,718	1.86E-16	0.395	0.421					
cg16703956	5	1,446,217	3.91E-24	0.395	0.379				<i>SLC6A3</i>	TSS1500
cg19167683	11	57,194,495	6.98E-05	0.395	0.356				<i>SLC43A3</i>	5'UTR
cg20115266	19	51,416,517	3.72E-14	0.395	0.403					
cg07475973	22	42,306,951	4.18E-06	0.395	0.337					
cg02970836	16	3,237,991	7.63E-05	0.395	0.411					
cg23502772	5	43,191,975	1.44E-12	0.395	0.296	7.48E-35	0.242		<i>MGC42105</i>	TSS1500
cg14281592	9	129,884,313	2.79E-29	0.395	0.385				<i>ANGPTL2</i>	5'UTR
cg01913970	1	45,308,593	0.000185	0.395	0.319				<i>PTCH2</i>	1stExon
cg16663419	8	145,033,566	1.28E-10	0.395	0.355				<i>PLEC1</i>	Body
cg23555120	12	106,533,863	2.94E-31	0.395	0.386	8.4E-31	0.276		<i>NUAK1</i>	TSS200
cg25721451	2	66,662,764	0.000402	0.395	0.440				<i>MEIS1</i>	5'UTR
cg17689799	2	27,529,540	2.4E-31	0.395	0.364				<i>TRIM54</i>	3'UTR
cg22846914	X	25,041,258	0.003521	0.395	0.365					
cg01582438	20	62,461,159	2.8E-16	0.395	0.425					
cg15232539	8	19,459,672	1.02E-06	0.395	0.290				<i>CSGALNACT1</i>	1stExon
cg13000082	2	201,450,527	0.000781	0.395	0.351				<i>AOX1</i>	TSS1500
cg05312305	7	99,156,387	0.018961	0.395	0.327				<i>ZNF655</i>	1stExon
cg03668718	17	33,701,350	8.06E-08	0.395	0.435				<i>SLFN11</i>	TSS1500
cg17052266	7	29,186,183	0.000695	0.395	0.354				<i>CPVL</i>	TSS200
cg03397307	12	3,862,423	0.016869	0.394	0.272				<i>EFCAB4B</i>	TSS200
cg12725760	1	192,873,912	7.16E-29	0.394	0.400					
cg21654383	2	85,641,076	0.002187	0.394	0.410					
cg11624479	11	9,285,586	7.15E-11	0.394	0.321				<i>DENND5A</i>	Body
cg12630147	10	70,321,574	3.76E-14	0.394	0.367				<i>TET1</i>	5'UTR
cg15338327	10	101,280,209	1.29E-14	0.394	0.406					
cg02724472	7	102,553,293	2.21E-25	0.394	0.366	9.23E-14	0.233		<i>LRRC17</i>	TSS200
cg15958289	11	126,188,994	6.08E-33	0.394	0.381				<i>DCPS</i>	Body
cg16001422	8	145,022,842	4.99E-18	0.394	0.344				<i>PLEC1</i>	Body
cg24938632	17	46,830,125	1E-123	0.394	0.385					
cg17485454	4	87,281,281	2.6E-07	0.394	0.384				<i>MAPK10</i>	5'UTR

cg20787173	6	133,562,475	1.22E-09	0.394	0.444				<i>EYA4</i>	TSS200
cg03310939	7	101,688,730	1.84E-25	0.394	0.369				<i>CUX1</i>	Body
cg14686113	4	54,965,829	2.32E-09	0.394	0.435				<i>GSX2</i>	TSS1500
cg01985390	2	27,529,981	1.13E-17	0.394	0.366				<i>TRIM54</i>	3'UTR
cg19769982	21	26,934,197	0.000571	0.394	0.327				<i>MIR155HG</i>	TSS1500
cg26730416	11	4,233,502	9.78E-08	0.394	0.406					
cg01832036	17	48,050,274	2.17E-23	0.394	0.397				<i>DLX4</i>	Body
cg24643706	6	28,603,779	0.00014	0.394	0.366					
cg10874556	X	100,446,569	1.06E-22	0.394	0.386					
cg25124406	12	89,744,662	6.39E-10	0.394	0.338				<i>DUSP6</i>	Body
cg00759699	19	12,991,918	0.00091	0.393	0.193				<i>DNASE2</i>	Body
cg08325845	6	29,974,886	1.62E-11	0.393	0.402				<i>HLA-J</i>	Body
cg09723979	11	19,736,248	1.32E-09	0.393	0.388				<i>LOC100126784</i>	TSS200
cg26701408	10	102,906,057	9.94E-14	0.393	0.418					
cg14370314	14	23,834,891	0.000295	0.393	0.390				<i>EFS</i>	TSS200
cg25707722	12	63,025,490	9.92E-09	0.393	0.310					
cg01561916	2	43,020,169	1.82E-12	0.393	0.280	5.76E-19	0.315		<i>HAAO</i>	TSS1500
cg17101165	12	115,136,226	2.5E-11	0.393	0.383					
cg07455757	16	54,968,985	0.000536	0.393	0.461					
cg01271455	7	157,362,062	1.24E-17	0.393	0.397				<i>PTPRN2</i>	Body
cg03750144	2	131,595,152	1.53E-19	0.393	0.336					
cg09629657	5	179,220,795	3.52E-26	0.393	0.395				<i>LTC4S</i>	TSS200
cg25223095	3	16,927,003	1.17E-07	0.393	0.259				<i>PLCL2</i>	Body
cg08305551	19	12,978,611	0.000381	0.393	0.374				<i>MAST1</i>	Body
cg23230584	7	95,025,740	4.35E-12	0.393	0.330				<i>PON3</i>	TSS200
cg26718878	7	96,647,882	3.7E-09	0.393	0.385					
cg03826594	12	54,812,085	8.09E-08	0.393	0.402				<i>ITGA5</i>	Body
cg04324758	19	16,436,671	7.1E-68	0.393	0.389				<i>KLF2</i>	Body
cg08857201	15	56,536,865	1.28E-07	0.393	0.255				<i>RFX7</i>	TSS1500
cg20286956	1	39,547,918	1.05E-15	0.393	0.386				<i>MACF1</i>	5'UTR
cg18882819	13	43,566,496	8.22E-05	0.393	0.374				<i>EPSTI1</i>	TSS200
cg06197769	12	12,868,983	2.4E-09	0.392	0.371				<i>CDKN1B</i>	TSS1500
cg12691004	2	88,352,949	7.61E-14	0.392	0.421				<i>KRCC1</i>	5'UTR
cg24846199	7	1,283,915	3.28E-08	0.392	0.350					

cg26348018	X	129,087,487	4.93E-12	0.392	0.380					
cg04207084	7	157,477,846	2.7E-57	0.392	0.378				<i>PTPRN2</i>	Body
cg22562494	17	41,607,896	3.53E-33	0.392	0.373				<i>ETV4</i>	Body
cg00455424	1	65,468,815	0.002732	0.392	0.252					
cg03146625	12	54,448,729	2.89E-14	0.392	0.377				<i>HOXC4</i>	Body
cg15846316	4	57,371,719	4.26E-07	0.392	0.413				<i>ARL9</i>	5'UTR
cg16600991	12	54,389,477	0.021003	0.392	0.327					
cg18161327	13	100,627,703	3.1E-06	0.392	0.426					
cg24604013	13	112,721,325	1.37E-15	0.392	0.381				<i>SOX1</i>	TSS1500
cg02058870	14	72,053,146	3.57E-16	0.392	0.382				<i>SIPA1L1</i>	5'UTR
cg27292588	1	45,285,892	5.97E-06	0.392	0.399				<i>PTCH2</i>	3'UTR
cg00840403	16	71,560,205	1.4E-11	0.392	0.386	3.12E-21	0.208		<i>CHST4</i>	1stExon
cg07657192	6	29,894,986	1.49E-05	0.392	0.351					
cg20303028	2	74,607,507	7.1E-12	0.392	0.401				<i>DCTN1</i>	TSS200
cg03930313	17	36,621,405	1.8E-16	0.392	0.395				<i>ARHGAP23</i>	Body
cg09636214	14	73,712,491	5.89E-10	0.392	0.393				<i>PAPLN</i>	Body
cg13648318	9	124,991,408	5.34E-05	0.392	0.274				<i>LHX6</i>	TSS1500
cg14672994	17	48,503,057	6.27E-34	0.392	0.368	3.99E-33	0.294		<i>ACSF2</i>	TSS1500
cg22830113	2	127,783,168	0.003385	0.392	0.260					
cg02227919	2	171,569,132	5.78E-08	0.392	0.360				<i>LOC440925</i>	Body
cg19595750	12	133,065,939	0.000896	0.392	0.325				<i>FBRSL1</i>	TSS1500
cg18959554	6	44,310,345	2.9E-15	0.392	0.409				<i>SPATS1</i>	TSS200
cg01946042	1	21,754,570	3.33E-09	0.392	0.327					
cg00557360	20	37,230,386	7.07E-45	0.392	0.396				<i>C20orf95</i>	TSS200
cg12109838	4	103,996,978	4.66E-08	0.392	0.341				<i>NHEDC2</i>	5'UTR
cg22817993	1	1,950,415	5.92E-14	0.391	0.353				<i>GABRD</i>	TSS1500
cg06560887	11	33,890,371	0.000133	0.391	0.373				<i>LMO2</i>	Body
cg00462570	9	98,784,441	1.23E-19	0.391	0.334				<i>NCRNA00092</i>	TSS1500
cg20399509	21	47,717,575	1.58E-12	0.391	0.380				<i>C21orf57</i>	3'UTR
cg24565274	11	19,736,253	3.76E-07	0.391	0.392				<i>LOC100126784</i>	TSS200
cg08663159	4	101,111,872	1.77E-07	0.391	0.370				<i>DDIT4L</i>	TSS1500
cg26210445	2	162,273,326	0.015671	0.391	0.402				<i>TBR1</i>	1stExon
cg13300480	1	64,485,696	2.38E-16	0.391	0.376				<i>ROR1</i>	Body
cg09792204	15	28,342,183	2.76E-08	0.391	0.364				<i>OCA2</i>	5'UTR



cg15788639	6	29,974,251	9.39E-08	0.391	0.386				<i>HLA-J</i>	Body
cg08481002	11	78,131,601	2.24E-10	0.391	0.383					
cg21790626	19	58,220,494	4.34E-06	0.391	0.334	2.94E-21	0.328		<i>ZNF154</i>	5'UTR
cg04153838	12	115,132,015	8.69E-09	0.391	0.415					
cg14262681	20	21,084,420	0.031861	0.391	0.499					
cg06767766	10	70,321,383	2.95E-05	0.391	0.218				<i>TET1</i>	5'UTR
cg16970232	5	112,073,433	0.001542	0.391	0.205	5.25E-10	0.259		<i>APC</i>	TSS200
cg14361409	14	104,584,098	4.35E-23	0.390	0.345					
cg03354508	6	147,769,498	4.74E-05	0.390	0.471					
cg13133835	12	125,239,803	3.5E-25	0.390	0.403					
cg19053239	2	149,645,394	3.71E-05	0.390	0.399				<i>KIF5C</i>	Body
cg04434593	11	67,139,546	3.17E-06	0.390	0.503				<i>LOC100130987</i>	Body
cg08457178	6	30,711,636	1.02E-20	0.390	0.392				<i>IER3</i>	3'UTR
cg25859972	3	64,670,515	9.44E-09	0.390	0.301				<i>ADAMTS9</i>	Body
cg23746347	22	43,058,692	1.92E-05	0.390	0.234					
cg02156380	1	180,882,591	9.16E-35	0.390	0.389				<i>KIAA1614</i>	Body
cg00099393	7	157,361,621	4.47E-29	0.390	0.378				<i>PTPRN2</i>	Body
cg22761431	17	7,609,416	1.3E-18	0.390	0.344				<i>EFNB3</i>	Body
cg02384967	5	159,738,801	6.35E-09	0.390	0.326				<i>CCNJL</i>	Body
cg00522883	11	57,194,120	1.54E-24	0.390	0.397				<i>SLC43A3</i>	5'UTR
cg15229124	3	139,258,912	7.47E-07	0.390	0.357				<i>RBP1</i>	TSS1500
cg03388786	8	56,852,253	1.93E-36	0.390	0.399				<i>LYN</i>	5'UTR
cg07745373	11	58,941,415	4.62E-22	0.389	0.376				<i>DTX4</i>	Body
cg12549300	13	113,594,776	1.09E-25	0.389	0.361					
cg05911704	X	129,304,869	3.31E-08	0.389	0.276				<i>RAB33A</i>	TSS1500
cg12763828	1	9,129,646	2.5E-25	0.389	0.354				<i>SLC2A5</i>	5'UTR
cg00347904	6	35,182,508	8.99E-08	0.389	0.375	2.82E-14	0.232		<i>SCUBE3</i>	Body
cg14192401	2	233,368,543	8.15E-25	0.389	0.346					
cg14603620	17	38,334,166	1.4E-06	0.389	0.330				<i>RAPGEFL1</i>	TSS200
cg23258881	1	150,123,037	0.006021	0.389	0.253				<i>PLEKHO1</i>	Body
cg03205103	5	38,257,541	6.02E-10	0.389	0.380				<i>EGFLAM</i>	TSS1500
cg05209518	2	227,288,518	5.14E-08	0.389	0.390					
cg18513062	17	763,049	7.22E-14	0.389	0.352				<i>NXN</i>	Body
cg09789590	19	46,800,479	2.11E-11	0.389	0.385				<i>HIF3A</i>	Body

cg06039161	11	70,672,835	1.42E-28	0.389	0.363				<i>SHANK2</i>	Body
cg02709432	8	120,651,236	4.96E-08	0.389	0.442				<i>ENPP2</i>	TSS200
cg24098326	10	123,923,050	7.13E-28	0.389	0.380				<i>TACC2</i>	Body
cg04510153	1	162,660,951	5.51E-29	0.389	0.372				<i>DDR2</i>	5'UTR
cg24035164	10	93,646,991	1.08E-07	0.389	0.344					
cg04452959	8	120,651,190	1.48E-05	0.389	0.396				<i>ENPP2</i>	TSS200
cg04804877	12	3,862,225	0.03327	0.389	0.266				<i>EFCAB4B</i>	1stExon
cg12435415	3	186,490,344	5.98E-06	0.389	0.420					
cg08378442	2	220,117,704	4.03E-10	0.389	0.393				<i>TUBA4B</i>	TSS1500
cg10648670	2	25,439,375	0.005199	0.389	0.299					
cg18674980	8	86,350,581	1.08E-09	0.389	0.363	5.39E-20	0.214		<i>CA3</i>	TSS1500
cg10365984	6	91,004,430	1.25E-06	0.389	0.332				<i>BACH2</i>	5'UTR
cg12737160	X	107,681,482	4.58E-05	0.389	0.365				<i>COL4A6</i>	1stExon
cg12232308	6	30,711,580	6.18E-36	0.389	0.385				<i>IER3</i>	3'UTR
cg01499815	6	29,895,074	4.5E-10	0.389	0.371					
cg21951457	10	123,923,450	4.5E-32	0.389	0.378				<i>TACC2</i>	Body
cg09109520	16	57,673,258	4.91E-25	0.389	0.367				<i>GPR56</i>	5'UTR
cg23660154	1	110,626,540	5.25E-05	0.389	0.366					
cg03367519	5	58,334,910	2.4E-20	0.389	0.388				<i>PDE4D</i>	Body
cg17648080	17	2,141,841	8.67E-11	0.389	0.386				<i>SMG6</i>	Body
cg27651229	4	780,336	3.39E-31	0.389	0.377				<i>CPLX1</i>	Body
cg07417745	2	228,582,488	2.69E-06	0.389	0.263				<i>SLC19A3</i>	5'UTR
cg14258341	1	46,914,023	3.54E-12	0.389	0.370					
cg06444282	1	20,669,975	0.000164	0.389	0.355				<i>VWA5B1</i>	Body
cg21918559	X	36,976,052	1.04E-12	0.389	0.320					
cg02486904	1	47,999,051	9.23E-26	0.388	0.364					
cg24886257	19	52,452,447	0.002939	0.388	0.397					
cg18607529	7	50,343,869	6.46E-08	0.388	0.378				<i>IKZF1</i>	TSS1500
cg22659676	5	139,525,919	1.91E-40	0.388	0.377					
cg02029926	4	74,734,874	7.23E-05	0.388	0.291	5.95E-31	0.263		<i>CXCL1</i>	TSS1500
cg00552704	6	32,121,420	4.92E-13	0.388	0.372				<i>PPT2</i>	TSS1500
cg23026024	6	29,974,512	7.94E-12	0.388	0.396				<i>HLA-J</i>	Body
cg27260772	6	50,791,202	0.000593	0.388	0.459				<i>TFAP2B</i>	Body
cg16127594	1	95,393,115	0.006654	0.388	0.171				<i>CNN3</i>	TSS1500

cg14207654	1	43,533,913	0.013287	0.388	0.169						
cg08879470	11	76,859,056	0.000604	0.388	0.340			Yes	<i>MYO7A</i>	Body	
cg04175027	2	123,418,722	3.06E-28	0.388	0.386						
cg13434638	15	68,723,690	6.67E-07	0.388	0.378				<i>ITGA11</i>	Body	
cg00113096	2	134,119,805	4.71E-15	0.388	0.347				<i>NCKAP5</i>	Body	
cg22623223	7	157,484,045	8.65E-05	0.388	0.354				<i>PTPRN2</i>	Body	
cg06970510	12	52,401,448	5.54E-10	0.388	0.383				<i>GRASP</i>	Body	
cg07220448	7	16,505,592	8.26E-12	0.388	0.366				<i>SOSTDC1</i>	TSS200	
cg15310857	3	64,253,534	5.07E-17	0.388	0.384						
cg13117164	4	54,960,232	5.53E-19	0.388	0.384						
cg19583819	5	139,283,051	3.73E-20	0.388	0.373				<i>NRG2</i>	Body	
cg13539545	14	60,973,823	4.89E-05	0.388	0.326						
cg14382750	9	100,264,941	8.17E-11	0.388	0.345				<i>TMOD1</i>	5'UTR	
cg23363832	3	139,258,939	1.64E-07	0.388	0.371				<i>RBP1</i>	TSS1500	
cg25713185	2	228,582,486	3.21E-05	0.388	0.258	4.79E-32	0.264		<i>SLC19A3</i>	5'UTR	
cg09025324	6	116,691,685	7.17E-08	0.388	0.293	2.77E-23	0.239		<i>DSE</i>	TSS1500	
cg14337655	19	2,282,207	0.002368	0.388	0.322				<i>C19orf35</i>	TSS200	
cg13421439	18	21,199,515	3.49E-05	0.388	0.386				<i>ANKRD29</i>	Body	
cg15923947	1	2,461,929	2.6E-124	0.388	0.375				<i>HES5</i>	TSS1500	
cg14029629	X	49,023,064	8.61E-10	0.388	0.332				<i>MAGIX</i>	3'UTR	
cg21306329	17	73,083,876	0.00343	0.387	0.199				<i>SLC16A5</i>	TSS200	
cg10320061	X	153,094,967	2.97E-10	0.387	0.347				<i>PDZD4</i>	Body	
cg22324567	8	25,899,434	5.01E-16	0.387	0.370				<i>EBF2</i>	Body	
cg24666993	6	29,974,991	1.16E-10	0.387	0.379				<i>HLA-J</i>	Body	
cg06480736	5	101,632,321	1.27E-07	0.387	0.382				<i>SLCO4C1</i>	TSS200	
cg06861841	11	62,212,114	1.06E-12	0.387	0.372				<i>AHNAK</i>	Body	
cg04098270	15	72,489,686	1.45E-19	0.387	0.318				<i>GRAMD2</i>	Body	
cg23808946	2	45,169,548	8.13E-07	0.387	0.316				<i>SIX3</i>	1stExon	
cg23782734	10	3,109,041	2.29E-11	0.387	0.397				<i>PFKP</i>	TSS1500	
cg20442697	7	102,553,432	1.38E-31	0.387	0.356	1.84E-23	0.275	Yes	<i>LRRC17</i>	5'UTR	
cg15677957	18	47,088,780	3.11E-08	0.387	0.368				<i>LIPG</i>	Body	
cg17403609	5	180,075,862	1.36E-20	0.387	0.387				<i>FLT4</i>	Body	
cg12084388	3	42,056,663	3.13E-24	0.387	0.332						
cg04579966	13	24,846,221	0.026037	0.387	0.099				<i>SPATA13</i>	Body	

cg00368636	7	64,734,674	3.06E-09	0.387	0.441					
cg21747330	X	122,319,602	3.54E-26	0.387	0.384				<i>GRIA3</i>	Body
cg13011388	14	23,834,909	1.45E-10	0.387	0.370				<i>EFS</i>	TSS200
cg26747885	17	76,355,701	1.02E-05	0.387	0.365				<i>SOCS3</i>	5'UTR
cg14202850	17	43,974,869	7E-22	0.387	0.360				<i>MAPT</i>	5'UTR
cg19010054	19	51,416,010	1.17E-18	0.387	0.378					
cg13853894	10	34,393,934	1.05E-15	0.387	0.342					
cg10397527	6	32,977,217	4.26E-06	0.386	0.385				<i>HLA-DOA</i>	Body
cg12749863	21	26,934,576	0.004289	0.386	0.339				<i>MIR155HG</i>	Body
cg07207490	11	118,492,463	1.91E-19	0.386	0.383				<i>PHLDB1</i>	Body
cg02564134	3	125,899,754	4.33E-06	0.386	0.338				<i>ALDH1L1</i>	TSS1500
cg14485185	11	118,051,260	8.7E-22	0.386	0.379					
cg17205324	14	23,835,595	1.22E-23	0.386	0.382				<i>EFS</i>	TSS1500
cg15244049	6	10,883,376	3.64E-10	0.386	0.416				<i>GCM2</i>	TSS1500
cg24158259	11	58,984,544	3.16E-05	0.386	0.341			Yes		
cg22700691	10	21,814,388	0.038524	0.386	0.326				<i>C10orf140</i>	5'UTR
cg14329059	11	58,940,964	1.94E-32	0.386	0.391				<i>DTX4</i>	Body
cg19214916	X	73,642,734	2.31E-29	0.386	0.357				<i>SLC16A2</i>	Body
cg14654886	4	5,710,319	0.001653	0.386	0.338				<i>EVC2</i>	5'UTR
cg02822259	17	61,615,504	1.8E-29	0.386	0.345				<i>KCNH6</i>	Body
cg15129506	2	27,958,712	7.54E-17	0.386	0.301					
cg11873482	7	97,361,244	2.83E-05	0.386	0.354				<i>TAC1</i>	TSS200
cg24512400	19	51,522,561	0.000433	0.386	0.376	6.43E-28	0.283		<i>KLK10</i>	5'UTR
cg18009321	20	25,129,457	1.4E-08	0.386	0.370				<i>LOC284798</i>	TSS1500
cg24680586	10	105,036,727	0.000547	0.386	0.379				<i>INA</i>	TSS200
cg07161429	12	105,114,162	8.45E-06	0.386	0.332				<i>CHST11</i>	Body
cg10558887	13	36,919,409	0.016614	0.386	0.470				<i>SPG20</i>	5'UTR
cg27219841	16	3,079,423	2.83E-22	0.386	0.392				<i>CCDC64B</i>	Body
cg08542865	6	2,842,248	1.41E-06	0.386	0.367				<i>SERPINB1</i>	TSS200
cg12506775	10	5,734,571	4.21E-09	0.386	0.346				<i>C10orf18</i>	5'UTR
cg14568259	9	127,421,654	0.002754	0.386	0.209				<i>NR6A1</i>	Body
cg19807257	1	46,951,354	0.001974	0.386	0.345					
cg03296797	16	84,870,066	2.17E-29	0.386	0.384				<i>CRISPLD2</i>	5'UTR
cg25799986	20	44,098,281	5E-08	0.386	0.284	1.04E-27	0.224		<i>WFDC2</i>	TSS200

cg06088745	16	54,317,413	0.000941	0.386	0.400				<i>IRX3</i>	3'UTR
cg02201914	4	85,299,913	1.82E-12	0.386	0.381					
cg06150195	16	11,275,874	1.47E-09	0.385	0.415				<i>CLEC16A</i>	3'UTR
cg12433395	12	106,533,667	1.37E-13	0.385	0.336				<i>NUAK1</i>	5'UTR
cg19403029	8	10,587,055	2.6E-15	0.385	0.359				<i>SOX7</i>	Body
cg17020562	18	59,560,495	7.56E-14	0.385	0.327				<i>RNF152</i>	TSS200
cg14315558	21	26,934,682	0.007972	0.385	0.357				<i>MIR155HG</i>	Body
cg19670286	5	137,610,127	0.000382	0.385	0.359				<i>GFRA3</i>	1stExon
cg18009325	X	47,441,605	0.000779	0.385	0.390				<i>SYN1</i>	Body
cg22035501	5	112,073,398	0.015669	0.385	0.200				<i>APC</i>	TSS200
cg02886589	2	39,892,450	0.000703	0.385	0.410				<i>TMEM178</i>	TSS1500
cg10614809	7	51,539,190	9.12E-31	0.385	0.379					
cg16859884	19	5,829,172	1.79E-07	0.385	0.261					
cg21116447	6	31,831,803	1.58E-10	0.385	0.367				<i>NEU1</i>	TSS1500
cg09866102	16	31,214,134	0.029351	0.385	0.181				<i>PYCARD</i>	5'UTR
cg23618344	12	54,423,428	2.02E-09	0.385	0.356				<i>HOXC4</i>	5'UTR
cg01163842	14	95,235,125	0.000492	0.385	0.428				<i>GSC</i>	Body
cg13455410	9	79,631,906	1.69E-05	0.385	0.357					
cg14781281	6	29,974,868	4.82E-10	0.385	0.393				<i>HLA-J</i>	Body
cg11670211	11	89,224,288	5.19E-11	0.385	0.443	2.27E-15	0.186		<i>NOX4</i>	5'UTR
cg16561266	17	62,777,777	9.32E-05	0.385	0.296				<i>LOC146880</i>	Body
cg16517523	19	42,927,074	7.26E-22	0.385	0.367				<i>LIPE</i>	Body
cg09425247	10	52,178,225	0.000332	0.385	0.415				<i>SGMS1</i>	5'UTR
cg14175690	1	119,527,638	2.55E-09	0.384	0.328				<i>TBX15</i>	5'UTR
cg12763824	X	153,094,947	6.27E-07	0.384	0.315				<i>PDZD4</i>	Body
cg14616251	1	24,648,696	1.42E-05	0.384	0.419				<i>GRHL3</i>	TSS1500
cg08772752	3	48,632,672	0.000318	0.384	0.414				<i>COL7A1</i>	TSS200
cg09500443	5	180,018,465	1.3E-52	0.384	0.385				<i>SCGB3A1</i>	5'UTR
cg00842351	9	71,789,653	4.19E-11	0.384	0.360	1.79E-10	0.219		<i>TJP2</i>	Body
cg05743713	11	66,885,240	4.6E-07	0.384	0.399				<i>KDM2A</i>	TSS1500
cg15998779	3	159,756,690	9.2E-15	0.384	0.399					
cg26233374	5	43,603,643	0.000181	0.384	0.245				<i>NNT</i>	5'UTR
cg25459558	6	33,161,290	0.00032	0.384	0.341				<i>COL11A2</i>	TSS1500
cg16337138	X	36,976,075	1.91E-08	0.384	0.391					

cg22058855	6	27,064,968	0.001928	0.384	0.332					
cg16807089	7	143,582,499	6.87E-14	0.384	0.407				<i>FAM115A</i>	5'UTR
cg06060135	5	3,596,704	0.00023	0.384	0.431				<i>IRX1</i>	Body
cg24428325	6	44,529,081	8.12E-07	0.384	0.323					
cg15574705	1	58,715,744	0.000143	0.384	0.389			Yes	<i>DAB1</i>	5'UTR
cg14470792	4	183,168,158	0.002761	0.384	0.235					
cg04542030	2	74,375,469	7.65E-21	0.384	0.316				<i>BOLA3</i>	TSS1500
cg10446179	6	121,758,653	2.31E-05	0.384	0.433				<i>GJA1</i>	5'UTR
cg22340072	8	61,822,740	1.66E-05	0.384	0.384					
cg09806262	10	45,914,949	1.01E-06	0.384	0.377				<i>ALOX5</i>	Body
cg20216854	X	19,817,872	2.51E-05	0.384	0.386				<i>SH3KBP1</i>	Body
cg13273396	12	81,471,867	5.74E-07	0.383	0.343				<i>ACSS3</i>	1stExon
cg26987597	6	1,391,207	0.001902	0.383	0.366				<i>FOXF2</i>	1stExon
cg04281464	14	70,014,873	0.000595	0.383	0.344					
cg27395066	17	43,221,220	8.23E-23	0.383	0.364				<i>ACBD4</i>	3'UTR
cg00329697	1	45,286,062	1.08E-13	0.383	0.410				<i>PTCH2</i>	3'UTR
cg01235820	20	642,782	4.05E-05	0.383	0.335				<i>SCRT2</i>	3'UTR
cg07478468	1	85,464,000	3.87E-11	0.383	0.375				<i>MCOLN2</i>	TSS1500
cg18552861	2	20,865,845	0.000178	0.383	0.360				<i>GDF7</i>	TSS1500
cg12594800	X	129,243,426	5.01E-11	0.383	0.362				<i>ELF4</i>	5'UTR
cg17121747	4	683,060	2.37E-22	0.383	0.381				<i>MFSD7</i>	TSS200
cg04784699	1	119,870,478	3.05E-26	0.383	0.352					
cg04407470	6	108,489,977	4.35E-06	0.383	0.376				<i>NR2E1</i>	Body
cg12689285	20	42,875,765	1.21E-19	0.383	0.304				<i>GDAP1L1</i>	TSS200
cg20988073	3	125,900,093	1.8E-15	0.383	0.337				<i>ALDH1L1</i>	TSS1500
cg11989330	1	65,468,827	0.00026	0.383	0.255					
cg18085998	1	33,938,224	0.018041	0.383	0.363				<i>ZSCAN20</i>	TSS200
cg13212283	12	57,632,120	6.26E-33	0.383	0.353				<i>NDUFA4L2</i>	5'UTR
cg23138678	14	75,894,283	0.037915	0.383	0.178				<i>JDP2</i>	TSS1500
cg26067203	1	1,935,289	0.000344	0.383	0.421				<i>KIAA1751</i>	TSS200
cg03356734	20	37,230,413	1.69E-47	0.383	0.374				<i>C20orf95</i>	TSS200
cg20311501	5	112,073,502	0.000326	0.383	0.206	3.48E-10	0.184		<i>APC</i>	TSS200
cg13379827	1	65,468,782	0.002489	0.383	0.244					
cg12506930	19	58,220,718	3.16E-09	0.383	0.330				<i>ZNF154</i>	TSS200

cg11849086	17	62,776,530	0.00052	0.382	0.301				<i>LOC146880</i>	Body
cg16898833	6	26,189,333	0.002172	0.382	0.373				<i>HIST1H4D</i>	TSS200
cg24578679	15	74,658,573	1.33E-05	0.382	0.359				<i>CYP11A1</i>	Body
cg16361890	5	179,220,545	1.31E-22	0.382	0.356	2.97E-30	0.210		<i>LTC4S</i>	TSS1500
cg19696083	12	54,438,419	5.32E-11	0.382	0.301				<i>HOXC4</i>	5'UTR
cg06186698	3	138,666,118	0.00526	0.382	0.280				<i>C3orf72</i>	5'UTR
cg22984571	3	186,490,656	1.31E-07	0.382	0.377					
cg23305408	1	32,169,701	2.69E-11	0.382	0.342				<i>COL16A1</i>	1stExon
cg21159128	1	54,693,933	2.06E-55	0.382	0.383				<i>SSBP3</i>	Body
cg01799653	5	10,563,501	6.72E-31	0.382	0.351				<i>ANKRD33B</i>	TSS1500
cg23041295	5	15,502,456	2.18E-17	0.382	0.384				<i>FBXL7</i>	Body
cg12138678	13	43,566,618	5.98E-06	0.382	0.372				<i>EPSTI1</i>	TSS1500
cg00218447	12	54,428,171	3.84E-07	0.382	0.335				<i>HOXC4</i>	5'UTR
cg17649385	8	91,997,985	1.01E-07	0.382	0.348					
cg15654259	1	116,371,187	2.33E-05	0.382	0.351					
cg00932276	X	13,587,976	1.72E-05	0.382	0.408	7.85E-24	0.304		<i>EGFL6</i>	5'UTR
cg03683587	X	50,557,066	0.031434	0.382	0.408				<i>SHROOM4</i>	TSS200
cg12092201	2	43,451,775	3.46E-06	0.382	0.357				<i>ZFP36L2</i>	Body
cg06085985	11	830,527	8.17E-09	0.382	0.404				<i>EFCAB4A</i>	Body
cg26348514	20	44,098,358	3.78E-06	0.382	0.251				<i>WFDC2</i>	TSS200
cg04849842	8	140,714,610	4.91E-08	0.382	0.396				<i>KCNK9</i>	Body
cg14110111	9	4,297,626	9.14E-05	0.381	0.273				<i>GLIS3</i>	5'UTR
cg11906781	2	28,183,394	1.6E-29	0.381	0.372				<i>BRE</i>	Body
cg27014380	3	133,393,454	0.000003	0.381	0.401					
cg27434509	4	5,710,337	0.000182	0.381	0.312				<i>EVC2</i>	5'UTR
cg23738624	7	142,553,157	0.007915	0.381	0.322				<i>EPHB6</i>	5'UTR
cg16510657	X	100,333,950	6.65E-06	0.381	0.345	3.01E-15	0.228		<i>TMEM35</i>	1stExon
cg05933736	13	109,248,331	4.16E-06	0.381	0.282				<i>MYO16</i>	TSS200
cg25764899	1	47,697,948	1.18E-06	0.381	0.387					
cg14597214	8	38,585,937	1.1E-18	0.381	0.382				<i>TACC1</i>	1stExon
cg25810484	12	54,089,486	2.5E-06	0.381	0.357					
cg10062049	7	116,140,267	1.28E-09	0.381	0.339				<i>CAV2</i>	Body
cg23941434	5	147,162,161	7.29E-05	0.381	0.331				<i>JAKMIP2</i>	5'UTR
cg08844698	16	85,185,607	1.2E-28	0.381	0.345					

cg08193579	3	169,529,701	6.8E-05	0.381	0.233				<i>LRR34</i>	Body
cg05736236	2	222,435,214	2.24E-16	0.381	0.329				<i>EPHA4</i>	Body
cg06909469	2	96,990,800	4.83E-20	0.381	0.374				<i>ITPRIPL1</i>	TSS1500
cg27282900	6	30,095,258	3.98E-14	0.381	0.397					
cg17419626	12	53,268,268	1.46E-09	0.381	0.300					
cg00466108	1	65,731,689	0.000286	0.381	0.304				<i>DNAJC6</i>	Body
cg27432826	1	110,672,769	4.93E-17	0.381	0.364					
cg10219157	4	2,395,549	6.09E-07	0.381	0.253				<i>ZFYVE28</i>	Body
cg22444124	1	226,867,960	7.18E-06	0.381	0.400				<i>ITPKB</i>	Body
cg07489502	5	140,811,642	0.000115	0.381	0.351				<i>PCDHGA4</i>	Body
cg11940285	3	129,693,385	1.63E-11	0.381	0.381				<i>TRH</i>	5'UTR
cg23132268	5	147,162,169	6.01E-06	0.380	0.325				<i>JAKMIP2</i>	5'UTR
cg05326023	6	30,418,908	2.09E-09	0.380	0.380					
cg26573704	5	33,892,223	0.000243	0.380	0.345				<i>ADAMTS12</i>	TSS200
cg15777964	21	44,847,606	0.002623	0.380	0.320				<i>SIK1</i>	TSS1500
cg14777768	3	170,746,265	6.2E-11	0.380	0.335				<i>SLC2A2</i>	TSS1500
cg15835232	17	53,343,075	3.17E-10	0.380	0.369				<i>HLF</i>	Body
cg16277214	3	32,434,339	1.38E-06	0.380	0.309				<i>CMTM7</i>	Body
cg11335133	1	90,309,559	2.99E-05	0.380	0.297				<i>LRR8D</i>	5'UTR
cg14826711	1	169,396,909	4.27E-16	0.380	0.353				<i>C1orf114</i>	TSS1500
cg09333221	7	30,804,200	3.31E-25	0.380	0.388					
cg27015057	5	141,703,946	0.001899	0.380	0.390				<i>SPRY4</i>	5'UTR
cg00778995	2	105,470,558	0.000904	0.380	0.354				<i>POU3F3</i>	TSS1500
cg25524962	13	20,735,819	1.66E-06	0.380	0.376				<i>GJA3</i>	TSS1500
cg00338801	1	70,035,208	9.86E-05	0.380	0.401					
cg04394267	3	55,523,950	0.018576	0.380	0.208					
cg15444597	10	103,881,107	2.12E-28	0.380	0.386				<i>LDB1</i>	TSS1500
cg03698393	15	89,438,795	1.15E-10	0.380	0.329	8.87E-26	0.204		<i>HAPLN3</i>	TSS200
cg19005168	13	27,092,836	1.07E-23	0.380	0.369					
cg00142266	15	77,789,307	0.003211	0.380	0.349					
cg18156204	17	71,948,613	9.51E-12	0.380	0.351					
cg02124446	16	85,783,537	7.22E-20	0.380	0.332				<i>C16orf74</i>	5'UTR
cg15523958	2	43,864,929	1.63E-08	0.380	0.304				<i>PLEKHH2</i>	5'UTR
cg07557560	5	134,914,642	3.35E-18	0.380	0.322				<i>CXCL14</i>	5'UTR



cg17407511	X	38,080,364	1.41E-09	0.380	0.336				SRPX	TSS200
cg02288341	5	137,610,226	0.002799	0.380	0.303				GFRA3	1stExon
cg13933043	7	130,696,871	9.72E-14	0.380	0.421				FLJ43663	Body
cg24543696	11	12,031,046	0.000112	0.380	0.300				DKK3	TSS1500
cg04026379	X	47,483,043	0.026266	0.380	0.107					
cg03220455	17	74,582,984	1.84E-19	0.380	0.344				ST6GALNAC2	TSS1500
cg08985979	4	183,062,576	1.26E-12	0.380	0.302				MGC45800	Body
cg17810176	19	36,035,831	0.002219	0.380	0.171				GAPDHS	Body
cg09548780	2	218,770,270	3.06E-27	0.379	0.382				TNS1	5'UTR
cg15949044	5	140,864,549	4.85E-08	0.379	0.381				PCDHGA4	Body
cg24034005	14	97,059,192	1.26E-06	0.379	0.367					
cg09089242	11	33,892,236	8.88E-19	0.379	0.330				LMO2	TSS1500
cg01379240	3	138,666,144	0.004433	0.379	0.299				C3orf72	5'UTR
cg18673954	10	105,036,611	2.88E-05	0.379	0.433				INA	TSS1500
cg27506442	13	30,948,716	3.94E-16	0.379	0.372				LOC100188949	TSS1500
cg22796507	1	47,882,739	2.48E-06	0.379	0.361				FOXE3	1stExon
cg19585556	7	18,535,332	1.05E-05	0.379	0.354				HDAC9	TSS1500
cg11720950	6	32,223,114	4.36E-12	0.379	0.382					
cg14574728	9	110,187,656	1.43E-10	0.379	0.367					
cg08772003	10	104,629,869	1.02E-14	0.379	0.297				AS3MT	Body
cg00685014	11	62,212,195	3.55E-14	0.379	0.386				AHNAK	Body
cg07330114	3	11,624,023	3.71E-07	0.379	0.317				VGLL4	Body
cg20300175	17	27,918,316	2.4E-55	0.379	0.374					
cg08195538	X	67,914,130	0.000529	0.379	0.359				STARD8	5'UTR
cg07114310	7	51,538,921	1.27E-11	0.379	0.332					
cg15410675	4	154,144,800	2E-05	0.379	0.421				TRIM2	Body
cg23605961	7	751,331	6.8E-25	0.379	0.390				PRKAR1B	5'UTR
cg12002882	20	62,461,365	4.1E-21	0.379	0.343					
cg20895877	14	94,254,586	2.1E-09	0.379	0.275	9.07E-21	0.285		PRIMA1	5'UTR
cg11183365	6	27,064,769	4.62E-06	0.379	0.322					
cg23912429	10	17,270,431	2.27E-08	0.379	0.438				VIM	5'UTR
cg19943330	14	24,505,554	1.58E-40	0.379	0.375				DHRS4L1	TSS200
cg21990316	6	29,894,836	4.94E-11	0.379	0.349				HCG4P6	TSS1500
cg26567423	12	54,500,619	1.63E-06	0.379	0.418				FLJ12825	Body

cg05998089	6	29,975,141	3.94E-14	0.379	0.367				<i>HLA-J</i>	Body
cg22081371	1	177,827,903	0.000937	0.379	0.241					
cg05952494	12	4,378,316	6.88E-06	0.379	0.372					
cg23072161	1	16,489,115	4.87E-09	0.379	0.318					
cg06530563	12	115,132,889	9.19E-10	0.379	0.395					
cg12178980	10	11,206,870	3.43E-06	0.379	0.210				<i>CUGBP2</i>	TSS200
cg07627119	15	89,906,172	0.000306	0.378	0.363					
cg24167314	12	103,311,500	0.000713	0.378	0.195				<i>PAH</i>	TSS200
cg10257049	5	154,230,308	3.79E-29	0.378	0.368	7.06E-26	0.241		<i>C5orf4</i>	TSS200
cg16674860	10	100,206,094	5.45E-05	0.378	0.319				<i>HPS1</i>	5'UTR
cg01779765	14	62,583,795	0.001714	0.378	0.393				<i>FLJ43390</i>	TSS1500
cg18401367	5	176,107,201	0.00141	0.378	0.427					
cg11010528	6	29,894,813	5.41E-11	0.378	0.368				<i>HCG4P6</i>	TSS1500
cg01959730	1	119,548,825	1.3E-05	0.378	0.380					
cg10588135	17	59,329,903	2.75E-21	0.378	0.365				<i>BCAS3</i>	Body
cg05835105	4	111,543,401	0.000303	0.378	0.433				<i>PITX2</i>	Body
cg24435571	10	104,436,140	1.1E-20	0.378	0.358				<i>ARL3</i>	3'UTR
cg11482719	4	57,372,411	1.06E-12	0.378	0.351				<i>ARL9</i>	5'UTR
cg08107689	15	29,033,901	2.63E-07	0.378	0.377					
cg09236284	7	97,361,114	1.92E-05	0.378	0.327				<i>TAC1</i>	TSS200
cg11640756	6	143,247,810	0.000526	0.378	0.226				<i>HIVEP2</i>	5'UTR
cg07104209	7	27,281,872	1.32E-09	0.378	0.308				<i>EVX1</i>	TSS1500
cg18031596	8	108,510,292	1.76E-13	0.378	0.390				<i>ANGPT1</i>	TSS200
cg17080163	2	123,418,757	1.27E-27	0.378	0.379					
cg23483840	6	29,974,844	1.66E-14	0.378	0.389				<i>HLA-J</i>	Body
cg11380530	12	54,389,179	0.006401	0.378	0.363					
cg21251385	20	52,277,050	4.77E-09	0.378	0.388					
cg02900356	16	31,214,494	4.65E-24	0.378	0.315				<i>PYCARD</i>	TSS1500
cg24864241	1	204,329,158	1.58E-33	0.378	0.371				<i>PLEKHA6</i>	TSS200
cg14301024	2	114,048,932	3.27E-09	0.378	0.356				<i>LOC440839</i>	Body
cg11809014	17	39,067,081	2.04E-16	0.378	0.383					
cg21448423	1	55,013,956	1.83E-19	0.377	0.364	6.01E-14	0.169		<i>ACOT11</i>	1stExon
cg12615766	8	59,058,273	1.41E-37	0.377	0.370				<i>FAM110B</i>	5'UTR
cg21737039	4	8,271,391	8.22E-09	0.377	0.336				<i>HTRA3</i>	TSS200

cg26268701	6	29,894,737	0.012228	0.377	0.494					<i>HCG4P6</i>	TSS1500
cg02535674	20	52,226,352	0.00778	0.377	0.291						
cg14115936	7	73,002,496	1.52E-09	0.377	0.347						
cg08450752	15	73,611,451	3.97E-08	0.377	0.363						
cg24161793	2	96,990,762	1.93E-21	0.377	0.355					<i>ITPRIPL1</i>	TSS1500
cg10765212	2	190,044,638	1.78E-18	0.377	0.353					<i>COL5A2</i>	TSS200
cg21215929	5	14,873,039	3.68E-06	0.377	0.263					<i>ANKH</i>	TSS1500
cg23685759	10	98,945,131	2.05E-13	0.377	0.300					<i>SLIT1</i>	Body
cg16217794	12	100,579,233	5.33E-23	0.377	0.370						
cg17032602	2	129,076,392	5.31E-18	0.377	0.326					<i>HS6ST1</i>	TSS1500
cg04781339	21	44,781,686	2.32E-07	0.377	0.341						
cg26786795	14	20,344,394	5.27E-35	0.377	0.350				Yes	<i>OR4K2</i>	TSS200
cg09495977	4	8,271,507	2.54E-06	0.377	0.259	1.18E-21	0.216			<i>HTRA3</i>	5'UTR
cg12211867	1	108,023,441	7.12E-13	0.377	0.332					<i>NTNG1</i>	Body
cg05152874	X	50,557,122	0.02514	0.377	0.460					<i>SHROOM4</i>	TSS200
cg14020762	7	100,465,657	5.87E-24	0.377	0.382					<i>TRIP6</i>	Body
cg19667811	10	30,405,328	1.03E-17	0.377	0.361						
cg02852959	12	2,944,436	1.29E-07	0.377	0.258					<i>NRIP2</i>	TSS1500
cg17410236	14	85,996,495	1.93E-05	0.377	0.331	8.64E-19	0.253			<i>FLRT2</i>	1stExon
cg06148118	11	33,892,246	1.13E-08	0.377	0.303					<i>LMO2</i>	TSS1500
cg03143849	11	2,904,951	5.53E-42	0.377	0.346	1.51E-15	0.259			<i>CDKN1C</i>	3'UTR
cg17777432	5	172,068,999	4.25E-12	0.377	0.319					<i>NEURL1B</i>	Body
cg09115984	16	31,214,426	9.82E-18	0.377	0.297					<i>PYCARD</i>	TSS200
cg26115228	2	85,116,113	1.67E-23	0.377	0.385						
cg01720033	17	62,777,744	6.64E-07	0.377	0.310					<i>LOC146880</i>	Body
cg21225170	5	137,610,391	0.003	0.377	0.296					<i>GFRA3</i>	TSS200
cg13634736	11	3,181,575	7.21E-21	0.376	0.332					<i>OSBPL5</i>	5'UTR
cg21304453	20	3,218,794	7.95E-37	0.376	0.358					<i>SLC4A11</i>	TSS1500
cg19729649	17	79,919,727	5.5E-15	0.376	0.368					<i>NOTUM</i>	TSS1500
cg22549041	15	75,019,251	2.84E-19	0.376	0.371					<i>CYP1A1</i>	TSS1500
cg13331354	19	18,539,841	6.99E-06	0.376	0.260					<i>SSBP4</i>	Body
cg08332908	17	38,465,326	3.39E-31	0.376	0.370					<i>RARA</i>	TSS200
cg00506168	21	45,148,460	0.004016	0.376	0.254					<i>PDXK</i>	Body
cg26416887	12	111,618,925	2.23E-10	0.376	0.307					<i>CUX2</i>	Body

cg18547371	19	18,539,843	7.19E-06	0.376	0.275				<i>SSBP4</i>	Body
cg10373003	17	18,057,079	0.000576	0.376	0.277				<i>MYO15A</i>	Body
cg19414598	22	38,965,745	2.81E-09	0.376	0.375				<i>DMC1</i>	5'UTR
cg22007861	19	2,282,439	2.71E-20	0.376	0.374				<i>C19orf35</i>	TSS1500
cg01268824	19	58,220,818	5.82E-07	0.376	0.353				<i>ZNF154</i>	TSS1500
cg06908244	14	100,126,358	5.66E-05	0.376	0.379				<i>HHIPL1</i>	Body
cg26469991	X	51,139,481	2.54E-06	0.376	0.353					
cg15423357	2	25,149,977	6.26E-08	0.376	0.423					
cg26315984	1	173,176,501	4.07E-14	0.376	0.374				<i>TNFSF4</i>	TSS200
cg03420881	2	130,763,516	2.39E-12	0.376	0.405					
cg12368612	12	115,135,999	4.72E-19	0.376	0.361					
cg25908973	15	45,670,865	3.59E-06	0.376	0.388				<i>LOC145663</i>	TSS200
cg14903097	2	21,023,042	0.001081	0.376	0.344				<i>C2orf43</i>	TSS1500
cg02320862	17	75,370,284	3.22E-17	0.376	0.307				<i>SEPT9</i>	5'UTR
cg09668344	11	77,122,506	8.45E-24	0.376	0.364				<i>PAK1</i>	5'UTR
cg03476673	16	84,870,203	4.01E-27	0.376	0.361				<i>CRISPLD2</i>	5'UTR
cg26777760	X	132,092,564	0.033648	0.376	0.236				<i>HS6ST2</i>	Body
cg20902783	14	21,494,071	4.08E-20	0.376	0.355				<i>NDRG2</i>	TSS1500
cg21890726	15	68,260,574	0.023121	0.376	0.052					
cg18005828	10	120,031,911	1.33E-09	0.376	0.318					
cg16288089	7	97,361,408	9.07E-05	0.376	0.366				<i>TAC1</i>	5'UTR
cg00744866	3	33,701,209	1.68E-06	0.376	0.269				<i>CLASP2</i>	Body
cg18435532	19	36,024,802	6.47E-07	0.376	0.336				<i>GAPDHS</i>	Body
cg21773872	7	30,722,320	0.002715	0.376	0.523				<i>CRHR2</i>	TSS200
cg18914211	6	29,795,815	4.25E-06	0.375	0.392				<i>HLA-G</i>	Body
cg23497020	12	50,616,562	3.25E-17	0.375	0.361				<i>LIMA1</i>	Body
cg20337996	12	124,780,809	1.79E-15	0.375	0.288				<i>FAM101A</i>	5'UTR
cg02590710	X	56,258,440	4.08E-16	0.375	0.354				<i>KLF8</i>	TSS1500
cg18653350	13	24,007,836	0.006922	0.375	0.274				<i>SACS</i>	5'UTR
cg09793609	X	119,445,399	4.4E-15	0.375	0.343				<i>FAM70A</i>	TSS200
cg01072076	5	1,930,801	0.014078	0.375	0.493					
cg05347878	9	98,784,231	0.002839	0.375	0.273				<i>NCRNA00092</i>	TSS200
cg21963535	20	44,098,285	1.26E-05	0.375	0.260				<i>WFDC2</i>	TSS200
cg19349369	6	2,842,146	8.99E-06	0.375	0.374				<i>SERPINB1</i>	TSS200

cg23720384	21	23,747,055	9.43E-15	0.375	0.323					
cg16937769	12	54,409,485	7.57E-06	0.375	0.372				<i>HOXC4</i>	TSS1500
cg24647015	11	114,191,367	1.73E-14	0.375	0.358					
cg09421111	16	57,673,122	2.5E-07	0.375	0.403				<i>GPR56</i>	5'UTR
cg20950465	1	53,068,181	9.28E-05	0.375	0.171				<i>GPX7</i>	1stExon
cg10101773	14	75,894,136	7.68E-20	0.375	0.323				<i>JDP2</i>	TSS1500
cg17034390	6	30,095,326	3.11E-13	0.375	0.356					
cg03515663	7	157,478,510	5.53E-30	0.375	0.363				<i>PTPRN2</i>	Body
cg05475524	11	66,326,798	6.27E-18	0.375	0.378				<i>ACTN3</i>	Body
cg14772439	6	29,911,104	0.016157	0.375	0.175				<i>HLA-A</i>	Body
cg22940848	1	2,222,486	1.14E-11	0.375	0.379				<i>SKI</i>	Body
cg19356191	1	116,371,337	0.000724	0.375	0.378					
cg05770238	1	26,686,587	1.08E-09	0.375	0.409					
cg00613284	8	67,419,936	1.86E-25	0.375	0.383				<i>C8orf46</i>	Body
cg12031863	16	4,587,854	3.42E-24	0.375	0.351				<i>C16orf5</i>	5'UTR
cg15673034	18	3,499,093	0.011084	0.375	0.257				<i>DLGAP1</i>	3'UTR
cg15375469	7	29,186,231	2.38E-05	0.375	0.343				<i>CPVL</i>	TSS200
cg24879335	3	133,465,180	0.000136	0.375	0.276				<i>TF</i>	5'UTR
cg14121282	9	137,268,074	1.4E-24	0.375	0.365				<i>RXRA</i>	Body
cg07541559	11	34,288,225	1.77E-26	0.374	0.353				<i>ABTB2</i>	Body
cg24431872	4	11,429,036	2.6E-31	0.374	0.375				<i>HS3ST1</i>	5'UTR
cg03917666	10	3,977,608	2.95E-23	0.374	0.360					
cg21286782	1	113,265,602	2.75E-59	0.374	0.368				<i>FAM19A3</i>	Body
cg27496526	15	41,805,530	1.34E-10	0.374	0.358				<i>LTK</i>	Body
cg01889574	11	44,590,889	1.03E-05	0.374	0.388				<i>CD82</i>	5'UTR
cg03051777	12	115,131,789	5.21E-10	0.374	0.425					
cg08613144	2	133,428,836	1.96E-06	0.374	0.404				<i>LYPD1</i>	1stExon
cg09180171	1	22,677,913	1.2E-05	0.374	0.336					
cg05721365	17	62,777,693	0.00038	0.374	0.281				<i>LOC146880</i>	Body
cg18502142	7	96,622,709	4.91E-11	0.374	0.364				<i>DLX6AS</i>	Body
cg05864326	2	177,030,150	0.003484	0.374	0.269				<i>HOXD3</i>	5'UTR
cg25974901	1	20,396,750	9.28E-47	0.374	0.388				<i>PLA2G5</i>	1stExon
cg21079345	7	134,144,036	0.000325	0.374	0.227				<i>AKR1B1</i>	TSS200
cg18056600	17	4,642,047	4.47E-10	0.374	0.225	3.89E-17	0.213		<i>ZMYND15</i>	TSS1500

cg22635676	2	241,975,971	4.57E-10	0.374	0.357				<i>SNED1</i>	Body
cg25831075	3	164,915,196	0.001698	0.374	0.240				<i>SLITRK3</i>	TSS1500
cg18383538	6	28,557,823	6.27E-08	0.374	0.389					
cg20415170	5	95,298,066	0.024825	0.374	0.237				<i>ELL2</i>	TSS1500
cg21554552	3	50,378,425	7.62E-13	0.374	0.378	7.8E-11	0.165		<i>RASSF1</i>	TSS200
cg15717183	3	181,438,122	1.4E-20	0.374	0.372				<i>SOX20T</i>	Body
cg21042456	7	1,270,558	2.91E-06	0.374	0.354					
cg04909938	4	6,676,273	8.01E-09	0.374	0.379				<i>LOC93622</i>	Body
cg00158308	13	97,646,341	7.53E-05	0.374	0.368	1.85E-24	0.252		<i>OXGR1</i>	5'UTR
cg17932631	2	96,990,861	9.83E-16	0.374	0.323				<i>ITPRIPL1</i>	TSS1500
cg06488957	17	17,628,152	1.23E-66	0.374	0.388				<i>RAI1</i>	5'UTR
cg16695890	19	15,580,310	2.31E-13	0.374	0.362				<i>PGLYRP2</i>	Body
cg22869726	21	34,398,265	3.29E-09	0.374	0.391				<i>OLIG2</i>	1stExon
cg11044163	7	29,186,153	0.00587	0.374	0.367	2.22E-10	0.163		<i>CPVL</i>	TSS200
cg07904073	10	74,017,122	7.82E-17	0.374	0.379					
cg05476483	11	76,750,693	4.76E-17	0.374	0.367				<i>B3GNT6</i>	Body
cg21686812	6	168,078,911	1.21E-07	0.374	0.297					
cg00808305	1	7,434,171	2.5E-06	0.374	0.312				<i>CAMTA1</i>	Body
cg03248158	4	122,632,918	7.1E-06	0.374	0.346					
cg03126561	11	12,434,050	9.76E-17	0.373	0.360				<i>PARVA</i>	Body
cg10087036	16	19,130,461	2.05E-12	0.373	0.369				<i>ITPRIPL2</i>	1stExon
cg15575433	7	100,488,705	5.76E-05	0.373	0.396				<i>UFSP1</i>	TSS1500
cg17231524	X	134,556,505	6.41E-18	0.373	0.319	2.07E-32	0.333		<i>NCRNA00086</i>	Body
cg27117792	12	102,330,180	1.21E-11	0.373	0.386					
cg10249375	1	63,795,934	0.004754	0.373	0.388					
cg05986933	2	43,020,457	8.25E-15	0.373	0.333				<i>HAAO</i>	TSS1500
cg18344652	1	95,393,096	0.009585	0.373	0.149				<i>CNN3</i>	TSS1500
cg25054907	17	61,553,954	2.31E-22	0.373	0.325				<i>ACE</i>	TSS1500
cg10790698	19	18,539,756	0.000243	0.373	0.241				<i>SSBP4</i>	Body
cg11178148	11	116,371,781	1.38E-16	0.373	0.359					
cg15963417	12	103,311,300	0.000816	0.373	0.182	5.87E-14	0.210		<i>PAH</i>	5'UTR
cg22389730	1	161,697,241	0.00542	0.373	0.363				<i>FCRLB</i>	Body
cg22122174	6	44,187,055	0.004182	0.373	0.279				<i>SLC29A1</i>	TSS200
cg06025456	6	32,120,863	1.58E-07	0.373	0.365				<i>PPT2</i>	TSS1500

cg04153784	7	127,672,235	8.74E-05	0.373	0.256				<i>SND1</i>	Body
cg09944213	16	5,037,570	1.32E-07	0.373	0.375				<i>SEC14L5</i>	Body
cg11828180	1	41,848,985	8.91E-05	0.373	0.285					
cg13546935	2	29,033,780	0.010708	0.373	0.199				<i>SPDYA</i>	5'UTR
cg26870725	19	12,978,805	2.1E-08	0.373	0.329				<i>MAST1</i>	Body
cg12630714	4	54,975,894	1.96E-15	0.373	0.372					
cg27326642	6	26,189,001	0.016693	0.373	0.336				<i>HIST1H4D</i>	1stExon
cg17227967	20	9,496,556	9.1E-07	0.373	0.322				<i>C20orf103</i>	Body
cg07858113	6	30,711,561	4.07E-22	0.373	0.371				<i>IER3</i>	3'UTR
cg01250960	16	85,783,863	1.91E-19	0.373	0.324				<i>C16orf74</i>	5'UTR
cg06922635	4	57,371,607	9.04E-06	0.373	0.370				<i>ARL9</i>	5'UTR
cg02896496	X	54,385,394	4.35E-13	0.373	0.366				<i>WNK3</i>	TSS1500
cg08787251	7	27,281,964	5.71E-14	0.372	0.300				<i>EVX1</i>	TSS200
cg10916998	6	30,711,832	0.000424	0.372	0.362				<i>FLOT1</i>	TSS1500
cg17696629	8	94,713,190	0.000442	0.372	0.292				<i>FAM92A1</i>	Body
cg03428864	3	25,469,925	1.7E-25	0.372	0.365				<i>RARB</i>	5'UTR
cg03923561	12	54,447,220	2.76E-14	0.372	0.370				<i>HOXC4</i>	5'UTR
cg12768523	4	169,737,224	1.82E-17	0.372	0.347				<i>PALLD</i>	Body
cg05393297	12	53,359,155	1.48E-28	0.372	0.386					
cg12420900	10	123,922,863	3.49E-15	0.372	0.361				<i>TACC2</i>	TSS1500
cg17001034	1	55,008,516	4.49E-16	0.372	0.304					
cg23489434	12	54,500,175	9.16E-12	0.372	0.282				<i>FLJ12825</i>	Body
cg26061177	3	64,670,562	2.85E-06	0.372	0.290				<i>ADAMTS9</i>	Body
cg17029019	17	1,959,124	0.000593	0.372	0.268				<i>HIC1</i>	TSS1500
cg26213453	15	89,455,860	1.81E-06	0.372	0.327				<i>MFG8</i>	Body
cg09308026	16	30,041,884	5.74E-06	0.372	0.395				<i>FAM57B</i>	5'UTR
cg02099543	22	45,899,186	0.000371	0.372	0.330				<i>FBLN1</i>	Body
cg24346905	1	108,023,249	1.36E-10	0.372	0.333				<i>NTNG1</i>	Body
cg26638444	5	150,400,180	6.38E-05	0.372	0.211				<i>GPX3</i>	5'UTR
cg15835396	7	128,809,228	0.000154	0.372	0.350					
cg26158897	15	53,083,135	1.01E-12	0.372	0.338				<i>ONECUT1</i>	TSS1500
cg24569637	2	201,450,560	0.00582	0.372	0.359				<i>AOX1</i>	TSS200
cg20383155	6	31,831,428	8.68E-09	0.372	0.339				<i>NEU1</i>	TSS1500
cg05192452	5	71,852,759	0.003254	0.372	0.251					

cg06126713	7	16,505,617	7E-07	0.372	0.374				<i>SOSTDC1</i>	TSS200
cg25123632	6	29,975,154	2.19E-14	0.372	0.356				<i>HLA-J</i>	Body
cg20293594	7	27,196,296	2.69E-05	0.372	0.333				<i>HOXA7</i>	TSS200
cg21111256	19	41,386,507	1.29E-14	0.372	0.325				<i>CYP2A7</i>	Body
cg09644722	17	60,885,519	2.04E-11	0.372	0.335	2.85E-27	0.262		<i>MARCH10</i>	5'UTR
cg09784335	4	41,875,193	1.76E-08	0.372	0.380					
cg00515457	19	35,396,203	7.09E-06	0.372	0.343					
cg21362478	9	78,507,352	0.000245	0.372	0.365				<i>PCSK5</i>	Body
cg13129612	14	24,505,547	3.96E-23	0.372	0.364				<i>DHRS4L1</i>	TSS200
cg20743134	3	69,061,356	6.47E-17	0.371	0.363				<i>C3orf64</i>	5'UTR
cg07068756	4	41,258,910	7.14E-06	0.371	0.362				<i>UCHL1</i>	1stExon
cg25456593	11	70,672,858	1.19E-39	0.371	0.354				<i>SHANK2</i>	Body
cg23882862	11	111,169,795	0.00047	0.371	0.393				<i>C11orf92</i>	5'UTR
cg25023596	12	118,627,943	1.13E-21	0.371	0.379				<i>TAOK3</i>	Body
cg19759135	5	179,221,059	1.09E-72	0.371	0.360				<i>LTC4S</i>	1stExon
cg22282405	6	50,810,682	3.97E-10	0.371	0.380				<i>TFAP2B</i>	Body
cg05635169	5	113,589,213	8.22E-30	0.371	0.336					
cg17670641	X	49,023,115	1.49E-08	0.371	0.303				<i>MAGIX</i>	3'UTR
cg05068206	6	30,095,195	9.44E-18	0.371	0.356					
cg17693420	7	99,157,059	0.012905	0.371	0.302				<i>ZNF655</i>	5'UTR
cg00474080	6	30,923,243	0.000687	0.371	0.427					
cg10715272	1	39,981,410	7E-21	0.371	0.390				<i>BMP8A</i>	Body
cg03432338	1	231,176,985	0.008191	0.371	0.328				<i>FAM89A</i>	TSS1500
cg21858255	12	104,609,609	2.93E-05	0.371	0.368				<i>TXNRD1</i>	1stExon
cg08276645	2	241,459,502	4.02E-19	0.371	0.351				<i>ANKMY1</i>	Body
cg00922748	12	2,944,322	0.00098	0.371	0.218				<i>NRIP2</i>	TSS200
cg26022183	1	156,215,655	0.016491	0.371	0.293				<i>PAQR6</i>	5'UTR
cg27633530	7	50,344,294	9.35E-12	0.371	0.369				<i>IKZF1</i>	TSS200
cg14588642	11	67,139,423	1.66E-23	0.371	0.395				<i>LOC100130987</i>	Body
cg18177414	7	149,389,929	0.006937	0.371	0.414					
cg02228815	15	31,685,131	1.46E-39	0.371	0.338					
cg09448677	11	70,672,740	2.62E-37	0.371	0.362				<i>SHANK2</i>	Body
cg17841765	1	22,560,699	2.63E-11	0.371	0.374					
cg14118515	2	176,948,728	0.038547	0.371	0.394				<i>EVX2</i>	TSS200



cg14820415	2	6,121,680	3.11E-05	0.371	0.340				<i>LOC400940</i>	TSS1500
cg16867584	19	49,200,180	1.54E-06	0.371	0.388				<i>FUT2</i>	5'UTR
cg24182521	20	44,541,013	7.64E-10	0.371	0.354				<i>PLTP</i>	TSS1500
cg14135025	5	55,776,721	0.020974	0.370	0.106					
cg19214408	10	111,981,687	1.2E-08	0.370	0.350				<i>MXI1</i>	Body
cg03207574	10	25,241,260	0.000445	0.370	0.385				<i>PRTFDC1</i>	Body
cg10572943	21	34,775,045	0.004329	0.370	0.215				<i>IFNGR2</i>	TSS200
cg19887700	12	115,136,200	2.63E-17	0.370	0.351					
cg23511118	3	67,840,535	1.29E-09	0.370	0.406					
cg10696085	12	50,444,522	3.11E-10	0.370	0.372					
cg19186145	2	45,169,562	1.68E-06	0.370	0.350				<i>SIX3</i>	1stExon
cg10992014	6	121,758,817	2.8E-07	0.370	0.374				<i>GJA1</i>	5'UTR
cg01559356	19	2,282,568	4.75E-13	0.370	0.354				<i>C19orf35</i>	TSS1500
cg19981568	14	60,977,300	5.73E-05	0.370	0.333				<i>SIX6</i>	Body
cg01292793	7	73,002,385	2.03E-17	0.370	0.325					
cg17255450	4	5,710,372	0.000424	0.370	0.299				<i>EVC2</i>	5'UTR
cg27616227	8	108,510,314	1.53E-11	0.370	0.371				<i>ANGPT1</i>	TSS200
cg26145959	6	44,310,257	3.3E-13	0.370	0.373				<i>SPATS1</i>	TSS200
cg18740893	3	136,538,934	0.012114	0.370	0.193				<i>TMEM22</i>	5'UTR
cg23152641	7	127,809,009	1.77E-05	0.370	0.359					
cg11942956	6	133,562,470	0.000006	0.370	0.426				<i>EYA4</i>	TSS200
cg03568858	7	100,465,221	7.56E-27	0.370	0.347				<i>TRIP6</i>	1stExon
cg20157753	2	113,594,343	2.32E-09	0.370	0.402				<i>IL1B</i>	1stExon
cg18049167	6	32,121,261	3.39E-10	0.370	0.357				<i>PPT2</i>	TSS200
cg19820372	11	111,411,216	4.61E-12	0.370	0.298				<i>LAYN</i>	TSS200
cg02077027	X	19,817,931	0.001363	0.370	0.360				<i>SH3KBP1</i>	Body
cg17727989	9	27,529,519	0.000871	0.370	0.167				<i>MOBKL2B</i>	5'UTR
cg23194719	10	52,177,823	7.76E-07	0.370	0.378				<i>SGMS1</i>	5'UTR
cg20840795	12	120,242,394	1.86E-21	0.370	0.362				<i>CIT</i>	Body
cg25104124	10	74,021,022	4.91E-08	0.370	0.349					
cg21982950	5	1,876,200	8.51E-21	0.370	0.361					
cg21879102	12	120,241,409	9.36E-19	0.370	0.356				<i>CIT</i>	Body
cg10848272	14	70,653,719	3.05E-44	0.370	0.360				<i>SLC8A3</i>	5'UTR
cg14753356	6	30,720,108	1.72E-11	0.370	0.276					

cg26968962	16	87,418,097	8.15E-12	0.370	0.316				<i>FBXO31</i>	TSS1500
cg13273147	X	153,192,582	0.000358	0.370	0.326				<i>ARHGAP4</i>	TSS1500
cg09881545	3	5,137,630	2.46E-15	0.370	0.375					
cg07569918	1	212,002,970	5.09E-37	0.370	0.362				<i>LPGAT1</i>	5'UTR
cg07641160	6	117,086,850	0.007392	0.370	0.277				<i>FAM162B</i>	1stExon
cg02245794	8	38,585,881	2.15E-08	0.369	0.337				<i>TACC1</i>	1stExon
cg02337836	1	110,210,641	5.18E-09	0.369	0.365				<i>GSTM2</i>	TSS200
cg06217769	17	2,126,306	3.82E-15	0.369	0.359				<i>SMG6</i>	Body
cg24954684	12	122,907,641	2.11E-19	0.369	0.318				<i>CLIP1</i>	TSS1500
cg26647332	10	31,073,467	0.000452	0.369	0.217					
cg06635952	2	70,025,869	2.08E-23	0.369	0.359				<i>ANXA4</i>	Body
cg25203962	3	170,746,291	4.51E-11	0.369	0.349					
cg17812788	17	40,333,009	0.001546	0.369	0.278				<i>KCNH4</i>	1stExon
cg13997668	10	73,847,532	2.44E-06	0.369	0.377				<i>SPOCK2</i>	Body
cg08217285	17	27,917,879	1.2E-19	0.369	0.360				<i>GIT1</i>	TSS1500
cg09092054	22	19,511,987	0.005047	0.369	0.392				<i>CLDN5</i>	1stExon
cg11641791	17	38,821,429	0.004402	0.369	0.347				<i>KRT222</i>	TSS200
cg27533119	7	124,404,472	1.01E-09	0.369	0.286				<i>GPR37</i>	1stExon
cg22498143	19	40,993,991	2.56E-05	0.369	0.290				<i>SPTBN4</i>	Body
cg10976772	1	6,390,595	4.58E-15	0.369	0.349				<i>ACOT7</i>	Body
cg08952506	2	201,450,610	7.39E-08	0.369	0.325				<i>AOX1</i>	TSS200
cg02006615	7	157,485,230	9.22E-21	0.369	0.361				<i>PTPRN2</i>	Body
cg04305621	17	73,084,263	1.49E-44	0.369	0.356				<i>SLC16A5</i>	5'UTR
cg22795891	2	192,543,908	0.001087	0.369	0.216				<i>OBFC2A</i>	Body
cg11207763	11	69,517,471	1.41E-10	0.369	0.394				<i>FGF19</i>	Body
cg00082219	2	219,846,299	1.01E-58	0.369	0.371				<i>FEV</i>	3'UTR
cg00017062	15	70,669,548	6.55E-11	0.369	0.363					
cg07121644	11	46,383,031	1.64E-38	0.369	0.359				<i>DGKZ</i>	Body
cg14270292	6	133,562,494	3.13E-06	0.369	0.446				<i>EYA4</i>	5'UTR
cg26480862	22	28,839,667	1.54E-09	0.369	0.323				<i>TTC28</i>	Body
cg20752903	17	60,885,671	0.000344	0.369	0.321				<i>MARCH10</i>	5'UTR
cg10824705	2	149,645,724	4.19E-10	0.369	0.380				<i>KIF5C</i>	Body
cg14957718	3	50,243,260	1.2E-22	0.369	0.337				<i>SLC38A3</i>	5'UTR
cg15012484	6	3,232,246	0.021714	0.369	0.213					

cg05783185	8	119,121,281	3.25E-08	0.369	0.415				<i>EXT1</i>	Body
cg09428251	8	68,658,408	6.82E-10	0.369	0.372				<i>CPA6</i>	1stExon
cg10758286	1	15,481,367	2.61E-20	0.369	0.301				<i>TMEM51</i>	5'UTR
cg01528052	6	30,095,728	5.89E-06	0.368	0.469					
cg25003777	6	2,841,626	3.94E-08	0.368	0.309				<i>SERPINB1</i>	5'UTR
cg01176363	20	62,369,445	0.005713	0.368	0.371				<i>LIME1</i>	Body
cg00063471	15	51,385,970	0.001067	0.368	0.411				<i>TNFAIP8L3</i>	Body
cg00730887	4	160,149,604	2.4E-25	0.368	0.354					
cg15198729	X	100,446,496	6.94E-12	0.368	0.361					
cg04006323	4	185,937,730	0.000001	0.368	0.362					
cg18573327	12	115,123,875	4.59E-15	0.368	0.320					
cg17180237	1	119,545,275	2.89E-11	0.368	0.311					
cg02259324	15	78,111,196	0.000217	0.368	0.308					
cg01814191	12	89,744,524	1.05E-15	0.368	0.332				<i>DUSP6</i>	Body
cg21950525	7	99,155,767	0.002224	0.368	0.281				<i>ZNF655</i>	TSS1500
cg07486895	18	59,560,433	7.2E-10	0.368	0.288				<i>RNF152</i>	TSS200
cg18617005	5	140,787,504	0.007575	0.368	0.489				<i>PCDHGA4</i>	Body
cg13372456	5	153,569,246	0.031645	0.368	0.169				<i>GALNT10</i>	TSS1500
cg01244877	X	153,598,902	4.13E-07	0.368	0.217				<i>FLNA</i>	Body
cg01985965	1	2,461,278	3.83E-14	0.368	0.350				<i>HES5</i>	Body
cg07817783	5	10,761,669	0.011518	0.368	0.171	1.6E-11	0.116		<i>DAP</i>	TSS1500
cg20583316	7	100,770,476	1.01E-05	0.368	0.372				<i>SERPINE1</i>	5'UTR
cg01240444	12	124,247,047	0.001125	0.368	0.130				<i>DNAH10</i>	1stExon
cg06132028	6	133,562,466	2.23E-07	0.368	0.426				<i>EYA4</i>	TSS200
cg24500959	10	99,474,813	2.12E-14	0.368	0.316				<i>MARVELD1</i>	Body
cg09155145	5	1,875,188	2.19E-17	0.368	0.356					
cg09971314	6	28,415,023	4.45E-05	0.368	0.310					
cg21730858	6	138,806,320	6.4E-11	0.368	0.293				<i>NHSL1</i>	Body
cg14657277	2	123,419,093	6.39E-35	0.368	0.370					
cg06616051	X	153,094,332	6.19E-26	0.368	0.362				<i>PDZD4</i>	Body
cg12200124	5	179,220,820	1.42E-38	0.368	0.360				<i>LTC4S</i>	TSS200
cg06732395	5	180,018,722	3.75E-33	0.368	0.351				<i>SCGB3A1</i>	TSS1500
cg11537946	4	139,773,369	1.14E-08	0.368	0.339					
cg14913111	1	45,792,733	0.000143	0.368	0.347				<i>HPDL</i>	1stExon

cg25423416	22	46,934,860	1.07E-13	0.367	0.335					
cg18233416	5	141,705,411	0.005671	0.367	0.213				<i>SPRY4</i>	TSS1500
cg06918474	5	126,205,081	1.46E-24	0.367	0.361				<i>MARCH3</i>	3'UTR
cg26683398	5	179,220,589	2.45E-33	0.367	0.350				<i>LTC4S</i>	TSS1500
cg09363735	6	50,808,699	5.83E-11	0.367	0.391				<i>TFAP2B</i>	Body
cg27188703	12	50,297,581	1.12E-07	0.367	0.259	1.27E-21	0.245		<i>FAIM2</i>	1stExon
cg07935264	2	113,594,375	9.2E-12	0.367	0.348	3.82E-24	0.172		<i>IL1B</i>	TSS200
cg01462545	4	42,401,242	5.81E-05	0.367	0.362				<i>SHISA3</i>	Body
cg08848711	X	118,827,659	0.006697	0.367	0.231				<i>SEPT6</i>	TSS1500
cg14599729	17	15,686,294	0.005775	0.367	0.243					
cg15125338	17	44,899,394	1.09E-16	0.367	0.358					
cg15817960	12	54,409,599	2.88E-06	0.367	0.296				<i>HOXC4</i>	TSS1500
cg12403148	X	154,842,718	5.9E-07	0.367	0.310				<i>TMLHE</i>	TSS200
cg22653140	10	81,214,225	1.56E-09	0.367	0.356					
cg00076195	5	140,892,677	1.03E-08	0.367	0.260					
cg06080793	6	1,625,457	1.42E-26	0.367	0.338				<i>GMDS</i>	Body
cg06710082	6	29,943,408	5.28E-08	0.367	0.359				<i>HCG9</i>	Body
cg13077262	6	44,310,350	3.2E-31	0.367	0.354				<i>SPATS1</i>	TSS200
cg24304789	2	43,451,423	0.000742	0.367	0.309				<i>ZFP36L2</i>	3'UTR
cg16993043	1	200,008,026	1.56E-16	0.367	0.385				<i>NR5A2</i>	Body
cg07400877	20	45,440,085	6.94E-07	0.367	0.319					
cg00397324	21	42,798,594	0.005198	0.367	0.378				<i>MX1</i>	5'UTR
cg24784416	4	169,525,923	0.001146	0.367	0.267			Yes	<i>PALLD</i>	Body
cg07243941	4	47,840,162	0.005843	0.367	0.356				<i>CORIN</i>	TSS200
cg15119221	17	19,290,755	1.55E-30	0.367	0.368				<i>MFAP4</i>	TSS1500
cg02231066	3	52,567,130	0.045014	0.367	0.143				<i>NT5DC2</i>	Body
cg01470551	13	95,620,874	1.53E-06	0.367	0.352					
cg16409339	1	146,556,239	1.6E-08	0.367	0.348					
cg18697991	3	64,823,081	1.75E-22	0.367	0.354				<i>MIR548A2</i>	Body
cg20059012	12	53,613,154	2.26E-06	0.367	0.386				<i>RARG</i>	Body
cg25153755	X	47,433,716	0.000466	0.367	0.372				<i>SYN1</i>	Body
cg18945842	22	42,306,589	0.017512	0.367	0.334					
cg20686234	17	26,699,485	0.000943	0.367	0.242				<i>SARM1</i>	1stExon
cg25594119	18	11,947,571	0.00012	0.367	0.345					

cg06916239	2	223,162,881	0.000574	0.367	0.370				<i>PAX3</i>	Body
cg09662584	6	44,310,445	4.53E-25	0.367	0.388				<i>SPATS1</i>	1stExon
cg08141615	12	110,172,214	9.42E-14	0.367	0.345				<i>MGC14436</i>	Body
cg22178238	7	158,362,809	8.78E-13	0.367	0.367				<i>PTPRN2</i>	Body
cg10641714	5	43,193,681	1.09E-09	0.367	0.314				<i>MGC42105</i>	5'UTR
cg23460843	2	127,644,075	0.023915	0.367	0.429					
cg15366353	6	116,691,382	7.98E-24	0.367	0.317				<i>DSE</i>	TSS1500
cg00714725	10	94,825,576	8.87E-05	0.367	0.212				<i>CYP26C1</i>	Body
cg06844968	18	24,131,604	2.11E-28	0.367	0.335				<i>KCTD1</i>	5'UTR
cg08500417	7	102,574,445	3.78E-20	0.367	0.366				<i>FBXL13</i>	Body
cg17733616	17	73,083,887	0.012063	0.367	0.162				<i>SLC16A5</i>	TSS200
cg24516106	2	72,079,413	2.3E-23	0.366	0.351					
cg06428620	5	140,864,276	6.68E-06	0.366	0.353				<i>PCDHGA4</i>	Body
cg06718073	7	142,495,582	6.01E-10	0.366	0.337					
cg08789022	2	27,484,942	1.31E-09	0.366	0.379				<i>SLC30A3</i>	Body
cg01972979	X	133,680,446	3.29E-08	0.366	0.352				<i>MGC16121</i>	Body
cg03367264	10	13,392,131	0.003939	0.366	0.252					
cg14174055	2	97,203,640	1.07E-15	0.366	0.299				<i>ARID5A</i>	Body
cg07778819	17	43,862,927	4.25E-06	0.366	0.260				<i>CRHR1</i>	Body
cg12296772	8	17,271,067	0.004338	0.366	0.261				<i>MTMR7</i>	TSS200
cg09354556	3	47,051,341	9.4E-11	0.366	0.324					
cg18653451	19	46,917,018	1.08E-47	0.366	0.363				<i>CCDC8</i>	TSS200
cg04234680	14	51,562,550	0.008662	0.366	0.240				<i>TRIM9</i>	TSS200
cg25489866	15	59,729,553	0.005754	0.366	0.421				<i>FAM81A</i>	TSS1500
cg02449166	10	131,748,481	1.62E-13	0.366	0.337				<i>EBF3</i>	Body
cg15572489	7	157,481,091	3.11E-12	0.366	0.352				<i>PTPRN2</i>	Body
cg05911774	X	99,899,345	5.6E-19	0.366	0.364				<i>SRPX2</i>	1stExon
cg21121496	19	55,592,930	1.15E-05	0.366	0.350				<i>EPS8L1</i>	Body
cg07345934	1	31,845,943	0.000197	0.366	0.286				<i>FABP3</i>	TSS200
cg22964842	10	102,495,141	0.000109	0.366	0.327					
cg11134334	13	94,822,726	1.53E-30	0.366	0.346				<i>GPC6</i>	Body
cg14024937	6	14,441,721	6.02E-22	0.366	0.365					
cg13868604	20	42,875,931	5.8E-06	0.366	0.305				<i>GDAP1L1</i>	5'UTR
cg08018585	13	46,425,866	0.007712	0.366	0.341				<i>SIAH3</i>	TSS200

cg01203385	2	21,022,844	0.00058	0.366	0.331				<i>C2orf43</i>	TSS200
cg14239655	12	46,005,115	1.63E-13	0.366	0.341					
cg04658021	17	8,056,967	3.04E-27	0.366	0.350				<i>PER1</i>	TSS1500
cg16052975	17	15,821,016	3.95E-13	0.366	0.330					
cg16399136	1	151,104,003	0.000153	0.366	0.374					
cg04121938	1	201,509,415	2.84E-23	0.366	0.371					
cg06291314	17	2,325,086	4E-17	0.366	0.365				<i>METT10D</i>	Body
cg05070518	17	7,555,322	2.78E-13	0.366	0.320				<i>ATP1B2</i>	Body
cg07621385	3	123,535,716	2.15E-22	0.366	0.350				<i>MYLK</i>	5'UTR
cg13916459	12	85,673,221	0.000261	0.366	0.393				<i>ALX1</i>	TSS1500
cg14995036	1	94,146,705	1.86E-06	0.365	0.360				<i>BCAR3</i>	5'UTR
cg17933722	1	116,711,077	0.000746	0.365	0.322					
cg24331598	10	101,280,256	2.71E-12	0.365	0.367					
cg04177426	X	150,863,969	0.010374	0.365	0.286					
cg17124829	2	171,568,791	0.003776	0.365	0.269					
cg05341781	1	164,723,567	4.17E-26	0.365	0.353				<i>PBX1</i>	Body
cg07868599	16	3,079,708	3.26E-39	0.365	0.372				<i>CCDC64B</i>	Body
cg24448259	7	29,186,110	0.000185	0.365	0.326	4.58E-15	0.192		<i>CPVL</i>	5'UTR
cg16692973	X	119,445,209	7.04E-05	0.365	0.339				<i>FAM70A</i>	1stExon
cg25387565	6	31,830,527	0.023132	0.365	0.331				<i>NEU1</i>	1stExon
cg11857704	2	3,750,952	6.9E-05	0.365	0.393					
cg11631271	19	38,700,487	0.002387	0.365	0.492					
cg07097417	1	212,002,770	1.14E-25	0.365	0.358				<i>LPGAT1</i>	5'UTR
cg20078466	7	50,344,331	7.29E-06	0.365	0.374				<i>IKZF1</i>	TSS200
cg12315302	6	26,189,340	0.003102	0.365	0.334			Yes	<i>HIST1H4D</i>	TSS200
cg09858022	17	38,465,333	5.32E-31	0.365	0.365				<i>RARA</i>	TSS200
cg14499577	8	1,414,612	0.000158	0.365	0.429					
cg06980169	12	111,127,139	5.42E-07	0.365	0.274				<i>HVCN1</i>	TSS200
cg03156893	16	23,847,675	5.7E-14	0.365	0.355				<i>PRKCB</i>	Body
cg02680314	16	3,097,387	4.06E-10	0.365	0.358				<i>MMP25</i>	Body
cg23288298	2	43,451,559	3.75E-05	0.365	0.314				<i>ZFP36L2</i>	Body
cg12929487	4	41,869,175	6.57E-08	0.365	0.333					
cg00684125	7	21,209,165	1.93E-19	0.365	0.307					
cg14024788	5	1,875,611	3.56E-09	0.365	0.374					

cg10266490	1	55,013,709	2.56E-23	0.365	0.372	8.45E-20	0.240		<i>ACOT11</i>	TSS200
cg15156975	17	43,449,055	0.0014	0.365	0.341					
cg27125645	12	124,246,434	0.000147	0.365	0.161				<i>DNAH10</i>	TSS1500
cg00793186	5	139,283,100	7.09E-25	0.365	0.341				<i>NRG2</i>	Body
cg25339566	1	67,218,165	6.12E-08	0.365	0.339				<i>TCTEX1D1</i>	5'UTR
cg03348397	8	54,789,648	1.44E-18	0.365	0.342				<i>RGS20</i>	Body
cg05126289	1	156,995,411	6.36E-20	0.365	0.342				<i>ARHGEF11</i>	Body
cg13409449	10	8,097,354	7.91E-06	0.365	0.341				<i>GATA3</i>	5'UTR
cg20800956	1	171,811,477	0.030927	0.365	0.165				<i>DNM3</i>	Body
cg23101464	8	144,640,755	0.000412	0.365	0.261				<i>GSDMD</i>	5'UTR
cg14632485	11	113,216,820	2.55E-12	0.365	0.321				<i>TTC12</i>	Body
cg10474350	7	27,196,555	7.62E-06	0.365	0.387				<i>HOXA7</i>	TSS1500
cg26459372	7	45,613,676	1.47E-14	0.365	0.358				<i>ADCY1</i>	TSS1500
cg07663732	19	41,882,741	5.56E-17	0.365	0.356				<i>TMEM91</i>	1stExon
cg20293650	6	16,180,549	7.02E-13	0.365	0.329					
cg23560546	2	159,652,019	5.4E-18	0.365	0.362				<i>DAPL1</i>	Body
cg26051755	2	97,198,107	1.27E-08	0.365	0.329					
cg04060356	20	52,226,170	9.66E-05	0.364	0.295					
cg26009486	14	24,838,008	5.17E-20	0.364	0.337				<i>NFATC4</i>	Body
cg25552843	10	106,088,702	0.001037	0.364	0.415				<i>ITPRIP</i>	5'UTR
cg07871590	7	127,671,193	0.016994	0.364	0.248				<i>LRRC4</i>	TSS200
cg11036833	5	115,152,494	0.00052	0.364	0.198				<i>CDO1</i>	TSS200
cg11613015	5	112,073,406	0.021411	0.364	0.185				<i>APC</i>	TSS200
cg22675937	17	59,481,571	3.52E-19	0.364	0.372				<i>TBX2</i>	Body
cg15590989	4	183,062,460	1.14E-08	0.364	0.289				<i>MGC45800</i>	Body
cg09983326	2	43,451,308	7.77E-06	0.364	0.321				<i>ZFP36L2</i>	3'UTR
cg04540383	3	50,378,611	2.49E-07	0.364	0.359				<i>RASSF1</i>	TSS1500
cg18395917	11	76,033,367	1.06E-35	0.364	0.359					
cg24340926	X	129,305,036	8.94E-05	0.364	0.223	4.34E-38	0.304		<i>RAB33A</i>	TSS1500
cg26450149	7	47,375,903	7.62E-45	0.364	0.365				<i>TNS3</i>	Body
cg02094273	11	86,636,018	1.44E-19	0.364	0.363					
cg24641993	5	150,537,046	0.003099	0.364	0.160				<i>ANXA6</i>	5'UTR
cg18347921	6	29,975,366	1.07E-19	0.364	0.363				<i>HLA-J</i>	Body
cg19437285	5	148,650,972	1.41E-30	0.364	0.358				<i>AFAP1L1</i>	TSS1500

cg01492330	12	53,184,005	8.77E-05	0.364	0.398				<i>KRT3</i>	Body
cg09003023	6	29,974,253	1.55E-09	0.364	0.350				<i>HLA-J</i>	Body
cg13656752	5	171,538,334	1.11E-09	0.364	0.351				<i>STK10</i>	Body
cg20640433	6	129,204,206	2.32E-05	0.364	0.337	5.35E-18	0.267		<i>LAMA2</i>	TSS200
cg18591496	19	41,595,977	9.87E-19	0.364	0.355				<i>CYP2A13</i>	Body
cg18393747	13	96,205,295	3.94E-05	0.364	0.385				<i>CLDN10</i>	Body
cg01642521	11	20,618,250	0.00347	0.364	0.329					
cg11659501	12	81,471,678	3.21E-07	0.364	0.328				<i>ACSS3</i>	TSS200
cg08233811	6	21,667,333	5.64E-13	0.364	0.335				<i>FLJ22536</i>	Body
cg16329197	12	53,359,506	2.75E-10	0.364	0.338					
cg05375728	1	58,715,539	0.000746	0.364	0.334				<i>DAB1</i>	5'UTR
cg12589143	6	29,894,341	3.2E-07	0.364	0.374				<i>HCG4P6</i>	TSS1500
cg00659931	15	102,010,125	4.55E-23	0.364	0.362				<i>PCSK6</i>	Body
cg13102294	6	32,121,393	9.95E-26	0.364	0.338				<i>PPT2</i>	TSS1500
cg01611017	14	95,780,344	2.3E-17	0.364	0.375				<i>CLMN</i>	Body
cg05906166	19	16,437,057	1.61E-17	0.364	0.352				<i>KLF2</i>	Body
cg13759905	2	233,741,920	1.35E-20	0.364	0.307					
cg00645339	15	45,670,875	7.42E-08	0.364	0.370				<i>LOC145663</i>	TSS200
cg13213923	17	60,885,491	0.000336	0.364	0.356				<i>MARCH10</i>	5'UTR
cg13038685	14	77,504,478	3.35E-22	0.364	0.385					
cg12902896	3	37,987,838	4.35E-24	0.364	0.322				<i>CTDSPL</i>	Body
cg00944193	13	36,044,860	0.002071	0.363	0.468				<i>NBEA</i>	Body
cg12175729	8	140,715,540	7.97E-07	0.363	0.387				<i>KCNK9</i>	TSS1500
cg27448110	7	157,484,647	6.71E-39	0.363	0.363				<i>PTPRN2</i>	Body
cg05312353	6	17,102,678	0.000113	0.363	0.244					
cg26107476	1	202,054,898	1.08E-16	0.363	0.358					
cg23217512	15	70,877,866	1.44E-08	0.363	0.299					
cg21195256	14	29,244,278	0.011876	0.363	0.263				<i>C14orf23</i>	Body
cg08118140	1	56,397,447	4.07E-49	0.363	0.331					
cg07227926	12	104,609,526	1.64E-12	0.363	0.344				<i>TXNRD1</i>	TSS200
cg24563094	2	26,395,458	0.007372	0.363	0.294				<i>FAM59B</i>	TSS1500
cg02348751	4	183,064,035	5.57E-08	0.363	0.361				<i>MGC45800</i>	Body
cg17990771	6	32,223,226	3.31E-05	0.363	0.383					
cg14383422	2	201,450,962	4.42E-05	0.363	0.306				<i>AOX1</i>	Body



cg15417365	17	56,609,082	4.62E-08	0.363	0.256				<i>SEPT4</i>	Body
cg09065413	1	45,285,821	1.62E-05	0.363	0.419				<i>PTCH2</i>	3'UTR
cg15062377	1	200,004,205	3.05E-17	0.363	0.352				<i>NR5A2</i>	Body
cg11076306	4	41,430,667	2.36E-10	0.363	0.357				<i>LIMCH1</i>	Body
cg20289949	2	43,019,614	7.41E-07	0.363	0.214				<i>HAAO</i>	1stExon
cg04787024	2	99,553,442	0.000157	0.363	0.391				<i>C2orf55</i>	TSS1500
cg18437710	19	51,522,894	4.67E-11	0.363	0.374				<i>KLK10</i>	5'UTR
cg25025879	12	53,359,317	5.13E-17	0.363	0.344					
cg22621867	3	51,990,301	0.000206	0.363	0.397				<i>GPR62</i>	1stExon
cg25677261	15	102,009,856	1.37E-32	0.363	0.361				<i>PCSK6</i>	Body
cg18818075	6	44,528,865	8.95E-10	0.363	0.279					
cg24679890	19	17,246,356	3.49E-11	0.363	0.394				<i>MYO9B</i>	Body
cg11028201	4	41,867,562	0.000179	0.363	0.363					
cg08285646	16	69,432,500	8.22E-24	0.363	0.327					
cg06720425	3	25,469,694	1.27E-19	0.363	0.325				<i>RARB</i>	TSS200
cg16049283	1	6,419,606	6.84E-25	0.363	0.363				<i>ACOT7</i>	Body
cg27494383	15	41,805,868	6.68E-07	0.363	0.392	6.33E-09	0.151		<i>LTK</i>	1stExon
cg07627556	11	115,530,590	4.94E-07	0.363	0.325					
cg15436123	4	3,390,332	5.17E-12	0.363	0.406				<i>RGS12</i>	Body
cg22773661	4	48,492,225	0.006489	0.363	0.335				<i>ZAR1</i>	TSS200
cg02058408	17	20,687,681	3.05E-05	0.362	0.313					
cg09242181	11	46,940,517	4.05E-10	0.362	0.362				<i>LRP4</i>	TSS1500
cg00371702	3	25,469,125	1.53E-14	0.362	0.314				<i>RARB</i>	TSS1500
cg01059100	16	31,214,607	6.76E-25	0.362	0.313				<i>PYCARD</i>	TSS1500
cg23376821	6	45,391,365	0.001884	0.362	0.371				<i>RUNX2</i>	Body
cg24192569	7	4,184,151	4.96E-23	0.362	0.386				<i>SDK1</i>	Body
cg15717448	5	171,234,429	3.87E-08	0.362	0.332					
cg13714344	12	6,938,635	1.07E-08	0.362	0.357				<i>LEPREL2</i>	Body
cg08687386	6	30,711,206	2.26E-29	0.362	0.331				<i>IER3</i>	3'UTR
cg01758418	X	70,151,160	2.21E-08	0.362	0.343				<i>SLC7A3</i>	TSS1500
cg23024158	10	78,011,952	2.69E-16	0.362	0.295				<i>C10orf11</i>	Body
cg14511739	5	112,073,373	0.021305	0.362	0.170				<i>APC</i>	TSS200
cg02614217	4	122,632,774	2.7E-08	0.362	0.352					
cg08167706	7	134,144,106	5.04E-08	0.362	0.244				<i>AKR1B1</i>	TSS1500

cg10445911	1	154,971,922	0.00291	0.362	0.365					
cg23426945	10	77,190,054	1.09E-10	0.362	0.342					
cg26459819	11	111,169,457	3.83E-22	0.362	0.362				<i>C11orf93</i>	TSS1500
cg09611490	2	97,193,080	2.46E-30	0.362	0.347					
cg09107344	12	53,612,734	6.56E-17	0.362	0.384				<i>RARG</i>	Body
cg21472506	2	63,283,967	1.86E-06	0.362	0.357				<i>OTX1</i>	3'UTR
cg00246451	1	155,949,012	5.93E-10	0.362	0.356				<i>ARHGEF2</i>	TSS1500
cg12134633	15	32,934,004	2.08E-09	0.362	0.275				<i>SCG5</i>	5'UTR
cg26195583	4	41,869,348	6.58E-09	0.362	0.344					
cg23016080	15	44,486,450	4.95E-06	0.362	0.313				<i>FRMD5</i>	Body
cg08076018	9	129,885,080	4.56E-07	0.362	0.315				<i>ANGPTL2</i>	TSS200
cg06760830	1	47,079,672	2.78E-09	0.362	0.399				<i>MOBK12C</i>	Body
cg22489153	12	115,136,175	5.06E-12	0.362	0.331					
cg02273392	7	100,770,414	4.59E-09	0.362	0.358	9.11E-29	0.201		<i>SERPINE1</i>	5'UTR
cg04772683	19	51,522,641	0.006691	0.362	0.376				<i>KLK10</i>	5'UTR
cg04134279	8	496,327	5.05E-11	0.362	0.283				<i>C8orf42</i>	TSS1500
cg06599914	11	32,915,903	1.7E-05	0.362	0.425				<i>QSER1</i>	5'UTR
cg13084536	5	139,076,824	7.68E-18	0.362	0.336					
cg25620356	7	18,535,407	2.84E-05	0.362	0.319				<i>HDAC9</i>	TSS1500
cg08516516	5	115,152,492	0.001624	0.362	0.192				<i>CDO1</i>	TSS200
cg25054754	4	169,754,328	8.85E-06	0.362	0.402				<i>PALLD</i>	5'UTR
cg21903079	14	24,457,915	4.7E-25	0.362	0.331				<i>DHRS4L2</i>	TSS200
cg19896129	1	63,156,450	2.38E-18	0.362	0.340					
cg07035145	14	51,410,689	0.000128	0.362	0.374				<i>PYGL</i>	Body
cg03186486	3	68,980,947	2.93E-06	0.362	0.345				<i>FAM19A4</i>	5'UTR
cg00655913	1	228,633,920	1.19E-07	0.362	0.391					
cg12976581	6	29,975,032	6.47E-10	0.362	0.347				<i>HLA-J</i>	Body
cg10763594	2	218,258,333	1.72E-11	0.361	0.325			Yes	<i>DIRC3</i>	Body
cg22819422	10	3,108,507	2.6E-37	0.361	0.362				<i>PFKP</i>	TSS1500
cg08481075	6	33,161,328	0.001253	0.361	0.311				<i>COL11A2</i>	TSS1500
cg26973714	12	104,609,524	1.42E-13	0.361	0.326				<i>TXNRD1</i>	TSS200
cg04719903	1	1,181,956	1.04E-26	0.361	0.321				<i>FAM132A</i>	1stExon
cg20066782	7	102,574,504	3.58E-18	0.361	0.354				<i>FBXL13</i>	Body
cg07100000	5	170,877,840	3.69E-18	0.361	0.344				<i>FGF18</i>	Body

cg12126857	1	35,384,669	0.001505	0.361	0.353					
cg18738581	3	9,944,183	6.59E-11	0.361	0.358				<i>IL17RE</i>	TSS200
cg07978472	4	122,686,493	3.85E-06	0.361	0.252				<i>TMEM155</i>	TSS200
cg10935662	3	72,307,754	1.19E-15	0.361	0.341					
cg18082515	10	95,197,126	7.5E-16	0.361	0.350				<i>MYOF</i>	Body
cg11840125	14	23,834,860	0.004478	0.361	0.391				<i>EFS</i>	TSS200
cg23196756	10	72,165,580	1.24E-14	0.361	0.353				<i>EIF4EBP2</i>	Body
cg18995088	5	134,914,734	2.2E-06	0.361	0.334	6.94E-12	0.177		<i>CXCL14</i>	5'UTR
cg03131732	11	46,317,475	3.32E-10	0.361	0.275				<i>CREB3L1</i>	Body
cg11296826	1	40,236,125	7.15E-23	0.361	0.370				<i>BMP8B</i>	Body
cg13826247	12	54,424,203	3.69E-12	0.361	0.289				<i>HOXC4</i>	5'UTR
cg01680010	7	96,647,117	4.47E-08	0.361	0.373					
cg04276005	1	180,895,868	4.34E-31	0.361	0.355				<i>KIAA1614</i>	Body
cg21535657	12	11,806,362	1.82E-17	0.361	0.348				<i>ETV6</i>	Body
cg25588389	7	2,654,420	6.11E-06	0.361	0.274					
cg13837913	6	26,189,410	0.026618	0.361	0.327				<i>HIST1H4D</i>	TSS200
cg08598483	6	29,975,145	1.69E-15	0.361	0.358				<i>HLA-J</i>	Body
cg21081729	5	112,539,140	2.04E-07	0.361	0.334				<i>MCC</i>	Body
cg01356950	2	175,546,714	7.16E-08	0.361	0.255				<i>WIPF1</i>	5'UTR
cg09469554	13	96,204,917	0.013381	0.361	0.410				<i>CLDN10</i>	TSS200
cg09168808	12	115,124,584	9.59E-19	0.361	0.324					
cg26069562	6	29,691,981	3.38E-06	0.361	0.267				<i>HLA-F</i>	Body
cg25267808	11	95,779,454	5.01E-14	0.360	0.363				<i>MAML2</i>	Body
cg11608150	5	135,415,948	1.78E-05	0.360	0.316					
cg10215401	8	131,058,332	1.39E-20	0.360	0.356					
cg23258678	1	200,004,095	2.09E-10	0.360	0.353				<i>NR5A2</i>	Body
cg03070989	19	34,311,482	0.000139	0.360	0.358					
cg16355305	12	65,220,152	2.46E-17	0.360	0.313					
cg24394631	17	43,863,000	6.87E-07	0.360	0.303				<i>CRHR1</i>	Body
cg04791080	15	68,771,946	3.3E-23	0.360	0.356					
cg17511472	4	3,485,326	7.7E-15	0.360	0.312				<i>DOK7</i>	Body
cg10356613	17	35,294,491	0.001362	0.360	0.395				<i>LHX1</i>	TSS200
cg05313153	8	119,122,430	2.76E-15	0.360	0.379				<i>EXT1</i>	1stExon
cg11299991	3	157,154,687	3.26E-13	0.360	0.355				<i>PTX3</i>	5'UTR

cg26895804	8	145,917,243	1.65E-20	0.360	0.368					
cg26015416	1	108,023,482	1.71E-13	0.360	0.303				<i>NTNG1</i>	3'UTR
cg14687145	2	29,234,537	3.13E-05	0.360	0.376				<i>FAM179A</i>	Body
cg06616710	10	99,473,224	3.4E-08	0.360	0.317				<i>MARVELD1</i>	TSS1500
cg00011994	6	30,711,904	3.26E-09	0.360	0.359				<i>FLOT1</i>	TSS1500
cg27038634	8	49,468,341	1.26E-20	0.360	0.369					
cg18004701	7	157,481,628	1.38E-10	0.360	0.358				<i>PTPRN2</i>	Body
cg19067730	20	44,518,824	3.15E-11	0.360	0.259	6.73E-10	0.153		<i>CTSA</i>	TSS1500
cg19267596	19	15,334,821	3.37E-06	0.360	0.240					
cg06945523	14	36,974,800	0.002296	0.360	0.415				<i>SFTA3</i>	Body
cg09408571	1	101,003,634	2.25E-30	0.360	0.376				<i>GPR88</i>	TSS200
cg11024449	X	70,150,787	0.031688	0.360	0.397				<i>SLC7A3</i>	5'UTR
cg10625365	1	168,196,658	2.21E-16	0.360	0.348			Yes	<i>SFT2D2</i>	Body
cg07146104	1	16,489,048	3.76E-13	0.360	0.338					
cg24922129	11	129,242,530	6.78E-09	0.360	0.349					
cg10553890	11	83,074,588	2.94E-08	0.360	0.379					
cg10304637	6	6,003,220	0.002158	0.360	0.343				<i>NRN1</i>	Body
cg18111443	19	20,349,275	0.042045	0.360	0.193					
cg02550961	15	45,406,866	0.000158	0.360	0.353				<i>DUOXA2</i>	1stExon
cg06785746	17	44,896,166	1.45E-06	0.360	0.389				<i>WNT3</i>	TSS200
cg23183906	19	16,187,089	0.00221	0.360	0.341				<i>TPM4</i>	Body
cg08364561	11	31,846,844	9.05E-05	0.360	0.388					
cg26666133	12	90,101,389	0.000467	0.360	0.392				<i>LOC338758</i>	TSS1500
cg13039251	5	32,018,601	3.1E-20	0.360	0.332				<i>PDZD2</i>	Body
cg06832339	7	23,842,119	1.47E-19	0.360	0.320				<i>STK31</i>	Body
cg19545232	14	70,654,247	7.79E-08	0.359	0.266				<i>SLC8A3</i>	5'UTR
cg16414149	7	1,294,013	8.41E-18	0.359	0.362					
cg09480054	2	43,020,129	7.4E-07	0.359	0.204				<i>HAAO</i>	TSS1500
cg06077978	X	48,690,457	0.00033	0.359	0.451				<i>PCSK1N</i>	Body
cg25349820	22	25,346,354	4.7E-08	0.359	0.385					
cg08268798	20	42,955,472	0.00128	0.359	0.347					
cg15763670	10	73,473,235	7.68E-15	0.359	0.343				<i>C10orf105</i>	3'UTR
cg01146320	11	120,080,945	1.7E-11	0.359	0.332				<i>OAF</i>	TSS1500
cg17330251	7	94,953,956	4.51E-13	0.359	0.317				<i>PON1</i>	TSS200

cg03053374	17	38,465,422	1.23E-18	0.359	0.360				<i>RARA</i>	TSS200
cg06460983	10	91,092,340	8.22E-06	0.359	0.298				<i>IFIT3</i>	Body
cg23837109	10	75,670,435	4.88E-27	0.359	0.334				<i>PLAU</i>	TSS1500
cg21741562	3	87,138,387	4.19E-05	0.359	0.318					
cg10721782	15	90,039,809	4.35E-13	0.359	0.364				<i>RHCG</i>	TSS200
cg27510182	1	58,715,553	0.001803	0.359	0.353				<i>DAB1</i>	5'UTR
cg12914657	7	150,413,680	1.94E-13	0.359	0.369	4.4E-34	0.265		<i>GIMAP1</i>	TSS200
cg02635932	10	18,549,778	5.82E-20	0.359	0.344				<i>CACNB2</i>	1stExon
cg15045802	19	1,857,434	0.014349	0.359	0.293				<i>KLF16</i>	Body
cg05308656	2	235,406,291	3.9E-50	0.359	0.339				<i>ARL4C</i>	TSS1500
cg21606490	1	108,023,428	5.6E-13	0.359	0.296				<i>NTNG1</i>	Body
cg00510539	2	27,958,611	0.000318	0.359	0.224					
cg13573928	4	169,754,534	7.43E-09	0.359	0.373				<i>PALLD</i>	5'UTR
cg09516476	6	10,881,925	1.93E-14	0.359	0.338				<i>GCM2</i>	Body
cg07173972	20	61,583,979	1.94E-05	0.359	0.345				<i>SLC17A9</i>	TSS200
cg23122109	2	228,582,688	5.05E-05	0.359	0.237				<i>SLC19A3</i>	5'UTR
cg04775710	6	30,712,022	9.05E-05	0.359	0.359				<i>IER3</i>	Body
cg17389738	6	30,711,642	4.82E-28	0.359	0.361				<i>IER3</i>	3'UTR
cg27071460	5	40,681,893	1.89E-10	0.359	0.367				<i>PTGER4</i>	Body
cg10210594	1	208,132,787	0.003576	0.359	0.346					
cg08382226	6	108,440,339	0.000186	0.359	0.361					
cg11909912	17	43,974,919	1.01E-16	0.359	0.326				<i>MAPT</i>	5'UTR
cg22325530	12	111,127,346	7.81E-06	0.359	0.312				<i>HVCN1</i>	TSS1500
cg19624849	1	145,415,412	2.29E-06	0.358	0.409				<i>HFE2</i>	5'UTR
cg15202006	8	68,658,566	2.72E-09	0.358	0.331				<i>CPA6</i>	1stExon
cg02071670	15	89,438,918	1.17E-56	0.358	0.337				<i>HAPLN3</i>	TSS200
cg01616225	16	57,662,347	4.55E-14	0.358	0.342				<i>GPR56</i>	TSS200
cg20559385	6	106,049,591	4.63E-19	0.358	0.341					
cg10869581	X	102,000,905	0.002934	0.358	0.290				<i>BHLHB9</i>	TSS200
cg05226168	16	68,118,441	5.17E-32	0.358	0.338				<i>NFATC3</i>	TSS1500
cg12225220	4	87,281,434	3.03E-10	0.358	0.363				<i>MAPK10</i>	TSS200
cg01224366	21	45,148,694	0.001268	0.358	0.271				<i>PDXK</i>	Body
cg00158683	3	48,632,625	0.001674	0.358	0.348				<i>COL7A1</i>	TSS200
cg14808329	5	133,863,570	0.003097	0.358	0.334				<i>PHF15</i>	5'UTR

cg11045524	9	133,320,781	0.001802	0.358	0.217					<i>ASS1</i>	5'UTR
cg27624826	2	131,010,647	7.62E-08	0.358	0.317						
cg27545367	6	30,711,644	5.68E-22	0.358	0.359					<i>IER3</i>	3'UTR
cg06341027	6	21,667,407	1.03E-20	0.358	0.307					<i>FLJ22536</i>	Body
cg14479889	5	112,073,426	0.002772	0.358	0.180					<i>APC</i>	TSS200
cg15229275	19	46,800,054	6.38E-40	0.358	0.360					<i>HIF3A</i>	TSS1500
cg01167755	5	139,284,498	6.33E-07	0.358	0.405					<i>NRG2</i>	Body
cg25344503	10	47,083,398	0.000459	0.358	0.170					<i>PPYR1</i>	TSS200
cg23634087	20	50,721,797	2E-05	0.358	0.351					<i>ZFP64</i>	Body
cg15016771	2	235,403,218	1.96E-11	0.358	0.379					<i>ARL4C</i>	3'UTR
cg03567358	11	71,050,535	7.8E-21	0.358	0.356						
cg11872300	19	42,785,225	0.000452	0.358	0.295						
cg05774229	11	76,033,097	5.55E-10	0.358	0.341						
cg22454011	18	13,611,439	1.33E-05	0.358	0.315				Yes	<i>C18orf1</i>	TSS1500
cg11309496	17	33,701,353	0.000442	0.358	0.446					<i>SLFN11</i>	TSS1500
cg13662569	4	186,577,902	4.05E-09	0.358	0.351					<i>SORBS2</i>	1stExon
cg03086235	8	10,586,796	7.08E-14	0.358	0.341					<i>SOX7</i>	Body
cg08504812	3	157,260,627	1.94E-06	0.358	0.373					<i>C3orf55</i>	TSS1500
cg11694519	11	111,783,563	3.9E-06	0.358	0.346					<i>CRYAB</i>	TSS1500
cg12601757	1	76,540,465	1.92E-05	0.358	0.348	3.15E-30	0.283			<i>ST6GALNAC3</i>	1stExon
cg02878891	2	102,090,444	0.048249	0.358	0.174					<i>RFX8</i>	5'UTR
cg07080050	12	54,413,345	4.79E-07	0.358	0.318					<i>HOXC4</i>	5'UTR
cg11670789	15	93,208,459	0.001459	0.357	0.257						
cg13350478	X	20,286,613	6.74E-25	0.357	0.343						
cg17651959	20	21,498,100	6.34E-07	0.357	0.309						
cg26757221	17	21,477,761	9.78E-08	0.357	0.334						
cg02958263	1	174,769,548	8.95E-08	0.357	0.290					<i>RABGAP1L</i>	Body
cg23506042	5	50,262,673	3.11E-13	0.357	0.322						
cg12534150	5	112,073,613	0.006243	0.357	0.211					<i>APC</i>	1stExon
cg11867546	6	29,974,810	1.09E-09	0.357	0.353					<i>HLA-J</i>	Body
cg14615768	17	8,924,093	1.28E-06	0.357	0.261					<i>NTN1</i>	TSS1500
cg01780009	17	80,944,193	5.3E-21	0.357	0.356					<i>B3GNTL1</i>	Body
cg23558337	20	10,492,394	7.44E-10	0.357	0.346					<i>C20orf94</i>	Body
cg04679712	8	25,898,839	1.72E-09	0.357	0.350					<i>EBF2</i>	Body

cg16003256	1	116,710,945	1.69E-05	0.357	0.366					
cg27579711	6	26,172,931	4.17E-07	0.357	0.398					
cg13484546	1	16,084,939	0.000193	0.357	0.408				<i>FBLIM1</i>	TSS1500
cg00192031	7	47,620,790	9.78E-15	0.357	0.296					
cg24511404	1	212,607,111	2.71E-28	0.357	0.327				<i>NENF</i>	Body
cg25019989	4	54,961,835	7.79E-16	0.357	0.351					
cg02454806	14	42,075,554	1.36E-11	0.357	0.366				<i>LRFN5</i>	TSS1500
cg19630689	14	94,984,381	2.31E-10	0.357	0.333	9.07E-21	0.253		<i>SERPINA12</i>	TSS1500
cg21532325	7	151,107,400	7.67E-05	0.357	0.369				<i>WDR86</i>	TSS1500
cg04850731	12	57,618,943	5.54E-08	0.357	0.356				<i>NXPH4</i>	Body
cg06346505	10	116,164,640	4.28E-15	0.357	0.309				<i>AFAP1L2</i>	TSS200
cg21211367	2	162,094,118	1.13E-33	0.357	0.325					
cg13550694	9	73,835	0.000233	0.357	0.378					
cg23452969	11	62,691,182	6.55E-13	0.357	0.326					
cg02298094	12	111,844,676	1.8E-18	0.357	0.341				<i>SH2B3</i>	5'UTR
cg02561912	20	50,158,202	6.69E-10	0.357	0.361				<i>NFATC2</i>	Body
cg17028443	X	3,630,086	5.97E-15	0.357	0.344				<i>PRKX</i>	Body
cg21383810	12	65,515,470	8.58E-05	0.357	0.371				<i>WIF1</i>	TSS1500
cg08881019	1	156,096,178	7.02E-24	0.357	0.358				<i>LMNA</i>	Body
cg10901633	3	4,814,459	1.78E-12	0.357	0.331				<i>ITPR1</i>	Body
cg27363327	6	43,211,208	0.034184	0.357	0.416				<i>TTBK1</i>	TSS200
cg20857709	2	43,019,727	0.014209	0.357	0.163				<i>HAAO</i>	5'UTR
cg23740652	7	157,561,925	4.88E-22	0.357	0.350				<i>PTPRN2</i>	Body
cg00299943	22	41,613,692	2.17E-24	0.357	0.347				<i>L3MBTL2</i>	Body
cg23887396	17	26,699,551	0.000249	0.357	0.248	1.15E-08	0.172		<i>SARM1</i>	Body
cg08309809	8	22,960,572	0.007245	0.357	0.263				<i>TNFRSF10C</i>	5'UTR
cg14451382	5	1,876,397	5.33E-19	0.357	0.305					
cg17221758	8	30,243,241	3.18E-10	0.357	0.298				<i>RBPMS</i>	Body
cg12783776	11	57,365,948	7.94E-13	0.357	0.335	4.5E-17	0.246		<i>SERPING1</i>	Body
cg23719318	2	20,865,651	1.69E-05	0.357	0.388				<i>GDF7</i>	TSS1500
cg01074657	1	78,511,466	0.000112	0.357	0.344				<i>GIPC2</i>	TSS200
cg16761581	14	24,803,807	0.00015	0.357	0.383	3.3E-20	0.259		<i>ADCY4</i>	1stExon
cg27268352	10	30,387,860	2.22E-10	0.357	0.393					
cg18443437	5	3,326,731	3.73E-05	0.357	0.299					

cg26986180	12	124,246,525	0.001904	0.356	0.127				<i>DNAH10</i>	TSS1500
cg23060872	2	71,205,685	0.023996	0.356	0.431				<i>ANKRD53</i>	1stExon
cg20486569	22	19,512,228	5.58E-06	0.356	0.309				<i>CLDN5</i>	1stExon
cg08815398	12	65,218,869	1.43E-24	0.356	0.336					
cg15140465	11	77,184,194	8.18E-06	0.356	0.289				<i>PAK1</i>	5'UTR
cg07732143	6	36,807,193	1.57E-12	0.356	0.341				<i>CPNE5</i>	1stExon
cg10705306	8	37,337,009	4.69E-10	0.356	0.347					
cg21511941	15	72,489,609	3.89E-22	0.356	0.317				<i>GRAMD2</i>	Body
cg23445461	5	140,864,733	9.06E-07	0.356	0.353				<i>PCDHGA4</i>	Body
cg03587557	6	31,831,553	5.02E-06	0.356	0.341				<i>NEU1</i>	TSS1500
cg09676684	11	61,062,962	3.16E-17	0.356	0.300				<i>VWCE</i>	TSS200
cg13397632	X	106,750,861	2E-08	0.356	0.391					
cg17322044	12	125,140,105	1.65E-10	0.356	0.387					
cg07128973	2	130,901,432	1.4E-20	0.356	0.372				<i>CCDC74B</i>	Body
cg13651986	2	175,548,447	8.07E-20	0.356	0.288				<i>WIPF1</i>	TSS1500
cg15951557	5	137,610,421	0.003928	0.356	0.274				<i>GFRA3</i>	TSS200
cg24686074	10	102,497,666	0.000409	0.356	0.389					
cg25683325	1	158,151,058	0.000137	0.356	0.401				<i>CD1D</i>	Body
cg23251761	1	9,750,061	2.33E-11	0.356	0.341				<i>PIK3CD</i>	5'UTR
cg05119057	14	29,255,119	0.00033	0.356	0.307				<i>C14orf23</i>	Body
cg20143092	11	35,160,330	8.15E-05	0.356	0.409	4.07E-25	0.239		<i>CD44</i>	TSS200
cg17501823	12	47,219,793	7.92E-07	0.356	0.241				<i>SLC38A4</i>	TSS200
cg09590068	12	54,400,494	1.56E-20	0.356	0.316					
cg21323637	X	153,600,494	2.9E-11	0.356	0.316				<i>FLNA</i>	5'UTR
cg26195683	5	1,667,958	6.33E-11	0.356	0.327					
cg17399362	19	15,343,345	0.010845	0.356	0.419				<i>EPHX3</i>	5'UTR
cg00491927	3	120,003,642	4.17E-07	0.356	0.291					
cg21849932	20	62,369,462	0.004499	0.356	0.366				<i>LIME1</i>	Body
cg10703826	1	119,532,116	6.76E-06	0.356	0.395				<i>TBX15</i>	1stExon
cg23497752	X	153,598,077	0.000117	0.356	0.353				<i>FLNA</i>	Body
cg04608177	20	37,230,389	1.12E-41	0.356	0.360				<i>C20orf95</i>	TSS200
cg18753440	7	63,955,786	3.09E-12	0.356	0.322					
cg07160871	2	221,969,259	0.00014	0.355	0.384					
cg11359133	2	176,948,699	0.018257	0.355	0.416				<i>EVX2</i>	TSS200



cg14539231	13	43,566,262	1.24E-05	0.355	0.357	1.54E-22	0.279		<i>EPSTI1</i>	1stExon
cg20483324	13	46,189,838	0.000268	0.355	0.394				<i>FAM194B</i>	5'UTR
cg19307528	8	74,004,928	1.11E-07	0.355	0.417				<i>C8orf84</i>	Body
cg10748765	20	3,218,905	4.03E-06	0.355	0.300				<i>SLC4A11</i>	TSS1500
cg14550611	19	41,354,682	4.74E-10	0.355	0.341				<i>CYP2A6</i>	Body
cg22774472	2	190,044,636	6.29E-11	0.355	0.352	6.15E-31	0.234		<i>COL5A2</i>	TSS200
cg00663077	4	188,916,709	3.78E-06	0.355	0.345				<i>ZFP42</i>	TSS1500
cg12100791	16	31,214,417	6.82E-21	0.355	0.285	1.32E-23	0.202		<i>PYCARD</i>	TSS200
cg22176324	1	24,648,851	7.16E-11	0.355	0.386				<i>GRHL3</i>	TSS1500
cg22719241	19	36,524,058	1.8E-08	0.355	0.316				<i>CLIP3</i>	TSS1500
cg17741501	15	29,077,493	0.000263	0.355	0.395					
cg10864074	7	100,318,194	0.017469	0.355	0.189				<i>EPO</i>	TSS1500
cg14777342	12	57,480,090	6.51E-10	0.355	0.397					
cg01283834	4	141,488,964	0.000515	0.355	0.300				<i>UCP1</i>	Body
cg02502361	9	135,117,928	1.15E-11	0.355	0.341				<i>NTNG2</i>	3'UTR
cg07017114	6	29,855,465	2.73E-13	0.355	0.365				<i>HLA-H</i>	Body
cg10677787	14	24,457,893	4.1E-12	0.355	0.328	9.63E-25	0.143		<i>DHRS4L2</i>	TSS200
cg01711160	14	85,996,499	1.15E-06	0.355	0.317				<i>FLRT2</i>	1stExon
cg13656173	9	139,002,093	1.22E-18	0.355	0.344					
cg05355225	8	86,350,568	1.48E-10	0.355	0.323				<i>CA3</i>	TSS1500
cg19300568	4	2,060,112	3.44E-05	0.355	0.236				<i>NAT8L</i>	TSS1500
cg25680628	10	30,724,274	5.14E-05	0.355	0.320				<i>MAP3K8</i>	5'UTR
cg18103730	14	88,458,917	0.000868	0.355	0.253				<i>GALC</i>	Body
cg27011480	6	30,228,083	0.002293	0.355	0.272				<i>HLA-L</i>	Body
cg02074274	21	45,178,331	1.28E-12	0.355	0.371				<i>PDXK</i>	3'UTR
cg18252616	13	22,243,392	2.39E-11	0.355	0.303					
cg05259508	12	115,124,838	6.07E-09	0.355	0.303					
cg10972873	1	200,007,592	1.42E-08	0.355	0.377				<i>NR5A2</i>	Body
cg14666564	2	177,030,228	5.98E-07	0.355	0.303				<i>HOXD3</i>	5'UTR
cg11690979	1	151,694,320	3.33E-06	0.355	0.321				<i>C1orf230</i>	Body
cg08231349	6	29,894,644	3.26E-08	0.355	0.319				<i>HCG4P6</i>	TSS1500
cg00858599	20	3,220,929	5.76E-17	0.355	0.300					
cg14035860	14	55,707,715	2.37E-10	0.355	0.357					
cg24914355	2	176,959,229	2.46E-05	0.355	0.391				<i>HOXD13</i>	Body

cg27179041	3	61,889,812	1.43E-20	0.355	0.357				<i>PTPRG</i>	Body
cg09187007	1	3,514,990	9.27E-08	0.355	0.382				<i>MEGF6</i>	Body
cg02283485	10	81,003,020	0.000443	0.355	0.309				<i>ZMIZ1</i>	Body
cg03002352	2	17,699,688	0.000946	0.355	0.368				<i>RAD51AP2</i>	1stExon
cg11511777	2	219,725,959	4.34E-33	0.355	0.351				<i>WNT6</i>	Body
cg14603098	17	32,484,259	0.000398	0.355	0.405				<i>ACCN1</i>	TSS1500
cg06385583	2	12,596,843	1.6E-05	0.354	0.371					
cg06637517	3	52,407,344	0.000004	0.354	0.361				<i>DNAH1</i>	Body
cg27172557	14	91,012,362	6.5E-22	0.354	0.334				<i>TTC7B</i>	Body
cg26761826	8	67,419,572	2.05E-17	0.354	0.380				<i>C8orf46</i>	Body
cg18695839	12	54,446,944	5.17E-08	0.354	0.294				<i>HOXC4</i>	5'UTR
cg26906273	1	39,547,881	2.94E-06	0.354	0.317				<i>MACF1</i>	5'UTR
cg03947979	6	78,176,785	2.02E-05	0.354	0.326					
cg11321459	7	18,535,263	0.000156	0.354	0.306				<i>HDAC9</i>	TSS1500
cg07119434	1	151,103,642	3.27E-06	0.354	0.307					
cg08614290	7	158,938,491	1.06E-21	0.354	0.343				<i>VIPR2</i>	TSS1500
cg16179521	15	102,009,894	9.15E-18	0.354	0.333				<i>PCSK6</i>	Body
cg07118796	3	126,892,022	1.68E-07	0.354	0.329					
cg18519308	5	33,892,621	5.14E-14	0.354	0.332				<i>ADAMTS12</i>	TSS1500
cg00700485	20	44,098,223	1.62E-06	0.354	0.237				<i>WFDC2</i>	TSS200
cg06745944	12	124,246,391	0.000163	0.354	0.144				<i>DNAH10</i>	TSS1500
cg06594281	17	73,083,692	0.000499	0.354	0.180				<i>SLC16A5</i>	TSS1500
cg26574003	1	150,186,289	0.00027	0.354	0.245					
cg26837800	1	56,842,338	3.36E-21	0.354	0.344					
cg15826897	19	15,343,373	0.000344	0.354	0.397				<i>EPHX3</i>	5'UTR
cg03854238	6	22,071,933	1.71E-24	0.354	0.317				<i>FLJ22536</i>	Body
cg24613080	17	32,484,035	7.1E-17	0.354	0.388				<i>ACCN1</i>	TSS1500
cg06498232	3	72,227,063	5E-14	0.354	0.357					
cg26998850	16	50,300,322	1.36E-18	0.354	0.334					
cg10088041	15	45,670,872	7.9E-07	0.354	0.364				<i>LOC145663</i>	TSS200
cg03940848	1	229,543,112	0.004051	0.354	0.372					
cg08780711	17	6,560,593	4.73E-07	0.354	0.362					
cg20708842	5	127,875,163	7.84E-05	0.354	0.365				<i>FBN2</i>	TSS1500
cg14226182	3	158,450,251	0.011779	0.354	0.143				<i>RARRES1</i>	5'UTR

cg01390574	7	129,425,451	4.68E-07	0.354	0.360					
cg17298973	6	2,876,494	3.82E-15	0.354	0.290					
cg06438517	1	16,861,620	1.94E-11	0.354	0.330					
cg25417766	19	52,191,468	1.03E-12	0.354	0.313					
cg17390301	11	111,250,093	0.000206	0.354	0.353				<i>POU2AF1</i>	1stExon
cg01434608	16	66,637,927	0.035352	0.354	0.116				<i>CMTM3</i>	TSS1500
cg12045337	2	171,572,714	0.019992	0.354	0.371				<i>SP5</i>	Body
cg06829830	5	80,256,087	4.24E-06	0.354	0.292				<i>RASGRF2</i>	TSS1500
cg09445472	10	7,709,962	2.47E-11	0.354	0.378				<i>ITIH5</i>	TSS1500
cg10122865	2	63,284,132	1.77E-06	0.354	0.358				<i>OTX1</i>	3'UTR
cg07976064	11	120,435,056	0.013423	0.354	0.226					
cg00494337	20	30,194,024	0.010189	0.354	0.319				<i>ID1</i>	3'UTR
cg19869037	6	116,732,515	2.9E-10	0.354	0.385				<i>DSE</i>	Body
cg12042113	15	90,039,913	6.05E-10	0.354	0.356				<i>RHCG</i>	TSS200
cg25380021	5	171,601,682	1.49E-20	0.354	0.331				<i>STK10</i>	Body
cg11445094	6	28,521,837	2.51E-07	0.354	0.362					
cg04343891	4	81,106,663	0.001218	0.354	0.344				<i>PRDM8</i>	5'UTR
cg26158950	6	21,667,166	5.2E-10	0.354	0.305				<i>FLJ22536</i>	Body
cg01111041	6	32,121,055	1.81E-15	0.354	0.351				<i>PPT2</i>	TSS1500
cg14611152	9	124,463,026	3.88E-20	0.354	0.317				<i>DAB2IP</i>	Body
cg25528916	19	4,328,818	2.2E-07	0.354	0.356				<i>STAP2</i>	Body
cg12710510	12	3,862,497	0.036062	0.354	0.222				<i>EFCAB4B</i>	TSS200
cg12638737	1	204,120,607	1.52E-11	0.353	0.279				<i>ETNK2</i>	Body
cg22877509	1	155,290,607	1.78E-05	0.353	0.337				<i>RUSC1</i>	TSS200
cg17918002	10	28,035,719	4.72E-13	0.353	0.378				<i>MKX</i>	TSS1500
cg25440893	15	35,091,802	1.96E-15	0.353	0.281					
cg25236484	X	51,139,247	0.020496	0.353	0.368					
cg14817655	4	188,916,724	3.68E-08	0.353	0.321				<i>ZFP42</i>	TSS200
cg19997502	2	208,492,057	0.002578	0.353	0.366					
cg20543681	20	642,673	5.05E-07	0.353	0.354				<i>SCRT2</i>	3'UTR
cg02022733	5	140,864,578	1.01E-09	0.353	0.346				<i>PCDHGA4</i>	Body
cg10032668	4	187,065,417	1.66E-07	0.353	0.247				<i>FAM149A</i>	TSS1500
cg09397246	15	91,427,361	2.12E-15	0.353	0.349				<i>FES</i>	TSS1500
cg07014523	20	50,721,313	2.32E-15	0.353	0.353				<i>ZFP64</i>	Body

cg10882304	10	123,923,099	3.47E-31	0.353	0.354				<i>TACC2</i>	Body
cg05963821	3	115,377,939	0.002977	0.353	0.267				<i>GAP43</i>	Body
cg03962527	10	111,766,879	7.07E-17	0.353	0.344				<i>ADD3</i>	5'UTR
cg20485874	7	102,553,437	1.28E-31	0.353	0.324				<i>LRRRC17</i>	5'UTR
cg08269389	1	181,074,009	0.008348	0.353	0.132					
cg27569446	3	50,378,431	1.83E-07	0.353	0.343				<i>RASSF1</i>	TSS200
cg03280622	8	145,023,013	2E-10	0.353	0.307				<i>PLEC1</i>	Body
cg12242450	6	10,555,808	1.58E-06	0.353	0.361				<i>GCNT2</i>	TSS200
cg14776321	10	27,220,441	7.23E-08	0.353	0.325				<i>NCRNA00202</i>	Body
cg16529477	2	223,164,854	2.64E-05	0.353	0.387				<i>PAX3</i>	TSS1500
cg09501687	5	150,169,781	3.87E-19	0.353	0.350				<i>C5orf62</i>	Body
cg14663177	2	38,373,737	2.3E-07	0.353	0.344				<i>C2orf58</i>	Body
cg13331550	1	151,118,416	5.03E-09	0.353	0.332				<i>SEMA6C</i>	5'UTR
cg07113642	20	2,781,262	0.004529	0.353	0.226				<i>CPXM1</i>	5'UTR
cg01749491	2	176,948,693	0.025036	0.353	0.432				<i>EVX2</i>	TSS200
cg01647632	15	89,438,905	1.29E-77	0.353	0.333				<i>HAPLN3</i>	TSS200
cg12739419	7	116,140,593	1.31E-40	0.353	0.322				<i>CAV2</i>	Body
cg00257296	12	120,799,373	1.19E-24	0.353	0.341				<i>MSI1</i>	Body
cg22230604	1	119,870,287	5.12E-05	0.353	0.250					
cg19596273	10	30,724,086	0.000114	0.353	0.283				<i>MAP3K8</i>	5'UTR
cg00097146	2	45,171,818	1.23E-07	0.353	0.340				<i>SIX3</i>	Body
cg02990368	1	204,120,649	6.15E-11	0.353	0.288				<i>ETNK2</i>	Body
cg09556700	1	2,230,668	3.21E-15	0.353	0.367				<i>SKI</i>	Body
cg21927177	14	65,172,436	3.02E-26	0.353	0.355				<i>PLEKHG3</i>	5'UTR
cg13511752	10	74,094,697	1.77E-14	0.353	0.315				<i>DNAJB12</i>	3'UTR
cg05194726	12	2,944,480	2.08E-06	0.353	0.212	5.51E-12	0.214		<i>NRIP2</i>	TSS1500
cg27182047	1	110,199,061	1.9E-08	0.353	0.346				<i>GSTM4</i>	Body
cg07599133	19	35,068,628	3.04E-11	0.353	0.327				<i>LOC643719</i>	TSS200
cg02453146	1	53,068,587	4.41E-09	0.353	0.251				<i>GPX7</i>	Body
cg00388391	1	18,459,578	1.53E-07	0.353	0.286				<i>IGSF21</i>	Body
cg13800209	15	37,390,284	0.02199	0.353	0.429				<i>MEIS2</i>	1stExon
cg11795854	5	72,598,965	9.77E-05	0.353	0.338					
cg10065823	9	96,108,467	8.11E-09	0.352	0.340				<i>C9orf129</i>	1stExon
cg04042468	22	43,506,033	2.92E-15	0.352	0.315				<i>BIK</i>	TSS1500

cg23515702	2	206,673,425	7.84E-36	0.352	0.347					
cg01861913	3	61,550,569	6.34E-23	0.352	0.339				<i>PTPRG</i>	Body
cg16173191	4	82,135,607	6.25E-05	0.352	0.272					
cg26150462	10	11,206,868	5.91E-05	0.352	0.171				<i>CUGBP2</i>	TSS200
cg15143037	7	75,639,754	1.16E-29	0.352	0.348				<i>STYXL1</i>	Body
cg11202265	7	158,362,907	4.04E-15	0.352	0.347				<i>PTPRN2</i>	Body
cg02388378	16	54,968,727	0.00113	0.352	0.421					
cg09938227	1	156,390,124	1.92E-11	0.352	0.374				<i>C1orf61</i>	5'UTR
cg14527439	7	158,266,198	4.57E-23	0.352	0.348				<i>PTPRN2</i>	Body
cg14470895	5	115,152,431	0.002236	0.352	0.191				<i>CDO1</i>	TSS200
cg02681842	8	145,033,310	1.5E-13	0.352	0.344				<i>PLEC1</i>	Body
cg13081720	5	150,399,890	4.04E-05	0.352	0.191				<i>GPX3</i>	TSS200
cg10953487	6	44,529,157	7.31E-14	0.352	0.302					
cg27641076	11	62,211,788	2.72E-22	0.352	0.333				<i>AHNAK</i>	Body
cg03563630	20	37,435,477	8.44E-09	0.352	0.323				<i>PPP1R16B</i>	5'UTR
cg10903903	6	27,647,843	0.018644	0.352	0.369					
cg18081258	14	21,494,161	3.27E-26	0.352	0.337	1.56E-20	0.223		<i>NDRG2</i>	TSS1500
cg08249424	6	4,775,222	8.38E-07	0.352	0.268				<i>CDYL</i>	TSS1500
cg10866060	12	83,592,588	2.21E-17	0.352	0.370					
cg17305266	6	1,391,265	0.002042	0.352	0.358				<i>FOXF2</i>	1stExon
cg18507379	5	140,787,507	0.011127	0.352	0.469				<i>PCDHGA4</i>	Body
cg05003322	1	32,169,706	9.58E-12	0.352	0.319				<i>COL16A1</i>	1stExon
cg01054354	15	100,272,751	2.42E-24	0.352	0.328				<i>LYSMD4</i>	5'UTR
cg25266629	10	102,894,148	6.84E-05	0.352	0.349				<i>TLX1</i>	Body
cg19111999	10	17,270,087	8.1E-07	0.352	0.328				<i>VIM</i>	TSS200
cg27554954	15	60,691,595	6.82E-28	0.352	0.346				<i>ANXA2</i>	TSS1500
cg24661595	11	70,456,848	1.23E-29	0.352	0.349				<i>SHANK2</i>	Body
cg24013620	8	144,798,688	4.07E-15	0.352	0.355				<i>MAPK15</i>	Body
cg16955889	3	181,445,647	0.000118	0.352	0.333				<i>SOX2OT</i>	Body
cg09820244	1	54,790,722	7.32E-23	0.352	0.341				<i>SSBP3</i>	Body
cg24725263	12	56,101,328	5.59E-24	0.352	0.312			Yes	<i>ITGA7</i>	1stExon
cg12441967	22	17,602,561	6.49E-16	0.352	0.283				<i>CECR6</i>	TSS1500
cg17017670	X	68,525,613	7.55E-07	0.352	0.329					
cg25913233	5	151,066,683	2.8E-21	0.352	0.334	6.09E-22	0.223		<i>SPARC</i>	TSS200

cg23483765	5	156,886,996	0.001708	0.352	0.235				<i>NIPAL4</i>	TSS200
cg08135379	12	47,474,763	2.51E-05	0.352	0.337				<i>AMIGO2</i>	TSS1500
cg02063759	1	119,543,295	8.92E-08	0.352	0.304					
cg23752752	7	4,778,908	2.25E-32	0.352	0.335				<i>FOXK1</i>	Body
cg07660671	8	10,586,967	6.01E-14	0.351	0.305				<i>SOX7</i>	Body
cg25905674	17	43,047,856	0.028222	0.351	0.287					
cg13696283	13	74,707,153	2.38E-05	0.351	0.398				<i>KLF12</i>	5'UTR
cg14913695	22	50,449,520	1.54E-23	0.351	0.342				<i>IL17REL</i>	5'UTR
cg10983208	10	73,848,320	4.67E-07	0.351	0.210	4.27E-11	0.163		<i>SPOCK2</i>	5'UTR
cg19915711	13	43,566,421	0.000311	0.351	0.347				<i>EPSTI1</i>	TSS200
cg03970036	2	220,174,232	0.000343	0.351	0.441				<i>PTPRN</i>	TSS200
cg21739934	11	116,371,391	7.63E-07	0.351	0.289					
cg27647152	20	3,220,985	9.62E-24	0.351	0.318					
cg07605211	1	223,538,359	0.00115	0.351	0.183				<i>SUSD4</i>	TSS1500
cg07891473	3	64,670,640	3.44E-07	0.351	0.269				<i>ADAMTS9</i>	Body
cg07848310	5	43,603,786	0.018757	0.351	0.200				<i>NNT</i>	5'UTR
cg11152302	14	24,867,472	7.37E-33	0.351	0.336				<i>NYNRIN</i>	TSS1500
cg07688604	12	133,065,928	0.002783	0.351	0.273				<i>FBRSL1</i>	TSS1500
cg27422722	6	28,574,662	0.000779	0.351	0.303					
cg19045644	4	57,976,756	0.022431	0.351	0.377				<i>IGFBP7</i>	TSS1500
cg13879495	22	22,005,669	2.32E-09	0.351	0.281					
cg22341310	19	48,048,583	7.38E-14	0.351	0.349	6.23E-18	0.224		<i>ZNF541</i>	Body
cg06145435	7	1,022,769	4.39E-20	0.351	0.324				<i>CYP2W1</i>	TSS200
cg19466563	4	88,450,506	2.21E-21	0.351	0.333	1.12E-27	0.236		<i>SPARCL1</i>	1stExon
cg22616881	7	96,642,096	3.95E-08	0.351	0.368				<i>DLX6AS</i>	Body
cg18328206	1	206,681,378	0.006182	0.351	0.347				<i>RASSF5</i>	1stExon
cg24865779	21	34,775,042	0.005947	0.351	0.200				<i>IFNGR2</i>	TSS200
cg21429394	12	100,750,899	4.79E-09	0.351	0.290				<i>SLC17A8</i>	1stExon
cg19647813	13	96,296,144	1.82E-06	0.351	0.353				<i>DZIP1</i>	5'UTR
cg22855020	8	42,356,731	5.77E-16	0.351	0.347				<i>SLC20A2</i>	5'UTR
cg09407917	X	130,192,151	8.72E-05	0.351	0.324				<i>FLJ30058</i>	TSS200
cg22645427	20	25,129,520	1.12E-08	0.351	0.300				<i>LOC284798</i>	TSS1500
cg19544662	2	88,752,056	0.016403	0.351	0.167				<i>FOXI3</i>	TSS200
cg08314603	12	81,471,311	1.15E-08	0.351	0.317				<i>ACSS3</i>	TSS1500

cg22535307	15	48,938,370	0.004042	0.351	0.168				<i>FBN1</i>	TSS1500
cg09382127	5	3,592,466	4.01E-11	0.351	0.365					
cg15233062	12	54,447,349	3.98E-06	0.351	0.352				<i>HOXC4</i>	5'UTR
cg25837803	1	186,649,909	0.007882	0.351	0.309				<i>PTGS2</i>	TSS1500
cg02503159	6	5,026,324	0.018534	0.351	0.371					
cg01047613	20	31,446,682	4.49E-10	0.351	0.360				<i>EFCAB8</i>	TSS200
cg01029638	7	120,628,874	6.64E-05	0.351	0.287				<i>C7orf58</i>	TSS1500
cg25185173	4	154,712,580	0.003285	0.351	0.452					
cg03762694	6	134,499,419	1.81E-11	0.351	0.360				<i>SGK1</i>	Body
cg08714753	11	35,639,590	4.58E-09	0.350	0.275				<i>FJX1</i>	TSS200
cg10106804	1	35,258,594	0.000612	0.350	0.357				<i>GJA4</i>	TSS200
cg21490980	12	103,311,138	0.002304	0.350	0.190				<i>PAH</i>	5'UTR
cg00764109	1	114,697,582	1.29E-06	0.350	0.326				<i>SYT6</i>	TSS1500
cg01297808	10	94,180,551	2.61E-10	0.350	0.294					
cg08260891	20	44,518,802	3.68E-11	0.350	0.232	2.54E-10	0.163		<i>CTSA</i>	TSS1500
cg26607337	5	145,758,881	2.65E-22	0.350	0.328					
cg27223047	5	127,874,825	0.000165	0.350	0.380	4.92E-32	0.300		<i>FBN2</i>	TSS1500
cg19309616	1	41,851,836	1.16E-20	0.350	0.338					
cg00221185	6	30,652,268	9.52E-12	0.350	0.370				<i>KIAA1949</i>	Body
cg10391212	4	47,840,136	1.99E-08	0.350	0.316				<i>CORIN</i>	TSS200
cg16587010	3	58,523,130	3.07E-32	0.350	0.354				<i>ACOX2</i>	TSS1500
cg23274561	1	156,084,271	4.88E-22	0.350	0.313				<i>LMNA</i>	TSS200
cg23391107	17	45,924,227	1.8E-06	0.350	0.309				<i>SP6</i>	3'UTR
cg18334392	5	9,547,825	4.65E-06	0.350	0.318				<i>SNORD123</i>	TSS1500
cg17450733	12	45,443,875	2.45E-32	0.350	0.330				<i>DBX2</i>	Body
cg14164044	15	89,952,135	4.41E-09	0.350	0.367					
cg14196395	2	71,823,517	1.24E-07	0.350	0.265				<i>DYSF</i>	Body
cg17101450	10	102,900,365	0.000217	0.350	0.323					
cg24896649	4	188,916,726	2.51E-08	0.350	0.307				<i>ZFP42</i>	TSS200
cg22233512	17	55,543,388	6.49E-22	0.350	0.336				<i>MSI2</i>	Body
cg20066496	15	43,213,993	0.000244	0.350	0.183				<i>TTBK2</i>	TSS1500
cg21655480	X	21,677,052	1.08E-07	0.350	0.302	8.5E-16	0.194		<i>KLHL34</i>	TSS1500
cg16231923	15	73,923,634	1.69E-08	0.350	0.321				<i>NPTN</i>	Body
cg06568535	3	29,323,042	5.08E-06	0.350	0.379				<i>RBMS3</i>	1stExon

cg24862743	19	2,719,889	2.32E-22	0.350	0.365				<i>DIRAS1</i>	5'UTR
cg26579601	10	30,724,020	7.01E-05	0.350	0.274				<i>MAP3K8</i>	5'UTR
cg12169365	14	92,979,709	5.31E-07	0.350	0.265				<i>RIN3</i>	TSS1500
cg05315321	14	68,844,276	1.5E-14	0.350	0.353				<i>RAD51L1</i>	Body
cg10512203	1	40,780,905	9.07E-16	0.350	0.327				<i>COL9A2</i>	Body
cg25293325	17	873,413	2.16E-17	0.350	0.336				<i>NXN</i>	Body
cg08059845	19	50,015,975	0.000134	0.349	0.266				<i>FCGRT</i>	5'UTR
cg15132565	5	72,740,154	0.003141	0.349	0.312					
cg11986813	10	43,429,144	0.001399	0.349	0.404					
cg12126901	1	61,623,366	2.98E-11	0.349	0.351				<i>NFIA</i>	Body
cg07686872	7	156,794,879	3.44E-09	0.349	0.362					
cg01906944	20	45,439,769	7.39E-21	0.349	0.344					
cg26924440	1	19,276,353	5.68E-34	0.349	0.331				<i>IFFO2</i>	Body
cg09127400	6	30,712,331	0.002309	0.349	0.349				<i>IER3</i>	TSS200
cg23189044	11	74,178,114	8.19E-05	0.349	0.270	6.12E-09	0.163		<i>KCNE3</i>	5'UTR
cg09465698	5	140,787,623	2.03E-07	0.349	0.413				<i>PCDHGA4</i>	Body
cg14136420	9	128,728,906	2.15E-22	0.349	0.307				<i>PBX3</i>	Body
cg19769827	1	203,259,772	0.013101	0.349	0.172					
cg14102988	9	113,801,337	5.69E-06	0.349	0.263				<i>LPAR1</i>	TSS1500
cg15447787	15	29,967,531	4.73E-32	0.349	0.325					
cg15608277	12	53,184,086	7.86E-06	0.349	0.410				<i>KRT3</i>	Body
cg23561979	2	42,329,535	6.78E-05	0.349	0.364					
cg13279244	7	20,838,581	1.43E-05	0.349	0.289					
cg03864000	11	111,411,381	5.77E-05	0.349	0.330				<i>LAYN</i>	5'UTR
cg20634514	1	44,703,750	3.14E-24	0.349	0.353				<i>ERI3</i>	Body
cg25154801	8	41,655,826	2.04E-10	0.349	0.297				<i>ANK1</i>	TSS1500
cg08229358	1	179,544,765	1.43E-16	0.349	0.319				<i>NPHS2</i>	1stExon
cg10375890	1	50,892,511	0.005611	0.349	0.421					
cg19074496	2	220,117,868	0.000292	0.349	0.403				<i>TUBA4B</i>	TSS200
cg14999001	7	45,197,441	0.003738	0.349	0.217				<i>RAMP3</i>	1stExon
cg05745631	6	30,095,178	3.68E-35	0.349	0.348					
cg10608596	19	11,785,125	2.79E-12	0.349	0.324				<i>ZNF833</i>	Body
cg11394785	5	179,221,090	3.95E-34	0.349	0.330	6.79E-23	0.179		<i>LTC4S</i>	1stExon
cg18919225	12	103,311,494	0.000548	0.349	0.184				<i>PAH</i>	TSS200



cg15797110	7	27,196,314	2.48E-06	0.349	0.354				<i>HOXA7</i>	TSS200
cg01791587	1	110,693,985	1.82E-26	0.349	0.347				<i>SLC6A17</i>	5'UTR
cg26268276	11	33,038,313	1.03E-17	0.349	0.368				<i>DEPDC7</i>	Body
cg24467291	12	122,907,814	3.11E-16	0.349	0.334	2.71E-33	0.264		<i>CLIP1</i>	TSS1500
cg16032894	11	30,605,411	1.71E-14	0.349	0.306				<i>MPPED2</i>	5'UTR
cg13337731	7	73,011,308	4.16E-07	0.349	0.379				<i>MLXIPL</i>	Body
cg17347389	14	51,562,646	0.000787	0.349	0.233	1.5E-11	0.115		<i>TRIM9</i>	TSS1500
cg18107232	13	95,620,997	2.87E-06	0.349	0.331					
cg00727630	20	50,721,366	5.97E-11	0.349	0.337				<i>ZFP64</i>	Body
cg06264679	6	32,121,433	3.9E-23	0.349	0.318				<i>PPT2</i>	Body
cg10804678	3	72,788,309	5.05E-06	0.349	0.255					
cg24595606	6	108,492,358	6.07E-07	0.349	0.360				<i>NR2E1</i>	Body
cg12298268	3	139,257,866	7.67E-10	0.349	0.351				<i>RBP1</i>	Body
cg06329684	4	140,187,743	1.17E-08	0.349	0.348				<i>C4orf49</i>	3'UTR
cg18783429	5	92,414,398	1.05E-10	0.349	0.279					
cg08965235	11	65,325,158	4.9E-05	0.348	0.252	1.81E-37	0.278		<i>LTBP3</i>	1stExon
cg19034038	12	45,443,996	1.67E-27	0.348	0.313				<i>DBX2</i>	Body
cg04108939	1	45,250,181	0.013784	0.348	0.401				<i>BEST4</i>	Body
cg18454685	17	48,639,239	5.43E-07	0.348	0.323	1.12E-24	0.227		<i>CACNA1G</i>	Body
cg13763783	10	95,517,562	2.41E-06	0.348	0.395				<i>LGI1</i>	TSS200
cg16335762	16	66,637,919	0.016261	0.348	0.122	5.23E-10	0.151		<i>CMTM3</i>	TSS1500
cg09704750	21	27,011,139	2.02E-07	0.348	0.383				<i>JAM2</i>	TSS1500
cg13337949	6	30,711,586	1.71E-26	0.348	0.331				<i>IER3</i>	3'UTR
cg00031256	6	2,842,255	4.29E-06	0.348	0.336				<i>SERPINB1</i>	TSS200
cg09671837	7	143,582,308	5.2E-16	0.348	0.334				<i>FAM115A</i>	5'UTR
cg13453424	9	98,260,248	1.51E-24	0.348	0.349				<i>PTCH1</i>	5'UTR
cg00363080	10	1,454,292	1.7E-24	0.348	0.320				<i>ADARB2</i>	Body
cg00169617	3	87,138,700	0.000281	0.348	0.219					
cg25792593	19	8,559,219	6.04E-25	0.348	0.327				<i>PRAM1</i>	Body
cg15182643	5	38,257,516	9.56E-15	0.348	0.326				<i>EGFLAM</i>	TSS1500
cg10712623	3	25,469,577	6.37E-14	0.348	0.318	3.77E-18	0.129		<i>RARB</i>	TSS1500
cg24335070	2	179,914,864	2.12E-08	0.348	0.322					
cg14039306	4	4,862,240	2E-09	0.348	0.333				<i>MSX1</i>	Body
cg11756095	1	32,410,614	2.67E-06	0.348	0.358					

cg04636402	5	139,284,774	4.73E-39	0.348	0.341				<i>NRG2</i>	Body
cg11709405	1	24,649,398	3.96E-15	0.348	0.365				<i>GRHL3</i>	TSS200
cg25433316	2	10,197,543	1.59E-05	0.348	0.206				<i>CYS1</i>	3'UTR
cg20219035	12	14,720,858	3.83E-07	0.348	0.230				<i>PLBD1</i>	TSS200
cg19906093	2	191,045,697	3.3E-12	0.348	0.330				<i>C2orf88</i>	5'UTR
cg17480760	8	86,350,889	2.7E-06	0.348	0.356				<i>CA3</i>	TSS200
cg18141830	6	137,242,085	7.85E-09	0.348	0.373				<i>SLC35D3</i>	TSS1500
cg10277365	X	49,022,793	1.14E-09	0.348	0.305				<i>MAGIX</i>	3'UTR
cg02394955	10	47,083,426	0.000373	0.348	0.179				<i>PPYR1</i>	TSS200
cg19929126	7	28,998,195	0.008037	0.348	0.244				<i>TRIL</i>	TSS200
cg12055515	2	66,735,203	2.13E-19	0.348	0.320				<i>MEIS1</i>	Body
cg26296894	3	20,183,665	1.32E-23	0.348	0.344				<i>KAT2B</i>	Body
cg12926938	8	93,114,150	0.000181	0.348	0.374					
cg24393055	5	141,705,521	4.58E-07	0.348	0.247				<i>SPRY4</i>	TSS1500
cg24935217	11	34,517,699	5.93E-16	0.348	0.371				<i>ELF5</i>	Body
cg17165580	1	156,676,581	0.000203	0.348	0.335				<i>CRABP2</i>	TSS1500
cg05870108	X	106,749,745	1.9E-46	0.348	0.352					
cg22396555	13	28,502,461	3.31E-09	0.348	0.340					
cg04691781	16	89,668,842	5.72E-11	0.348	0.303					
cg10024587	10	105,211,753	3.22E-07	0.348	0.297				<i>CALHM2</i>	5'UTR
cg20443254	12	108,169,020	1.03E-06	0.348	0.282				<i>ASCL4</i>	1stExon
cg25767345	18	54,788,969	2.64E-12	0.348	0.318					
cg08940787	17	62,777,648	0.000468	0.348	0.259				<i>LOC146880</i>	Body
cg11142705	3	42,306,974	0.000153	0.348	0.379				<i>CCK</i>	TSS1500
cg22911898	11	94,473,405	2.82E-11	0.348	0.269					
cg26560222	1	50,888,826	0.000117	0.348	0.358				<i>DMRTA2</i>	1stExon
cg16304521	14	22,191,827	6.3E-12	0.348	0.338					
cg27090201	5	134,914,717	0.002025	0.348	0.304				<i>CXCL14</i>	5'UTR
cg02043994	6	15,244,878	8.65E-13	0.348	0.304					
cg19059495	6	30,095,495	1.32E-15	0.347	0.319					
cg21645554	11	111,169,473	3.25E-26	0.347	0.350				<i>C11orf93</i>	TSS1500
cg10236452	1	208,132,590	0.001196	0.347	0.335					
cg09435929	8	86,350,913	0.001252	0.347	0.341				<i>CA3</i>	TSS200
cg17764549	7	158,287,907	2.47E-22	0.347	0.332				<i>PTPRN2</i>	Body

cg02786012	4	57,371,589	4.49E-05	0.347	0.348				<i>ARL9</i>	5'UTR
cg15750501	2	123,419,027	7.16E-25	0.347	0.351					
cg24634333	6	111,887,834	2.64E-22	0.347	0.355				<i>TRAF3IP2</i>	Body
cg02622316	6	28,367,410	1.25E-05	0.347	0.303	6.74E-25	0.256		<i>ZSCAN12</i>	Body
cg21389753	17	59,480,674	3.84E-11	0.347	0.344				<i>TBX2</i>	Body
cg04003500	9	71,788,759	9.93E-24	0.347	0.355				<i>TJP2</i>	TSS1500
cg22418737	7	139,930,066	0.000213	0.347	0.233					
cg22136365	16	71,611,043	5.54E-21	0.347	0.340	1.1E-25	0.265		<i>TAT</i>	TSS200
cg14380270	17	33,700,747	0.00471	0.347	0.391				<i>SLFN11</i>	TSS200
cg01682504	12	57,620,607	6.55E-07	0.347	0.382					
cg16796458	16	85,254,655	2.4E-21	0.347	0.342					
cg25334934	2	121,269,348	2.33E-14	0.347	0.345					
cg12081743	7	18,535,499	6.31E-05	0.347	0.325				<i>HDAC9</i>	TSS1500
cg02174092	10	43,846,539	0.01226	0.347	0.197					
cg19788186	21	39,669,558	1.22E-15	0.347	0.317				<i>KCNJ15</i>	5'UTR
cg17199325	14	23,821,229	6.47E-15	0.347	0.299				<i>SLC22A17</i>	Body
cg03117976	18	11,149,435	0.006172	0.347	0.369				<i>FAM38B</i>	TSS1500
cg13476133	7	44,185,646	0.001557	0.347	0.369				<i>GCK</i>	Body
cg04555220	5	9,546,695	1.09E-07	0.347	0.294				<i>SEMA5A</i>	TSS1500
cg01406988	2	66,662,810	6.03E-05	0.347	0.395				<i>MEIS1</i>	5'UTR
cg17285883	1	17,896,290	1.21E-18	0.347	0.342				<i>ARHGEF10L</i>	5'UTR
cg26713109	17	754,463	8.47E-15	0.347	0.320				<i>NXN</i>	Body
cg02659086	11	67,350,976	0.002026	0.347	0.337				<i>GSTP1</i>	TSS200
cg26196385	5	113,392,117	3.23E-26	0.347	0.341					
cg11770080	5	78,408,179	4.37E-09	0.347	0.344				<i>BHMT</i>	Body
cg16425038	14	24,641,194	1.83E-11	0.347	0.352				<i>REC8</i>	TSS200
cg27539986	1	6,664,103	1.16E-20	0.347	0.337				<i>KLHL21</i>	TSS1500
cg07266404	12	54,447,584	1.9E-05	0.347	0.275				<i>HOXC4</i>	5'UTR
cg05079548	7	128,337,621	2.41E-06	0.347	0.274					
cg11536474	2	63,286,049	1.8E-06	0.347	0.335					
cg19057001	5	150,538,165	4.83E-21	0.347	0.319				<i>ANXA6</i>	TSS1500
cg13887205	5	139,525,946	1.75E-14	0.347	0.332					
cg24676120	12	102,821,557	1.02E-20	0.346	0.325				<i>IGF1</i>	Body
cg00165323	1	70,035,080	0.000682	0.346	0.314					

cg24115232	5	1,243,907	3.19E-18	0.346	0.365				<i>SLC6A18</i>	Body
cg23425970	2	129,076,394	0.009268	0.346	0.288				<i>HS6ST1</i>	TSS1500
cg06492744	11	65,406,254	1.4E-13	0.346	0.321				<i>SIPA1</i>	5'UTR
cg20134598	X	54,947,308	1.2E-08	0.346	0.381				<i>TRO</i>	5'UTR
cg02076598	22	25,423,801	2.78E-19	0.346	0.339				<i>KIAA1671</i>	TSS200
cg17822706	19	18,415,538	6.93E-26	0.346	0.338					
cg12379948	17	44,896,424	0.003322	0.346	0.416				<i>WNT3</i>	TSS1500
cg26311610	7	73,593,138	3.3E-24	0.346	0.364				<i>EIF4H</i>	Body
cg03046886	1	18,869,151	3.02E-25	0.346	0.326					
cg06592987	7	149,112,142	1.02E-07	0.346	0.347					
cg12136950	1	226,849,798	2.42E-14	0.346	0.357				<i>ITPKB</i>	Body
cg25374649	18	13,611,400	0.000207	0.346	0.318				<i>C18orf1</i>	TSS1500
cg10502231	1	224,363,449	1.94E-26	0.346	0.357					
cg24091270	6	29,894,908	0.00163	0.346	0.360				<i>HCG4P6</i>	TSS1500
cg02579022	5	137,828,267	1.88E-06	0.346	0.315					
cg20295992	6	108,440,280	0.001366	0.346	0.365					
cg26435178	10	73,848,458	3.14E-19	0.346	0.286				<i>SPOCK2</i>	5'UTR
cg20014398	11	31,825,792	0.003572	0.346	0.320				<i>PAX6</i>	Body
cg23089272	15	39,985,431	1.65E-08	0.346	0.331				<i>FSIP1</i>	Body
cg06040206	2	172,961,280	0.014515	0.346	0.217					
cg20927661	2	5,837,002	0.002938	0.346	0.318				<i>SOX11</i>	3'UTR
cg06692785	1	180,882,681	7.49E-20	0.346	0.366				<i>KIAA1614</i>	Body
cg06263461	20	45,280,237	1.83E-15	0.346	0.338				<i>SLC13A3</i>	TSS200
cg13104713	1	46,632,811	7.32E-10	0.346	0.367					
cg25608973	2	21,022,431	0.002403	0.346	0.336				<i>C2orf43</i>	5'UTR
cg00809863	1	15,251,881	4.85E-16	0.346	0.304				<i>KIAA1026</i>	Body
cg23168425	7	157,561,848	7.29E-13	0.346	0.342				<i>PTPRN2</i>	Body
cg18343437	8	142,528,415	1.24E-14	0.346	0.350					
cg21091128	14	104,583,799	9.03E-14	0.346	0.312				<i>MIR203</i>	Body
cg16517394	1	173,176,362	1.78E-14	0.346	0.343	2.03E-15	0.238		<i>TNFSF4</i>	5'UTR
cg03741406	1	40,255,103	0.000328	0.346	0.256				<i>BMP8B</i>	TSS1500
cg09846875	7	143,582,630	1.37E-16	0.346	0.344				<i>FAM115A</i>	5'UTR
cg10462187	10	124,067,402	1.25E-15	0.346	0.362				<i>BTBD16</i>	Body
cg03575641	7	128,809,442	3.91E-06	0.345	0.325					

cg18536496	X	101,906,035	0.002254	0.345	0.385				<i>GPRASP1</i>	TSS1500
cg08794940	6	30,711,073	3.31E-05	0.345	0.243				<i>IER3</i>	3'UTR
cg03122624	2	56,150,341	1.48E-14	0.345	0.306				<i>EFEMP1</i>	1stExon
cg25865108	6	45,559,104	1.48E-23	0.345	0.316					
cg25670330	3	138,665,984	0.034284	0.345	0.277				<i>FOXL2</i>	TSS200
cg20457732	1	71,172,486	1.36E-05	0.345	0.271					
cg14578894	4	87,281,511	2.72E-09	0.345	0.350				<i>MAPK10</i>	TSS200
cg16483725	5	122,621,240	0.001104	0.345	0.340					
cg27056119	6	2,842,239	4.57E-05	0.345	0.337	4.62E-21	0.258		<i>SERPINB1</i>	TSS200
cg10633526	3	13,560,246	7.45E-18	0.345	0.333					
cg07984133	13	28,544,592	1.54E-05	0.345	0.307				<i>CDX2</i>	TSS1500
cg24519146	6	33,160,318	0.004267	0.345	0.303				<i>COL11A2</i>	TSS200
cg16519192	12	116,037,126	1.9E-06	0.345	0.294					
cg22290648	19	39,694,709	2.35E-05	0.345	0.308				<i>SYCN</i>	1stExon
cg11648594	1	1,566,860	0.00021	0.345	0.378				<i>MMP23A</i>	TSS1500
cg01287975	7	97,361,241	2.47E-07	0.345	0.303				<i>TAC1</i>	TSS200
cg01597387	14	24,458,208	1.82E-07	0.345	0.340				<i>DHRS4L2</i>	1stExon
cg19204958	10	415,937	2.94E-28	0.345	0.331				<i>DIP2C</i>	Body
cg08588180	6	25,138,905	0.000644	0.345	0.257				<i>CMAH</i>	TSS1500
cg02599716	2	10,231,486	4.37E-05	0.345	0.316					
cg17926950	19	13,983,613	5.76E-06	0.345	0.415					
cg14973798	1	171,723,758	2.21E-14	0.345	0.327					
cg01308913	X	25,040,907	0.001202	0.345	0.385					
cg02280532	2	160,761,244	3.9E-08	0.345	0.283				<i>LY75</i>	5'UTR
cg02589791	7	63,955,666	2.41E-29	0.345	0.321					
cg01383955	22	42,828,447	1.7E-19	0.345	0.331				<i>NFAM1</i>	TSS200
cg00456651	1	31,380,425	4.64E-24	0.345	0.341				<i>SDC3</i>	Body
cg11626007	20	43,743,835	6.87E-11	0.345	0.332				<i>WFDC5</i>	TSS200
cg08340755	20	30,176,106	2.59E-14	0.345	0.301					
cg07703462	7	149,487,338	0.002755	0.345	0.262				<i>SSPO</i>	Body
cg09668030	1	27,852,173	2.15E-17	0.345	0.333					
cg05890620	19	10,397,612	3.74E-10	0.345	0.339				<i>ICAM4</i>	TSS200
cg03513363	20	30,458,745	1.17E-08	0.345	0.289	1.27E-33	0.216		<i>TTL9</i>	5'UTR
cg21461649	7	117,119,938	1.73E-06	0.345	0.329				<i>CFTR</i>	TSS200

cg04737881	4	183,060,943	1.81E-14	0.345	0.327				<i>MGC45800</i>	Body
cg04066019	3	16,554,466	0.019609	0.345	0.410				<i>RFTN1</i>	5'UTR
cg26187876	2	191,514,902	0.000505	0.344	0.177				<i>NAB1</i>	5'UTR
cg03940047	20	62,120,117	1.79E-17	0.344	0.315				<i>EEF1A2</i>	Body
cg08318283	15	73,611,202	4.72E-06	0.344	0.276					
cg14381919	11	12,701,969	0.001993	0.344	0.351				<i>TEAD1</i>	5'UTR
cg03714619	2	45,160,445	4.87E-06	0.344	0.356					
cg22175814	17	71,739,339	2.95E-05	0.344	0.272					
cg02144933	2	201,450,690	0.000122	0.344	0.319	2.77E-23	0.326		<i>AOX1</i>	TSS200
cg11846236	3	48,632,568	2.8E-06	0.344	0.327	2.19E-25	0.242		<i>COL7A1</i>	1stExon
cg17199320	1	231,177,008	0.000313	0.344	0.343				<i>FAM89A</i>	TSS1500
cg18279326	10	102,475,324	3.4E-14	0.344	0.341					
cg03096126	18	56,531,159	0.00019	0.344	0.197				<i>ZNF532</i>	5'UTR
cg23018117	7	150,413,687	9.31E-17	0.344	0.338				<i>GIMAP1</i>	TSS200
cg12245706	2	71,823,484	3.39E-07	0.344	0.249				<i>DYSF</i>	Body
cg14824052	10	2,951,326	4.17E-11	0.344	0.321					
cg21088420	5	7,849,836	3.25E-24	0.344	0.326				<i>C5orf49</i>	Body
cg14732324	5	528,621	0.008309	0.344	0.433					
cg26911787	12	96,587,734	0.004729	0.344	0.281	7.22E-13	0.105		<i>ELK3</i>	TSS1500
cg18648037	3	106,917,496	8.94E-28	0.344	0.346				<i>LOC100302640</i>	Body
cg21439763	1	173,176,366	6.68E-13	0.344	0.335				<i>TNFSF4</i>	5'UTR
cg25987744	19	46,916,588	3.7E-09	0.344	0.297				<i>CCDC8</i>	1stExon
cg12298212	6	27,065,003	1.73E-07	0.344	0.283					
cg19884345	6	26,189,379	0.00336	0.344	0.320				<i>HIST1H4D</i>	TSS200
cg12776171	17	72,442,928	5.59E-17	0.344	0.335				<i>GPRC5C</i>	Body
cg05535113	16	71,559,579	2.18E-10	0.344	0.313	8.22E-17	0.236		<i>CHST4</i>	TSS1500
cg00465970	3	129,024,601	2.16E-17	0.344	0.350					
cg01405004	3	68,980,539	9.9E-11	0.344	0.307				<i>FAM19A4</i>	5'UTR
cg19019849	4	13,533,145	8.74E-07	0.344	0.367					
cg19818890	11	76,033,391	1.19E-07	0.344	0.312					
cg03307401	19	51,568,260	0.03186	0.344	0.403				<i>KLK13</i>	Body
cg13705284	3	58,523,313	2.14E-22	0.344	0.369				<i>ACOX2</i>	TSS1500
cg05977109	10	52,178,181	4.42E-07	0.343	0.362				<i>SGMS1</i>	5'UTR
cg13917560	7	157,372,255	9.56E-37	0.343	0.333				<i>PTPRN2</i>	Body

cg10512745	1	50,884,480	0.004111	0.343	0.398				<i>DMRTA2</i>	Body
cg16890428	19	55,866,412	0.000838	0.343	0.350				<i>FAM71E2</i>	3'UTR
cg11615395	4	140,925,869	0.02552	0.343	0.275				<i>MAML3</i>	Body
cg02598441	17	62,777,298	0.000226	0.343	0.275				<i>LOC146880</i>	Body
cg05264279	7	158,266,136	9.05E-11	0.343	0.336				<i>PTPRN2</i>	Body
cg06561329	22	17,602,610	3.43E-18	0.343	0.313				<i>CECR6</i>	TSS1500
cg09211763	2	190,044,504	7.26E-06	0.343	0.352				<i>COL5A2</i>	1stExon
cg06211837	1	76,540,438	0.000814	0.343	0.314				<i>ST6GALNAC3</i>	1stExon
cg22864077	2	131,185,333	1.03E-07	0.343	0.353					
cg10663628	2	23,798,452	4.76E-21	0.343	0.327				<i>KLHL29</i>	Body
cg07223177	X	46,434,198	0.000757	0.343	0.121				<i>CHST7</i>	1stExon
cg26371061	5	71,014,857	2.28E-12	0.343	0.347				<i>CARTPT</i>	TSS200
cg05463589	16	88,706,426	1.82E-09	0.343	0.281				<i>IL17C</i>	Body
cg18465484	19	17,138,051	0.000511	0.343	0.279				<i>CPAMD8</i>	TSS1500
cg18368411	1	31,845,959	0.003483	0.343	0.237				<i>FABP3</i>	TSS200
cg13338877	6	29,974,531	3.71E-13	0.343	0.337				<i>HLA-J</i>	Body
cg20291855	4	13,524,143	0.01542	0.343	0.378					
cg10480343	15	48,938,347	0.009606	0.343	0.149				<i>FBN1</i>	TSS1500
cg12698813	12	115,136,060	4.08E-12	0.343	0.321					
cg11421255	15	60,690,974	3.06E-13	0.343	0.302				<i>ANXA2</i>	TSS1500
cg18069125	20	45,439,836	6.55E-13	0.343	0.324					
cg22524061	8	99,959,430	3.76E-11	0.343	0.348				<i>OSR2</i>	5'UTR
cg22783308	14	75,894,315	0.001385	0.343	0.154				<i>JDP2</i>	TSS200
cg00465319	3	123,339,568	3.59E-10	0.343	0.348				<i>MYLK</i>	TSS200
cg25247859	6	30,095,174	6.65E-23	0.343	0.331					
cg06372850	2	164,205,188	5.78E-12	0.343	0.333					
cg08572315	2	85,133,831	0.016043	0.343	0.234					
cg14113919	X	20,134,908	0.00045	0.343	0.294				<i>MAP7D2</i>	TSS200
cg09676129	20	60,540,388	0.000002	0.343	0.321					
cg15850390	X	72,668,487	0.004074	0.343	0.311				<i>CDX4</i>	Body
cg19472078	17	77,020,166	1.87E-05	0.343	0.307				<i>C1QTNF1</i>	TSS200
cg04510919	4	7,282,819	1.66E-08	0.343	0.354				<i>SORCS2</i>	Body
cg08146483	1	75,602,412	0.000923	0.343	0.332				<i>LHX8</i>	Body
cg04728482	5	72,529,902	0.006226	0.343	0.350					

cg19228034	7	92,672,812	1.83E-15	0.343	0.319					
cg14669379	1	112,058,559	7.85E-23	0.343	0.329				<i>ADORA3</i>	Body
cg24479590	17	7,348,322	8.78E-14	0.343	0.307				<i>CHRNA1</i>	TSS200
cg07866212	8	23,836,952	1.03E-09	0.343	0.307					
cg13591204	9	38,064,182	2.9E-13	0.343	0.328				<i>SHB</i>	Body
cg27018070	1	38,470,578	2.8E-11	0.343	0.274	1.26E-24	0.120		<i>FHL3</i>	5'UTR
cg01277506	5	80,690,205	2.25E-09	0.343	0.335				<i>RNU5E</i>	Body
cg03345454	2	202,901,428	3.86E-07	0.343	0.366				<i>FZD7</i>	1stExon
cg19237879	11	9,113,458	1.26E-05	0.343	0.255	2.42E-27	0.197		<i>SCUBE2</i>	TSS1500
cg08377819	6	28,956,268	2.77E-06	0.343	0.270					
cg00011616	17	75,672,423	0.001397	0.343	0.360					
cg13045134	8	103,741,780	8.25E-17	0.343	0.369					
cg09570682	6	106,429,443	1.04E-07	0.342	0.366					
cg09999194	17	77,765,305	0.006765	0.342	0.318					
cg09114581	6	32,077,103	2.29E-09	0.342	0.316				<i>TNXB</i>	5'UTR
cg08856529	8	140,714,586	1.65E-07	0.342	0.402				<i>KCNK9</i>	Body
cg05119316	6	29,716,135	7.53E-08	0.342	0.263				<i>LOC285830</i>	Body
cg07351192	3	5,137,773	1.53E-12	0.342	0.327					
cg27058988	15	67,200,879	5.64E-10	0.342	0.350					
cg22725685	4	74,810,310	0.002202	0.342	0.350					
cg07702750	7	28,998,214	0.004375	0.342	0.246				<i>TRIL</i>	TSS200
cg19982230	17	27,045,302	6.87E-14	0.342	0.363				<i>RAB34</i>	TSS1500
cg27513574	4	25,657,440	0.003459	0.342	0.192				<i>SLC34A2</i>	1stExon
cg24021113	6	3,752,849	1.06E-08	0.342	0.310				<i>C6orf145</i>	TSS1500
cg06188744	10	3,108,651	1.08E-21	0.342	0.341				<i>PFKP</i>	TSS1500
cg00990022	1	40,138,052	6.1E-18	0.342	0.342				<i>NT5C1A</i>	TSS1500
cg09206294	15	42,072,687	1.12E-16	0.342	0.334				<i>MAPKBP1</i>	Body
cg24954668	7	20,833,585	0.015972	0.342	0.389					
cg15853125	21	32,932,267	4.84E-05	0.342	0.316				<i>TIAM1</i>	TSS1500
cg25315362	3	116,164,576	9.64E-23	0.342	0.310	2E-36	0.231		<i>LSAMP</i>	TSS200
cg19871940	14	57,264,287	0.000698	0.342	0.365					
cg00691830	15	37,388,540	4.96E-06	0.342	0.418				<i>MEIS2</i>	Body
cg00531137	16	57,643,932	4.72E-06	0.342	0.337					
cg06892726	6	26,087,607	0.000926	0.342	0.353	1.96E-11	0.122		<i>HFE</i>	1stExon



cg00450784	12	106,979,062	0.000837	0.342	0.369				<i>RFX4</i>	Body
cg18451588	7	29,606,289	1.72E-14	0.342	0.328				<i>PRR15</i>	Body
cg24738311	15	89,952,632	8.74E-06	0.342	0.359					
cg08892600	1	223,538,601	3.87E-08	0.342	0.316				<i>SUSD4</i>	TSS1500
cg14474520	12	124,781,038	1.07E-20	0.342	0.303				<i>FAM101A</i>	5'UTR
cg16370398	12	54,448,913	9.08E-14	0.342	0.325				<i>HOXC4</i>	Body
cg18282849	11	86,085,694	4.13E-07	0.342	0.353				<i>CCDC81</i>	TSS200
cg08116137	2	73,870,653	3.82E-16	0.342	0.336	2.64E-24	0.212		<i>NAT8</i>	TSS1500
cg09106903	1	217,309,568	7.99E-12	0.342	0.341				<i>ESRRG</i>	5'UTR
cg06935438	9	4,116,989	2.88E-22	0.342	0.331				<i>GLIS3</i>	Body
cg01972751	6	137,814,728	0.001051	0.342	0.291				<i>OLIG3</i>	1stExon
cg07915884	1	245,474,048	4.12E-21	0.342	0.333				<i>KIF26B</i>	Body
cg11678461	11	3,181,822	2.1E-12	0.342	0.290				<i>OSBPL5</i>	5'UTR
cg10126181	6	21,832,051	0.000216	0.342	0.308				<i>FLJ22536</i>	Body
cg24158594	8	60,030,763	0.047357	0.342	0.378				<i>TOX</i>	Body
cg03299336	11	11,465,911	3.69E-15	0.342	0.277				<i>GALNTL4</i>	Body
cg15780398	2	97,439,827	3.11E-07	0.342	0.280			Yes	<i>CNNM4</i>	Body
cg24676071	7	45,613,410	1.17E-08	0.342	0.317				<i>ADCY1</i>	TSS1500
cg14957943	3	48,632,783	0.001105	0.342	0.372				<i>COL7A1</i>	TSS200
cg18356974	7	128,809,100	6.97E-06	0.342	0.318					
cg08352755	5	145,758,879	3.87E-17	0.342	0.304					
cg09789426	X	102,000,698	7.05E-13	0.342	0.266				<i>BHLHB9</i>	5'UTR
cg27063372	16	616,857	0.00049	0.342	0.368				<i>NHLRC4</i>	TSS200
cg08199758	16	3,062,426	3.03E-08	0.342	0.340				<i>CLDN9</i>	TSS200
cg22905097	13	43,566,401	0.000271	0.342	0.331	1.3E-16	0.171		<i>EPSTI1</i>	TSS200
cg19323951	11	64,993,076	0.000395	0.342	0.332				<i>SLC22A20</i>	Body
cg27488348	12	14,720,834	8.39E-07	0.342	0.270				<i>PLBD1</i>	TSS200
cg00558689	6	41,607,109	5.83E-07	0.342	0.306				<i>MDFI</i>	Body
cg02090033	3	65,583,617	5.08E-05	0.342	0.352				<i>MAGI1</i>	Body
cg25120945	6	29,975,416	6.71E-14	0.342	0.319				<i>HLA-J</i>	Body
cg05214748	16	31,214,335	2.61E-18	0.342	0.272				<i>PYCARD</i>	TSS200
cg13931925	1	179,545,216	1.13E-05	0.342	0.262				<i>NPHS2</i>	TSS200
cg15059804	1	33,766,318	5.12E-18	0.342	0.325				<i>ZNF362</i>	3'UTR
cg16201596	6	29,974,568	1.75E-08	0.341	0.316				<i>HLA-J</i>	Body

cg17741014	5	80,690,220	2.69E-16	0.341	0.291				<i>RNU5E</i>	Body
cg02746725	2	177,054,306	3.63E-14	0.341	0.316				<i>HOXD1</i>	Body
cg27453857	17	4,689,640	8.4E-05	0.341	0.241				<i>VMO1</i>	1stExon
cg13056495	7	134,143,249	0.000249	0.341	0.278				<i>AKR1B1</i>	Body
cg17524136	11	84,028,382	2.23E-09	0.341	0.387				<i>DLG2</i>	Body
cg25371919	2	63,284,481	1.61E-07	0.341	0.334					
cg18484034	10	93,647,648	8.42E-05	0.341	0.294					
cg15902390	15	37,387,438	0.001871	0.341	0.395				<i>MEIS2</i>	Body
cg07194250	X	133,680,463	0.001414	0.341	0.229				<i>MGC16121</i>	Body
cg02067712	13	28,364,724	0.000007	0.341	0.354					
cg21961771	12	100,750,652	4.18E-06	0.341	0.335				<i>SLC17A8</i>	TSS1500
cg18544564	2	189,839,120	3.09E-14	0.341	0.340				<i>COL3A1</i>	5'UTR
cg24547885	2	179,914,868	9.1E-05	0.341	0.293					
cg04767500	6	38,682,956	2.13E-07	0.341	0.324					
cg12018098	19	38,885,481	2.49E-09	0.341	0.344				<i>SPRED3</i>	Body
cg00028013	15	74,218,697	1.38E-20	0.341	0.322				<i>LOXL1</i>	TSS200
cg10740054	19	18,548,004	0.000425	0.341	0.210				<i>ISYNA1</i>	Body
cg26605683	5	172,751,269	1.46E-05	0.341	0.391				<i>STC2</i>	Body
cg06967228	X	68,525,725	9.12E-08	0.341	0.365					
cg15677293	1	236,559,595	0.004455	0.341	0.106				<i>EDARADD</i>	Body
cg13343687	3	49,843,809	1.13E-31	0.341	0.334				<i>UBA7</i>	Body
cg15057061	3	181,437,299	0.009408	0.341	0.374				<i>SOX2OT</i>	Body
cg04384626	4	41,882,580	3.35E-07	0.341	0.302					
cg11282676	6	26,018,003	2.27E-05	0.341	0.292				<i>HIST1H1A</i>	5'UTR
cg22590761	15	74,218,921	8.24E-19	0.341	0.297				<i>LOXL1</i>	5'UTR
cg17415451	5	11,589,049	3.22E-06	0.341	0.308				<i>CTNND2</i>	Body
cg12254845	15	89,952,272	3.77E-09	0.341	0.378					
cg27402429	3	72,788,294	4.54E-10	0.341	0.265					
cg13997864	2	96,990,982	2.52E-06	0.341	0.297				<i>ITPRIPL1</i>	TSS1500
cg27142536	11	20,618,198	6.99E-14	0.341	0.323					
cg16438525	3	52,517,742	1.18E-19	0.341	0.331				<i>NISCH</i>	Body
cg14665813	11	59,333,490	0.001594	0.341	0.310					
cg07881405	5	3,597,487	0.000286	0.341	0.375				<i>IRX1</i>	Body
cg20658918	2	131,185,698	0.000143	0.341	0.307					

cg00081799	1	6,390,793	1.72E-63	0.341	0.326				<i>ACOT7</i>	Body
cg18664667	7	105,517,962	5.72E-07	0.341	0.244				<i>ATXN7L1</i>	TSS1500
cg04338652	18	13,136,597	4.16E-07	0.341	0.287					
cg01566127	11	63,828,762	4.06E-31	0.341	0.332				<i>MACROD1</i>	Body
cg05485137	10	28,035,864	2.21E-08	0.341	0.359				<i>MKX</i>	TSS1500
cg00347563	1	78,511,600	0.035841	0.341	0.448				<i>GIPC2</i>	1stExon
cg27619475	17	73,083,881	0.001169	0.341	0.152	7.84E-16	0.260		<i>SLC16A5</i>	TSS200
cg25291387	6	29,910,237	5.63E-05	0.341	0.259			Yes	<i>HLA-A</i>	TSS200
cg00489401	5	180,075,875	2.64E-10	0.341	0.330	2E-33	0.348		<i>FLT4</i>	Body
cg17437939	7	97,361,252	0.000133	0.341	0.342				<i>TAC1</i>	TSS200
cg26874693	12	111,618,936	1.36E-06	0.341	0.251				<i>CUX2</i>	Body
cg14188232	15	68,724,065	0.000226	0.341	0.287	1.6E-31	0.266		<i>ITGA11</i>	Body
cg14652638	6	2,842,215	1.73E-06	0.341	0.320				<i>SERPINB1</i>	TSS200
cg25402480	12	53,719,777	7.24E-08	0.341	0.362					
cg12738718	6	32,121,204	5.4E-07	0.341	0.408				<i>PPT2</i>	TSS200
cg14251870	6	137,809,529	0.000201	0.341	0.394					
cg26237168	8	10,872,648	0.000101	0.341	0.358				<i>XKR6</i>	Body
cg07133749	17	29,249,870	0.000258	0.341	0.348				<i>ADAP2</i>	Body
cg18267049	10	101,875,028	2.85E-06	0.341	0.331					
cg21766898	6	50,814,089	0.000551	0.341	0.351				<i>TFAP2B</i>	3'UTR
cg26104932	2	219,647,360	7.4E-05	0.341	0.213				<i>CYP27A1</i>	Body
cg21819468	1	13,910,569	0.00344	0.341	0.413				<i>PDPN</i>	TSS1500
cg05669497	13	113,655,468	2.64E-10	0.341	0.268				<i>MCF2L</i>	Body
cg11014463	6	56,818,479	7.1E-07	0.341	0.338				<i>BEND6</i>	TSS1500
cg15826479	17	78,806,493	1.44E-13	0.341	0.334				<i>RPTOR</i>	Body
cg13096007	4	24,802,340	1.07E-08	0.341	0.351				<i>SOD3</i>	3'UTR
cg14703002	6	26,018,058	0.001439	0.340	0.278				<i>HIST1H1A</i>	TSS200
cg06457011	20	39,767,490	0.003381	0.340	0.245				<i>PLCG1</i>	Body
cg03585778	1	205,537,837	2.66E-06	0.340	0.253				<i>MFSD4</i>	TSS1500
cg14807945	2	145,189,102	9.24E-26	0.340	0.332				<i>ZEB2</i>	Body
cg23971170	1	165,326,269	7.07E-12	0.340	0.328				<i>LMX1A</i>	TSS1500
cg01678415	16	5,037,461	0.000189	0.340	0.366				<i>SEC14L5</i>	Body
cg03953626	6	30,652,396	8.61E-15	0.340	0.334				<i>KIAA1949</i>	Body
cg02774862	10	70,321,580	6.96E-14	0.340	0.325				<i>TET1</i>	5'UTR

cg00083833	16	50,583,273	1.62E-22	0.340	0.317				<i>NKD1</i>	Body
cg18605031	3	49,314,155	1.68E-05	0.340	0.271				<i>C3orf62</i>	1stExon
cg01875784	5	1,874,703	1.14E-13	0.340	0.354					
cg02930667	2	219,671,206	3.14E-08	0.340	0.334				<i>CYP27A1</i>	Body
cg01031032	3	112,051,894	0.006313	0.340	0.439				<i>CD200</i>	TSS200
cg20663376	15	31,372,997	6.06E-11	0.340	0.330				<i>TRPM1</i>	5'UTR
cg01560873	5	3,116,792	5.05E-12	0.340	0.364					
cg00458932	2	208,199,465	2.17E-15	0.340	0.333					
cg21207028	20	327,619	0.035742	0.340	0.053				<i>NRSN2</i>	1stExon
cg26540943	X	154,842,296	0.004916	0.340	0.317				<i>TMLHE</i>	5'UTR
cg13445796	11	20,181,725	0.020509	0.340	0.341				<i>DBX1</i>	1stExon
cg24323958	1	108,741,884	3.13E-05	0.340	0.218				<i>SLC25A24</i>	Body
cg12191938	10	88,730,946	0.008709	0.340	0.293				<i>AGAP11</i>	5'UTR
cg08186924	1	179,544,721	4.82E-10	0.340	0.259				<i>NPHS2</i>	Body
cg10631716	8	135,469,436	0.000186	0.340	0.217					
cg12783819	17	75,369,657	0.009827	0.340	0.307				<i>SEPT9</i>	5'UTR
cg02861178	20	10,492,319	1.11E-08	0.340	0.327				<i>C20orf94</i>	Body
cg19767131	14	92,979,698	1.19E-05	0.340	0.226				<i>RIN3</i>	TSS1500
cg18239431	8	25,898,220	2.79E-15	0.340	0.312				<i>EBF2</i>	Body
cg27408285	12	54,653,364	6.13E-26	0.340	0.361				<i>CBX5</i>	1stExon
cg25647300	8	49,670,412	1.82E-20	0.340	0.349					
cg27045447	22	28,198,218	0.004196	0.340	0.326				<i>MN1</i>	TSS1500
cg01439876	1	119,543,336	0.000989	0.340	0.360					
cg15826437	17	38,334,186	0.002079	0.340	0.298				<i>RAPGEFL1</i>	TSS200
cg19755813	17	650,208	9.23E-07	0.340	0.306				<i>GEMIN4</i>	Body
cg03632704	5	87,973,439	9.37E-06	0.340	0.316				<i>LOC645323</i>	Body
cg14151259	6	19,837,015	0.000174	0.340	0.191				<i>ID4</i>	TSS1500
cg11654024	1	85,230,119	1.31E-15	0.340	0.306					
cg14230696	2	176,968,920	4.76E-05	0.340	0.314					
cg19901801	1	114,697,032	6.79E-05	0.340	0.336				<i>SYT6</i>	TSS1500
cg19748424	5	6,583,601	7.42E-10	0.340	0.300				<i>LOC255167</i>	Body
cg05675514	6	22,026,015	2.32E-08	0.340	0.346				<i>FLJ22536</i>	Body
cg22549870	15	89,949,776	0.001273	0.340	0.380					
cg11523712	2	176,957,055	5.32E-08	0.340	0.305				<i>HOXD13</i>	TSS1500

cg15355146	1	40,368,366	1.79E-07	0.339	0.332				<i>MYCL1</i>	TSS1500
cg24653181	15	90,039,582	8.81E-10	0.339	0.350	9.01E-32	0.237		<i>RHCG</i>	Body
cg22609785	10	80,416,672	4.44E-11	0.339	0.312					
cg03448362	1	172,864,347	4.97E-05	0.339	0.302					
cg09626894	7	117,119,637	2.04E-10	0.339	0.335				<i>CFTR</i>	TSS1500
cg06132400	7	38,350,938	0.00113	0.339	0.110					
cg11649376	12	81,473,234	2.79E-23	0.339	0.315				<i>ACSS3</i>	Body
cg16917193	12	54,089,295	6.15E-05	0.339	0.369					
cg20433275	1	156,358,408	0.010127	0.339	0.183					
cg16266579	12	48,591,673	2.07E-05	0.339	0.362					
cg04097639	1	200,009,830	0.000175	0.339	0.391				<i>NR5A2</i>	Body
cg08440556	4	83,718,952	1.31E-05	0.339	0.229				<i>SCD5</i>	Body
cg27614319	17	35,079,061	3.62E-15	0.339	0.343					
cg24711649	12	81,472,118	3.15E-11	0.339	0.355				<i>ACSS3</i>	1stExon
cg10527300	13	110,874,326	8.9E-45	0.339	0.315				<i>COL4A1</i>	Body
cg01833675	2	225,266,876	0.005096	0.339	0.351				<i>FAM124B</i>	TSS200
cg22604316	1	46,958,801	2.42E-05	0.339	0.349					
cg25032745	10	15,481,695	3.87E-09	0.339	0.296					
cg05757757	10	80,008,637	5.16E-29	0.339	0.317					
cg19295451	15	102,010,161	5.01E-15	0.339	0.331				<i>PCSK6</i>	Body
cg26940178	1	76,082,888	2.08E-05	0.339	0.282					
cg09349604	4	41,880,747	0.000914	0.339	0.308					
cg08713365	20	327,623	0.026017	0.339	0.044	2.11E-09	0.159		<i>NRSN2</i>	1stExon
cg05364884	16	17,107,768	3.03E-10	0.339	0.361					
cg08275638	3	64,253,818	2.03E-31	0.339	0.349					
cg02517337	20	51,590,841	4.56E-08	0.339	0.388				<i>TSHZ2</i>	Body
cg27537164	6	168,079,127	0.00029	0.339	0.242					
cg00460049	1	66,998,806	3.11E-06	0.339	0.243				<i>SGIP1</i>	TSS1500
cg26869417	10	130,274,509	7.65E-07	0.339	0.262					
cg16264966	22	41,613,790	9.67E-24	0.339	0.340				<i>L3MBTL2</i>	Body
cg13532547	17	185,957	2.18E-16	0.339	0.301				<i>RPH3AL</i>	5'UTR
cg08190858	12	54,321,346	0.00136	0.339	0.350					
cg19870512	12	4,919,081	0.000484	0.339	0.142				<i>KCNA6</i>	5'UTR
cg04096619	5	9,547,595	5.18E-08	0.339	0.302				<i>SNORD123</i>	TSS1500

cg08949655	2	176,940,301	3.83E-05	0.339	0.319					
cg18206027	7	49,813,486	0.001656	0.339	0.467				VWC2	1stExon
cg22234930	15	72,519,739	1.18E-14	0.339	0.341				PKM2	5'UTR
cg21516478	5	150,400,328	0.003786	0.339	0.129	3.48E-11	0.190		GPX3	Body
cg22097731	15	63,334,436	0.017893	0.339	0.315				TPM1	TSS1500
cg09278708	X	101,905,837	3.18E-07	0.339	0.318				GPRASP1	TSS1500
cg22500428	12	4,381,882	0.025835	0.338	0.205				CCND2	TSS1500
cg20691205	13	36,919,674	0.017207	0.338	0.398				SPG20	5'UTR
cg07815287	2	9,345,967	1.02E-13	0.338	0.376				ASAP2	TSS1500
cg14025053	8	104,153,637	1.23E-05	0.338	0.357				C8orf56	TSS200
cg19380001	1	50,889,427	0.000626	0.338	0.306				DMRTA2	TSS1500
cg13303553	1	33,938,226	0.022926	0.338	0.336				ZSCAN20	TSS200
cg03554749	4	85,405,132	7.17E-06	0.338	0.306					
cg00301660	8	49,783,269	4.98E-20	0.338	0.331					
cg25440811	5	149,535,765	4.18E-06	0.338	0.358				PDGFRB	TSS1500
cg26994377	4	140,579,069	1.44E-07	0.338	0.338					
cg17852385	15	75,019,188	4.64E-13	0.338	0.294				CYP1A1	TSS1500
cg09745430	6	91,004,452	5.23E-13	0.338	0.289				BACH2	5'UTR
cg07483811	18	2,846,237	5.94E-12	0.338	0.271				EMILIN2	TSS1500
cg12591770	15	100,913,571	3.46E-11	0.338	0.329					
cg01316378	10	63,629,580	0.019017	0.338	0.267					
cg02407266	10	79,637,979	3.03E-05	0.338	0.358				DLG5	Body
cg01228355	4	47,839,876	0.000388	0.338	0.304				CORIN	Body
cg05140648	12	49,391,920	5.66E-05	0.338	0.440				DDN	Body
cg16751493	2	242,101,289	1.55E-08	0.338	0.342				PPP1R7	Body
cg17639394	6	29,943,480	2E-08	0.338	0.341				HCG9	Body
cg08077337	2	202,900,063	0.000201	0.338	0.369				FZD7	1stExon
cg02363950	1	156,676,793	4.81E-20	0.338	0.316				CRABP2	TSS1500
cg18328334	2	218,808,652	1.93E-27	0.338	0.321	6.45E-32	0.267		TNS1	1stExon
cg07875385	2	190,044,601	4.05E-06	0.338	0.314				COL5A2	1stExon
cg13398482	9	96,715,256	4.18E-09	0.338	0.389				BARX1	Body
cg02674352	11	61,275,826	5.48E-08	0.338	0.275				LRRC10B	TSS1500
cg18336453	6	43,082,296	1.63E-36	0.338	0.324				PTK7	Body
cg24549507	6	3,752,754	2.8E-11	0.338	0.307	1.77E-27	0.234		C6orf145	TSS1500

cg00926894	X	46,938,229	5.69E-11	0.338	0.337				<i>RGN</i>	5'UTR
cg00172597	1	223,538,379	0.002005	0.338	0.174				<i>SUSD4</i>	TSS1500
cg18454133	14	23,835,870	1.21E-20	0.338	0.350				<i>EFS</i>	TSS1500
cg04554652	10	103,880,979	4.16E-09	0.338	0.308				<i>LDB1</i>	TSS1500
cg02486253	17	55,122,828	6.28E-06	0.338	0.349				<i>RNF126P1</i>	TSS200
cg24383056	17	48,071,706	0.000759	0.338	0.258				<i>DLX3</i>	Body
cg19066273	17	37,366,365	0.000238	0.338	0.291					
cg22053945	17	46,651,360	8.66E-10	0.338	0.330				<i>HOXB3</i>	5'UTR
cg07560510	8	86,350,592	2.07E-09	0.338	0.357				<i>CA3</i>	TSS1500
cg04228709	6	155,537,930	3.12E-16	0.338	0.313				<i>TIAM2</i>	Body
cg07931391	13	100,608,263	6.38E-05	0.338	0.321					
cg24053514	1	146,556,859	1.68E-12	0.338	0.297					
cg05743885	7	27,196,365	5E-10	0.338	0.349				<i>HOXA7</i>	TSS200
cg12174804	8	18,244,861	1.59E-10	0.337	0.327					
cg23614791	12	81,471,754	0.002371	0.337	0.367				<i>ACSS3</i>	TSS200
cg11256607	1	58,716,306	7.49E-12	0.337	0.317				<i>DAB1</i>	TSS200
cg21935981	22	45,608,465	2.95E-07	0.337	0.295				<i>C22orf9</i>	Body
cg12408990	5	179,634,671	4.15E-22	0.337	0.326				<i>RASGEF1C</i>	5'UTR
cg16019142	6	30,418,900	1.59E-06	0.337	0.325					
cg07492240	4	121,994,123	1.35E-11	0.337	0.280				<i>C4orf31</i>	TSS1500
cg18065318	4	140,201,433	0.000431	0.337	0.287				<i>C4orf49</i>	5'UTR
cg25598159	12	111,127,533	5.56E-19	0.337	0.311				<i>HVCN1</i>	1stExon
cg27150417	20	44,462,035	7.1E-22	0.337	0.290				<i>SNX21</i>	TSS1500
cg16585234	1	25,944,802	3.9E-20	0.337	0.300				<i>MAN1C1</i>	1stExon
cg06866163	6	28,557,486	0.0008	0.337	0.275					
cg26263234	3	26,666,060	0.01973	0.337	0.322				<i>LRRC3B</i>	5'UTR
cg14337614	17	70,262,836	4.93E-19	0.337	0.323					
cg26205771	8	53,851,156	0.002348	0.337	0.407				<i>NPBWR1</i>	TSS1500
cg24859236	1	9,750,213	5.69E-22	0.337	0.333				<i>PIK3CD</i>	5'UTR
cg01385327	10	123,356,336	4.31E-06	0.337	0.321				<i>FGFR2</i>	5'UTR
cg19035232	20	51,589,985	0.003904	0.337	0.427				<i>TSHZ2</i>	Body
cg22332233	X	48,897,515	1.57E-10	0.337	0.375				<i>TFE3</i>	Body
cg02924943	3	134,125,326	3.73E-07	0.337	0.339					
cg08845123	1	62,784,332	2.52E-07	0.337	0.372				<i>KANK4</i>	5'UTR

cg01363714	14	103,655,773	9.17E-11	0.337	0.371						
cg19914919	2	161,992,878	4.3E-15	0.337	0.330					TANK	TSS1500
cg03662014	16	29,086,271	9.44E-06	0.337	0.361					RRN3P2	Body
cg14923157	19	17,138,063	0.007665	0.337	0.202					CPAMD8	TSS1500
cg18054172	12	54,424,902	1.43E-15	0.337	0.283					HOXC4	5'UTR
cg03485694	12	3,862,473	0.02188	0.337	0.193					EFCAB4B	TSS200
cg27527108	1	116,711,075	0.00625	0.337	0.325						
cg25649038	6	6,546,777	0.047828	0.337	0.171					LOC285780	Body
cg06959635	X	138,724,627	0.000377	0.337	0.329	7.18E-26	0.218			MCF2	1stExon
cg09792926	16	49,316,053	0.013043	0.337	0.415					CBLN1	TSS1500
cg12894325	11	67,418,113	1.48E-32	0.337	0.323					ACY3	5'UTR
cg02164046	3	187,388,148	0.000986	0.337	0.269	8.17E-19	0.238			SST	1stExon
cg05245533	16	795,877	0.000151	0.337	0.409						
cg03702236	5	9,546,755	1.22E-07	0.337	0.255	1.11E-20	0.263			SEMA5A	TSS1500
cg00914041	8	91,997,810	4.56E-05	0.337	0.336						
cg10043865	17	35,294,481	0.031401	0.337	0.359					LHX1	TSS200
cg22794704	2	162,273,437	0.017715	0.337	0.339					TBR1	1stExon
cg22084642	3	52,351,963	0.001945	0.337	0.347					DNAH1	5'UTR
cg07222505	5	74,161,231	0.000975	0.336	0.144					FAM169A	5'UTR
cg13568106	17	26,835,115	9.34E-05	0.336	0.321						
cg26330416	11	62,691,066	1.39E-07	0.336	0.321						
cg00596048	1	41,847,267	6.54E-05	0.336	0.150						
cg15910208	19	51,522,588	9.66E-05	0.336	0.343	1.68E-28	0.262			KLK10	5'UTR
cg02712145	7	30,722,433	1.02E-07	0.336	0.362					CRHR2	TSS1500
cg14288235	9	135,036,556	3.49E-23	0.336	0.317					NTNG2	TSS1500
cg11216064	5	50,263,586	0.012209	0.336	0.333						
cg25062539	8	79,718,482	3.57E-19	0.336	0.347					IL7	TSS1500
cg10498502	3	185,928,164	9.16E-26	0.336	0.314					DGKG	Body
cg06612088	5	11,589,016	9.06E-12	0.336	0.329					CTNND2	Body
cg08967106	17	35,014,412	0.026521	0.336	0.308						
cg12647497	1	110,210,265	4.94E-19	0.336	0.297					GSTM2	TSS1500
cg18881778	12	120,241,287	1.62E-17	0.336	0.331					CIT	Body
cg25792518	17	48,545,950	7.69E-17	0.336	0.324					ACSF2	Body
cg00354572	12	81,471,419	1.69E-07	0.336	0.300	8.25E-17	0.156			ACSS3	TSS1500



cg20408693	12	46,767,289	1.02E-07	0.336	0.328				<i>SLC38A2</i>	TSS1500
cg07793207	10	95,517,529	2.59E-07	0.336	0.332				<i>LGI1</i>	TSS200
cg02909711	16	67,360,805	0.012348	0.336	0.255				<i>LRRC36</i>	1stExon
cg02584756	1	43,533,796	6E-07	0.336	0.262					
cg08519905	12	6,308,774	9.98E-19	0.336	0.305	1.34E-17	0.198		<i>CD9</i>	TSS1500
cg10304922	12	133,065,924	0.004708	0.336	0.301				<i>FBRSL1</i>	TSS1500
cg18912160	10	3,281,074	5.23E-14	0.336	0.310					
cg16262614	3	133,464,971	7.62E-06	0.336	0.256				<i>TF</i>	TSS200
cg05106294	11	12,031,097	0.012768	0.336	0.315				<i>DKK3</i>	TSS1500
cg13990926	12	54,133,447	0.001089	0.336	0.254					
cg12290635	X	119,148,809	4.73E-11	0.336	0.296					
cg12506005	11	111,411,176	3.93E-06	0.336	0.314				<i>LAYN</i>	TSS200
cg03234186	19	58,220,657	2.16E-10	0.336	0.301				<i>ZNF154</i>	TSS200
cg11855325	7	30,029,717	0.011348	0.336	0.202				<i>SCRN1</i>	TSS1500
cg00155310	6	50,814,011	3.14E-10	0.336	0.381				<i>TFAP2B</i>	3'UTR
cg15659132	6	26,577,336	0.000178	0.336	0.377					
cg20899581	6	27,841,230	1.09E-10	0.336	0.320				<i>HIST1H4L</i>	1stExon
cg11646762	5	68,180,149	2.45E-21	0.336	0.328					
cg12829141	7	128,000,780	0.000591	0.336	0.375				<i>PRRT4</i>	5'UTR
cg01537995	14	85,996,352	8.09E-10	0.336	0.346				<i>FLRT2</i>	TSS200
cg10331424	16	70,696,450	4.86E-49	0.336	0.338				<i>MTSS1L</i>	3'UTR
cg18940843	6	30,418,773	1.24E-07	0.336	0.282					
cg02644510	7	121,946,608	3.72E-07	0.336	0.373					
cg24281267	6	35,479,648	0.006355	0.336	0.379				<i>TULP1</i>	Body
cg11724135	20	25,129,507	3.53E-09	0.336	0.286				<i>LOC284798</i>	TSS1500
cg07437373	3	134,125,814	7.33E-14	0.336	0.332					
cg12319534	4	54,959,841	9.95E-13	0.336	0.339					
cg22202692	2	6,121,939	0.000115	0.336	0.354				<i>LOC400940</i>	TSS200
cg09657963	11	124,790,875	0.02951	0.336	0.241				<i>HEPACAM</i>	3'UTR
cg17538572	10	94,834,763	0.000749	0.336	0.193				<i>CYP26A1</i>	Body
cg17935217	21	36,042,170	0.002315	0.335	0.290				<i>CLIC6</i>	1stExon
cg14610403	1	66,998,812	1E-05	0.335	0.238				<i>SGIP1</i>	TSS1500
cg00878038	7	151,107,807	2.55E-06	0.335	0.367				<i>WDR86</i>	TSS1500
cg05209996	11	76,033,054	0.000119	0.335	0.313					

cg06971418	17	41,995,241	1.82E-05	0.335	0.365				<i>C17orf88</i>	Body
cg15229747	19	56,097,663	0.00107	0.335	0.205					
cg24800655	12	133,065,941	0.001953	0.335	0.260				<i>FBRSL1</i>	TSS1500
cg01385959	2	190,119,363	1.01E-12	0.335	0.314					
cg19467964	17	80,806,135	0.000492	0.335	0.393				<i>TBCD</i>	Body
cg23204908	11	9,824,185	3.07E-18	0.335	0.329				<i>SBF2</i>	Body
cg11691298	2	26,396,787	5.3E-06	0.335	0.325				<i>FAM59B</i>	Body
cg27336068	10	1,336,103	3.93E-06	0.335	0.375				<i>ADARB2</i>	Body
cg10706039	X	119,134,323	0.000612	0.335	0.279					
cg21557231	X	138,725,077	1.61E-08	0.335	0.347	3.84E-20	0.223		<i>MCF2</i>	TSS200
cg10941747	20	55,841,898	0.030229	0.335	0.196				<i>BMP7</i>	TSS200
cg08482436	7	96,647,888	2.86E-08	0.335	0.328					
cg14825976	18	13,611,370	7.31E-06	0.335	0.310				<i>C18orf1</i>	TSS1500
cg16400631	1	91,300,215	0.03905	0.335	0.465					
cg19372602	1	156,116,207	1.92E-24	0.335	0.336					
cg26503877	11	128,391,429	1.26E-05	0.335	0.303				<i>ETS1</i>	Body
cg06782090	17	77,787,880	5.27E-07	0.335	0.286					
cg01446627	10	1,508,061	3.93E-08	0.335	0.256				<i>ADARB2</i>	Body
cg01338255	20	30,176,054	1.68E-13	0.335	0.286					
cg14121845	20	25,566,513	0.000123	0.335	0.221				<i>NINL</i>	TSS1500
cg13354872	15	65,550,813	1.96E-21	0.335	0.338				<i>PARP16</i>	3'UTR
cg02776659	21	47,717,406	1.61E-08	0.335	0.296				<i>C21orf57</i>	Body
cg14966613	22	25,423,700	1.18E-15	0.335	0.363				<i>KIAA1671</i>	TSS1500
cg27022933	11	67,418,106	4.61E-21	0.335	0.324				<i>ACY3</i>	5'UTR
cg06530338	2	19,561,612	5.21E-07	0.335	0.305					
cg07691152	12	103,355,123	0.000262	0.335	0.344					
cg01571001	3	128,215,433	2.27E-55	0.335	0.323					
cg16331929	4	185,937,863	1.62E-07	0.334	0.312					
cg13946341	9	128,799,328	1.44E-09	0.334	0.292					
cg05163709	Y	7,141,248	1.09E-07	0.334	0.246				<i>PRKY</i>	TSS1500
cg12857638	11	62,212,169	1.04E-09	0.334	0.344				<i>AHNAK</i>	Body
cg00397635	1	53,309,162	2.16E-05	0.334	0.313				<i>ZYG11A</i>	Body
cg18720905	2	96,990,858	9.32E-10	0.334	0.334				<i>ITPRIPL1</i>	TSS1500
cg04514123	16	2,041,225	4.86E-05	0.334	0.410				<i>SYNGR3</i>	Body

cg19646112	14	24,804,342	9.39E-09	0.334	0.341				<i>ADCY4</i>	TSS1500
cg09085216	1	204,329,081	3.87E-27	0.334	0.317				<i>PLEKHA6</i>	TSS200
cg00735923	7	117,119,963	2.01E-06	0.334	0.326				<i>CFTR</i>	TSS200
cg02518216	12	106,533,903	2.76E-24	0.334	0.306				<i>NUAK1</i>	TSS200
cg09079818	7	155,604,091	2.41E-06	0.334	0.201				<i>SHH</i>	Body
cg10227331	1	8,181,647	7.63E-24	0.334	0.323					
cg15552249	4	88,450,824	1.57E-21	0.334	0.337				<i>SPARCL1</i>	TSS200
cg18879590	1	236,306,640	0.000821	0.334	0.229				<i>GPR137B</i>	Body
cg05527869	17	35,294,476	0.018613	0.334	0.332				<i>LHX1</i>	TSS200
cg05622465	1	110,613,072	2.43E-07	0.334	0.329				<i>ALX3</i>	1stExon
cg11458217	X	134,125,022	0.000141	0.334	0.323				<i>LOC644538</i>	1stExon
cg12989128	20	42,875,933	3.8E-06	0.334	0.279				<i>GDAP1L1</i>	5'UTR
cg14709253	8	17,519,419	1.58E-08	0.334	0.290				<i>MTUS1</i>	Body
cg06460869	10	17,270,094	8.48E-05	0.334	0.329				<i>VIM</i>	TSS200
cg00555905	17	79,140,481	9.03E-06	0.334	0.250				<i>AATK</i>	TSS1500
cg05905176	15	51,385,916	0.006877	0.334	0.401				<i>TNFAIP8L3</i>	Body
cg23829024	6	26,018,074	0.001477	0.334	0.285				<i>HIST1H1A</i>	TSS200
cg08887400	6	30,652,376	9.89E-09	0.334	0.330				<i>KIAA1949</i>	Body
cg09706021	6	33,399,109	2.64E-32	0.334	0.330				<i>SYNGAP1</i>	Body
cg18813545	3	9,167,185	4.95E-24	0.334	0.326				<i>SRGAP3</i>	Body
cg11994674	17	47,547,767	5.06E-17	0.334	0.352					
cg05005609	11	57,250,204	3.64E-13	0.334	0.340					
cg16855845	19	12,991,665	0.003105	0.334	0.147				<i>DNASE2</i>	Body
cg22387369	15	85,360,691	9.54E-11	0.334	0.330				<i>ALPK3</i>	1stExon
cg17466795	20	9,497,330	8.21E-09	0.334	0.333				<i>C20orf103</i>	Body
cg06572465	5	140,800,929	1.34E-05	0.334	0.376				<i>PCDHGA4</i>	Body
cg08664487	6	56,818,409	3.96E-08	0.334	0.326				<i>BEND6</i>	TSS1500
cg24446178	12	100,750,702	1.05E-06	0.334	0.301				<i>SLC17A8</i>	TSS200
cg07481320	6	42,739,021	1.5E-32	0.334	0.309					
cg08963132	3	130,064,261	1.58E-05	0.334	0.231				<i>COL29A1</i>	TSS200
cg02374745	17	6,679,564	3.74E-05	0.334	0.252				<i>FBXO39</i>	1stExon
cg16909733	2	241,459,847	7.31E-13	0.334	0.307				<i>ANKMY1</i>	Body
cg10913846	14	37,133,714	8.07E-05	0.334	0.202				<i>PAX9</i>	Body
cg04188862	15	88,801,474	2.14E-08	0.334	0.330					

cg08192350	12	3,862,417	0.003002	0.334	0.238				<i>EFCAB4B</i>	TSS200
cg01442843	1	206,729,040	3E-26	0.334	0.302				<i>RASSF5</i>	Body
cg04306024	1	54,203,844	1.48E-05	0.334	0.316			Yes		
cg13575161	12	4,381,792	0.000598	0.334	0.273				<i>CCND2</i>	TSS1500
cg02991469	20	50,720,731	3.3E-07	0.334	0.347				<i>ZFP64</i>	Body
cg17199800	7	96,632,777	3.41E-05	0.334	0.366				<i>DLX6AS</i>	Body
cg17401179	5	400,517	2.56E-05	0.334	0.383				<i>AHRR</i>	Body
cg19736094	X	38,080,327	2.72E-06	0.334	0.286				<i>SRPX</i>	TSS200
cg11935248	6	4,942,483	1.04E-11	0.333	0.343				<i>CDYL</i>	Body
cg27505047	X	133,684,884	0.000628	0.333	0.285					
cg24812837	10	102,894,120	0.000517	0.333	0.314				<i>TLX1</i>	Body
cg27134365	14	24,458,004	3.9E-50	0.333	0.330				<i>DHRS4L2</i>	TSS200
cg19858576	5	191,806	5.23E-20	0.333	0.315				<i>LRRC14B</i>	1stExon
cg21141024	14	59,422,098	5.91E-06	0.333	0.267					
cg12111309	4	57,624,039	4.41E-10	0.333	0.304					
cg23842796	1	156,358,404	0.005307	0.333	0.196					
cg20734421	12	14,720,805	1.36E-08	0.333	0.252				<i>PLBD1</i>	TSS200
cg07374509	6	30,419,070	0.00029	0.333	0.365					
cg15536165	11	35,639,492	6.13E-06	0.333	0.253				<i>FJX1</i>	TSS1500
cg22280475	8	25,897,534	5.47E-09	0.333	0.310				<i>EBF2</i>	Body
cg25864762	7	1,850,388	3.43E-11	0.333	0.331					
cg11278506	3	72,787,955	3.09E-06	0.333	0.242					
cg02680669	8	40,181,105	3.02E-12	0.333	0.349					
cg00422638	10	25,466,027	8.49E-05	0.333	0.327				<i>LOC100128811</i>	TSS1500
cg01346013	17	74,836,383	2.35E-09	0.333	0.360					
cg05931423	5	115,697,214	8.78E-16	0.333	0.345					
cg26288577	14	91,580,429	0.009932	0.333	0.147				<i>C14orf159</i>	1stExon
cg11756518	6	107,809,929	2.24E-06	0.333	0.251				<i>SOBP</i>	TSS1500
cg16754467	6	10,426,588	1.18E-08	0.333	0.337					
cg01308827	19	36,132,627	5.44E-07	0.333	0.340				<i>ETV2</i>	TSS200
cg23267759	18	19,751,335	3.08E-07	0.333	0.321				<i>GATA6</i>	Body
cg00087244	7	74,042,487	9.13E-19	0.333	0.334					
cg23958524	3	9,289,787	3.84E-08	0.333	0.223				<i>SRGAP3</i>	Body
cg06866938	22	46,934,811	6.76E-10	0.333	0.324					

cg22370379	6	32,223,090	3.16E-05	0.333	0.340					
cg25806307	19	39,466,182	0.008444	0.333	0.368				<i>FBXO17</i>	5'UTR
cg16201038	13	28,544,760	3.26E-08	0.333	0.297				<i>CDX2</i>	TSS1500
cg09453076	2	235,406,275	1.17E-31	0.333	0.325				<i>ARL4C</i>	TSS1500
cg01777397	2	29,337,946	9.47E-08	0.333	0.264	1.19E-32	0.278		<i>CLIP4</i>	TSS1500
cg12147198	4	47,838,169	3.54E-16	0.333	0.292				<i>CORIN</i>	Body
cg19308375	2	228,324,937	2.74E-20	0.333	0.332					
cg10382221	17	46,114,672	8.85E-07	0.333	0.323				<i>MIR152</i>	TSS200
cg21056706	7	139,929,714	0.00035	0.333	0.279					
cg02806452	2	233,499,070	1.1E-05	0.333	0.307				<i>EFHD1</i>	Body
cg14196225	4	57,522,762	0.000313	0.333	0.311				<i>HOPX</i>	5'UTR
cg10143811	12	16,757,985	2.82E-05	0.333	0.272				<i>LMO3</i>	5'UTR
cg04543008	11	71,955,332	0.001084	0.333	0.321				<i>PHOX2A</i>	TSS200
cg15867125	14	77,624,538	4.13E-09	0.333	0.354					
cg09662034	20	55,206,467	0.001743	0.333	0.226				<i>TFAP2C</i>	Body
cg26163458	13	95,620,976	1.46E-05	0.333	0.295					
cg08757924	4	85,306,687	4.39E-10	0.333	0.319					
cg11961138	17	38,599,366	2.62E-26	0.333	0.316				<i>IGFBP4</i>	TSS1500
cg13708158	12	116,037,223	1.39E-06	0.333	0.275					
cg04669815	10	101,296,619	4.19E-06	0.333	0.355					
cg15688619	3	44,626,860	4.27E-15	0.333	0.291				<i>ZNF660</i>	5'UTR
cg08268017	8	94,712,118	6.8E-09	0.332	0.288				<i>FAM92A1</i>	TSS1500
cg24389730	17	46,114,615	1.86E-06	0.332	0.336				<i>MIR152</i>	TSS200
cg14428146	8	23,563,925	3.21E-05	0.332	0.325				<i>NKX2-6</i>	TSS200
cg14350382	9	133,320,728	0.003607	0.332	0.219				<i>ASS1</i>	5'UTR
cg25410739	1	223,743,086	4.05E-11	0.332	0.311				<i>CAPN8</i>	Body
cg24137543	5	140,893,634	2.2E-11	0.332	0.327					
cg18245160	7	27,244,370	0.010486	0.332	0.424					
cg14348741	9	139,880,223	6.81E-06	0.332	0.347					
cg15948536	4	169,770,092	3.31E-12	0.332	0.319				<i>PALLD</i>	5'UTR
cg08637618	7	27,279,329	9.29E-09	0.332	0.291					
cg12117658	17	56,406,294	3.21E-05	0.332	0.335				<i>BZRAP1</i>	TSS200
cg18456523	5	54,516,805	0.000226	0.332	0.335					
cg11331445	12	47,219,877	7.53E-08	0.332	0.311				<i>SLC38A4</i>	TSS200

cg06476685	2	241,459,638	6.27E-15	0.332	0.312				<i>ANKMY1</i>	Body
cg27049766	19	58,220,516	9.09E-06	0.332	0.277				<i>ZNF154</i>	5'UTR
cg14397690	15	60,688,948	2.15E-22	0.332	0.305				<i>ANXA2</i>	5'UTR
cg17771031	20	44,875,334	0.001688	0.332	0.198				<i>CDH22</i>	Body
cg17344906	19	13,202,507	2.68E-28	0.332	0.349				<i>NFIX</i>	3'UTR
cg00063174	2	228,736,253	0.003145	0.332	0.425				<i>WDR69</i>	TSS200
cg03989617	16	57,662,541	1.69E-19	0.332	0.300				<i>GPR56</i>	5'UTR
cg06815950	12	111,619,455	1.27E-12	0.332	0.315				<i>CUX2</i>	Body
cg26707709	2	241,975,756	9.62E-21	0.332	0.306				<i>SNED1</i>	Body
cg23536629	10	101,279,944	1.31E-07	0.332	0.250					
cg20852226	11	76,859,010	0.002163	0.332	0.278				<i>MYO7A</i>	Body
cg09183316	12	58,238,232	1.36E-09	0.332	0.306				<i>CTDSP2</i>	Body
cg18713646	6	29,974,952	5.96E-11	0.332	0.324				<i>HLA-J</i>	Body
cg01283289	12	81,472,177	9.78E-12	0.332	0.319	3.69E-24	0.214		<i>ACSS3</i>	1stExon
cg02096396	2	26,395,556	0.002024	0.332	0.172				<i>FAM59B</i>	TSS1500
cg15880846	6	28,557,424	0.001335	0.332	0.297					
cg11479165	15	65,068,594	1.55E-18	0.332	0.327				<i>RBPM2</i>	TSS1500
cg11673244	22	22,007,100	4.1E-25	0.332	0.321				<i>MIR130B</i>	TSS1500
cg24468070	19	54,976,501	7.54E-09	0.332	0.352				<i>CDC42EP5</i>	Body
cg21695661	1	63,796,263	1.26E-08	0.332	0.284					
cg00628788	18	33,529,997	8.01E-08	0.332	0.246					
cg22222413	3	42,066,796	2.29E-16	0.332	0.306					
cg08980711	10	98,945,025	1.94E-12	0.332	0.309				<i>SLIT1</i>	Body
cg07485916	15	90,039,805	1.57E-12	0.332	0.332				<i>RHCG</i>	TSS200
cg15130102	1	213,090,116	6.3E-10	0.332	0.332					
cg00991875	6	161,100,376	0.001671	0.332	0.256					
cg02114084	14	75,894,209	1.07E-09	0.332	0.245				<i>JDP2</i>	TSS1500
cg06856720	20	19,870,217	0.011946	0.332	0.247				<i>RIN2</i>	1stExon
cg17915961	10	103,881,480	3.07E-10	0.332	0.307				<i>LDB1</i>	TSS1500
cg27358154	10	72,453,975	0.000197	0.332	0.243				<i>ADAMTS14</i>	Body
cg15696662	1	46,669,221	0.016662	0.332	0.499				<i>C1orf190</i>	1stExon
cg23627335	6	17,102,653	0.0072	0.332	0.116					
cg06200244	2	12,862,337	6.35E-20	0.332	0.333				<i>TRIB2</i>	Body
cg26262482	1	64,937,345	0.000268	0.332	0.310				<i>CACHD1</i>	Body

cg13832372	9	124,983,482	5.46E-09	0.332	0.329				<i>LHX6</i>	Body
cg23831143	8	22,960,427	0.001213	0.332	0.257				<i>TNFRSF10C</i>	TSS200
cg17763354	10	86,016,954	2.31E-05	0.332	0.264				<i>RGR</i>	Body
cg22694191	19	19,373,575	1.18E-09	0.332	0.332				<i>HAPLN4</i>	5'UTR
cg21038156	7	158,936,739	0.000102	0.332	0.314				<i>VIPR2</i>	Body
cg13670057	9	133,721,945	2.94E-19	0.331	0.319				<i>ABL1</i>	Body
cg09031823	4	83,674,996	1.29E-28	0.331	0.321				<i>MIR575</i>	TSS1500
cg16651537	19	51,226,536	0.00035	0.331	0.450				<i>CLEC11A</i>	TSS200
cg03640756	5	140,864,593	9.55E-05	0.331	0.316				<i>PCDHGA4</i>	Body
cg16792842	8	25,899,459	6.34E-10	0.331	0.304				<i>EBF2</i>	Body
cg03536375	18	18,821,328	8.41E-07	0.331	0.291				<i>GREB1L</i>	TSS1500
cg09661010	10	73,848,153	0.001529	0.331	0.129				<i>SPOCK2</i>	5'UTR
cg18016254	3	122,296,505	1.36E-06	0.331	0.328				<i>PARP15</i>	5'UTR
cg09509179	10	91,598,023	3.39E-10	0.331	0.244					
cg15935965	1	59,550,124	2.4E-09	0.331	0.315					
cg09736669	5	1,851,828	1.08E-11	0.331	0.311					
cg04021697	1	3,567,303	0.004649	0.331	0.332				<i>WDR8</i>	TSS1500
cg11574975	1	112,058,304	7.56E-07	0.331	0.349				<i>ADORA3</i>	Body
cg20198108	10	17,270,091	9.53E-07	0.331	0.317				<i>VIM</i>	TSS200
cg22803868	17	27,045,164	1.99E-18	0.331	0.328				<i>RAB34</i>	Body
cg07143418	8	23,567,548	1.45E-07	0.331	0.312					
cg26008908	12	120,799,332	1.9E-20	0.331	0.318				<i>MSI1</i>	Body
cg26995992	16	87,417,792	0.022675	0.331	0.265				<i>FBXO31</i>	TSS1500
cg11521404	13	20,735,532	0.032018	0.331	0.373				<i>GJA3</i>	TSS1500
cg15339720	2	20,425,649	1.16E-29	0.331	0.299				<i>SDC1</i>	TSS1500
cg07239716	12	89,744,488	2.06E-13	0.331	0.316				<i>DUSP6</i>	Body
cg18090004	7	1,283,896	2.92E-09	0.331	0.294					
cg19177125	18	19,752,414	1.87E-19	0.331	0.292				<i>GATA6</i>	Body
cg04650654	6	28,505,429	0.000002	0.331	0.314					
cg16686733	20	25,566,563	0.001586	0.331	0.206				<i>NINL</i>	TSS1500
cg02035751	1	206,729,099	1.01E-27	0.331	0.298				<i>RASSF5</i>	Body
cg19164987	12	54,413,000	2.79E-16	0.331	0.273				<i>HOXC4</i>	5'UTR
cg05461734	10	122,705,955	7.84E-26	0.331	0.295					
cg21703322	11	111,411,076	8.94E-20	0.331	0.295				<i>LAYN</i>	TSS200

cg12248807	6	25,156,302	1.49E-15	0.331	0.341					
cg20595752	6	35,458,416	7.15E-24	0.331	0.327				<i>TEAD3</i>	5'UTR
cg14346243	4	90,757,452	5.25E-07	0.331	0.268				<i>SNCA</i>	5'UTR
cg17504394	17	70,339,295	5.23E-19	0.331	0.331					
cg03431846	14	24,641,183	4.74E-12	0.331	0.319				<i>REC8</i>	TSS200
cg15173134	10	119,000,638	0.004913	0.331	0.296				<i>SLC18A2</i>	TSS200
cg09040078	16	23,291,476	6.12E-10	0.331	0.346					
cg20119798	7	94,954,144	1.79E-11	0.331	0.316				<i>PON1</i>	TSS1500
cg00903676	6	26,172,091	7.15E-05	0.331	0.398					
cg08858649	6	30,139,903	0.000228	0.331	0.351				<i>TRIM15</i>	Body
cg13720581	6	32,077,017	1.81E-05	0.331	0.270				<i>TNXB</i>	5'UTR
cg00626702	4	1,647,016	1.46E-08	0.331	0.326				<i>FAM53A</i>	Body
cg02602541	5	7,850,438	0.009414	0.331	0.458				<i>C5orf49</i>	Body
cg14077898	12	100,750,695	3.77E-07	0.331	0.280				<i>SLC17A8</i>	TSS200
cg04249706	10	11,206,772	0.017628	0.331	0.225				<i>CUGBP2</i>	Body
cg26168907	6	32,977,223	3.23E-06	0.331	0.310				<i>HLA-DOA</i>	Body
cg08949408	10	16,562,470	0.000619	0.331	0.231				<i>C1QL3</i>	Body
cg10190863	5	139,077,047	0.000599	0.331	0.223					
cg22413056	6	30,650,202	1.89E-09	0.331	0.355				<i>KIAA1949</i>	Body
cg25278941	6	139,795,527	1.05E-21	0.331	0.320					
cg04812556	11	9,112,715	0.000644	0.331	0.165				<i>SCUBE2</i>	Body
cg18038544	3	14,576,099	9.89E-14	0.331	0.325				<i>GRIP2</i>	Body
cg00995986	2	66,665,428	6.78E-05	0.331	0.380				<i>MEIS1</i>	Body
cg01691182	7	55,639,118	8.36E-12	0.331	0.263				<i>VOPP1</i>	Body
cg19225602	11	75,269,316	5.92E-20	0.331	0.327					
cg08043592	19	56,687,388	1.74E-07	0.331	0.369				<i>GALP</i>	1stExon
cg23097402	1	50,883,394	9.19E-06	0.331	0.360				<i>DMRTA2</i>	3'UTR
cg26294995	5	36,067,091	4.78E-07	0.331	0.318				<i>UGT3A2</i>	TSS200
cg08943714	6	139,470,282	1.58E-33	0.331	0.324				<i>HECA</i>	Body
cg01646639	14	70,654,290	1.58E-06	0.330	0.274				<i>SLC8A3</i>	5'UTR
cg04621020	5	101,632,341	0.000645	0.330	0.284				<i>SLCO4C1</i>	TSS200
cg09793121	21	34,398,263	2.88E-07	0.330	0.336				<i>OLIG2</i>	1stExon
cg21620778	2	175,548,020	0.022108	0.330	0.220				<i>WIPF1</i>	TSS1500
cg03281981	12	115,123,757	6.46E-12	0.330	0.277					



cg25433595	X	100,183,764	1.48E-05	0.330	0.162				<i>XKRX</i>	5'UTR
cg26018901	4	47,840,011	3.68E-07	0.330	0.287	1.72E-10	0.144		<i>CORIN</i>	5'UTR
cg00795341	5	79,330,929	0.002948	0.330	0.270				<i>THBS4</i>	TSS200
cg15836505	19	20,349,252	0.020153	0.330	0.170					
cg05317090	16	54,969,706	4.81E-05	0.330	0.409					
cg20810222	2	109,947,649	8.97E-12	0.330	0.286				<i>SH3RF3</i>	Body
cg05590619	3	42,056,814	9.59E-13	0.330	0.262					
cg14262740	14	20,612,220	1.16E-17	0.330	0.296				<i>OR4N5</i>	1stExon
cg20647610	2	228,736,258	0.005518	0.330	0.428				<i>WDR69</i>	TSS200
cg00842687	3	73,816,009	3.64E-23	0.330	0.335					
cg15020645	5	112,073,769	0.000775	0.330	0.196	5.44E-20	0.237		<i>APC</i>	5'UTR
cg10968631	14	69,986,021	1.1E-23	0.330	0.320			Yes	<i>FLJ44817</i>	Body
cg13617795	7	105,137,683	6.69E-17	0.330	0.332				<i>PUS7</i>	Body
cg14530275	9	16,705,212	2.26E-19	0.330	0.314				<i>BNC2</i>	Body
cg08726522	11	8,739,587	1.79E-06	0.330	0.373				<i>ST5</i>	Body
cg25942990	2	177,014,996	7.71E-07	0.330	0.278				<i>HOXD4</i>	TSS1500
cg03040165	2	131,185,700	0.00337	0.330	0.318					
cg17210933	5	3,428,696	2.73E-06	0.330	0.332					
cg24542714	1	46,669,345	2.76E-10	0.330	0.350				<i>POMGNT1</i>	Body
cg19841506	17	4,642,056	1.53E-08	0.330	0.191	4.7E-17	0.197		<i>ZMYND15</i>	TSS1500
cg01047555	6	127,835,990	1.25E-18	0.330	0.328				<i>C6orf174</i>	Body
cg12606911	2	87,036,626	3.72E-06	0.330	0.335				<i>CD8A</i>	TSS1500
cg19092981	22	19,751,654	4.39E-16	0.330	0.304				<i>TBX1</i>	Body
cg08275602	12	29,935,873	0.001042	0.330	0.206				<i>TMTC1</i>	5'UTR
cg07779387	2	95,873,465	0.000807	0.330	0.228					
cg16515523	1	171,811,529	0.000143	0.330	0.203				<i>DNM3</i>	Body
cg24859937	8	38,411,708	0.016887	0.330	0.259					
cg10784386	5	79,330,943	8.91E-05	0.330	0.261				<i>THBS4</i>	TSS200
cg07367232	17	7,826,266	0.007575	0.330	0.321				<i>KCNAB3</i>	3'UTR
cg10788618	17	46,622,022	0.000369	0.330	0.313				<i>HOXB2</i>	1stExon
cg11573219	1	32,083,031	8.4E-37	0.330	0.317				<i>HCRTR1</i>	TSS1500
cg00523604	6	32,223,341	7.49E-09	0.330	0.330					
cg17074762	X	68,052,208	6.75E-27	0.330	0.315				<i>EFNB1</i>	Body
cg20177650	3	181,445,156	0.001545	0.330	0.336				<i>SOX2OT</i>	Body

cg07121856	7	95,025,736	2.42E-09	0.330	0.285				<i>PON3</i>	TSS200
cg00814733	12	4,382,051	7.86E-12	0.330	0.296				<i>CCND2</i>	TSS1500
cg00809111	X	130,192,134	1.55E-05	0.329	0.214				<i>FLJ30058</i>	TSS200
cg11205552	3	112,995,690	1.1E-09	0.329	0.277				<i>BOC</i>	Body
cg03744043	18	45,662,275	2.29E-10	0.329	0.308					
cg03429644	2	9,252,446	1.98E-07	0.329	0.346					
cg08832906	7	139,208,852	0.000144	0.329	0.313				<i>CLEC2L</i>	1stExon
cg16375290	5	177,412,718	2.71E-07	0.329	0.345					
cg20646556	7	1,022,806	2.57E-26	0.329	0.318				<i>CYP2W1</i>	TSS200
cg02927346	17	34,059,260	4.37E-12	0.329	0.322	1.05E-22	0.243		<i>RASL10B</i>	5'UTR
cg09072216	13	36,919,344	0.000266	0.329	0.427				<i>SPG20</i>	5'UTR
cg05031016	14	24,804,153	1.5E-05	0.329	0.347				<i>ADCY4</i>	TSS1500
cg03195164	3	128,998,642	0.020048	0.329	0.085				<i>C3orf37</i>	Body
cg14141458	2	46,770,817	1.01E-06	0.329	0.234				<i>RHOQ</i>	Body
cg06638529	1	44,704,073	6.24E-29	0.329	0.307				<i>ERIB</i>	Body
cg22592142	15	45,409,170	4.29E-11	0.329	0.319				<i>DUOXA2</i>	Body
cg27379109	5	74,907,287	3.04E-15	0.329	0.286					
cg00201468	9	88,137,984	0.004344	0.329	0.277					
cg09774842	20	3,052,483	1.09E-11	0.329	0.348				<i>OXT</i>	Body
cg00866556	1	29,449,356	2.96E-05	0.329	0.364				<i>TMEM200B</i>	5'UTR
cg04837025	1	236,228,744	0.016035	0.329	0.134				<i>NID1</i>	TSS1500
cg18652367	5	180,017,689	0.00038	0.329	0.292				<i>SCGB3A1</i>	Body
cg23552977	14	21,492,433	1.27E-07	0.329	0.366				<i>NDRG2</i>	5'UTR
cg22287064	17	73,584,070	0.000216	0.329	0.285				<i>MYO15B</i>	TSS200
cg12812583	8	23,567,310	0.000151	0.329	0.294					
cg09505788	7	117,854,511	0.000122	0.329	0.292					
cg03529003	1	11,994,281	1.47E-06	0.329	0.284				<i>PLOD1</i>	TSS1500
cg22692511	11	117,069,966	1.15E-11	0.329	0.321				<i>TAGLN</i>	TSS200
cg24377179	3	55,523,815	0.001602	0.329	0.219					
cg24451123	17	6,559,656	0.009528	0.329	0.315					
cg17627629	5	179,517,140	0.000783	0.329	0.214					
cg27481555	7	102,553,369	5.96E-10	0.329	0.316				<i>LRRC17</i>	5'UTR
cg02582940	2	97,308,417	1.08E-09	0.329	0.326				<i>FER1L5</i>	TSS200
cg07152605	1	164,793,520	2.6E-27	0.329	0.320				<i>PBX1</i>	Body

cg12702981	3	119,528,656	2.05E-07	0.329	0.322				<i>NR1I2</i>	Body
cg27494647	7	150,038,898	2.83E-07	0.329	0.335				<i>RARRES2</i>	TSS200
cg17194270	22	39,759,992	1.11E-17	0.329	0.323				<i>SYNGR1</i>	Body
cg05603881	4	42,401,149	0.000212	0.329	0.320				<i>SHISA3</i>	Body
cg22289434	20	34,188,940	5.44E-12	0.329	0.359				<i>FER1L4</i>	Body
cg24122124	19	5,339,092	4.21E-06	0.329	0.346				<i>PTPRS</i>	5'UTR
cg00925616	1	32,410,211	7.1E-08	0.329	0.326					
cg18320766	19	55,598,782	0.000111	0.329	0.273				<i>EPS8L1</i>	Body
cg01532168	8	140,715,557	8.17E-06	0.329	0.367				<i>KCNK9</i>	TSS1500
cg15124757	2	17,699,904	0.007071	0.329	0.379				<i>RAD51AP2</i>	TSS200
cg17120578	8	38,329,836	3.28E-14	0.329	0.278					
cg18427091	17	30,115,417	4.23E-18	0.329	0.321					
cg05907835	16	31,214,346	1.86E-15	0.329	0.269				<i>PYCARD</i>	TSS200
cg09165441	10	103,044,194	4.69E-05	0.329	0.282					
cg04226536	11	111,411,071	3.73E-19	0.329	0.296				<i>LAYN</i>	TSS200
cg10720723	7	157,476,443	3.76E-14	0.329	0.312				<i>PTPRN2</i>	Body
cg20512711	11	31,841,524	8.79E-05	0.329	0.370					
cg18862767	1	40,137,970	3.34E-08	0.329	0.293				<i>NT5C1A</i>	TSS1500
cg06222062	1	20,396,690	7.02E-13	0.328	0.306				<i>PLA2G5</i>	TSS200
cg18959207	10	18,549,686	9.66E-20	0.328	0.323				<i>CACNB2</i>	1stExon
cg19349217	6	29,894,903	0.007195	0.328	0.296				<i>HCG4P6</i>	TSS1500
cg14870792	12	2,163,532	0.000209	0.328	0.237				<i>CACNA1C</i>	Body
cg07066369	12	4,384,888	0.000254	0.328	0.362				<i>CCND2</i>	Body
cg04752680	19	14,114,100	7.16E-25	0.328	0.305				<i>RFX1</i>	5'UTR
cg13347910	6	10,555,853	6.53E-08	0.328	0.307				<i>GCNT2</i>	TSS200
cg24254196	15	101,719,523	1.72E-12	0.328	0.264				<i>CHSY1</i>	Body
cg12024969	19	6,768,022	0.000733	0.328	0.227				<i>SH2D3A</i>	TSS1500
cg12472483	7	157,996,945	4.02E-43	0.328	0.314				<i>PTPRN2</i>	Body
cg22970435	6	44,310,228	6.19E-16	0.328	0.322	7.77E-25	0.226		<i>SPATS1</i>	TSS200
cg01678084	15	67,022,087	7.07E-25	0.328	0.323				<i>SMAD6</i>	Body
cg18628371	14	24,641,189	7.1E-12	0.328	0.324				<i>REC8</i>	TSS200
cg02466815	2	177,054,573	4.19E-08	0.328	0.310				<i>HOXD1</i>	Body
cg10071643	6	137,814,356	6.44E-10	0.328	0.328				<i>OLIG3</i>	1stExon
cg12602409	2	177,039,568	0.009908	0.328	0.357					

cg24832985	5	81,148,310	1.58E-11	0.328	0.290					
cg23092823	1	53,528,612	6.23E-15	0.328	0.306	7.23E-23	0.263		<i>PODN</i>	Body
cg20276377	3	99,595,026	0.002347	0.328	0.370				<i>C3orf26</i>	Body
cg08692423	21	45,148,864	0.000752	0.328	0.203				<i>PDXK</i>	Body
cg07529534	8	41,511,314	0.040363	0.328	0.327				<i>ANK1</i>	3'UTR
cg10981580	1	236,306,767	0.008032	0.328	0.175				<i>GPR137B</i>	Body
cg20254354	12	99,287,558	0.00043	0.328	0.240				<i>ANKS1B</i>	Body
cg06581175	7	96,632,635	0.000155	0.328	0.309				<i>DLX6AS</i>	Body
cg08725455	X	53,077,301	1.46E-10	0.328	0.303				<i>GPR173</i>	TSS1500
cg21316772	9	33,167,933	1.35E-22	0.328	0.309				<i>B4GALT1</i>	TSS1500
cg13908315	15	29,033,896	1E-12	0.328	0.326					
cg22892110	8	144,798,631	4.48E-15	0.328	0.342	1.29E-29	0.325		<i>MAPK15</i>	Body
cg13654836	17	55,365,912	3.87E-23	0.328	0.300				<i>MSI2</i>	Body
cg21853510	17	80,285,525	1.96E-09	0.328	0.368				<i>SECTM1</i>	5'UTR
cg07573727	14	74,706,196	8.13E-06	0.328	0.305				<i>VSX2</i>	5'UTR
cg12268565	X	133,685,325	1.44E-08	0.328	0.319					
cg15885440	12	29,302,714	0.000273	0.328	0.208					
cg21428710	12	47,219,797	6.45E-13	0.328	0.286				<i>SLC38A4</i>	TSS200
cg05258757	3	125,690,986	4.6E-05	0.328	0.272				<i>ROPN1B</i>	Body
cg14824386	8	41,167,923	0.014576	0.328	0.223				<i>SFRP1</i>	TSS1500
cg03452174	17	27,045,113	4.54E-10	0.328	0.370				<i>RAB34</i>	Body
cg14706852	2	127,976,351	3.69E-10	0.328	0.311					
cg03731268	1	62,660,861	1.3E-05	0.328	0.370				<i>L1TD1</i>	5'UTR
cg00365499	7	104,909,430	0.000149	0.328	0.302				<i>SRPK2</i>	5'UTR
cg07223180	13	20,989,142	7.16E-17	0.328	0.307				<i>CRYL1</i>	Body
cg18139020	1	33,938,191	0.027092	0.328	0.320				<i>ZSCAN20</i>	TSS200
cg23161999	2	162,283,189	0.021722	0.328	0.304					
cg14088921	8	98,944,936	1.43E-05	0.328	0.311				<i>MATN2</i>	Body
cg12074780	12	53,719,569	0.000296	0.328	0.384					
cg05183931	11	17,717,588	0.010927	0.328	0.347					
cg21963854	15	69,366,348	0.000238	0.328	0.160				<i>MIR548H4</i>	Body
cg01121022	14	104,338,788	3.93E-16	0.328	0.303					
cg12518442	20	55,841,906	0.039162	0.328	0.197				<i>BMP7</i>	TSS200
cg10511249	1	43,533,955	0.007658	0.328	0.109					

cg19028462	13	113,677,628	7.21E-21	0.328	0.310				<i>MCF2L</i>	Body
cg06899970	8	42,234,669	5.03E-10	0.327	0.308			Yes	<i>DKK4</i>	5'UTR
cg21001198	20	6,033,205	0.011793	0.327	0.110				<i>LRRN4</i>	Body
cg19350360	15	100,913,948	0.000399	0.327	0.290					
cg03423123	X	134,125,181	1.35E-05	0.327	0.334				<i>LOC644538</i>	1stExon
cg02595575	19	19,221,316	3.12E-05	0.327	0.336				<i>SLC25A42</i>	Body
cg13793145	6	44,187,109	0.008289	0.327	0.235				<i>SLC29A1</i>	TSS200
cg10651121	12	109,549,097	3E-08	0.327	0.221					
cg08266366	12	50,354,998	3.46E-13	0.327	0.288				<i>AQP5</i>	TSS1500
cg05539515	1	62,784,269	2.12E-10	0.327	0.332				<i>KANK4</i>	5'UTR
cg27267227	16	29,888,023	8.61E-07	0.327	0.331				<i>SEZ6L2</i>	Body
cg22735222	10	101,295,724	0.004895	0.327	0.304				<i>NKX2-3</i>	3'UTR
cg16430510	11	35,639,686	0.006818	0.327	0.243				<i>FJX1</i>	TSS200
cg06811478	8	10,872,626	1.47E-05	0.327	0.318				<i>XKR6</i>	Body
cg04365224	3	72,788,183	1.77E-08	0.327	0.268					
cg07696516	4	41,614,958	4.15E-10	0.327	0.247			Yes	<i>LIMCH1</i>	1stExon
cg08950287	7	99,725,807	2.16E-12	0.327	0.261				<i>MBLAC1</i>	Body
cg24096855	19	38,700,334	4.7E-12	0.327	0.360					
cg08310866	17	21,281,163	2.28E-12	0.327	0.351				<i>KCNJ12</i>	5'UTR
cg00112042	1	146,555,865	1.47E-06	0.327	0.321					
cg11241541	8	38,586,066	5.6E-05	0.327	0.284				<i>TACC1</i>	1stExon
cg13073773	14	95,234,658	1.5E-05	0.327	0.370				<i>GSC</i>	3'UTR
cg18894200	7	157,484,250	5.24E-28	0.327	0.312				<i>PTPRN2</i>	Body
cg24827726	3	14,581,937	8.43E-12	0.327	0.361				<i>GRIP2</i>	Body
cg18285788	7	157,475,692	6.47E-10	0.327	0.313				<i>PTPRN2</i>	Body
cg18877506	1	13,910,555	5.55E-07	0.327	0.375	1.24E-18	0.182		<i>PDPN</i>	TSS1500
cg25338134	3	72,940,510	5.64E-21	0.327	0.316				<i>GXYLT2</i>	Body
cg19305681	10	94,821,657	4.93E-10	0.327	0.272				<i>CYP26C1</i>	Body
cg24470119	19	8,432,416	0.004598	0.327	0.314				<i>ANGPTL4</i>	Body
cg01401641	19	31,839,171	2.04E-19	0.327	0.321				<i>TSHZ3</i>	Body
cg14405137	12	50,219,283	1.59E-18	0.327	0.325				<i>NCKAP5L</i>	5'UTR
cg19591881	1	208,084,640	2.55E-09	0.327	0.306	4.97E-21	0.243		<i>CD34</i>	5'UTR
cg01964152	6	30,095,546	5.08E-06	0.327	0.328					
cg24351410	1	58,716,033	1.25E-06	0.327	0.278				<i>DAB1</i>	5'UTR

cg13699887	6	16,320,488	0.005439	0.327	0.396				<i>ATXN1</i>	Body
cg01596834	3	183,993,711	1.09E-06	0.327	0.229				<i>ECE2</i>	TSS200
cg02874942	19	11,689,649	1.7E-05	0.327	0.320				<i>ACP5</i>	TSS1500
cg14225678	7	54,612,325	0.007114	0.327	0.346				<i>VSTM2A</i>	Body
cg07968031	3	129,346,101	0.000375	0.327	0.341					
cg20945738	13	108,922,032	1.57E-06	0.327	0.289				<i>TNFSF13B</i>	5'UTR
cg17820365	8	97,157,856	1.65E-05	0.327	0.327				<i>GDF6</i>	Body
cg14753355	19	16,999,668	0.000376	0.327	0.283				<i>F2RL3</i>	TSS200
cg17163760	7	29,186,267	0.000704	0.327	0.282				<i>CPVL</i>	TSS200
cg05243438	1	113,265,611	4.25E-23	0.327	0.316				<i>FAM19A3</i>	Body
cg27507295	15	90,039,794	5.27E-10	0.327	0.325				<i>RHCG</i>	1stExon
cg08148891	11	13,030,309	2E-08	0.327	0.270				<i>RASSF10</i>	TSS1500
cg06126421	6	30,720,080	1.95E-15	0.327	0.263					
cg06557644	7	30,510,463	1.18E-06	0.326	0.259				<i>NOD1</i>	5'UTR
cg16264526	4	148,401,273	7.1E-15	0.326	0.330				<i>EDNRA</i>	TSS1500
cg22837714	2	198,120,525	1.73E-09	0.326	0.318					
cg11859584	19	3,361,374	7.46E-07	0.326	0.283				<i>NFIC</i>	Body
cg00301239	8	103,801,487	2.04E-13	0.326	0.323					
cg08690876	22	43,040,721	9.02E-13	0.326	0.327				<i>CYB5R3</i>	5'UTR
cg08815081	10	28,035,731	6.73E-14	0.326	0.337				<i>MKX</i>	TSS1500
cg18862481	3	129,693,370	8.56E-08	0.326	0.326				<i>TRH</i>	5'UTR
cg27146050	19	46,801,557	1.15E-12	0.326	0.355				<i>HIF3A</i>	Body
cg26251270	1	53,067,832	8.88E-05	0.326	0.175				<i>GPX7</i>	TSS1500
cg26282655	20	2,505,978	8.92E-06	0.326	0.260					
cg21754400	12	81,471,649	2.14E-12	0.326	0.284				<i>ACSS3</i>	TSS200
cg25025646	7	150,711,449	1.13E-16	0.326	0.331				<i>NOS3</i>	3'UTR
cg08260959	6	26,240,920	2.93E-05	0.326	0.314	1.38E-11	0.176		<i>HIST1H4F</i>	1stExon
cg21905630	4	54,965,904	1.15E-05	0.326	0.359	1.67E-15	0.206		<i>GSX2</i>	TSS1500
cg07072475	14	90,850,234	6.49E-05	0.326	0.347					
cg13180315	2	177,024,294	0.03004	0.326	0.381					
cg14644001	6	32,116,653	0.020981	0.326	0.330				<i>PRRT1</i>	3'UTR
cg05816868	1	26,686,860	1.89E-06	0.326	0.370					
cg08290850	6	44,238,228	0.000841	0.326	0.203				<i>TMEM151B</i>	TSS1500
cg12399536	11	12,884,884	3.87E-16	0.326	0.306				<i>TEAD1</i>	Body

cg05985303	2	219,723,705	1.27E-20	0.326	0.309				<i>WNT6</i>	TSS1500
cg08390172	2	192,711,905	9.57E-05	0.326	0.369				<i>SDPR</i>	5'UTR
cg27586487	10	79,687,289	0.000116	0.326	0.243				<i>LOC100128292</i>	Body
cg06117341	16	3,062,653	6.34E-16	0.326	0.294				<i>CLDN9</i>	1stExon
cg11337945	5	2,755,158	3.39E-07	0.326	0.354				<i>C5orf38</i>	3'UTR
cg18097189	3	154,147,955	2.26E-10	0.326	0.345				<i>GPR149</i>	TSS1500
cg00347757	13	20,768,560	4.03E-08	0.326	0.319				<i>GJB2</i>	TSS1500
cg06962177	1	63,785,946	0.014795	0.326	0.417					
cg04069374	X	119,445,076	0.000251	0.326	0.271				<i>FAM70A</i>	Body
cg24779941	14	103,524,901	0.010472	0.326	0.418				<i>CDC42BPB</i>	TSS1500
cg18809076	7	55,177,623	1.04E-18	0.326	0.302				<i>EGFR</i>	Body
cg04920761	2	43,455,103	6.86E-08	0.326	0.255				<i>ZFP36L2</i>	TSS1500
cg03686593	18	11,149,470	0.031495	0.326	0.299				<i>FAM38B</i>	TSS1500
cg18546689	13	43,148,295	6.41E-06	0.326	0.306				<i>TNFSF11</i>	1stExon
cg05376810	17	74,511,493	2.33E-15	0.326	0.297					
cg08750440	2	43,447,375	0.005788	0.326	0.239					
cg01627483	1	32,708,341	1.11E-06	0.326	0.284				<i>MTMR9L</i>	TSS1500
cg21105787	10	73,847,257	1.79E-08	0.326	0.327				<i>SPOCK2</i>	Body
cg17951713	8	130,698,161	3E-05	0.326	0.345					
cg23523215	2	202,508,694	7.9E-11	0.326	0.281				<i>ALS2CR4</i>	TSS1500
cg05813818	16	875,966	8.62E-05	0.326	0.256					
cg27454883	10	102,626,432	0.007759	0.326	0.376					
cg00126320	8	23,584,644	4.91E-05	0.326	0.226					
cg18711066	16	68,118,822	1.09E-06	0.326	0.346	3.83E-41	0.242		<i>NFATC3</i>	TSS1500
cg26985119	X	49,022,801	1.07E-08	0.326	0.249				<i>MAGIX</i>	3'UTR
cg16103959	1	200,004,529	1.26E-06	0.326	0.357				<i>NR5A2</i>	Body
cg26073885	12	31,506,955	6.28E-11	0.326	0.262					
cg26295921	7	157,476,575	5.02E-10	0.326	0.329				<i>PTPRN2</i>	Body
cg09493505	7	49,813,111	0.029131	0.326	0.467				<i>VWC2</i>	TSS200
cg06858555	14	105,144,735	5.07E-15	0.326	0.283					
cg00651829	22	23,413,066	0.016969	0.326	0.155				<i>RTDR1</i>	Body
cg10026473	1	45,792,540	0.000261	0.326	0.327				<i>HPDL</i>	TSS200
cg21489622	6	143,247,772	1.74E-06	0.326	0.235				<i>HIVEP2</i>	5'UTR
cg24715680	2	215,675,429	8.09E-20	0.326	0.265				<i>BARD1</i>	TSS1500

cg11972677	11	30,605,704	3.84E-05	0.325	0.298					<i>MPPED2</i>	5'UTR
cg26266431	7	157,361,564	0.000265	0.325	0.311			Yes		<i>PTPRN2</i>	Body
cg03905795	11	70,670,880	1.53E-07	0.325	0.261					<i>SHANK2</i>	Body
cg04622802	11	27,015,872	2.96E-06	0.325	0.303	3.49E-33	0.307			<i>FIBIN</i>	5'UTR
cg00462951	12	5,539,736	4.91E-09	0.325	0.351						
cg08110785	17	55,952,217	2.16E-08	0.325	0.310					<i>CUEDC1</i>	Body
cg08993878	12	98,151,379	2.68E-22	0.325	0.307						
cg01399219	7	44,145,110	1.4E-09	0.325	0.375					<i>AEBP1</i>	Body
cg07529754	2	50,575,098	2.26E-05	0.325	0.244					<i>NRXN1</i>	Body
cg20495819	2	30,448,529	9.29E-06	0.325	0.240						
cg08317263	5	150,603,169	1.99E-11	0.325	0.290	2.72E-18	0.176			<i>CCDC69</i>	Body
cg06231618	X	40,504,059	1.28E-09	0.325	0.285					<i>CXorf38</i>	Body
cg13231700	2	222,435,709	0.004215	0.325	0.188					<i>EPHA4</i>	Body
cg19642402	15	77,287,762	1.96E-16	0.325	0.316					<i>PSTPIP1</i>	5'UTR
cg06795971	4	106,067,365	0.000211	0.325	0.255					<i>TET2</i>	TSS1500
cg08067566	4	13,529,282	0.004272	0.325	0.314						
cg26236177	14	61,110,649	3.03E-07	0.325	0.245						
cg15043615	17	74,025,708	1.77E-06	0.325	0.323						
cg20351171	22	37,720,723	4.87E-15	0.325	0.319						
cg02474799	19	19,072,780	0.004936	0.325	0.241						
cg02874376	14	101,193,397	0.004407	0.325	0.246					<i>DLK1</i>	1stExon
cg16697214	7	50,343,361	4.92E-09	0.325	0.351					<i>IKZF1</i>	TSS1500
cg05738152	2	287,354	4.35E-11	0.325	0.283					<i>FAM150B</i>	Body
cg26582768	10	102,792,043	0.008474	0.325	0.385					<i>PDZD7</i>	TSS1500
cg01889143	5	134,825,791	1.03E-07	0.325	0.323						
cg12087004	3	195,906,436	3.63E-09	0.325	0.329						
cg21146184	22	46,262,436	5.06E-07	0.325	0.336						
cg05740243	10	135,160,775	8.22E-09	0.325	0.288					<i>PRAP1</i>	TSS200
cg02236650	10	17,269,775	2.82E-06	0.325	0.321					<i>VIM</i>	TSS1500
cg12355172	11	67,418,315	8.39E-11	0.325	0.317					<i>ACY3</i>	TSS200
cg09938462	22	19,706,365	0.000267	0.325	0.319					<i>SEPT5</i>	Body
cg22151644	12	54,444,047	7.87E-05	0.325	0.232					<i>HOXC4</i>	5'UTR
cg26390041	17	70,201,666	2.18E-07	0.325	0.317						
cg05010648	7	73,446,865	1.33E-14	0.325	0.338					<i>ELN</i>	Body



cg08183724	20	21,497,429	0.021571	0.325	0.395					
cg10762199	14	61,934,948	7.65E-15	0.325	0.315				<i>PRKCH</i>	Body
cg17645677	5	149,185,704	3.43E-24	0.325	0.305				<i>PPARGC1B</i>	Body
cg21150901	17	34,957,586	3.33E-06	0.325	0.210				<i>MRM1</i>	TSS1500
cg19129842	3	128,565,090	5.52E-11	0.325	0.284					
cg04074945	11	46,071,833	1.76E-20	0.325	0.324				<i>PHF21A</i>	Body
cg24939845	1	110,627,473	4.2E-06	0.325	0.327					
cg18330866	7	94,673,120	8.27E-14	0.325	0.326				<i>PPP1R9A</i>	Body
cg23821329	10	17,269,643	6.57E-08	0.325	0.315				<i>VIM</i>	TSS1500
cg10916429	15	64,799,784	9.41E-14	0.325	0.318				<i>ZNF609</i>	Body
cg20178172	6	30,711,655	4.18E-23	0.325	0.321				<i>IER3</i>	3'UTR
cg05350879	4	88,451,223	3.21E-12	0.325	0.326				<i>SPARCL1</i>	TSS1500
cg05549655	15	75,019,143	1.73E-14	0.325	0.308				<i>CYP1A1</i>	TSS1500
cg24973993	12	120,242,513	5.08E-15	0.325	0.319				<i>CIT</i>	Body
cg10130900	16	68,003,410	1.13E-07	0.325	0.224				<i>SLC12A4</i>	TSS1500
cg21193484	14	61,938,892	5.25E-07	0.325	0.292				<i>PRKCH</i>	Body
cg27072996	19	822,635	5.81E-05	0.325	0.334				<i>LPPR3</i>	TSS1500
cg15181598	7	38,350,921	0.007131	0.325	0.049					
cg06744119	10	88,730,599	0.005158	0.325	0.239				<i>C10orf116</i>	3'UTR
cg07058988	17	80,297,159	0.000124	0.325	0.380					
cg27234864	13	21,295,941	0.043475	0.325	0.179				<i>IL17D</i>	Body
cg02351381	12	110,172,346	1.96E-13	0.325	0.329	1.1E-17	0.190		<i>MGC14436</i>	Body
cg20438404	7	100,770,192	4.74E-09	0.325	0.326				<i>SERPINE1</i>	TSS200
cg16620382	6	43,211,213	0.046642	0.325	0.335				<i>TTBK1</i>	TSS200
cg00498305	10	119,000,236	2.51E-13	0.324	0.307				<i>SLC18A2</i>	TSS1500
cg26227186	1	95,393,138	0.01455	0.324	0.121				<i>CNN3</i>	TSS1500
cg20198242	6	29,855,110	6.45E-19	0.324	0.268				<i>HLA-H</i>	TSS1500
cg26405020	15	91,427,363	3.29E-14	0.324	0.299				<i>FES</i>	TSS1500
cg16800165	14	85,996,364	1.01E-09	0.324	0.336				<i>FLRT2</i>	TSS200
cg17655415	10	89,802,559	1.18E-07	0.324	0.297					
cg02259081	12	53,268,433	3.84E-18	0.324	0.286					
cg07638650	10	43,697,849	2.01E-06	0.324	0.334				<i>RASGEF1A</i>	Body
cg04574090	11	74,178,749	1.25E-06	0.324	0.270				<i>KCNE3</i>	TSS200
cg08015801	6	26,088,040	0.001093	0.324	0.322				<i>HFE</i>	Body

cg15233183	19	16,187,102	0.00219	0.324	0.309				<i>TPM4</i>	Body
cg07070728	3	141,399,954	1.31E-08	0.324	0.314					
cg25888561	10	44,163,067	4.1E-05	0.324	0.274					
cg07411620	2	176,948,759	0.045472	0.324	0.289				<i>EVX2</i>	TSS200
cg25533774	7	16,505,409	0.000426	0.324	0.338	6.21E-15	0.159		<i>SOSTDC1</i>	1stExon
cg27372920	5	52,778,745	7.77E-10	0.324	0.304				<i>FST</i>	Body
cg27451672	7	99,156,362	0.007125	0.324	0.269				<i>ZNF655</i>	1stExon
cg18130044	20	21,682,362	0.003777	0.324	0.353					
cg13501793	14	55,031,733	1.11E-05	0.324	0.313					
cg15575982	1	87,796,349	0.000493	0.324	0.311				<i>LMO4</i>	5'UTR
cg22614142	8	145,698,232	0.044108	0.324	0.381				<i>KIFC2</i>	Body
cg21843616	4	85,424,469	0.001115	0.324	0.299					
cg05334053	1	3,474,202	4.76E-05	0.324	0.287				<i>MEGF6</i>	Body
cg09829319	6	10,882,238	5.96E-05	0.324	0.382	4.3E-12	0.211		<i>GCM2</i>	TSS200
cg00063828	16	85,749,496	1.5E-12	0.324	0.304				<i>C16orf74</i>	Body
cg17287767	2	192,015,279	0.0183	0.324	0.215				<i>STAT4</i>	5'UTR
cg00559249	5	131,831,244	3.51E-12	0.324	0.257					
cg14283454	18	46,449,389	0.000244	0.324	0.276				<i>SMAD7</i>	Body
cg24960799	6	24,908,812	6.07E-11	0.324	0.306				<i>FAM65B</i>	5'UTR
cg16017979	8	74,333,589	1.37E-27	0.324	0.313				<i>STAU2</i>	3'UTR
cg21328779	3	111,629,875	6.88E-12	0.324	0.312				<i>PHLDB2</i>	Body
cg18723937	7	37,955,713	2.74E-05	0.324	0.338				<i>SFRP4</i>	1stExon
cg09858188	7	156,814,480	0.000274	0.324	0.312					
cg14537533	12	52,626,904	0.000275	0.324	0.353				<i>KRT7</i>	TSS200
cg26219092	8	134,388,022	3.02E-11	0.324	0.285					
cg00466116	1	59,221,344	0.002952	0.324	0.384			Yes		
cg10308253	6	149,803,111	2.18E-09	0.324	0.350				<i>ZC3H12D</i>	5'UTR
cg12963656	3	101,659,687	1.16E-13	0.324	0.297				<i>LOC152225</i>	TSS200
cg09226986	6	160,852,328	5.92E-13	0.324	0.295				<i>SLC22A3</i>	Body
cg16682899	16	85,508,110	5.11E-35	0.324	0.300					
cg10191725	X	25,034,625	3.13E-07	0.324	0.315				<i>ARX</i>	TSS1500
cg00887153	16	71,559,593	3.47E-13	0.324	0.281				<i>CHST4</i>	TSS1500
cg14270346	9	38,026,076	2.78E-15	0.324	0.324				<i>SHB</i>	Body
cg09077934	15	29,407,792	7.58E-06	0.324	0.289				<i>APBA2</i>	Body

cg10752158	4	81,185,022	7.47E-05	0.324	0.273					
cg00961866	10	102,905,737	4.76E-08	0.324	0.354					
cg13078563	15	27,016,796	0.000839	0.324	0.237				<i>GABRB3</i>	Body
cg25757115	1	46,913,787	1.55E-10	0.324	0.285					
cg09049251	12	50,297,477	4.7E-07	0.324	0.266				<i>FAIM2</i>	Body
cg15963552	3	99,594,931	0.048519	0.324	0.412				<i>C3orf26</i>	Body
cg21495612	14	96,342,250	0.010948	0.324	0.441					
cg25044876	22	43,041,146	7.6E-09	0.324	0.284				<i>CYB5R3</i>	5'UTR
cg09276998	10	29,991,884	0.000747	0.324	0.249				<i>SVIL</i>	5'UTR
cg02968175	16	4,690,020	1.9E-19	0.324	0.289				<i>MGRN1</i>	Body
cg14602839	17	63,060,161	2.01E-20	0.324	0.313					
cg23741863	8	97,657,833	2.15E-05	0.324	0.235				<i>PGCP</i>	5'UTR
cg11716270	1	39,025,311	0.001558	0.324	0.276					
cg13739115	10	121,094,427	5.32E-11	0.324	0.315				<i>GRK5</i>	Body
cg09327714	1	91,316,253	0.000325	0.324	0.319					
cg09967633	16	84,918,794	1.37E-05	0.323	0.281				<i>CRISPLD2</i>	Body
cg12664038	1	156,611,194	1.02E-09	0.323	0.365				<i>BCAN</i>	TSS1500
cg23352146	11	12,701,929	6.16E-05	0.323	0.352				<i>TEAD1</i>	5'UTR
cg10758057	15	29,033,893	9.07E-06	0.323	0.341					
cg08876932	11	71,955,547	5.41E-06	0.323	0.267	8.91E-11	0.189		<i>PHOX2A</i>	TSS1500
cg04874782	2	241,900,108	0.000217	0.323	0.260					
cg10630155	4	16,085,666	4.31E-28	0.323	0.304				<i>PROM1</i>	TSS200
cg12686055	12	45,628,262	1.5E-16	0.323	0.280				<i>ANO6</i>	Body
cg10303487	8	105,479,058	0.007735	0.323	0.315	7.42E-20	0.263		<i>DPYS</i>	1stExon
cg14327531	10	8,097,331	2.65E-06	0.323	0.328				<i>GATA3</i>	5'UTR
cg16169675	13	113,594,722	2.16E-16	0.323	0.306					
cg05507490	2	242,808,479	0.000503	0.323	0.376					
cg10932018	5	54,516,487	2.35E-06	0.323	0.337					
cg21438527	6	26,189,355	0.001955	0.323	0.285				<i>HIST1H4D</i>	TSS200
cg02656560	17	19,967,600	5.41E-30	0.323	0.306					
cg05621157	13	99,404,279	2.25E-05	0.323	0.307				<i>SLC15A1</i>	Body
cg13618979	19	16,186,840	4.38E-07	0.323	0.306				<i>TPM4</i>	Body
cg06949439	1	206,729,034	1.17E-22	0.323	0.300				<i>RASSF5</i>	Body
cg17443359	1	91,300,231	0.006884	0.323	0.424					

cg22059073	22	17,602,570	1.91E-28	0.323	0.270				<i>CECR6</i>	TSS1500
cg27603915	11	20,692,113	0.003104	0.323	0.320				<i>NELL1</i>	Body
cg24909548	19	36,736,272	1.36E-06	0.323	0.227					
cg04401986	4	81,189,927	0.005565	0.323	0.307				<i>FGF5</i>	Body
cg25119690	3	55,524,048	0.022465	0.323	0.147					
cg01718447	7	30,722,327	0.004228	0.323	0.487				<i>CRHR2</i>	TSS200
cg17133668	1	162,792,177	6.42E-06	0.323	0.363					
cg23483251	X	119,445,319	3.68E-10	0.323	0.296				<i>FAM70A</i>	1stExon
cg01313977	3	44,626,204	2.19E-07	0.323	0.220				<i>ZNF660</i>	TSS1500
cg04273431	6	30,523,215	1.07E-30	0.323	0.311				<i>GNL1</i>	Body
cg25122629	2	54,936,822	0.000297	0.323	0.266					
cg09625066	X	46,937,571	2.02E-21	0.323	0.314	1.65E-18	0.236		<i>RGN</i>	TSS1500
cg03007522	8	11,562,685	6.64E-05	0.323	0.366				<i>GATA4</i>	5'UTR
cg21306240	1	38,230,845	0.004592	0.323	0.355				<i>EPHA10</i>	TSS200
cg07654896	X	46,937,829	0.000164	0.323	0.287	1.03E-15	0.273		<i>RGN</i>	1stExon
cg02214783	1	3,688,257	3.06E-18	0.323	0.286				<i>LOC388588</i>	TSS1500
cg05407338	17	8,213,522	2.19E-07	0.323	0.333				<i>ARHGEF15</i>	TSS200
cg02790379	1	22,140,769	1.58E-10	0.323	0.275				<i>LDLRAD2</i>	Body
cg26503125	10	80,181,190	1.15E-20	0.323	0.298					
cg04622024	1	38,201,001	4.47E-16	0.323	0.280				<i>EPHA10</i>	Body
cg04319873	2	164,205,343	1.47E-12	0.323	0.319					
cg23937816	8	91,997,231	1.17E-09	0.323	0.346					
cg14127046	2	236,147,233	6.48E-09	0.323	0.309					
cg01656955	1	40,137,966	5.69E-07	0.323	0.293				<i>NT5C1A</i>	TSS1500
cg13031611	12	115,132,761	1.48E-26	0.323	0.286					
cg14239515	19	38,885,242	0.00038	0.323	0.339				<i>SPRED3</i>	Body
cg19782243	11	125,133,120	3.06E-17	0.323	0.324				<i>PKNOX2</i>	5'UTR
cg18180415	11	115,530,547	0.00018	0.323	0.285					
cg26332253	6	121,758,729	3.76E-06	0.323	0.357				<i>GJA1</i>	5'UTR
cg17299437	4	54,974,644	0.000148	0.323	0.320					
cg21079003	15	93,615,146	1.04E-05	0.323	0.306				<i>RGMA</i>	Body
cg13514049	9	110,495,709	1.28E-15	0.323	0.329					
cg00785170	1	201,438,757	3.64E-05	0.323	0.322				<i>PHLDA3</i>	TSS1500
cg24405567	15	70,787,565	1.3E-13	0.323	0.300					

cg05031521	16	1,030,561	1.64E-10	0.323	0.320				<i>SOX8</i>	TSS1500
cg23616139	1	221,051,907	4.26E-07	0.323	0.319				<i>HLX</i>	TSS1500
cg09896412	1	98,519,101	2.76E-12	0.323	0.308					
cg12264626	8	86,350,381	7.45E-10	0.323	0.320				<i>CA3</i>	TSS1500
cg00536939	11	47,279,352	1.24E-09	0.323	0.293				<i>NR1H3</i>	TSS200
cg04699104	2	12,858,912	0.00188	0.323	0.393				<i>TRIB2</i>	Body
cg17385175	X	23,350,552	0.011417	0.323	0.242					
cg06169131	10	103,536,348	1.09E-09	0.323	0.305				<i>FGF8</i>	TSS1500
cg17318990	12	90,101,606	0.001909	0.322	0.276				<i>LOC338758</i>	TSS1500
cg04178858	17	38,334,170	0.007773	0.322	0.235				<i>RAPGEFL1</i>	TSS200
cg24577131	6	139,613,426	2.81E-09	0.322	0.329				<i>TXLNB</i>	TSS1500
cg01472882	2	85,980,609	0.000002	0.322	0.272				<i>ATOH8</i>	TSS1500
cg05664072	2	239,198,294	3.02E-11	0.322	0.269	3.69E-36	0.222		<i>PER2</i>	TSS1500
cg12435551	1	118,679,290	2.88E-05	0.322	0.286				<i>SPAG17</i>	Body
cg05151811	10	17,270,250	3.77E-06	0.322	0.356				<i>VIM</i>	TSS200
cg23178308	21	45,148,879	3.78E-06	0.322	0.234	4.23E-25	0.224		<i>PDXK</i>	Body
cg17892159	2	42,274,610	0.003391	0.322	0.329				<i>PKDCC</i>	TSS1500
cg07974511	2	63,283,013	4.97E-07	0.322	0.323				<i>OTX1</i>	Body
cg17343563	6	50,803,945	4.24E-07	0.322	0.331				<i>TFAP2B</i>	Body
cg17410295	12	109,729,809	0.008849	0.322	0.227				<i>FOXN4</i>	Body
cg20142377	6	29,910,206	3.02E-07	0.322	0.302				<i>HLA-A</i>	TSS200
cg25750228	12	53,267,626	0.000621	0.322	0.247					
cg08533773	5	113,392,004	9.24E-09	0.322	0.351					
cg25833672	8	144,853,229	2.06E-05	0.322	0.280					
cg03298700	2	220,295,753	6.33E-06	0.322	0.316					
cg05050657	1	46,957,105	3.01E-06	0.322	0.342					
cg23106912	1	85,464,261	1.61E-15	0.322	0.280				<i>MCOLN2</i>	TSS1500
cg11500660	21	44,036,692	0.000208	0.322	0.254					
cg11343211	17	15,686,309	0.003013	0.322	0.308					
cg22746681	10	51,912,631	3.04E-06	0.322	0.249					
cg14439761	9	19,788,317	0.007566	0.322	0.268				<i>SLC24A2</i>	TSS1500
cg27432653	1	92,952,461	1.02E-07	0.322	0.326			Yes	<i>GFI1</i>	TSS1500
cg12817840	5	124,070,989	1.4E-08	0.322	0.248				<i>ZNF608</i>	Body
cg21335378	2	173,150,101	2.04E-09	0.322	0.274					

cg05096161	17	46,114,674	9.56E-06	0.322	0.333				<i>MIR152</i>	TSS200
cg25773259	12	94,019,073	1.47E-11	0.322	0.340					
cg00174901	19	709,889	9.23E-15	0.322	0.334	8.45E-31	0.194		<i>PALM</i>	Body
cg01175020	10	102,896,475	1.12E-11	0.322	0.303				<i>TLX1</i>	Body
cg03127334	21	40,033,634	0.000241	0.322	0.221				<i>ERG</i>	5'UTR
cg16886987	21	38,378,634	0.00332	0.322	0.229				<i>DSCR6</i>	TSS1500
cg23320056	1	155,948,742	5.24E-13	0.322	0.263	2.25E-31	0.140		<i>ARHGEF2</i>	TSS1500
cg18725573	20	62,368,956	0.000875	0.322	0.295				<i>LIME1</i>	Body
cg20723355	17	6,679,597	4.96E-05	0.322	0.276	4.45E-15	0.217		<i>FBXO39</i>	5'UTR
cg01524853	12	54,447,807	5.94E-14	0.322	0.288				<i>HOXC4</i>	1stExon
cg24520538	6	42,739,049	9.03E-23	0.322	0.305					
cg00462430	1	232,608,508	6.67E-11	0.322	0.333				<i>SIPA1L2</i>	Body
cg25585712	4	41,869,213	9.15E-18	0.322	0.305					
cg24803391	7	21,209,338	3.45E-10	0.322	0.285					
cg19058865	19	4,327,350	1.4E-06	0.322	0.321				<i>STAP2</i>	Body
cg02151779	X	48,327,875	5.7E-07	0.322	0.311				<i>SLC38A5</i>	5'UTR
cg02900441	1	15,911,134	0.020849	0.322	0.252				<i>AGMAT</i>	Body
cg01572891	7	4,184,354	8.67E-20	0.322	0.337				<i>SDK1</i>	Body
cg21000227	17	70,216,183	2.01E-05	0.322	0.344					
cg06855337	2	189,489,191	9.69E-09	0.322	0.308					
cg04060366	6	168,079,025	4.91E-07	0.322	0.254					
cg01076971	8	97,657,803	0.008874	0.322	0.197				<i>PGCP</i>	5'UTR
cg09770579	16	17,407,429	4.08E-08	0.322	0.296				<i>XYLT1</i>	Body
cg24360909	15	49,189,538	1.8E-13	0.322	0.286				<i>SHC4</i>	Body
cg19777067	4	174,440,103	0.000431	0.322	0.298					
cg20134151	6	150,463,500	4.54E-08	0.322	0.235	2.51E-28	0.242		<i>PPP1R14C</i>	TSS1500
cg26596964	10	102,495,354	0.002217	0.322	0.309					
cg11664987	1	38,201,123	4.74E-07	0.322	0.268				<i>EPHA10</i>	Body
cg25370658	6	7,673,306	1.05E-22	0.322	0.293					
cg17719053	1	75,198,211	7.73E-05	0.322	0.349				<i>TYW3</i>	TSS1500
cg26624398	5	168,726,889	2.6E-05	0.321	0.262				<i>SLIT3</i>	Body
cg19989295	14	24,641,077	1.96E-10	0.321	0.318				<i>REC8</i>	TSS200
cg03469862	11	68,924,853	2.71E-14	0.321	0.305					
cg14601444	2	74,607,536	3.87E-23	0.321	0.331				<i>DCTN1</i>	TSS200

cg05411132	X	99,195,115	2.32E-09	0.321	0.283				<i>LOC442459</i>	TSS1500
cg25835179	11	67,418,291	4.07E-13	0.321	0.320				<i>ACY3</i>	TSS200
cg02028751	17	74,378,849	6.18E-05	0.321	0.241					
cg25551714	11	116,452,003	0.001556	0.321	0.388					
cg27645955	22	21,386,885	0.013854	0.321	0.131				<i>SLC7A4</i>	TSS200
cg06223539	11	70,517,374	6.76E-06	0.321	0.321				<i>SHANK2</i>	Body
cg09999348	2	46,398,848	3.17E-18	0.321	0.304				<i>PRKCE</i>	Body
cg20717768	19	46,379,763	2.03E-18	0.321	0.302					
cg13774080	X	134,156,809	9.79E-14	0.321	0.301				<i>FAM127C</i>	TSS1500
cg04858616	1	40,255,010	0.014406	0.321	0.195				<i>BMP8B</i>	TSS1500
cg02081266	17	59,529,618	1.57E-07	0.321	0.315					
cg24367957	1	161,931,993	5.36E-20	0.321	0.317					
cg05166871	17	46,233,714	6.07E-16	0.321	0.284				<i>SKAP1</i>	Body
cg25486143	3	50,378,527	7.06E-10	0.321	0.318				<i>RASSF1</i>	TSS200
cg00152041	20	61,274,867	6.04E-14	0.321	0.319				<i>SLCO4A1</i>	5'UTR
cg16195091	17	76,227,996	0.00065	0.321	0.321				<i>LOC283999</i>	Body
cg23733123	10	99,472,988	1.86E-12	0.321	0.319				<i>MARVELD1</i>	TSS1500
cg03467825	2	171,551,893	1.11E-06	0.321	0.322					
cg06223767	6	393,616	0.003321	0.321	0.261				<i>IRF4</i>	Body
cg11456756	6	30,228,069	0.00037	0.321	0.311				<i>HLA-L</i>	Body
cg16516400	1	231,177,201	0.001371	0.321	0.295	0.0000266	0.099		<i>FAM89A</i>	TSS1500
cg18147543	1	16,276,294	1.52E-36	0.321	0.304				<i>ZBTB17</i>	5'UTR
cg13636404	7	99,155,673	0.000371	0.321	0.243	8.5E-19	0.131		<i>ZNF655</i>	TSS1500
cg09730500	16	57,662,690	1.09E-20	0.321	0.296				<i>GPR56</i>	5'UTR
cg27239280	16	30,907,679	2.84E-06	0.321	0.308				<i>CTF1</i>	TSS1500
cg22455667	6	29,895,037	1.94E-09	0.321	0.268					
cg03096954	16	85,347,426	6.89E-17	0.321	0.339					
cg04607844	1	213,090,203	2.76E-08	0.321	0.314					
cg04682791	6	25,313,030	2.97E-17	0.321	0.340				<i>LRRC16A</i>	Body
cg00338116	13	43,566,313	4.46E-06	0.321	0.333				<i>EPSTI1</i>	5'UTR
cg14858267	3	44,037,760	3.76E-06	0.321	0.390					
cg24685601	1	20,512,550	5.1E-05	0.321	0.294				<i>UBXN10</i>	TSS200
cg22907789	17	75,567,709	0.000341	0.321	0.290					
cg19516515	1	155,290,614	7.67E-05	0.321	0.334				<i>RUSC1</i>	TSS200

cg10120657	17	77,786,354	3.7E-07	0.321	0.316					
cg10536999	7	26,193,109	0.00414	0.321	0.197				<i>NFE2L3</i>	Body
cg07536910	2	176,948,105	2.35E-05	0.321	0.326				<i>EVX2</i>	1stExon
cg08812692	5	178,052,235	2.67E-10	0.321	0.324				<i>CLK4</i>	5'UTR
cg25335841	7	38,351,094	0.005083	0.321	0.122					
cg05794117	1	228,394,559	1.69E-14	0.321	0.271				<i>OBSCN</i>	TSS1500
cg16082336	14	21,539,712	0.000789	0.321	0.216				<i>FLJ10357</i>	Body
cg13644317	18	70,536,461	8.44E-09	0.321	0.282					
cg10442157	11	61,284,134	1.59E-20	0.321	0.316				<i>SYT7</i>	3'UTR
cg17083323	6	50,803,820	2.09E-06	0.321	0.313				<i>TFAP2B</i>	Body
cg03671075	4	78,573,680	7.44E-07	0.321	0.282					
cg13507084	9	34,555,042	5.89E-10	0.321	0.290				<i>CNTFR</i>	Body
cg04421973	3	64,670,907	0.00074	0.321	0.188				<i>ADAMTS9</i>	Body
cg09815769	1	119,539,738	9.82E-12	0.321	0.282					
cg18327157	7	157,486,718	6.64E-19	0.321	0.318				<i>PTPRN2</i>	Body
cg26173847	7	127,671,017	0.029431	0.321	0.196				<i>LRRC4</i>	TSS200
cg18391694	1	43,250,900	1.36E-09	0.321	0.288					
cg04566848	6	29,974,715	2.91E-07	0.320	0.327				<i>HLA-J</i>	Body
cg04111789	6	41,908,262	0.000221	0.320	0.205				<i>CCND3</i>	Body
cg24663970	13	97,647,084	0.00074	0.320	0.360				<i>OXGR1</i>	TSS1500
cg10574566	1	203,377,808	2.75E-12	0.320	0.344					
cg08712932	6	133,562,463	8.82E-05	0.320	0.377				<i>EYA4</i>	TSS200
cg21468728	17	27,918,207	7.28E-10	0.320	0.306					
cg16688582	7	28,386,631	5.07E-17	0.320	0.301				<i>CREB5</i>	5'UTR
cg02928664	19	54,976,506	5.93E-09	0.320	0.312				<i>CDC42EP5</i>	Body
cg24375409	1	38,200,920	9.32E-13	0.320	0.303				<i>EPHA10</i>	Body
cg18727742	11	288,301	0.002277	0.320	0.250				<i>ATHL1</i>	TSS1500
cg20619808	17	27,313,499	8.2E-20	0.320	0.271				<i>SEZ6</i>	Body
cg09210933	X	73,641,881	0.001013	0.320	0.141				<i>SLC16A2</i>	1stExon
cg15006175	8	145,698,660	1.09E-08	0.320	0.308				<i>KIFC2</i>	Body
cg00557947	10	102,419,245	0.023174	0.320	0.417					
cg19997946	6	166,399,986	4.12E-05	0.320	0.285				<i>C6orf176</i>	Body
cg25103417	3	157,812,018	1.47E-08	0.320	0.329					
cg13612083	6	127,836,053	1.67E-11	0.320	0.306				<i>C6orf174</i>	Body



cg13481638	11	91,957,660	5.69E-07	0.320	0.315					
cg10347326	X	133,684,177	0.005975	0.320	0.191					
cg00920348	1	66,999,304	0.001722	0.320	0.251				<i>SGIP1</i>	TSS1500
cg20544372	7	74,064,549	4.1E-05	0.320	0.376					
cg03586474	6	137,242,147	5.3E-06	0.320	0.340				<i>SLC35D3</i>	TSS1500
cg08942939	1	119,532,542	2.18E-05	0.320	0.297				<i>TBX15</i>	TSS1500
cg07695771	10	126,029,702	5.28E-18	0.320	0.315					
cg07907386	4	41,749,443	0.000347	0.320	0.365				<i>PHOX2B</i>	Body
cg04579493	13	100,609,947	0.001597	0.320	0.339					
cg07186765	7	30,633,504	6.94E-11	0.320	0.254				<i>GARS</i>	TSS1500
cg05240059	X	124,340,398	5.49E-12	0.320	0.274					
cg18891824	8	49,783,652	6.25E-36	0.320	0.290					
cg23205426	X	152,066,221	0.035385	0.320	0.127					
cg26403843	5	158,634,085	3.41E-05	0.320	0.350				<i>RNF145</i>	Body
cg01816515	2	21,022,699	0.000209	0.320	0.280				<i>C2orf43</i>	5'UTR
cg17980404	17	38,601,676	1.29E-21	0.320	0.315				<i>IGFBP4</i>	Body
cg01407244	8	22,961,007	0.000991	0.320	0.258	8.61E-14	0.176		<i>TNFRSF10C</i>	Body
cg12840719	9	21,968,233	7.92E-06	0.320	0.325				<i>CDKN2A</i>	Body
cg14483244	17	42,173,343	0.000789	0.320	0.264				<i>HDAC5</i>	Body
cg06834506	2	26,396,964	0.00019	0.320	0.337				<i>FAM59B</i>	Body
cg25691167	7	19,184,961	0.000918	0.320	0.298	3.31E-13	0.206		<i>FERD3L</i>	1stExon
cg11731596	17	15,821,130	6.98E-18	0.320	0.291					
cg07713896	8	94,712,367	0.000657	0.320	0.198				<i>FAM92A1</i>	TSS1500
cg00725401	8	70,945,169	2.25E-12	0.320	0.342					
cg02558026	16	30,904,573	2.29E-10	0.320	0.292				<i>MIR762</i>	TSS1500
cg05209514	12	69,353,500	9.24E-12	0.320	0.287				<i>CPM</i>	5'UTR
cg26890354	5	140,864,020	2.83E-05	0.320	0.343				<i>PCDHGA4</i>	Body
cg01180552	16	54,316,931	8.08E-17	0.320	0.293					
cg04308040	13	44,942,303	4.95E-11	0.320	0.323					
cg10375954	1	6,419,608	4.03E-17	0.320	0.307				<i>ACOT7</i>	Body
cg01984743	5	172,751,331	0.031585	0.320	0.397				<i>STC2</i>	Body
cg08336425	12	125,140,167	4.99E-08	0.320	0.344					
cg19414980	7	92,673,176	1.05E-13	0.320	0.338					
cg22242148	15	74,215,283	4.96E-19	0.320	0.306					

cg12252135	17	79,503,877	0.000727	0.320	0.289				<i>FSCN2</i>	Body
cg03660115	3	87,138,400	6.88E-05	0.320	0.251					
cg19847283	19	20,349,250	0.019568	0.320	0.158					
cg08217163	2	66,809,959	1.1E-05	0.320	0.338					
cg20922422	X	24,665,669	0.007936	0.320	0.336	0.0000151	0.120		<i>PCYT1B</i>	Body
cg10242602	4	188,916,875	7.51E-06	0.320	0.292				<i>ZFP42</i>	TSS200
cg22192069	6	13,305,324	6.25E-49	0.320	0.302				<i>TBC1D7</i>	3'UTR
cg00268185	3	123,602,768	0.002166	0.320	0.316				<i>MYLK</i>	5'UTR
cg10873171	7	44,145,333	4.66E-15	0.320	0.307				<i>AEBP1</i>	Body
cg14889643	18	60,985,636	0.002461	0.320	0.334				<i>BCL2</i>	Body
cg01177167	10	101,280,523	5.02E-07	0.319	0.332					
cg07890238	8	8,182,454	2.41E-14	0.319	0.303				<i>PRAGMIN</i>	Body
cg26069230	17	29,250,073	2.91E-10	0.319	0.322				<i>ADAP2</i>	Body
cg04569837	5	60,921,535	0.000909	0.319	0.308					
cg25599902	1	51,567,771	3.11E-07	0.319	0.266				<i>C1orf185</i>	TSS200
cg24128931	21	44,013,597	0.018551	0.319	0.235					
cg00178850	1	236,559,675	0.005786	0.319	0.101				<i>EDARADD</i>	Body
cg10101600	2	43,478,743	3.09E-23	0.319	0.305				<i>THADA</i>	Body
cg27272677	10	102,891,080	0.013005	0.319	0.240				<i>TLX1NB</i>	TSS200
cg21620246	3	126,854,423	0.037225	0.319	0.232					
cg26773567	10	82,173,535	3.85E-08	0.319	0.296				<i>C10orf58</i>	TSS200
cg19706516	1	151,103,869	0.000491	0.319	0.281					
cg17558126	1	206,680,250	1.22E-13	0.319	0.262	9.62E-21	0.218		<i>RASSF5</i>	TSS1500
cg22471726	17	46,719,276	2.7E-06	0.319	0.321					
cg15994467	12	52,401,523	2.58E-09	0.319	0.314				<i>GRASP</i>	Body
cg05907976	6	29,760,028	0.000814	0.319	0.361				<i>HCG4</i>	Body
cg08511651	6	26,017,619	3.57E-10	0.319	0.293				<i>HIST1H1A</i>	1stExon
cg13523557	7	45,613,725	2.73E-07	0.319	0.245	1.5E-29	0.193		<i>ADCY1</i>	TSS1500
cg24522254	2	174,878,113	4.27E-15	0.319	0.299					
cg07352345	5	175,793,049	0.018251	0.319	0.365				<i>ARL10</i>	Body
cg18448949	2	176,993,089	1.81E-05	0.319	0.287				<i>HOXD8</i>	TSS1500
cg22637538	17	7,348,327	2.51E-10	0.319	0.278				<i>CHRN1</i>	TSS200
cg13150925	12	124,529,439	5.06E-11	0.319	0.300					
cg14482308	2	18,059,109	0.000103	0.319	0.233				<i>KCNS3</i>	TSS1500

cg25565383	2	17,699,773	0.029066	0.319	0.342				<i>RAD51AP2</i>	TSS200
cg04976685	17	43,449,285	0.006141	0.319	0.314					
cg16331823	6	30,711,835	0.008438	0.319	0.345				<i>FLOT1</i>	TSS1500
cg20945853	5	133,406,542	0.000108	0.319	0.158					
cg15126957	5	179,246,594	2.21E-10	0.319	0.281				<i>SQSTM1</i>	5'UTR
cg12161228	11	89,224,506	1.08E-12	0.319	0.326				<i>NOX4</i>	1stExon
cg26788916	20	62,461,539	1.02E-11	0.319	0.254					
cg08308801	10	119,867,973	3.05E-09	0.319	0.266				<i>CASC2</i>	Body
cg23533419	12	54,090,519	3.06E-08	0.319	0.245					
cg20396510	5	66,124,588	0.001161	0.319	0.139				<i>MAST4</i>	TSS200
cg02433882	6	44,187,031	0.000634	0.319	0.262				<i>SLC29A1</i>	TSS1500
cg08030987	4	83,675,202	1.99E-20	0.319	0.302				<i>MIR575</i>	TSS1500
cg12659883	1	119,543,057	2.87E-08	0.319	0.305					
cg25498489	17	8,230,483	1.78E-06	0.319	0.276					
cg14323199	17	60,705,839	8.62E-05	0.319	0.302				<i>MRC2</i>	Body
cg01786048	2	239,035,964	9.54E-10	0.319	0.286				<i>ESPNL</i>	Body
cg08120986	2	218,816,280	1.96E-18	0.319	0.302					
cg16650529	2	182,548,750	0.000498	0.319	0.220					
cg06755262	6	14,824,437	5.82E-22	0.319	0.336					
cg26090107	11	60,718,882	7.06E-08	0.319	0.319				<i>SLC15A3</i>	1stExon
cg05001389	9	135,853,034	1.79E-07	0.319	0.235				<i>GFI1B</i>	TSS1500
cg26663609	5	691,161	8.8E-09	0.319	0.299				<i>TPPP</i>	5'UTR
cg08105396	1	153,539,058	0.000161	0.319	0.348				<i>S100A2</i>	TSS1500
cg04991805	10	99,790,910	3.28E-05	0.319	0.270				<i>CRTAC1</i>	TSS1500
cg00146951	10	17,270,376	5.4E-07	0.319	0.331				<i>VIM</i>	5'UTR
cg09159285	1	6,664,134	1E-20	0.319	0.295				<i>KLHL21</i>	TSS1500
cg08146609	7	18,535,232	6.73E-05	0.319	0.281				<i>HDAC9</i>	TSS1500
cg15391601	19	35,849,176	0.003076	0.319	0.332				<i>FFAR3</i>	TSS1500
cg19416073	2	96,093,031	2.41E-20	0.319	0.299					
cg03064940	2	129,320,987	1.92E-08	0.319	0.294					
cg06206881	12	5,620,842	3.05E-05	0.319	0.312					
cg17082405	8	145,033,328	4.58E-13	0.319	0.310				<i>PLEC1</i>	Body
cg00874055	1	236,306,673	0.004384	0.319	0.183				<i>GPR137B</i>	Body
cg05020252	2	233,499,283	5.92E-08	0.319	0.291				<i>EFHD1</i>	Body

cg21384402	10	105,036,701	0.006241	0.319	0.277					<i>INA</i>	TSS1500
cg12638731	13	36,045,281	0.000125	0.319	0.323					<i>NBEA</i>	Body
cg16132520	7	134,143,906	0.004678	0.319	0.224					<i>AKR1B1</i>	TSS200
cg11014124	5	140,782,297	1.61E-05	0.319	0.381					<i>PCDHGA4</i>	Body
cg23893898	4	6,247,571	1.87E-05	0.319	0.255						
cg10251070	21	44,781,958	3.82E-19	0.318	0.301						
cg01589129	4	74,810,017	0.017269	0.318	0.350						
cg17577122	22	19,511,967	0.000914	0.318	0.327					<i>CLDN5</i>	1stExon
cg13198321	15	58,357,891	0.006221	0.318	0.317					<i>ALDH1A2</i>	5'UTR
cg10426464	15	62,457,529	0.000298	0.318	0.358					<i>C2CD4B</i>	TSS200
cg24909309	8	38,387,291	5.08E-20	0.318	0.305					<i>C8orf86</i>	TSS1500
cg02639634	8	54,792,161	1.16E-08	0.318	0.286					<i>RGS20</i>	Body
cg08980198	7	150,676,529	2.71E-05	0.318	0.239						
cg17429772	7	158,269,409	5.7E-11	0.318	0.326					<i>PTPRN2</i>	Body
cg20999347	6	30,095,517	5.72E-20	0.318	0.283				Yes		
cg05850327	13	20,768,236	2E-08	0.318	0.299					<i>GJB2</i>	TSS1500
cg10588362	11	64,728,445	0.002894	0.318	0.315					<i>C11orf85</i>	TSS1500
cg18614735	8	41,583,523	7.26E-10	0.318	0.319					<i>ANK1</i>	Body
cg05897030	12	27,702,201	6.46E-13	0.318	0.339					<i>PPFIBP1</i>	5'UTR
cg08549661	2	131,185,585	3.97E-05	0.318	0.335						
cg14775423	4	57,372,356	7.29E-11	0.318	0.334					<i>ARL9</i>	5'UTR
cg20894686	6	50,803,903	1.32E-07	0.318	0.339					<i>TFAP2B</i>	Body
cg06420903	16	88,186,669	1.48E-28	0.318	0.304						
cg17985646	7	35,293,759	0.008575	0.318	0.339					<i>TBX20</i>	TSS200
cg12349884	6	27,106,988	7.92E-07	0.318	0.299					<i>HIST1H2BK</i>	3'UTR
cg15110403	19	17,392,923	0.002558	0.318	0.273					<i>ANKLE1</i>	Body
cg19276110	1	20,396,593	2.59E-12	0.318	0.316					<i>PLA2G5</i>	TSS200
cg03965496	1	147,718,157	2.94E-08	0.318	0.319						
cg22474464	20	21,492,914	0.010438	0.318	0.444					<i>NKX2-2</i>	Body
cg16530177	6	6,320,324	0.003697	0.318	0.267					<i>F13A1</i>	5'UTR
cg17204129	7	117,119,601	3.47E-08	0.318	0.312					<i>CFTR</i>	TSS1500
cg08380379	2	201,652,352	1.23E-14	0.318	0.299					<i>AOX2P</i>	Body
cg12516359	11	17,717,280	0.004407	0.318	0.405						
cg17871993	7	65,673,056	3.44E-12	0.318	0.316					<i>TPST1</i>	5'UTR

cg23338503	5	169,064,530	0.008057	0.318	0.319				<i>DOCK2</i>	Body
cg08151731	15	48,938,576	9.07E-10	0.318	0.247				<i>FBN1</i>	TSS1500
cg17173663	12	115,135,859	2.39E-09	0.318	0.287					
cg19043574	2	99,439,533	8.97E-08	0.318	0.339				<i>C2orf55</i>	Body
cg26335633	7	64,029,999	8.18E-23	0.318	0.322					
cg12648074	5	140,864,474	2.11E-11	0.318	0.304				<i>PCDHGA4</i>	Body
cg00959636	6	134,499,464	0.000765	0.318	0.323				<i>SGK1</i>	Body
cg07862461	20	1,914,231	5.18E-08	0.318	0.293				<i>SIRPA</i>	Body
cg25975621	1	217,311,177	3.44E-05	0.318	0.295				<i>ESRRG</i>	TSS200
cg14186641	6	88,876,741	0.023845	0.318	0.250				<i>CNR1</i>	TSS1500
cg20669834	3	123,339,417	5.29E-08	0.318	0.317				<i>MYLK</i>	1stExon
cg20129082	11	19,736,150	7.66E-05	0.318	0.322				<i>LOC100126784</i>	TSS200
cg01094950	2	43,455,097	4.24E-06	0.318	0.241				<i>ZFP36L2</i>	TSS1500
cg07570498	1	33,813,321	1.02E-21	0.318	0.301				<i>PHC2</i>	5'UTR
cg07674834	17	8,230,235	0.001075	0.318	0.343					
cg00467854	X	25,040,358	0.000461	0.318	0.278					
cg04482110	17	41,364,121	1.51E-09	0.318	0.306	6.36E-25	0.169		<i>TMEM106A</i>	5'UTR
cg11558551	19	17,516,442	3.49E-08	0.318	0.298				<i>BST2</i>	TSS200
cg21346043	8	86,351,067	3.53E-09	0.318	0.322				<i>CA3</i>	1stExon
cg03699904	3	170,746,029	1.06E-09	0.318	0.271	4.57E-17	0.215		<i>SLC2A2</i>	TSS1500
cg21884231	3	170,303,721	0.002007	0.318	0.416				<i>SLC7A14</i>	5'UTR
cg02683114	2	24,398,427	1.3E-06	0.318	0.248				<i>C2orf84</i>	Body
cg13914893	9	137,980,958	0.000134	0.318	0.270				<i>OLFM1</i>	Body
cg21899310	11	57,365,725	0.001746	0.318	0.296				<i>SERPING1</i>	1stExon
cg03257179	15	41,805,946	2.18E-08	0.318	0.310				<i>LTK</i>	1stExon
cg08170869	6	26,188,969	0.000207	0.318	0.312				<i>HIST1H4D</i>	3'UTR
cg11833968	6	79,620,685	9.51E-07	0.318	0.330					
cg05729490	7	27,404,187	1.93E-16	0.318	0.284					
cg11996592	8	144,577,094	5.99E-26	0.318	0.311				<i>ZC3H3</i>	Body
cg06942445	X	54,947,373	0.00081	0.318	0.435	5.15E-27	0.258		<i>TRO</i>	5'UTR
cg08184792	12	48,592,270	2.13E-05	0.318	0.324					
cg07550362	7	97,361,201	6.28E-05	0.318	0.298	1.55E-29	0.217		<i>TAC1</i>	TSS200
cg24544490	1	155,290,961	6.57E-08	0.318	0.264				<i>RUSC1</i>	5'UTR
cg08362628	3	54,861,701	9.76E-06	0.318	0.334				<i>CACNA2D3</i>	Body

cg15241084	X	12,886,121	2.41E-06	0.318	0.353				<i>TLR7</i>	Body
cg13036352	6	30,651,825	1.78E-09	0.318	0.329				<i>KIAA1949</i>	Body
cg10864952	7	65,671,987	5.74E-11	0.317	0.328				<i>TPST1</i>	5'UTR
cg19728226	2	176,968,744	1.14E-05	0.317	0.312					
cg15081566	11	111,169,865	0.00861	0.317	0.365				<i>C11orf92</i>	5'UTR
cg00578638	17	38,334,161	1.13E-08	0.317	0.272				<i>RAPGEFL1</i>	TSS200
cg15052747	9	138,942,591	1.48E-11	0.317	0.301				<i>NACC2</i>	5'UTR
cg09645574	6	42,879,382	6.83E-07	0.317	0.320					
cg11508595	2	192,135,315	2.96E-15	0.317	0.313				<i>MYO1B</i>	5'UTR
cg15920906	12	111,619,414	9.46E-08	0.317	0.277				<i>CUX2</i>	Body
cg16732616	1	50,886,782	0.004738	0.317	0.337				<i>DMRTA2</i>	Body
cg17284804	1	67,218,135	1.59E-06	0.317	0.333				<i>TCTEX1D1</i>	TSS200
cg03951374	15	37,390,176	5.21E-06	0.317	0.368				<i>MEIS2</i>	1stExon
cg21737444	22	38,071,591	7.47E-09	0.317	0.291				<i>LGALS1</i>	TSS200
cg03932723	11	63,258,523	0.000159	0.317	0.272				<i>HRASLS5</i>	1stExon
cg10881128	1	44,031,826	4.23E-07	0.317	0.326				<i>PTPRF</i>	Body
cg23160016	4	46,391,929	1.95E-05	0.317	0.298				<i>GABRA2</i>	TSS1500
cg08935118	15	35,014,229	7.12E-07	0.317	0.322					
cg04923020	12	46,005,007	1.97E-18	0.317	0.320					
cg19660812	8	38,617,447	1.15E-08	0.317	0.315				<i>TACC1</i>	5'UTR
cg03872783	21	26,934,885	0.001211	0.317	0.259				<i>MIR155HG</i>	Body
cg10811474	19	8,428,787	0.009318	0.317	0.236				<i>ANGPTL4</i>	TSS1500
cg07803375	7	811,206	3.84E-05	0.317	0.316				<i>HEATR2</i>	Body
cg26290543	11	45,377,324	1.42E-13	0.317	0.335					
cg18272353	14	95,238,706	0.000391	0.317	0.314					
cg12866112	7	157,372,332	7.04E-24	0.317	0.323				<i>PTPRN2</i>	Body
cg15198094	1	200,003,342	3.4E-10	0.317	0.301				<i>NR5A2</i>	Body
cg15549973	1	159,823,687	2.38E-05	0.317	0.255				<i>C1orf204</i>	Body
cg09752627	4	25,657,160	0.008319	0.317	0.210				<i>SLC34A2</i>	TSS1500
cg00079219	12	54,360,131	3.47E-06	0.317	0.253				<i>HOTAIR</i>	Body
cg06148264	6	2,841,468	1.15E-08	0.317	0.284	1.01E-21	0.186		<i>SERPINB1</i>	5'UTR
cg12360736	3	151,985,869	1.15E-08	0.317	0.273	2.37E-21	0.171		<i>MBNL1</i>	1stExon
cg12956688	19	18,415,646	2.47E-15	0.317	0.318					
cg22336806	6	2,903,704	7.87E-08	0.317	0.274				<i>SERPINB9</i>	TSS200

cg01841641	2	223,169,965	0.004364	0.317	0.426					
cg22982811	7	28,032,986	4.01E-08	0.317	0.304				JAZF1	Body
cg07149609	1	170,630,734	1.55E-08	0.317	0.322					
cg26465391	19	58,220,773	9.42E-07	0.317	0.266				ZNF154	TSS200
cg27168780	6	28,521,796	4.85E-05	0.317	0.302					
cg00057231	3	48,631,958	1.91E-13	0.317	0.278				COL7A1	Body
cg00089814	3	72,641,008	9.35E-12	0.317	0.312					
cg06312813	4	74,964,493	3.31E-07	0.317	0.309				CXCL2	Body
cg14021375	19	16,999,800	1.24E-09	0.317	0.283				F2RL3	TSS200
cg03434384	12	27,703,097	3.94E-25	0.317	0.313				PPFIBP1	5'UTR
cg17138769	10	118,892,211	0.006807	0.317	0.393				VAX1	Body
cg19268119	2	225,266,880	0.02429	0.317	0.341				FAM124B	TSS200
cg17606785	14	23,834,808	1.47E-09	0.317	0.287	8.11E-33	0.229		EFS	1stExon
cg17773502	X	41,302,010	6.44E-08	0.317	0.210					
cg04993975	17	35,294,472	0.016022	0.317	0.340				LHX1	TSS200
cg02553486	4	47,840,095	1.49E-10	0.317	0.295	2.03E-12	0.169		CORIN	TSS200
cg02990291	7	96,625,586	0.00026	0.317	0.345				DLX6AS	Body
cg01370541	4	41,882,812	6.6E-05	0.317	0.290					
cg09313745	12	3,373,666	8E-10	0.317	0.277				TSPAN9	Body
cg03329165	3	112,052,218	0.000183	0.317	0.415	6.7E-12	0.154		CD200	Body
cg12118269	10	102,893,980	6.48E-05	0.317	0.294				TLX1	Body
cg10242496	6	137,242,316	4.91E-06	0.317	0.326				SLC35D3	TSS1500
cg13267264	8	70,983,600	0.014871	0.317	0.421				PRDM14	TSS200
cg03276022	11	117,069,900	9.63E-13	0.317	0.317				TAGLN	TSS200
cg20742009	3	182,879,817	0.00027	0.317	0.166				LAMP3	Body
cg27603796	7	117,512,803	0.000236	0.317	0.358	1.62E-23	0.224		CTTNBP2	Body
cg20943084	5	140,012,769	0.002527	0.317	0.359				CD14	1stExon
cg03559682	11	6,439,864	0.000266	0.316	0.133				APBB1	5'UTR
cg24710320	3	192,958,832	0.013183	0.316	0.192				MGC2889	TSS1500
cg26343883	2	164,205,032	1.09E-05	0.316	0.254					
cg06355129	1	156,646,293	4.29E-07	0.316	0.343				NES	1stExon
cg17357479	1	184,005,717	0.000138	0.316	0.222				GLT25D2	Body
cg03362215	6	78,176,806	0.00042	0.316	0.314					
cg17291136	8	26,087,851	1.43E-18	0.316	0.308					

cg05319305	4	101,111,927	9.24E-08	0.316	0.271				<i>DDIT4L</i>	TSS1500
cg00966099	4	184,718,401	4.55E-05	0.316	0.327					
cg06650847	X	63,004,884	0.003827	0.316	0.359					
cg10800833	4	57,521,657	0.027286	0.316	0.165				<i>HOPX</i>	Body
cg23982858	12	95,941,869	5.09E-06	0.316	0.252				<i>USP44</i>	5'UTR
cg04192867	10	93,647,053	1.29E-06	0.316	0.288					
cg21202716	11	70,508,022	7.28E-07	0.316	0.302				<i>SHANK2</i>	Body
cg13787982	19	20,348,926	0.017849	0.316	0.158					
cg02956248	6	32,120,901	2.24E-13	0.316	0.325				<i>PPT2</i>	TSS1500
cg05227549	12	1,770,782	0.010353	0.316	0.229					
cg07017597	15	32,983,650	1.19E-12	0.316	0.308				<i>SCG5</i>	Body
cg08832603	7	96,652,481	3.98E-07	0.316	0.304				<i>DLX5</i>	Body
cg16476975	7	155,164,995	0.000179	0.316	0.296					
cg13974773	6	27,463,217	0.001248	0.316	0.367					
cg07749485	X	119,124,509	0.001226	0.316	0.393					
cg16158863	13	32,605,218	0.002246	0.316	0.149				<i>FRY</i>	TSS1500
cg24212268	10	29,936,149	1.12E-08	0.316	0.259				<i>SVIL</i>	5'UTR
cg24188415	10	119,304,586	0.039151	0.316	0.316				<i>EMX2</i>	Body
cg08481491	3	125,900,108	2.3E-15	0.316	0.262				<i>ALDH1L1</i>	TSS1500
cg18008019	13	100,641,646	9.46E-12	0.316	0.287					
cg13639936	9	102,586,628	0.001775	0.316	0.205				<i>NR4A3</i>	5'UTR
cg20215007	7	149,468,365	2.05E-27	0.316	0.298				<i>ZNF467</i>	5'UTR
cg25663755	3	38,035,463	6.79E-05	0.316	0.198				<i>VILL</i>	Body
cg00545705	1	208,382,186	5.19E-22	0.316	0.275				<i>PLXNA2</i>	Body
cg17621718	3	42,306,737	1.97E-05	0.316	0.314				<i>CCK</i>	TSS1500
cg05097861	17	15,820,610	4.48E-18	0.316	0.294					
cg08350776	5	54,516,538	4.68E-09	0.316	0.297					
cg25035631	1	35,586,358	1.22E-07	0.316	0.324					
cg08298946	12	13,301,010	9.26E-06	0.316	0.237					
cg21443699	7	142,637,936	3.96E-17	0.316	0.307				<i>C7orf34</i>	3'UTR
cg02921269	14	75,894,323	0.025772	0.316	0.118				<i>JDP2</i>	TSS200
cg23684878	12	65,218,260	0.031682	0.316	0.078					
cg12457909	7	39,649,359	1.73E-06	0.316	0.247				<i>LOC646999</i>	Body
cg08178940	6	50,808,627	1.65E-08	0.316	0.330				<i>TFAP2B</i>	Body



cg00772407	12	89,744,471	3.15E-06	0.316	0.282				<i>DUSP6</i>	Body
cg00788028	2	114,049,041	1.95E-16	0.316	0.312				<i>LOC440839</i>	Body
cg08091439	1	110,546,703	2.82E-24	0.316	0.323				<i>AHCYL1</i>	Body
cg14243778	12	41,086,879	9.25E-07	0.316	0.334				<i>CNTN1</i>	5'UTR
cg24550010	1	65,731,107	7.37E-09	0.316	0.280				<i>DNAJC6</i>	Body
cg04926881	7	29,024,378	2.67E-06	0.316	0.345					
cg05635754	19	17,958,736	4.56E-06	0.316	0.279				<i>JAK3</i>	5'UTR
cg01101344	16	1,973,654	0.000366	0.315	0.288					
cg06132069	20	44,686,038	4.95E-09	0.315	0.299				<i>SLC12A5</i>	Body
cg05602356	5	58,334,856	1.06E-15	0.315	0.308				<i>PDE4D</i>	Body
cg05587394	2	23,777,246	1.21E-19	0.315	0.318				<i>KLHL29</i>	5'UTR
cg25769732	1	92,295,946	4.11E-07	0.315	0.288				<i>TGFBR3</i>	Body
cg02453462	15	73,662,002	4.21E-05	0.315	0.374				<i>HCN4</i>	TSS1500
cg02721000	12	54,441,213	4.98E-08	0.315	0.280				<i>HOXC4</i>	5'UTR
cg15676455	3	128,564,943	0.000124	0.315	0.282					
cg03478249	13	43,566,547	0.000186	0.315	0.309				<i>EPSTI1</i>	TSS200
cg26474043	5	148,442,857	2.12E-17	0.315	0.311				<i>SH3TC2</i>	TSS200
cg10322504	20	3,229,239	1.26E-09	0.315	0.301					
cg02986266	7	20,833,552	0.01896	0.315	0.353					
cg06183338	5	178,004,204	1.03E-11	0.315	0.324				<i>COL23A1</i>	Body
cg02058358	14	76,819,107	1.07E-10	0.315	0.225					
cg25927215	6	34,677,450	1.59E-16	0.315	0.324					
cg11154552	7	87,848,242	0.005669	0.315	0.260				<i>SRI</i>	Body
cg20233073	4	54,960,226	1.03E-12	0.315	0.285					
cg03400828	6	44,310,324	2.92E-05	0.315	0.365				<i>SPATS1</i>	TSS200
cg06796713	2	66,664,871	0.001663	0.315	0.389				<i>MEIS1</i>	Body
cg14663984	1	969,042	0.000729	0.315	0.260				<i>AGRN</i>	Body
cg03738247	X	119,134,526	1.46E-06	0.315	0.277					
cg04588840	20	2,781,685	2.05E-05	0.315	0.234				<i>CPXM1</i>	TSS1500
cg16835233	22	22,862,479	3.02E-09	0.315	0.197				<i>ZNF280B</i>	5'UTR
cg25747192	3	50,378,423	1.01E-06	0.315	0.311				<i>RASSF1</i>	TSS200
cg21039708	14	57,278,729	0.027461	0.315	0.368				<i>OTX2OS1</i>	TSS1500
cg25832771	8	72,756,058	0.001059	0.315	0.365				<i>MSC</i>	1stExon
cg01888601	11	47,736,182	1.14E-11	0.315	0.261	3.03E-27	0.195		<i>AGBL2</i>	1stExon

cg06714180	12	54,409,525	0.001098	0.315	0.313				<i>HOXC4</i>	TSS1500
cg18145505	15	33,009,498	0.000838	0.315	0.269	2.53E-24	0.300		<i>GREM1</i>	TSS1500
cg19843891	8	48,675,647	3.18E-06	0.315	0.257					
cg11827910	11	31,825,756	0.017518	0.315	0.277				<i>PAX6</i>	Body
cg25971727	12	81,471,533	1.87E-05	0.315	0.304				<i>ACSS3</i>	TSS1500
cg08662017	11	12,031,093	0.000346	0.315	0.279				<i>DKK3</i>	TSS1500
cg05901357	2	27,529,325	4.03E-17	0.315	0.298				<i>TRIM54</i>	Body
cg08472142	1	155,007,166	1.01E-07	0.315	0.244				<i>DCST1</i>	Body
cg06736785	7	132,260,175	5.23E-12	0.315	0.268				<i>PLXNA4</i>	5'UTR
cg05143887	12	81,471,938	0.0102	0.315	0.337				<i>ACSS3</i>	1stExon
cg02305765	12	53,107,910	5.78E-22	0.315	0.258					
cg05847960	20	10,152,774	0.020498	0.315	0.163					
cg08278108	17	48,042,917	1.62E-11	0.315	0.321					
cg09969043	15	96,868,971	5.54E-07	0.315	0.258				<i>NR2F2</i>	TSS200
cg10332649	2	149,932,635	5.81E-15	0.315	0.306				<i>LYPD6B</i>	5'UTR
cg14360865	18	59,560,371	4.96E-08	0.315	0.250				<i>RNF152</i>	TSS200
cg18809126	3	11,623,526	8.36E-07	0.315	0.272				<i>VGLL4</i>	Body
cg06087421	1	47,695,138	0.002252	0.315	0.336				<i>TAL1</i>	5'UTR
cg06673178	X	50,557,022	0.027205	0.315	0.392				<i>SHROOM4</i>	5'UTR
cg07201456	16	75,528,813	0.005301	0.315	0.292				<i>CHST6</i>	5'UTR
cg21480420	X	119,445,407	1.34E-15	0.315	0.314				<i>FAM70A</i>	TSS200
cg06127885	15	45,421,068	7.6E-26	0.315	0.314				<i>DUOX1</i>	TSS1500
cg03891590	10	21,814,313	1.17E-17	0.315	0.268				<i>C10orf140</i>	5'UTR
cg24030507	5	139,089,274	5.03E-05	0.315	0.342					
cg02388150	8	41,165,699	0.000427	0.315	0.160	1.39E-14	0.184		<i>SFRP1</i>	Body
cg26613811	7	150,054,588	3.37E-19	0.315	0.301					
cg01110759	16	56,672,387	2.25E-07	0.315	0.296				<i>MT1A</i>	TSS200
cg09076334	13	24,477,870	1.95E-10	0.315	0.331					
cg06815411	4	57,737,651	6.49E-11	0.315	0.325					
cg16407699	10	74,020,428	2.77E-12	0.315	0.304					
cg21593030	11	70,952,175	0.001458	0.315	0.304					
cg22395765	7	157,362,094	6.1E-18	0.315	0.317				<i>PTPRN2</i>	Body
cg16440629	17	44,896,147	3.46E-07	0.315	0.336				<i>WNT3</i>	TSS200
cg17616554	7	117,119,611	7.72E-07	0.315	0.303				<i>CFTR</i>	TSS1500

cg12975230	18	73,167,671	0.01319	0.315	0.096					
cg07189401	11	19,736,333	2.66E-06	0.315	0.309				<i>LOC100126784</i>	TSS200
cg08690459	11	47,279,586	6.52E-23	0.315	0.299				<i>NR1H3</i>	1stExon
cg06320380	2	218,770,208	3.2E-16	0.315	0.307				<i>TNS1</i>	5'UTR
cg21679391	1	1,286,917	2.27E-27	0.315	0.288					
cg07841815	7	100,318,223	0.001083	0.315	0.196				<i>EPO</i>	TSS200
cg13398947	6	30,418,494	2.34E-07	0.315	0.295					
cg27347290	6	31,831,439	2.68E-06	0.315	0.301				<i>NEU1</i>	TSS1500
cg09292244	8	8,182,618	9.47E-20	0.315	0.304				<i>PRAGMIN</i>	Body
cg13036381	3	159,942,495	8.13E-07	0.315	0.280				<i>LOC401097</i>	TSS1500
cg20930202	6	139,613,456	7.75E-10	0.315	0.328				<i>TXLNB</i>	TSS1500
cg00956964	18	12,420,862	2.75E-13	0.315	0.266				<i>SLMO1</i>	Body
cg19744936	19	15,343,395	0.001771	0.315	0.349				<i>EPHX3</i>	5'UTR
cg19623012	11	116,371,330	0.000974	0.315	0.275					
cg22884656	2	45,157,296	0.001221	0.315	0.318					
cg17012202	6	31,830,656	0.042954	0.315	0.285				<i>NEU1</i>	5'UTR
cg05741937	12	104,609,797	3.81E-07	0.315	0.314				<i>TXNRD1</i>	Body
cg16065922	7	71,912,239	0.000143	0.315	0.370					
cg18427787	20	45,087,990	0.00341	0.315	0.132					
cg11601252	15	68,122,139	0.006896	0.314	0.315				<i>LBXCOR1</i>	Body
cg25129414	X	152,848,639	1.89E-19	0.314	0.308					
cg06644669	6	30,653,799	8.98E-10	0.314	0.317				<i>KIAA1949</i>	5'UTR
cg13611347	18	31,739,207	0.018418	0.314	0.382				<i>NOL4</i>	Body
cg06511330	1	234,635,574	2.6E-19	0.314	0.293					
cg15298059	7	157,668,141	5.02E-09	0.314	0.243				<i>PTPRN2</i>	Body
cg17175208	1	6,241,179	0.000276	0.314	0.222				<i>CHD5</i>	TSS1500
cg14009098	1	234,041,306	3.59E-08	0.314	0.278				<i>SLC35F3</i>	Body
cg08161323	4	74,734,762	0.000538	0.314	0.222				<i>CXCL1</i>	TSS1500
cg17406248	9	97,807,693	9.57E-16	0.314	0.300				<i>C9orf3</i>	Body
cg16281276	11	7,695,528	0.001463	0.314	0.251				<i>CYB5R2</i>	TSS1500
cg18135771	3	13,323,959	6.8E-06	0.314	0.348					
cg06890747	7	39,649,290	0.000605	0.314	0.276				<i>LOC646999</i>	Body
cg09715059	6	32,223,336	6.76E-08	0.314	0.308					
cg13651833	9	71,788,748	1.69E-19	0.314	0.325				<i>TJP2</i>	TSS1500

cg19873536	10	116,475,283	1.74E-17	0.314	0.277					
cg20288341	6	31,683,131	6.99E-20	0.314	0.300				<i>LY6G6E</i>	TSS1500
cg12841929	X	50,557,522	1.12E-06	0.314	0.310				<i>SHROOM4</i>	TSS1500
cg08351336	5	71,014,820	2.55E-07	0.314	0.276				<i>CARTPT</i>	TSS200
cg08571859	5	112,073,350	0.005412	0.314	0.145				<i>APC</i>	TSS1500
cg24006126	1	155,290,813	1.19E-07	0.314	0.275				<i>RUSC1</i>	5'UTR
cg14661148	5	71,852,862	0.018578	0.314	0.237					
cg15068733	17	7,342,846	1.19E-06	0.314	0.189	2.9E-11	0.150		<i>FGF11</i>	1stExon
cg16854986	4	77,872,417	0.038517	0.314	0.096				<i>SEPT11</i>	Body
cg13186286	14	91,580,451	0.012713	0.314	0.142				<i>C14orf159</i>	1stExon
cg21462428	12	4,381,448	0.000211	0.314	0.306				<i>CCND2</i>	TSS1500
cg21251140	2	181,544,642	3.15E-06	0.314	0.255					
cg16448636	7	21,209,509	1.2E-15	0.314	0.299					
cg00301159	3	157,260,788	4.55E-07	0.314	0.335				<i>C3orf55</i>	TSS1500
cg23207676	19	41,073,603	0.004289	0.314	0.217				<i>SPTBN4</i>	Body
cg17282004	11	47,615,333	2.93E-10	0.314	0.260				<i>C1QTNF4</i>	5'UTR
cg00901051	1	208,132,490	0.000761	0.314	0.293					
cg22491548	7	128,000,861	0.002414	0.314	0.325				<i>PRRT4</i>	5'UTR
cg05490712	11	31,838,674	0.000493	0.314	0.355				<i>PAX6</i>	5'UTR
cg20024850	X	138,774,368	0.026947	0.314	0.349				<i>MCF2</i>	5'UTR
cg23965061	8	22,960,599	0.005867	0.314	0.268				<i>TNFRSF10C</i>	5'UTR
cg26120958	11	6,439,806	1.2E-06	0.314	0.188				<i>APBB1</i>	5'UTR
cg07537562	7	51,539,514	5.38E-08	0.314	0.275					
cg09340741	X	46,432,858	3.91E-05	0.314	0.308				<i>CHST7</i>	TSS1500
cg13768137	2	177,039,426	1.26E-09	0.314	0.301					
cg07197059	14	23,836,012	5.51E-15	0.314	0.314	4.76E-23	0.172		<i>EFS</i>	TSS1500
cg11736020	6	30,651,511	2.4E-06	0.314	0.348				<i>KIAA1949</i>	Body
cg23931734	15	63,673,013	2.69E-13	0.314	0.311				<i>CA12</i>	Body
cg17913386	3	48,632,582	0.000188	0.314	0.309				<i>COL7A1</i>	1stExon
cg21929473	14	51,862,102	7E-21	0.314	0.316					
cg26830038	2	219,846,925	4.15E-29	0.314	0.324				<i>FEV</i>	Body
cg03607179	9	139,236,708	7.16E-24	0.314	0.300				<i>GPSM1</i>	Body
cg25943118	11	121,260,362	1.53E-12	0.314	0.321					
cg20638675	10	45,374,906	0.028467	0.314	0.176					

cg21817737	11	89,867,704	3.95E-05	0.314	0.386				<i>NAALAD2</i>	TSS200
cg02017718	12	54,441,055	1.73E-07	0.314	0.258				<i>HOXC4</i>	5'UTR
cg08313757	2	97,428,708	1.76E-08	0.314	0.235				<i>CNNM4</i>	Body
cg23647143	X	9,432,556	0.009625	0.314	0.296				<i>TBL1X</i>	5'UTR
cg03848381	15	40,575,645	0.000621	0.314	0.220					
cg05924540	4	140,200,723	0.000366	0.314	0.253				<i>C4orf49</i>	Body
cg27305383	4	57,522,795	1.78E-08	0.314	0.300				<i>HOPX</i>	5'UTR
cg22579265	10	94,180,383	1.19E-06	0.314	0.250					
cg21708058	8	38,585,602	4.67E-12	0.314	0.315				<i>TACC1</i>	TSS200
cg24505687	6	33,548,425	1.01E-05	0.314	0.242				<i>BAK1</i>	TSS1500
cg02256049	11	115,531,001	1.52E-08	0.314	0.287					
cg23473396	X	25,041,134	0.015795	0.313	0.331					
cg05360958	12	15,038,440	3.49E-07	0.313	0.300				<i>MGP</i>	Body
cg20657849	6	28,557,400	0.004444	0.313	0.269					
cg04502985	5	77,268,452	0.000297	0.313	0.343					
cg05447008	6	73,331,114	0.044984	0.313	0.400				<i>KCNQ5</i>	TSS1500
cg01349903	7	71,148,142	3.19E-07	0.313	0.270				<i>WBSCR17</i>	Body
cg21581873	1	204,329,307	2.85E-09	0.313	0.321	5.7E-38	0.236		<i>PLEKHA6</i>	TSS1500
cg07041883	5	76,476,158	0.008648	0.313	0.296					
cg18602913	19	16,022,934	2.28E-06	0.313	0.274					
cg15661753	12	49,627,010	7.51E-05	0.313	0.364					
cg23836904	2	25,599,488	0.000146	0.313	0.232					
cg04285275	16	31,549,141	1.81E-06	0.313	0.408					
cg00913949	1	217,311,511	2.23E-07	0.313	0.312				<i>ESRRG</i>	TSS1500
cg19610905	11	61,596,333	0.011827	0.313	0.433				<i>FADS2</i>	Body
cg18793215	1	156,674,685	1.71E-10	0.313	0.262				<i>CRABP2</i>	Body
cg02142483	16	84,560,555	3.11E-05	0.313	0.284					
cg03061435	1	205,537,833	2.19E-07	0.313	0.245				<i>MFSD4</i>	TSS1500
cg25528646	X	151,143,302	0.011558	0.313	0.411				<i>GABRE</i>	TSS200
cg10990170	6	29,974,521	1.9E-14	0.313	0.317				<i>HLA-J</i>	Body
cg15031661	1	240,256,603	0.024152	0.313	0.319				<i>FMN2</i>	1stExon
cg16965552	1	48,937,016	6.16E-20	0.313	0.304				<i>SPATA6</i>	Body
cg06825512	18	10,453,969	3.15E-22	0.313	0.304				<i>APCDD1</i>	TSS1500
cg01749753	21	38,580,812	5.64E-09	0.313	0.245				<i>DSCR9</i>	TSS200

cg05854114	12	77,719,408	0.008974	0.313	0.259					
cg23723410	1	59,486,037	5.45E-07	0.313	0.301					
cg07687766	7	129,421,353	0.007835	0.313	0.321					
cg16661628	20	32,857,227	0.000174	0.313	0.210					
cg22381068	1	906,363	1.01E-09	0.313	0.342				<i>PLEKHN1</i>	Body
cg02210123	14	63,670,835	0.029977	0.313	0.143	0.00017193	0.051		<i>RHOJ</i>	TSS1500
cg04474049	7	116,164,533	1.94E-09	0.313	0.228				<i>CAV1</i>	TSS1500
cg22450968	7	156,871,234	3E-05	0.313	0.307					
cg23586322	8	121,138,232	0.004434	0.313	0.377				<i>COL14A1</i>	5'UTR
cg06607384	14	91,579,859	6.99E-10	0.313	0.279				<i>C14orf159</i>	TSS1500
cg20931973	6	110,679,832	9.26E-07	0.313	0.190				<i>C6orf186</i>	TSS1500
cg21579399	2	11,890,700	8.51E-13	0.313	0.300				<i>LPIN1</i>	5'UTR
cg01635061	6	33,160,234	5.03E-05	0.313	0.302				<i>COL11A2</i>	5'UTR
cg23244913	6	29,943,401	1.19E-07	0.313	0.314	9.08E-12	0.192		<i>HCG9</i>	Body
cg08269485	11	1,769,382	0.035268	0.313	0.199				<i>HCCA2</i>	Body
cg12136608	3	3,840,360	0.01881	0.313	0.074				<i>LRRN1</i>	TSS1500
cg10777851	3	112,051,808	0.001039	0.313	0.424	5.02E-19	0.138		<i>CD200</i>	TSS200
cg25340966	1	119,532,195	0.001873	0.313	0.384				<i>TBX15</i>	TSS200
cg17547524	X	117,629,324	0.044108	0.313	0.241				<i>DOCK11</i>	TSS1500
cg12439325	12	51,236,768	0.00028	0.313	0.222				<i>TMPRSS12</i>	1stExon
cg02776664	19	12,978,624	0.002585	0.313	0.349				<i>MAST1</i>	Body
cg03443331	2	97,302,668	3.51E-11	0.313	0.316				<i>KIAA1310</i>	Body
cg13939204	9	130,667,057	1.51E-17	0.313	0.294					
cg16895261	4	3,391,305	8.77E-21	0.313	0.316				<i>RGS12</i>	Body
cg22876812	2	71,116,188	0.000884	0.313	0.286					
cg18704110	2	73,143,534	0.004335	0.313	0.209				<i>EMX1</i>	TSS1500
cg12669543	3	9,225,565	2.96E-15	0.313	0.298				<i>SRGAP3</i>	Body
cg05036846	1	24,648,984	4.11E-12	0.313	0.335				<i>GRHL3</i>	TSS1500
cg12978800	7	151,403,164	3.19E-12	0.313	0.333				<i>PRKAG2</i>	Body
cg07317017	15	74,218,715	1.99E-21	0.313	0.297				<i>LOXL1</i>	TSS200
cg25513433	11	10,316,555	8.07E-09	0.313	0.235				<i>SBF2</i>	TSS1500
cg06679334	17	35,241,844	0.00343	0.313	0.343					
cg13668207	12	65,904,452	3.8E-13	0.313	0.329					
cg10664112	2	149,645,559	9.24E-06	0.313	0.298				<i>KIF5C</i>	Body

cg19679123	15	67,430,336	3.1E-19	0.313	0.302				<i>SMAD3</i>	Body
cg02147764	2	45,169,681	5.04E-08	0.313	0.317				<i>SIX3</i>	1stExon
cg09296957	11	67,418,310	4.78E-13	0.313	0.312				<i>ACY3</i>	TSS200
cg18121066	17	80,794,274	9.4E-05	0.313	0.307				<i>TBCD</i>	Body
cg03026373	17	36,715,787	0.002833	0.313	0.327				<i>SRCIN1</i>	Body
cg25529319	X	154,842,320	0.001446	0.313	0.304				<i>TMLHE</i>	5'UTR
cg04843555	5	17,360,014	1.5E-28	0.313	0.299					
cg09266771	12	63,207,138	1.77E-18	0.313	0.310				<i>PPM1H</i>	Body
cg03405909	11	31,845,639	0.000346	0.313	0.259					
cg19756790	2	45,176,863	3.48E-05	0.313	0.208					
cg10357657	19	17,958,633	1.12E-06	0.313	0.276				<i>JAK3</i>	5'UTR
cg16585682	5	180,017,623	0.001197	0.313	0.260	1.33E-25	0.202		<i>SCGB3A1</i>	Body
cg05949640	4	2,627,057	1.14E-24	0.313	0.305				<i>FAM193A</i>	TSS200
cg14167596	4	4,862,910	4.44E-07	0.313	0.328	3.27E-13	0.190		<i>MSX1</i>	Body
cg21264055	6	30,523,242	2.23E-13	0.313	0.252	6.36E-26	0.250		<i>GNL1</i>	Body
cg08892236	1	21,978,698	4.81E-07	0.312	0.280				<i>RAP1GAP</i>	5'UTR
cg15100135	17	4,891,775	6.9E-09	0.312	0.226				<i>INCA1</i>	Body
cg27549944	1	204,328,843	4.03E-22	0.312	0.295	2.39E-25	0.160		<i>PLEKHA6</i>	5'UTR
cg06453916	16	29,690,524	5.44E-15	0.312	0.331				<i>QPRT</i>	1stExon
cg06060835	6	31,913,809	0.000352	0.312	0.325				<i>CFB</i>	1stExon
cg05391318	1	200,011,684	0.023004	0.312	0.372				<i>NR5A2</i>	Body
cg24847366	12	125,034,283	7E-45	0.312	0.309					
cg00324161	3	156,009,680	7.3E-06	0.312	0.281				<i>KCNAB1</i>	Body
cg20114732	6	166,579,135	1.77E-06	0.312	0.280				<i>T</i>	Body
cg19766441	4	25,657,365	0.005861	0.312	0.175				<i>SLC34A2</i>	TSS200
cg21687563	22	28,838,019	2.33E-06	0.312	0.297				<i>TTC28</i>	Body
cg25076459	7	96,655,889	5.3E-10	0.312	0.263					
cg23255964	5	138,862,353	5.72E-07	0.312	0.291				<i>TMEM173</i>	TSS200
cg26073933	1	156,390,102	4.02E-07	0.312	0.323				<i>C1orf61</i>	5'UTR
cg09581551	6	107,810,162	0.000532	0.312	0.180				<i>SOBP</i>	TSS1500
cg04631202	1	25,942,460	0.002073	0.312	0.198	4.66E-24	0.209		<i>MAN1C1</i>	TSS1500
cg23255934	2	151,025,188	3.44E-07	0.312	0.266					
cg14871601	7	64,030,039	1.15E-08	0.312	0.320					
cg20014822	11	69,517,103	1.28E-05	0.312	0.293				<i>FGF19</i>	Body

cg01753263	5	171,879,957	4.6E-17	0.312	0.312				<i>SH3PXD2B</i>	Body
cg09256201	2	43,019,484	8.97E-10	0.312	0.201				<i>HAAO</i>	Body
cg10111629	1	113,067,124	1.44E-24	0.312	0.296				<i>ST7L</i>	3'UTR
cg23999170	1	115,628,111	4.3E-07	0.312	0.312				<i>TSPAN2</i>	Body
cg21942082	5	80,690,225	3.13E-20	0.312	0.288	9.9E-18	0.155		<i>RNU5E</i>	Body
cg13308137	11	47,528,955	8.24E-18	0.312	0.294				<i>CUGBP1</i>	5'UTR
cg13945224	9	98,111,970	2.05E-05	0.312	0.303					
cg05937737	3	170,303,540	6.32E-11	0.312	0.301				<i>SLC7A14</i>	5'UTR
cg25127852	22	50,523,703	2.11E-08	0.312	0.302				<i>MLC1</i>	5'UTR
cg19601636	22	20,001,066	9.16E-19	0.312	0.295				<i>ARVCF</i>	5'UTR
cg12434571	17	4,511,132	1.15E-07	0.312	0.265				<i>SMTNL2</i>	3'UTR
cg05486035	16	56,697,088	0.001303	0.312	0.338					
cg05994850	6	30,095,341	4.29E-17	0.312	0.290					
cg14167389	1	32,708,250	7.36E-23	0.312	0.305				<i>MTMR9L</i>	TSS1500
cg04918175	1	53,527,424	1.68E-16	0.312	0.281				<i>PODN</i>	TSS1500
cg16735495	7	105,690,812	2.86E-15	0.312	0.299					
cg02737619	1	2,222,440	2.84E-08	0.312	0.315				<i>SKI</i>	Body
cg23918923	7	134,144,118	0.000174	0.312	0.175				<i>AKR1B1</i>	TSS1500
cg00446414	8	29,387,350	0.000128	0.312	0.288					
cg22626659	3	52,334,181	1.16E-08	0.312	0.275					
cg11651220	1	20,512,944	1.84E-06	0.312	0.287				<i>UBXN10</i>	5'UTR
cg14759043	12	3,862,597	0.001348	0.312	0.225	1.43E-11	0.129		<i>EFCAB4B</i>	TSS1500
cg13740187	1	154,164,699	8.7E-09	0.312	0.313				<i>TPM3</i>	TSS200
cg19839655	20	44,746,499	0.00117	0.312	0.428				<i>CD40</i>	TSS1500
cg06242243	12	124,992,461	1.19E-15	0.312	0.322				<i>NCOR2</i>	5'UTR
cg14176966	12	2,944,286	0.001543	0.312	0.175				<i>NRIP2</i>	TSS200
cg04151062	1	116,710,943	0.000141	0.312	0.271					
cg04276508	6	50,819,054	9.99E-07	0.312	0.309					
cg12985929	17	75,370,611	5.7E-06	0.312	0.241				<i>SEPT9</i>	5'UTR
cg19766820	5	783,220	1.37E-08	0.312	0.296					
cg09161412	17	18,057,145	0.028263	0.312	0.240				<i>MYO15A</i>	Body
cg01340991	6	33,397,233	5.78E-22	0.312	0.301				<i>SYNGAP1</i>	Body
cg09603829	2	54,054,349	1.67E-14	0.312	0.303				<i>LOC100302652</i>	Body
cg08829299	11	288,305	0.00067	0.312	0.258				<i>ATHL1</i>	TSS1500



cg09775533	20	32,857,151	0.000118	0.312	0.210					
cg04001842	15	45,406,939	1.99E-06	0.312	0.310	5.59E-20	0.181		<i>DUOXA2</i>	1stExon
cg00499837	11	119,542,542	7.5E-18	0.312	0.291				<i>PVRL1</i>	Body
cg18840956	5	95,769,005	0.031877	0.312	0.271				<i>PCSK1</i>	TSS200
cg00537210	2	23,786,588	2.78E-14	0.312	0.313				<i>KLHL29</i>	Body
cg19968840	15	45,409,319	8.22E-09	0.312	0.316				<i>DUOXA2</i>	Body
cg04916091	19	17,958,647	8.63E-05	0.312	0.274				<i>JAK3</i>	5'UTR
cg03154690	5	59,188,920	1.14E-16	0.312	0.298				<i>PDE4D</i>	Body
cg07090980	17	873,255	8.59E-14	0.312	0.286				<i>NXN</i>	Body
cg19124509	4	87,281,412	3.69E-10	0.312	0.309				<i>MAPK10</i>	TSS200
cg18036081	22	29,605,147	4.19E-23	0.311	0.279				<i>EMID1</i>	Body
cg18390610	17	48,278,927	0.001645	0.311	0.200				<i>COL1A1</i>	1stExon
cg02481934	6	26,271,193	1.78E-08	0.311	0.306				<i>HIST1H3G</i>	3'UTR
cg05571820	4	5,709,858	0.000558	0.311	0.241				<i>EVC2</i>	5'UTR
cg25694349	12	133,065,906	0.040325	0.311	0.311				<i>FBRSL1</i>	TSS1500
cg00482488	17	70,216,332	0.000511	0.311	0.323					
cg12252090	8	49,833,279	4.6E-07	0.311	0.327				<i>SNAI2</i>	Body
cg21450228	3	23,727,711	2.86E-17	0.311	0.312					
cg25587431	3	177,542,099	8.74E-06	0.311	0.342					
cg25650256	5	171,538,557	5.24E-08	0.311	0.295				<i>STK10</i>	Body
cg02979711	6	29,855,338	3.27E-22	0.311	0.287				<i>HLA-H</i>	TSS200
cg05636175	8	22,960,397	0.002504	0.311	0.218	6.96E-24	0.227		<i>TNFRSF10C</i>	TSS200
cg13578841	15	57,719,922	7.47E-40	0.311	0.288				<i>CGNL1</i>	5'UTR
cg25542041	9	124,982,087	1.03E-05	0.311	0.339				<i>LHX6</i>	Body
cg00747975	14	77,333,987	4.31E-05	0.311	0.291				<i>C14orf166B</i>	Body
cg02003184	19	51,324,465	1.86E-06	0.311	0.289				<i>KLK1</i>	Body
cg09442613	12	76,054,089	0.000683	0.311	0.332					
cg21944491	19	41,119,829	0.006111	0.311	0.170			Yes	<i>LTBP4</i>	Body
cg03913921	7	120,496,827	2.47E-13	0.311	0.261				<i>TSPAN12</i>	5'UTR
cg07717632	9	140,172,631	2.67E-11	0.311	0.298	1.73E-16	0.154		<i>C9orf167</i>	5'UTR
cg15965716	1	164,688,315	5.38E-28	0.311	0.307				<i>PBX1</i>	Body
cg02753187	17	46,919,180	1E-11	0.311	0.292				<i>CALCOCO2</i>	Body
cg20299703	1	65,731,886	1.59E-08	0.311	0.266				<i>DNAJC6</i>	Body
cg26230651	2	114,048,973	1.14E-08	0.311	0.279				<i>LOC440839</i>	Body

cg09137696	16	56,672,415	1.76E-05	0.311	0.271				<i>MT1A</i>	TSS200
cg03239552	12	54,339,653	0.000328	0.311	0.343				<i>HOXC13</i>	3'UTR
cg20388732	17	40,439,433	7.3E-08	0.311	0.278				<i>STAT5A</i>	TSS200
cg16875629	19	36,389,575	0.012566	0.311	0.195				<i>NFKBID</i>	5'UTR
cg11064454	8	74,363,469	2.54E-21	0.311	0.283				<i>STAU2</i>	Body
cg25888700	X	21,676,344	0.034244	0.311	0.336				<i>KLHL34</i>	5'UTR
cg20618441	19	53,039,444	3.43E-06	0.311	0.313				<i>ZNF808</i>	5'UTR
cg26677584	13	28,541,468	0.000345	0.311	0.227				<i>CDX2</i>	Body
cg10244368	19	53,039,145	2.44E-06	0.311	0.311				<i>ZNF808</i>	5'UTR
cg26232553	8	101,471,097	4.26E-07	0.311	0.302					
cg03738352	4	25,657,381	0.003745	0.311	0.175				<i>SLC34A2</i>	TSS200
cg10351914	17	19,290,690	4.58E-39	0.311	0.304				<i>MFAP4</i>	TSS200
cg20027133	11	35,547,514	1.02E-13	0.311	0.300				<i>PAMR1</i>	TSS1500
cg20885179	3	38,035,831	0.046173	0.311	0.120				<i>VILL</i>	Body
cg14019323	12	65,218,413	0.041103	0.311	0.064					
cg00237268	4	7,287,615	1.35E-05	0.311	0.241				<i>SORCS2</i>	Body
cg11605903	6	78,176,622	0.006148	0.311	0.320					
cg00388195	7	96,647,323	3.27E-09	0.311	0.306					
cg20911718	14	24,867,491	1.91E-30	0.311	0.300				<i>NYNRIN</i>	TSS1500
cg26567163	10	66,268,067	9.68E-07	0.311	0.368					
cg12317456	16	55,512,868	3.37E-06	0.311	0.277	3.54E-24	0.199		<i>MMP2</i>	TSS1500
cg10986455	X	69,642,862	2.7E-27	0.311	0.299				<i>GDPD2</i>	TSS200
cg05548912	17	40,464,318	0.010118	0.311	0.388					
cg11448683	1	45,274,099	1.27E-06	0.311	0.305				<i>TCTEX1D4</i>	TSS1500
cg18276112	7	4,755,032	3.63E-27	0.311	0.300				<i>FOXK1</i>	Body
cg22763593	2	135,125,439	5.09E-16	0.311	0.313			Yes	<i>MGAT5</i>	Body
cg04124352	5	33,892,429	0.000151	0.311	0.344				<i>ADAMTS12</i>	TSS1500
cg07200348	13	36,045,201	1.5E-06	0.311	0.341				<i>NBEA</i>	Body
cg01791371	6	50,817,193	6.3E-05	0.311	0.365					
cg16590821	X	118,107,876	0.046147	0.311	0.409				<i>LONRF3</i>	TSS1500
cg16933386	10	124,906,011	1.36E-06	0.311	0.319					
cg24279017	12	11,877,740	2.81E-13	0.311	0.312			Yes	<i>ETV6</i>	Body
cg19007269	10	105,420,501	5.13E-09	0.311	0.239				<i>SH3PXD2A</i>	Body
cg07810726	5	158,524,649	0.015569	0.311	0.363				<i>EBF1</i>	Body

cg13419869	1	200,863,686	6.64E-08	0.311	0.343				<i>C1orf106</i>	TSS1500
cg17766007	19	51,522,921	2.85E-07	0.311	0.339				<i>KLK10</i>	5'UTR
cg07451886	16	3,097,405	2.49E-10	0.311	0.298				<i>MMP25</i>	Body
cg15965190	2	208,370,032	3.46E-12	0.311	0.317					
cg00514407	2	224,904,626	2.34E-05	0.311	0.215	5.66E-29	0.264		<i>SERPINE2</i>	TSS1500
cg22149516	5	101,632,314	2.06E-09	0.311	0.280				<i>SLCO4C1</i>	TSS200
cg27345757	3	123,602,795	1.85E-06	0.311	0.284				<i>MYLK</i>	5'UTR
cg17053251	10	43,429,459	1.54E-07	0.311	0.326					
cg24476033	19	6,710,658	0.000278	0.311	0.349				<i>C3</i>	Body
cg01034993	15	68,992,751	2.32E-20	0.310	0.293				<i>CORO2B</i>	Body
cg01486558	3	42,132,870	7.32E-12	0.310	0.297				<i>TRAK1</i>	1stExon
cg05669418	2	177,022,962	0.001666	0.310	0.311					
cg06588556	11	18,477,299	5.78E-07	0.310	0.248				<i>LDHAL6A</i>	TSS200
cg17858328	1	92,952,521	5.97E-06	0.310	0.280				<i>GFI1</i>	TSS1500
cg25099516	1	48,288,813	1.47E-19	0.310	0.337					
cg11825059	7	14,876,371	1.64E-17	0.310	0.297				<i>DGKB</i>	Body
cg04436755	15	74,218,767	5.05E-16	0.310	0.296				<i>LOXL1</i>	TSS200
cg23387401	17	4,582,204	3.64E-14	0.310	0.313				<i>PELP1</i>	Body
cg15719255	19	18,508,620	9.13E-12	0.310	0.294				<i>LRRC25</i>	TSS1500
cg18061197	8	101,117,958	1.53E-16	0.310	0.301				<i>RGS22</i>	Body
cg27549720	1	19,992,167	1.36E-06	0.310	0.303				<i>HTR6</i>	5'UTR
cg10377903	10	101,290,699	0.015413	0.310	0.389					
cg15374435	13	80,911,692	7.66E-06	0.310	0.292				<i>SPRY2</i>	Body
cg19713460	22	39,745,530	4.34E-22	0.310	0.284				<i>SYNGR1</i>	TSS1500
cg24080793	17	62,097,951	0.000456	0.310	0.279				<i>ICAM2</i>	5'UTR
cg00091953	4	143,326,541	0.035252	0.310	0.193				<i>INPP4B</i>	Body
cg09486778	2	223,169,609	9.9E-05	0.310	0.351				<i>CCDC140</i>	3'UTR
cg14780837	22	39,760,267	2.71E-15	0.310	0.321				<i>SYNGR1</i>	Body
cg16202470	17	8,907,213	1.37E-06	0.310	0.301					
cg23330006	12	106,507,713	2.22E-09	0.310	0.273				<i>NUAK1</i>	Body
cg25120326	3	13,591,084	3.05E-10	0.310	0.298				<i>FBLN2</i>	5'UTR
cg06776898	15	73,611,079	0.001607	0.310	0.338					
cg07775292	22	30,720,496	2.28E-10	0.310	0.330				<i>TBC1D10A</i>	Body
cg24596132	15	89,456,136	4.55E-05	0.310	0.243				<i>MFGE8</i>	Body

cg07891531	16	3,221,328	0.000422	0.310	0.357					
cg23965931	4	184,828,386	2.84E-07	0.310	0.314				<i>STOX2</i>	Body
cg25741533	19	5,829,199	1.83E-07	0.310	0.216					
cg12726120	1	244,892,984	1.43E-07	0.310	0.243					
cg17140469	8	18,238,381	8.16E-10	0.310	0.301					
cg18703238	13	108,922,361	8.86E-07	0.310	0.276				<i>TNFSF13B</i>	1stExon
cg13430464	11	74,408,131	1.34E-22	0.310	0.299				<i>CHRD2</i>	Body
cg15648389	12	54,448,769	3.47E-12	0.310	0.273				<i>HOXC4</i>	Body
cg03010301	19	52,195,499	5.59E-10	0.310	0.274				<i>MIR125A</i>	TSS1500
cg17905084	1	161,697,281	0.000259	0.310	0.302				<i>FCRLB</i>	Body
cg27521476	10	102,896,376	1.48E-10	0.310	0.257				<i>TLX1</i>	Body
cg20805133	2	242,802,192	2.79E-06	0.310	0.307				<i>PDCD1</i>	TSS1500
cg05700129	1	1,935,125	0.000335	0.310	0.344				<i>KIAA1751</i>	5'UTR
cg08263589	3	14,852,659	0.004855	0.310	0.345					
cg16115588	12	50,297,588	2.33E-05	0.310	0.210				<i>FAIM2</i>	1stExon
cg06721528	1	40,781,824	0.001686	0.310	0.197				<i>COL9A2</i>	Body
cg04974290	17	5,001,047	0.000941	0.310	0.322					
cg00368055	4	11,429,689	1.03E-08	0.310	0.315				<i>HS3ST1</i>	5'UTR
cg08965276	16	1,030,586	1.79E-19	0.310	0.297				<i>SOX8</i>	TSS1500
cg05204123	17	1,613,017	1.29E-05	0.310	0.213				<i>TLCD2</i>	Body
cg16405026	2	145,281,942	0.017808	0.310	0.343					
cg14291663	9	135,454,951	2.68E-09	0.310	0.300					
cg26596719	7	142,986,429	1.45E-22	0.310	0.299				<i>CASP2</i>	Body
cg03442712	15	86,292,964	3.17E-37	0.310	0.309					
cg25616777	1	27,645,056	2.17E-06	0.310	0.254					
cg09639151	5	140,810,920	1.17E-06	0.310	0.331				<i>PCDHGA4</i>	Body
cg17918556	2	169,372,300	4.95E-16	0.310	0.313				<i>LASS6</i>	Body
cg23710748	7	124,431,027	1.83E-05	0.310	0.341					
cg09811860	1	211,803,715	3.92E-24	0.310	0.290					
cg22304255	6	29,975,204	2.31E-13	0.310	0.295				<i>HLA-J</i>	Body
cg13376290	17	4,614,420	0.021787	0.310	0.108				<i>ARRB2</i>	Body
cg19275261	18	5,630,072	0.004559	0.310	0.372					
cg08760398	X	119,442,971	0.008837	0.310	0.402				<i>FAM70A</i>	Body
cg09109450	2	21,022,565	0.000277	0.310	0.274	7.69E-22	0.193		<i>C2orf43</i>	5'UTR

cg04528829	12	115,133,294	1.29E-14	0.310	0.292					
cg13564825	19	38,747,201	0.016902	0.310	0.270				<i>PPP1R14A</i>	TSS200
cg00037457	17	59,531,744	3.41E-08	0.310	0.307					
cg22336337	8	53,161,949	1.19E-21	0.310	0.306				<i>ST18</i>	5'UTR
cg01812599	10	103,043,991	3.92E-06	0.310	0.253					
cg03365751	22	42,828,386	1.39E-17	0.310	0.294				<i>NFAM1</i>	1stExon
cg06539694	X	68,348,545	4.38E-08	0.310	0.308					
cg06148685	9	113,800,909	0.003767	0.310	0.227				<i>LPAR1</i>	TSS1500
cg03162045	3	142,443,933	0.000324	0.310	0.231				<i>TRPC1</i>	Body
cg11019430	10	29,096,857	1.2E-07	0.310	0.319					
cg03162492	3	134,010,471	1.8E-19	0.310	0.312					
cg23621729	1	1,935,445	0.000232	0.310	0.322				<i>KIAA1751</i>	TSS200
cg10512875	12	29,936,174	0.001939	0.310	0.238				<i>TMTC1</i>	5'UTR
cg16167741	1	41,174,793	0.014847	0.310	0.285				<i>NFYC</i>	5'UTR
cg02364610	11	46,317,036	0.000128	0.310	0.237				<i>CREB3L1</i>	Body
cg18741404	6	29,894,253	5.49E-08	0.310	0.296				<i>HCG4P6</i>	TSS1500
cg26034516	17	76,228,121	0.001239	0.310	0.344				<i>LOC283999</i>	Body
cg12071888	1	91,195,159	0.010621	0.310	0.342					
cg19013611	7	157,668,051	9.18E-08	0.310	0.238				<i>PTPRN2</i>	Body
cg10701640	17	43,249,399	8.94E-08	0.309	0.299					
cg26165269	17	77,765,514	0.003486	0.309	0.310					
cg09760963	4	154,680,808	0.003424	0.309	0.400				<i>RNF175</i>	Body
cg26606256	17	43,974,804	0.000189	0.309	0.287				<i>MAPT</i>	5'UTR
cg22921760	14	22,005,368	3.58E-24	0.309	0.318				<i>SALL2</i>	TSS200
cg09709472	8	10,586,959	6.36E-15	0.309	0.294				<i>SOX7</i>	Body
cg03870138	16	88,717,850	3.39E-08	0.309	0.311				<i>CYBA</i>	TSS1500
cg17010100	5	59,188,112	1.86E-13	0.309	0.289				<i>PDE4D</i>	Body
cg03717588	11	56,948,018	0.006741	0.309	0.303				<i>LRR55</i>	TSS1500
cg11703796	12	6,055,201	1.24E-10	0.309	0.263				<i>ANO2</i>	Body
cg14765959	6	106,429,316	0.001222	0.309	0.312					
cg12611243	5	149,897,230	1.24E-06	0.309	0.277				<i>NDST1</i>	5'UTR
cg04844714	8	10,872,604	0.000373	0.309	0.307				<i>XKR6</i>	Body
cg14563260	9	113,801,320	1.21E-08	0.309	0.212	7.46E-30	0.321		<i>LPAR1</i>	TSS1500
cg06018401	5	71,404,897	5.41E-06	0.309	0.294				<i>MAP1B</i>	Body

cg12973941	4	13,545,639	1.57E-06	0.309	0.289				<i>NKX3-2</i>	1stExon
cg25203031	1	66,999,813	0.005451	0.309	0.292				<i>SGIP1</i>	TSS200
cg00920892	8	37,732,224	1.52E-14	0.309	0.265				<i>RAB11FIP1</i>	Body
cg22274539	12	103,696,209	2.41E-05	0.309	0.220				<i>C12orf42</i>	Body
cg06580551	3	42,947,481	0.043654	0.309	0.210				<i>ZNF662</i>	TSS200
cg22247664	1	110,199,126	2.61E-09	0.309	0.304				<i>GSTM4</i>	Body
cg25834415	2	241,758,805	4.76E-05	0.309	0.250				<i>KIF1A</i>	5'UTR
cg01907098	21	45,149,141	6.61E-07	0.309	0.236				<i>PDXK</i>	Body
cg18586886	6	30,652,399	6.72E-11	0.309	0.316				<i>KIAA1949</i>	Body
cg01484686	6	106,258,629	2.69E-07	0.309	0.306					
cg20435725	2	107,103,716	0.020887	0.309	0.102					
cg24434800	1	119,542,295	0.001722	0.309	0.344					
cg11483789	3	122,745,560	2.16E-05	0.309	0.212				<i>SEMA5B</i>	5'UTR
cg00575003	1	217,261,949	4.15E-10	0.309	0.254				<i>ESRRG</i>	5'UTR
cg01242903	12	89,744,877	2.09E-11	0.309	0.325				<i>DUSP6</i>	Body
cg08703857	7	2,653,651	3.57E-14	0.309	0.307				<i>IQCE</i>	3'UTR
cg09213964	12	122,668,037	6.05E-08	0.309	0.275				<i>LRRC43</i>	5'UTR
cg09515442	X	48,689,942	0.000345	0.309	0.317				<i>PCSK1N</i>	Body
cg04243822	17	77,030,221	9.51E-13	0.309	0.283				<i>C1QTNF1</i>	5'UTR
cg10113101	7	30,029,743	0.006939	0.309	0.173				<i>SCRN1</i>	TSS1500
cg07831351	20	3,229,402	2.07E-06	0.309	0.311					
cg00005847	2	177,029,073	0.000352	0.309	0.242	1.03E-10	0.125		<i>HOXD3</i>	5'UTR
cg19006008	19	16,999,768	5.88E-07	0.309	0.266	3.79E-17	0.171		<i>F2RL3</i>	TSS200
cg02642117	6	21,033,836	6.52E-19	0.309	0.295				<i>CDKAL1</i>	Body
cg10136354	2	73,151,457	0.008343	0.309	0.234				<i>EMX1</i>	Body
cg23543318	4	1,195,845	2.12E-06	0.309	0.307				<i>LOC100130872</i>	Body
cg15985184	19	51,830,311	0.000233	0.309	0.382				<i>IGLON5</i>	Body
cg04738464	2	218,868,754	9.18E-22	0.309	0.292					
cg07844977	6	2,903,699	1.6E-06	0.309	0.277				<i>SERPINB9</i>	TSS200
cg19595012	4	81,106,312	0.016182	0.309	0.366				<i>PRDM8</i>	TSS200
cg05482942	10	102,899,285	0.000244	0.309	0.295					
cg26340149	11	69,988,497	8.71E-17	0.309	0.302				<i>ANO1</i>	Body
cg07095230	17	59,480,730	9.98E-06	0.309	0.260				<i>TBX2</i>	Body
cg07193234	15	28,341,783	3.52E-10	0.309	0.282				<i>OCA2</i>	5'UTR

cg13337740	17	33,446,298	1.82E-16	0.309	0.314				<i>RAD51L3</i>	Body
cg16731240	19	52,391,250	0.003059	0.309	0.283	7.45E-16	0.343		<i>ZNF577</i>	TSS200
cg14781778	22	45,608,692	1.33E-07	0.309	0.275				<i>C22orf9</i>	Body
cg21737226	8	53,326,668	1.23E-09	0.309	0.339					
cg06339706	19	49,371,285	2.19E-12	0.309	0.303	5.35E-23	0.220		<i>PLEKHA4</i>	5'UTR
cg18534077	10	104,628,846	5.67E-12	0.309	0.259				<i>AS3MT</i>	TSS1500
cg14001664	2	132,088,801	0.000182	0.309	0.297					
cg03449398	7	92,673,015	2.3E-13	0.309	0.281					
cg15936066	8	42,356,637	3.53E-12	0.309	0.295				<i>SLC20A2</i>	5'UTR
cg10259701	15	31,645,503	0.009367	0.309	0.189				<i>KLF13</i>	Body
cg01238435	5	141,595,696	0.000736	0.309	0.327					
cg22812684	1	70,035,392	7.21E-06	0.309	0.293					
cg11758283	6	7,998,697	5.49E-17	0.308	0.281					
cg26719062	6	30,095,349	3.2E-14	0.308	0.285					
cg25214310	3	149,934,218	3.11E-09	0.308	0.324					
cg00585901	1	155,035,388	0.015012	0.308	0.180				<i>EFNA4</i>	TSS1500
cg01704924	12	54,446,996	7.57E-09	0.308	0.264				<i>HOXC4</i>	5'UTR
cg11500797	7	96,652,123	4E-08	0.308	0.296	4.88E-14	0.212		<i>DLX5</i>	Body
cg12892471	12	50,616,779	7.42E-24	0.308	0.309				<i>LIMA1</i>	Body
cg24472939	4	175,139,486	0.001266	0.308	0.233					
cg06179011	11	843,897	3.52E-17	0.308	0.276				<i>TSPAN4</i>	TSS1500
cg07168526	7	116,797,907	3.42E-30	0.308	0.304				<i>ST7</i>	Body
cg20333836	1	156,215,418	6.08E-08	0.308	0.329				<i>PAQR6</i>	Body
cg10629004	20	21,696,467	2.22E-06	0.308	0.354				<i>PAX1</i>	3'UTR
cg07515422	19	40,993,713	6E-07	0.308	0.266				<i>SPTBN4</i>	Body
cg04596071	7	2,155,899	5.04E-21	0.308	0.309				<i>MAD1L1</i>	Body
cg12414174	12	89,748,895	7.37E-12	0.308	0.288					
cg15724945	1	119,548,527	4.16E-13	0.308	0.269					
cg23623270	17	42,402,962	6.53E-09	0.308	0.302				<i>SLC25A39</i>	TSS1500
cg10959198	15	93,632,896	1.23E-05	0.308	0.325				<i>RGMA</i>	TSS1500
cg26004759	4	141,489,018	3.97E-06	0.308	0.270				<i>UCP1</i>	Body
cg25666433	6	28,367,279	0.000503	0.308	0.301				<i>ZSCAN12</i>	Body
cg00852846	2	85,664,713	7.94E-05	0.308	0.207					
cg02366320	16	88,967,522	4.83E-70	0.308	0.309				<i>CBFA2T3</i>	Body

cg10629165	5	66,124,563	0.001511	0.308	0.133				<i>MAST4</i>	TSS200
cg10974980	15	74,243,781	5.07E-05	0.308	0.280				<i>LOXL1</i>	Body
cg06231244	1	2,460,761	2E-09	0.308	0.297				<i>HES5</i>	3'UTR
cg25199322	1	151,693,838	0.000192	0.308	0.292				<i>C1orf230</i>	TSS200
cg24934400	4	4,873,966	0.041793	0.308	0.176					
cg26064774	4	6,666,009	0.000311	0.308	0.332					
cg21821833	3	42,306,493	0.000295	0.308	0.349				<i>CCK</i>	TSS200
cg26091021	2	177,021,826	7.46E-05	0.308	0.285					
cg20164887	22	50,968,250	0.038592	0.308	0.236				<i>TYMP</i>	5'UTR
cg01348733	17	33,700,757	0.000289	0.308	0.333				<i>SLFN11</i>	TSS200
cg10465866	6	28,574,471	0.00516	0.308	0.275					
cg15093997	10	73,769,828	1.06E-14	0.308	0.290				<i>CHST3</i>	3'UTR
cg03395558	11	70,508,329	7.79E-09	0.308	0.298				<i>SHANK2</i>	Body
cg05740959	X	49,087,234	0.000589	0.308	0.307				<i>CACNA1F</i>	Body
cg06807397	13	44,948,413	8.2E-09	0.308	0.245				<i>SERP2</i>	Body
cg11413133	17	21,281,318	2.1E-26	0.308	0.320				<i>KCNJ12</i>	5'UTR
cg26772854	3	159,756,793	0.002652	0.308	0.338					
cg03605542	5	59,929,339	8.82E-31	0.308	0.290				<i>DEPDC1B</i>	Body
cg07887891	3	33,429,950	2.83E-07	0.308	0.320				<i>UBP1</i>	3'UTR
cg09734791	8	72,756,155	0.026751	0.308	0.360				<i>MSC</i>	1stExon
cg19831077	7	151,107,924	1.18E-15	0.308	0.321	1.5E-28	0.233		<i>WDR86</i>	TSS1500
cg22660207	4	174,320,772	4.34E-10	0.308	0.351				<i>SCRG1</i>	TSS200
cg25027125	14	35,182,801	1.19E-15	0.308	0.257				<i>CFL2</i>	Body
cg04844574	12	122,028,594	4.89E-06	0.308	0.286					
cg10503083	2	177,003,280	5.4E-05	0.308	0.298					
cg04132540	8	56,851,846	8.38E-41	0.308	0.306				<i>LYN</i>	5'UTR
cg26043257	4	15,780,238	0.020871	0.308	0.280	6.29E-18	0.241		<i>CD38</i>	1stExon
cg21101743	7	39,649,254	1.66E-05	0.308	0.314				<i>LOC646999</i>	Body
cg22289837	8	86,350,278	1.22E-11	0.308	0.327	5.67E-21	0.160		<i>CA3</i>	TSS1500
cg12453905	4	154,143,694	0.045814	0.308	0.260				<i>TRIM2</i>	Body
cg18499201	17	77,395,887	2.47E-06	0.308	0.275				<i>HRNBP3</i>	5'UTR
cg26201811	22	51,111,714	3.05E-09	0.308	0.277				<i>SHANK3</i>	TSS1500
cg12700449	17	34,121,837	5.42E-20	0.308	0.310				<i>MMP28</i>	Body
cg19513321	2	85,811,432	3.48E-07	0.308	0.303				<i>VAMP5</i>	TSS200



cg04184019	4	85,424,288	8.71E-07	0.308	0.282					
cg21416692	1	33,803,805	7.53E-15	0.308	0.298				<i>PHC2</i>	5'UTR
cg05858889	7	39,649,224	1.21E-05	0.308	0.345				<i>LOC646999</i>	Body
cg07158503	5	135,415,693	1.04E-10	0.308	0.286					
cg05923687	1	63,795,711	2.41E-07	0.308	0.274					
cg05204104	2	235,403,141	1.13E-05	0.308	0.334				<i>ARL4C</i>	3'UTR
cg10278318	2	235,276,581	1.9E-11	0.308	0.288					
cg26624026	19	18,416,001	2.57E-09	0.308	0.338					
cg25054580	4	54,976,019	6.57E-10	0.308	0.280					
cg10210369	15	90,197,924	0.000199	0.308	0.225				<i>KIF7</i>	5'UTR
cg16913064	17	45,949,878	3.64E-13	0.308	0.254					
cg25451249	11	19,736,241	9.76E-06	0.308	0.307				<i>LOC100126784</i>	TSS200
cg23851088	X	40,004,432	6.22E-07	0.308	0.223				<i>BCOR</i>	5'UTR
cg17863743	10	100,993,587	8.17E-06	0.308	0.338				<i>HPSE2</i>	Body
cg09357934	2	159,651,918	6.4E-10	0.308	0.273				<i>DAPL1</i>	1stExon
cg13799919	13	28,212,848	8.5E-14	0.308	0.319				<i>POLR1D</i>	Body
cg04105511	12	54,409,207	0.010204	0.308	0.292				<i>HOXC4</i>	TSS1500
cg06958829	17	48,546,118	6.41E-09	0.307	0.315				<i>ACSF2</i>	Body
cg22916722	14	76,605,056	0.024764	0.307	0.239					
cg10665891	12	117,042,917	0.008883	0.307	0.352					
cg26996569	12	121,829,743	9.87E-08	0.307	0.310					
cg08050748	14	51,562,890	9.4E-08	0.307	0.323				<i>TRIM9</i>	TSS1500
cg12022772	2	131,130,468	0.002107	0.307	0.253				<i>PTPN18</i>	Body
cg09969806	2	241,758,399	3.37E-08	0.307	0.299				<i>KIF1A</i>	5'UTR
cg06315607	22	19,512,084	7.79E-05	0.307	0.322				<i>CLDN5</i>	1stExon
cg25499397	3	51,990,575	0.003946	0.307	0.315				<i>GPR62</i>	1stExon
cg23460943	12	125,333,358	1.24E-34	0.307	0.288				<i>SCARB1</i>	Body
cg12403889	1	11,753,338	1.04E-08	0.307	0.313				<i>C1orf187</i>	5'UTR
cg13451127	3	47,050,803	1.42E-14	0.307	0.266				<i>NBEAL2</i>	Body
cg25424856	X	50,557,036	0.022073	0.307	0.380				<i>SHROOM4</i>	5'UTR
cg25308508	5	3,592,638	1.72E-11	0.307	0.330					
cg02340053	13	36,044,886	0.000172	0.307	0.359				<i>NBEA</i>	Body
cg14212504	3	128,564,815	0.010286	0.307	0.374					
cg08983217	2	96,991,149	2.11E-08	0.307	0.275				<i>ITPRIPL1</i>	TSS1500

cg19238415	11	32,916,120	1.37E-09	0.307	0.331				<i>QSER1</i>	5'UTR
cg10277651	20	623,361	0.002005	0.307	0.264					
cg11909137	18	46,461,202	3.3E-07	0.307	0.285				<i>SMAD7</i>	Body
cg14099595	5	145,717,283	0.023178	0.307	0.298				<i>POU4F3</i>	TSS1500
cg01781417	18	78,004,045	8.81E-23	0.307	0.282				<i>PARD6G</i>	Body
cg01968402	6	137,817,775	0.002464	0.307	0.350					
cg20371266	2	233,390,781	6.22E-07	0.307	0.267				<i>CHRND</i>	TSS200
cg24020152	4	154,419,554	3.71E-16	0.307	0.295				<i>KIAA0922</i>	Body
cg02345747	3	182,879,754	7.91E-08	0.307	0.227				<i>LAMP3</i>	Body
cg04078410	5	77,269,250	0.000177	0.307	0.232					
cg09499136	6	168,975,608	1.01E-17	0.307	0.292				<i>SMOC2</i>	Body
cg11509907	2	235,404,686	2.59E-05	0.307	0.204				<i>ARL4C</i>	1stExon
cg08954277	4	1,535,673	3.83E-05	0.307	0.313					
cg21575509	3	138,658,704	0.001651	0.307	0.345					
cg23353432	20	44,639,847	7.65E-10	0.307	0.291				<i>MMP9</i>	Body
cg02619001	17	47,592,333	4.59E-19	0.307	0.294				<i>NGFR</i>	3'UTR
cg23671221	1	44,031,300	0.000005	0.307	0.311				<i>PTPRF</i>	Body
cg26271591	2	178,125,956	3.67E-11	0.307	0.272				<i>NFE2L2</i>	Body
cg04981492	19	15,218,713	3.93E-06	0.307	0.325	7.12E-29	0.200		<i>SYDE1</i>	Body
cg09404551	8	121,136,951	3.88E-07	0.307	0.321				<i>COL14A1</i>	TSS1500
cg14276379	9	97,663,142	8.27E-12	0.307	0.306				<i>C9orf3</i>	Body
cg01029623	12	122,016,779	4.51E-20	0.307	0.314				<i>KDM2B</i>	Body
cg09957386	7	134,144,062	0.001935	0.307	0.198				<i>AKR1B1</i>	TSS200
cg09424526	2	223,163,809	0.002161	0.307	0.293				<i>PAX3</i>	TSS200
cg13742526	19	2,252,432	0.002189	0.307	0.322				<i>JSRP1</i>	Body
cg18172881	3	136,538,801	0.007668	0.307	0.154				<i>TMEM22</i>	5'UTR
cg06522768	2	38,265,635	1.05E-05	0.307	0.278				<i>FAM82A1</i>	Body
cg14080475	9	117,150,495	2.23E-05	0.307	0.185				<i>AKNA</i>	5'UTR
cg02695609	7	124,430,950	0.000155	0.307	0.316					
cg10453365	15	90,039,909	4.74E-09	0.307	0.316	2E-36	0.287		<i>RHCG</i>	TSS200
cg22489321	13	100,643,388	2.62E-08	0.307	0.299					
cg01325465	16	85,123,554	5.43E-24	0.307	0.291				<i>KIAA0513</i>	3'UTR
cg27413008	16	28,519,597	5.84E-10	0.307	0.306				<i>IL27</i>	TSS1500
cg25756241	12	50,221,559	0.026675	0.307	0.162				<i>NCKAP5L</i>	5'UTR

cg04623837	6	29,943,414	2.23E-06	0.307	0.317	7.57E-10	0.175		<i>HCG9</i>	Body
cg02220078	5	132,386,904	1.32E-20	0.307	0.292				<i>HSPA4</i>	TSS1500
cg03778669	6	28,457,246	0.022509	0.307	0.294					
cg13161961	7	120,970,240	0.00275	0.307	0.333				<i>WNT16</i>	Body
cg03883555	13	24,007,434	0.014739	0.307	0.185				<i>SACS</i>	5'UTR
cg26191447	2	191,656,418	1.17E-05	0.307	0.268					
cg08407114	5	36,690,259	0.002708	0.307	0.104					
cg02873263	14	70,476,756	2.95E-17	0.307	0.300				<i>SMOC1</i>	Body
cg06211323	13	109,248,488	1.11E-12	0.307	0.229				<i>MYO16</i>	TSS200
cg05404698	6	28,956,247	2.88E-06	0.307	0.299					
cg12863693	15	85,201,151	7.01E-06	0.307	0.259				<i>NMB</i>	Body
cg01079658	7	99,155,872	0.000299	0.306	0.199				<i>ZNF655</i>	TSS200
cg13467672	17	40,464,625	5.86E-23	0.306	0.310					
cg09175834	12	78,225,315	4.5E-12	0.306	0.310				<i>NAV3</i>	1stExon
cg14855519	8	25,898,191	4.23E-10	0.306	0.258				<i>EBF2</i>	Body
cg25850808	6	74,405,048	1.33E-12	0.306	0.308				<i>CD109</i>	TSS1500
cg09381178	4	106,067,367	5E-05	0.306	0.230				<i>TET2</i>	TSS1500
cg18559739	6	4,775,132	0.000901	0.306	0.240				<i>CDYL</i>	Body
cg10047572	6	30,711,399	2.93E-21	0.306	0.287				<i>IER3</i>	3'UTR
cg01576677	2	45,029,908	0.005077	0.306	0.324					
cg22425474	6	29,818,086	0.000382	0.306	0.325					
cg07870237	5	131,348,431	1.4E-11	0.306	0.253				<i>ACSL6</i>	TSS1500
cg24075113	7	100,465,289	3.91E-75	0.306	0.306				<i>TRIP6</i>	Body
cg26190890	6	27,107,718	1.13E-08	0.306	0.297				<i>HIST1H2BK</i>	3'UTR
cg01534253	7	28,447,591	2.36E-06	0.306	0.269				<i>CREB5</i>	5'UTR
cg06483432	4	55,523,233	8.73E-09	0.306	0.332				<i>KIT</i>	TSS1500
cg05360477	2	12,959,313	3.85E-06	0.306	0.359					
cg09235539	1	65,730,481	1.04E-07	0.306	0.300				<i>DNAJC6</i>	5'UTR
cg07485357	14	24,803,679	2.83E-05	0.306	0.332				<i>ADCY4</i>	Body
cg13721134	8	86,350,390	3.07E-06	0.306	0.289				<i>CA3</i>	TSS1500
cg17431280	19	47,507,461	0.039382	0.306	0.239				<i>GRLF1</i>	3'UTR
cg15753746	2	171,679,591	1.44E-06	0.306	0.314				<i>GAD1</i>	Body
cg19042390	6	166,261,046	3.13E-05	0.306	0.178					
cg26279668	4	21,949,853	3.16E-05	0.306	0.208				<i>KCNIP4</i>	5'UTR

cg16966315	7	149,112,318	6.72E-08	0.306	0.298					
cg17162576	1	66,999,059	8.71E-05	0.306	0.261				<i>SGIP1</i>	TSS1500
cg14480531	17	55,700,565	1.01E-09	0.306	0.258				<i>MSI2</i>	Body
cg00893471	2	177,029,921	5.56E-07	0.306	0.276				<i>HOXD3</i>	5'UTR
cg20954533	5	71,462,729	1.7E-17	0.306	0.280				<i>MAP1B</i>	Body
cg15845792	6	28,175,446	0.000167	0.306	0.233					
cg07727884	17	19,290,503	1.12E-21	0.306	0.296				<i>MFAP4</i>	TSS200
cg06764239	1	119,544,772	3.26E-06	0.306	0.296					
cg10604002	2	131,130,131	0.000765	0.306	0.233				<i>PTPN18</i>	Body
cg13744039	3	184,475,074	1.46E-15	0.306	0.293					
cg25520679	17	1,959,121	1.95E-05	0.306	0.257				<i>HIC1</i>	TSS1500
cg16915316	12	58,237,272	3.25E-12	0.306	0.292				<i>CTDSP2</i>	Body
cg19918230	2	219,745,647	4.25E-08	0.306	0.233				<i>WNT10A</i>	1stExon
cg25137711	1	48,059,173	3.54E-12	0.306	0.255					
cg18575809	14	21,540,329	4.92E-16	0.306	0.302				<i>FLJ10357</i>	Body
cg15364169	6	29,975,080	5.37E-05	0.306	0.332				<i>HLA-J</i>	Body
cg04683149	8	134,203,304	1.32E-18	0.306	0.310				<i>WISP1</i>	TSS200
cg22510376	5	178,957,930	0.000123	0.306	0.226					
cg27296071	20	30,458,612	0.024111	0.306	0.124				<i>TTL9</i>	5'UTR
cg06652329	12	102,874,566	4.72E-06	0.306	0.334				<i>IGF1</i>	TSS200
cg06871074	1	146,551,565	6.87E-14	0.306	0.281					
cg19735698	2	23,729,523	1.59E-07	0.306	0.325				<i>KLHL29</i>	5'UTR
cg27357571	21	34,398,226	0.001865	0.306	0.312				<i>OLIG2</i>	TSS200
cg05655001	8	94,713,206	0.00028	0.306	0.213				<i>FAM92A1</i>	Body
cg25246692	22	37,545,924	1.02E-09	0.306	0.275				<i>IL2RB</i>	5'UTR
cg01218619	4	25,090,298	1.06E-05	0.306	0.294					
cg05494467	5	140,892,308	2.89E-10	0.306	0.231				<i>PCDHGB5</i>	3'UTR
cg08673716	3	14,852,905	0.002512	0.306	0.383					
cg06181069	1	154,293,494	2.61E-05	0.306	0.328				<i>AQP10</i>	TSS200
cg08079908	2	176,997,277	4.69E-07	0.306	0.274					
cg08794157	17	15,164,627	9.17E-09	0.306	0.294				<i>PMP22</i>	5'UTR
cg10755235	14	60,974,039	0.000108	0.306	0.276					
cg09491410	5	174,178,884	0.011528	0.306	0.190					
cg15384589	5	54,873,393	2.23E-11	0.306	0.305					

cg00374492	6	42,015,867	0.000652	0.306	0.308				<i>CCND3</i>	5'UTR
cg00691123	3	11,632,974	1.16E-10	0.306	0.247				<i>VGLL4</i>	Body
cg17100761	7	100,318,080	0.006951	0.306	0.224				<i>EPO</i>	TSS1500
cg13801416	7	134,143,919	0.003645	0.306	0.234	1.78E-15	0.259		<i>AKR1B1</i>	TSS200
cg03460682	2	219,646,316	0.006513	0.306	0.222				<i>CYP27A1</i>	TSS200
cg09687738	X	113,818,934	0.021557	0.305	0.355				<i>HTR2C</i>	5'UTR
cg18947951	2	63,285,739	3.5E-06	0.305	0.292					
cg25207248	1	110,672,912	5.01E-15	0.305	0.303					
cg01993208	9	97,808,906	1.48E-13	0.305	0.311				<i>C9orf3</i>	Body
cg08781140	17	73,584,617	2.88E-06	0.305	0.305				<i>MYO15B</i>	Body
cg17965019	6	27,858,545	3.59E-05	0.305	0.316	1.37E-33	0.316		<i>HIST1H3J</i>	1stExon
cg21776583	6	30,923,545	0.000589	0.305	0.341					
cg25465483	3	178,432,932	3.2E-24	0.305	0.294				<i>KCNMB2</i>	5'UTR
cg16055185	10	79,150,517	2.76E-10	0.305	0.267				<i>KCNMA1</i>	Body
cg06339573	7	157,372,262	1.61E-20	0.305	0.273				<i>PTPRN2</i>	Body
cg25457832	8	49,647,579	3.79E-07	0.305	0.240				<i>EFCAB1</i>	Body
cg26635219	7	117,119,424	2.04E-06	0.305	0.312				<i>CFTR</i>	TSS1500
cg15241074	2	12,860,614	1.53E-10	0.305	0.324				<i>TRIB2</i>	Body
cg09607488	8	99,963,657	8.07E-10	0.305	0.276				<i>OSR2</i>	Body
cg19142043	3	29,724,842	5.43E-19	0.305	0.307				<i>RBMS3</i>	Body
cg22358236	11	62,691,452	2.74E-06	0.305	0.286					
cg00754357	1	53,019,727	4.85E-23	0.305	0.274				<i>ZCCHC11</i>	TSS1500
cg08438690	3	52,279,403	3.95E-20	0.305	0.287				<i>PPM1M</i>	TSS1500
cg05422957	4	122,873,181	0.004578	0.305	0.155				<i>TRPC3</i>	TSS1500
cg20918957	3	50,275,112	1.05E-05	0.305	0.336				<i>GNAI2</i>	Body
cg15076145	4	94,748,686	2.62E-05	0.305	0.321				<i>ATOH1</i>	TSS1500
cg26104143	4	41,869,579	4.07E-06	0.305	0.260					
cg13519918	12	89,748,985	1.78E-09	0.305	0.289					
cg06093379	17	44,896,080	0.005297	0.305	0.379				<i>WNT3</i>	5'UTR
cg12934884	6	28,558,070	6.53E-06	0.305	0.327					
cg03243226	11	105,480,979	4.24E-06	0.305	0.322				<i>GRIA4</i>	1stExon
cg27231335	1	95,393,429	0.00496	0.305	0.157				<i>CNN3</i>	TSS1500
cg04786857	2	29,033,897	0.006188	0.305	0.204	1.15E-13	0.198		<i>SPDYA</i>	5'UTR
cg11195797	13	100,547,331	0.000388	0.305	0.230				<i>CLYBL</i>	3'UTR

cg08755040	1	180,124,539	0.021837	0.305	0.257	5.14E-08	0.137			<i>QSOX1</i>	Body
cg14255824	9	71,795,999	2.35E-13	0.305	0.302					<i>TJP2</i>	Body
cg17982102	18	9,707,896	3.14E-05	0.305	0.254	5.63E-18	0.217			<i>RAB31</i>	TSS1500
cg03149560	6	29,796,379	9.91E-05	0.305	0.331					<i>HLA-G</i>	Body
cg00483526	12	122,907,647	4.32E-14	0.305	0.274					<i>CLIP1</i>	TSS1500
cg23642747	10	105,036,645	5.36E-09	0.305	0.344	1.27E-19	0.187			<i>INA</i>	TSS1500
cg15929797	5	172,660,796	1.19E-06	0.305	0.317					<i>NKX2-5</i>	Body
cg12592716	7	148,395,181	0.008584	0.305	0.136	1.02E-07	0.082	Yes		<i>CUL1</i>	TSS1500
cg00918522	4	175,132,871	0.000116	0.305	0.333						
cg13989852	15	68,260,324	2.56E-18	0.305	0.272						
cg18550262	7	72,812,030	9.91E-23	0.305	0.281						
cg22758454	17	16,570,483	7.78E-06	0.305	0.310						
cg23089825	1	170,630,558	0.000473	0.305	0.313						
cg18181201	1	242,686,709	0.004907	0.305	0.159					<i>PLD5</i>	5'UTR
cg09975171	X	154,842,841	6.96E-05	0.305	0.187					<i>TMLHE</i>	TSS1500
cg06130360	X	117,633,362	5.56E-08	0.305	0.306					<i>DOCK11</i>	Body
cg04701034	14	52,536,175	0.001414	0.305	0.339					<i>NID2</i>	TSS1500
cg18034737	4	188,916,865	0.000639	0.305	0.299					<i>ZFP42</i>	TSS200
cg25868998	13	95,655,172	0.021958	0.305	0.146						
cg13912573	9	92,293,297	6.62E-29	0.305	0.279					<i>LOC100129066</i>	Body
cg15829056	1	54,856,415	2.86E-15	0.305	0.279					<i>SSBP3</i>	Body
cg05009389	15	90,208,810	0.043068	0.305	0.202					<i>PLIN1</i>	3'UTR
cg08739651	10	51,784,888	9.36E-09	0.305	0.250						
cg24776142	6	16,513,829	0.000114	0.305	0.230					<i>ATXN1</i>	5'UTR
cg25950625	5	41,510,116	0.046761	0.305	0.426					<i>PLCXD3</i>	Body
cg10146929	6	26,017,939	0.000205	0.305	0.262	7.78E-21	0.258			<i>HIST1H1A</i>	1stExon
cg08523343	5	14,872,934	9.39E-05	0.305	0.229					<i>ANKH</i>	TSS1500
cg09873164	1	152,488,093	0.020927	0.305	0.316					<i>CRCT1</i>	Body
cg18055610	6	30,095,419	7.21E-06	0.305	0.318						
cg23395749	5	176,984,246	0.000102	0.305	0.264						
cg13065206	15	41,062,017	5.36E-13	0.305	0.302					<i>DNAJC17</i>	Body
cg21342910	17	48,042,779	4.47E-06	0.305	0.366						
cg22956060	3	9,289,747	4.55E-07	0.305	0.197					<i>SRGAP3</i>	Body
cg04829853	15	89,438,208	0.001447	0.305	0.373					<i>HAPLN3</i>	5'UTR

cg22008625	8	10,588,386	0.011295	0.305	0.200				<i>SOX7</i>	TSS1500
cg03383941	20	44,099,418	0.017366	0.305	0.198				<i>WFDC2</i>	Body
cg17399545	12	88,972,226	1.78E-15	0.305	0.288				<i>KITLG</i>	Body
cg17800442	16	30,908,233	0.006358	0.305	0.361	1.5E-18	0.228		<i>CTF1</i>	Body
cg19870698	14	95,239,570	0.011335	0.305	0.330					
cg09478396	7	140,339,480	5.37E-06	0.305	0.307					
cg04878000	1	32,237,923	3.91E-05	0.305	0.323					
cg12101586	15	75,019,203	1.12E-16	0.305	0.299				<i>CYP1A1</i>	TSS1500
cg20039048	11	8,305,302	7.93E-10	0.305	0.306					
cg22222461	8	98,000,885	3.63E-09	0.305	0.282				<i>PGCP</i>	Body
cg18235000	8	26,372,829	8.76E-05	0.305	0.257				<i>PNMA2</i>	TSS1500
cg22698272	1	221,054,615	4.93E-13	0.305	0.309				<i>HLX</i>	Body
cg02713832	11	60,772,559	4.15E-12	0.304	0.278				<i>CD6</i>	Body
cg19760241	17	35,300,010	1.92E-05	0.304	0.311				<i>LHX1</i>	Body
cg09813276	X	100,805,521	0.043257	0.304	0.162				<i>ARMCX1</i>	1stExon
cg04358214	16	67,143,304	3.71E-05	0.304	0.282				<i>C16orf70</i>	TSS1500
cg25216704	4	3,485,393	2.23E-10	0.304	0.302				<i>DOK7</i>	Body
cg00036011	6	26,271,718	0.007825	0.304	0.330				<i>HIST1H3G</i>	TSS200
cg08189989	2	105,459,164	0.025478	0.304	0.401					
cg00184203	2	187,558,402	6.62E-05	0.304	0.213				<i>FAM171B</i>	TSS1500
cg01451808	8	49,676,562	3.07E-15	0.304	0.279					
cg27405791	4	41,882,953	0.000555	0.304	0.312					
cg04582364	5	52,778,441	7.34E-05	0.304	0.224				<i>FST</i>	Body
cg27365825	2	18,059,130	0.001447	0.304	0.223				<i>KCNS3</i>	TSS1500
cg25060829	6	28,367,571	0.002848	0.304	0.282				<i>ZSCAN12</i>	TSS200
cg14511698	14	60,976,898	4.74E-08	0.304	0.309				<i>SIX6</i>	Body
cg25324047	10	22,765,840	4.05E-08	0.304	0.334					
cg13910046	12	25,538,221	5.73E-05	0.304	0.197					
cg14409958	8	120,651,652	5.84E-05	0.304	0.341	4.2E-18	0.153		<i>ENPP2</i>	TSS1500
cg12054869	13	33,001,250	0.001284	0.304	0.196				<i>N4BP2L1</i>	Body
cg01287054	7	156,795,156	0.000354	0.304	0.256					
cg13892570	1	159,893,182	1.87E-07	0.304	0.278				<i>TAGLN2</i>	5'UTR
cg16405012	12	5,542,395	0.001482	0.304	0.299				<i>NTF3</i>	Body
cg22982093	17	41,669,401	8.98E-26	0.304	0.292					

cg18790597	4	17,783,331	0.002252	0.304	0.290				<i>FAM184B</i>	TSS200
cg14093715	9	126,776,180	6.54E-08	0.304	0.289				<i>LHX2</i>	Body
cg19619003	1	41,846,758	6.6E-05	0.304	0.159					
cg23493412	17	63,491,688	1E-10	0.304	0.287					
cg05725004	1	76,082,568	3.66E-08	0.304	0.234					
cg21872764	22	19,510,977	6.49E-05	0.304	0.317				<i>CLDN5</i>	1stExon
cg10445315	21	38,066,047	0.005961	0.304	0.331					
cg23396786	2	73,299,151	0.000958	0.304	0.233				<i>SFXN5</i>	TSS200
cg27369013	2	219,472,724	0.002532	0.304	0.238				<i>PLCD4</i>	1stExon
cg04138112	1	167,090,618	0.00664	0.304	0.185				<i>DUSP27</i>	Body
cg19856273	1	46,668,472	1.58E-14	0.304	0.314				<i>C1orf190</i>	TSS1500
cg21096399	11	119,188,145	2.93E-19	0.304	0.299	2.45E-30	0.229		<i>MCAM</i>	TSS1500
cg04641171	15	79,381,805	1.04E-05	0.304	0.301				<i>RASGRF1</i>	Body
cg08121925	3	180,588,041	6.9E-05	0.304	0.208					
cg10334741	11	128,321,749	2.28E-13	0.304	0.301					
cg04159905	5	691,354	4.2E-10	0.304	0.307				<i>TPPP</i>	5'UTR
cg27640794	4	169,555,699	1.86E-10	0.304	0.297				<i>PALLD</i>	5'UTR
cg10184889	8	86,350,919	0.000107	0.304	0.300				<i>CA3</i>	TSS200
cg14374337	14	75,446,498	1.34E-20	0.304	0.284					
cg11525280	2	26,624,667	0.045576	0.304	0.079				<i>C2orf39</i>	TSS200
cg26848524	8	55,294,566	1.19E-05	0.304	0.280					
cg21007342	14	94,917,627	6.24E-10	0.304	0.290				<i>SERPINA11</i>	5'UTR
cg13966628	1	240,629,046	8.79E-07	0.304	0.304				<i>FMN2</i>	Body
cg14159342	1	3,624,292	1.58E-09	0.304	0.286				<i>TP73</i>	Body
cg19484420	2	127,414,108	0.030805	0.304	0.417				<i>GYPC</i>	Body
cg04317962	16	79,623,625	1.04E-09	0.304	0.270					
cg19500479	2	20,865,674	0.000106	0.304	0.288				<i>GDF7</i>	TSS1500
cg10883284	6	27,059,715	0.007837	0.304	0.256					
cg08214995	16	22,826,243	7.12E-07	0.304	0.257				<i>HS3ST2</i>	1stExon
cg24110050	1	67,217,853	1.4E-05	0.304	0.267	1.42E-15	0.188		<i>TCTEX1D1</i>	TSS1500
cg22546374	6	27,301,172	1.35E-06	0.304	0.314					
cg22792176	10	130,274,452	0.000136	0.304	0.234					
cg18395327	2	220,379,109	0.041523	0.304	0.303				<i>ACCN4</i>	1stExon
cg24902339	10	119,867,927	8.92E-09	0.304	0.246				<i>CASC2</i>	Body



cg08384999	X	40,004,346	3.29E-07	0.304	0.214				<i>BCOR</i>	5'UTR
cg05187508	6	29,974,306	2.66E-08	0.304	0.296				<i>HLA-J</i>	Body
cg01649773	11	27,015,991	3.68E-18	0.304	0.301				<i>FIBIN</i>	5'UTR
cg09723635	6	17,866,039	5.95E-22	0.304	0.309				<i>KIF13A</i>	Body
cg17807172	5	122,620,929	2.25E-05	0.304	0.308					
cg00178511	3	48,632,778	0.008415	0.304	0.330				<i>COL7A1</i>	TSS200
cg06630799	20	55,203,840	0.000324	0.304	0.241				<i>TFAP2C</i>	TSS1500
cg05211836	19	16,999,576	3.25E-06	0.304	0.327				<i>F2RL3</i>	TSS1500
cg00577935	5	112,073,348	0.006154	0.304	0.154				<i>APC</i>	TSS1500
cg01244015	2	225,266,843	0.014238	0.304	0.352				<i>FAM124B</i>	TSS200
cg02381898	4	54,970,175	2.71E-05	0.304	0.294					
cg18769074	3	133,464,867	1.1E-07	0.304	0.239				<i>TF</i>	TSS200
cg06774787	X	56,258,973	9E-08	0.304	0.270				<i>KLF8</i>	5'UTR
cg07366670	12	111,619,077	0.009681	0.304	0.188				<i>CUX2</i>	Body
cg24389412	X	70,323,743	1.9E-11	0.304	0.300				<i>CXorf65</i>	Body
cg24495017	5	134,370,530	4.25E-15	0.304	0.290	1.66E-30	0.213		<i>PITX1</i>	TSS1500
cg25143990	12	28,127,783	2.29E-06	0.304	0.311					
cg20252022	12	77,272,172	0.001007	0.304	0.156				<i>CSRP2</i>	5'UTR
cg21131024	8	104,153,643	5.48E-07	0.304	0.298				<i>C8orf56</i>	TSS200
cg13714026	10	73,385,503	2.15E-23	0.304	0.301				<i>CDH23</i>	Body
cg20215212	17	28,618,041	6.72E-11	0.304	0.302				<i>BLMH</i>	Body
cg05692123	5	122,620,950	5.74E-06	0.304	0.302					
cg26822438	X	119,134,368	7.73E-06	0.304	0.281					
cg03705784	11	95,888,212	4.15E-20	0.304	0.287				<i>MAML2</i>	Body
cg09756225	7	73,894,999	0.001946	0.304	0.245				<i>GTF2IRD1</i>	5'UTR
cg25260543	7	100,946,792	5.35E-06	0.304	0.255					
cg11325273	13	36,642,977	1.71E-15	0.304	0.328				<i>DCLK1</i>	Body
cg09567485	16	67,203,753	0.001316	0.304	0.394				<i>HSF4</i>	3'UTR
cg21996227	1	156,130,826	1.71E-06	0.304	0.298				<i>SEMA4A</i>	Body
cg04649530	9	132,113,372	6.72E-19	0.304	0.273					
cg20859731	20	36,226,820	1.16E-05	0.304	0.331					
cg22356428	1	206,687,071	5.1E-22	0.304	0.295				<i>RASSF5</i>	Body
cg13569051	9	124,051,703	7.14E-25	0.304	0.296				<i>GSN</i>	5'UTR
cg05297854	22	50,623,687	4.78E-05	0.304	0.293				<i>TRABD</i>	TSS1500

cg21425842	6	26,240,939	0.000741	0.304	0.295				<i>HIST1H4F</i>	1stExon
cg11239720	4	152,967,415	1.01E-08	0.304	0.272					
cg19502359	11	72,912,441	6.26E-16	0.304	0.287					
cg20972214	12	8,088,818	4.35E-05	0.303	0.304	1.71E-30	0.217		<i>SLC2A3</i>	1stExon
cg05809668	7	35,301,188	0.015078	0.303	0.296					
cg13413955	9	842,914	8.24E-07	0.303	0.270				<i>DMRT1</i>	Body
cg22738219	10	13,043,313	7.33E-06	0.303	0.276				<i>CCDC3</i>	1stExon
cg16481332	7	2,654,053	3.97E-08	0.303	0.265				<i>IQCE</i>	3'UTR
cg20536041	2	45,029,004	0.002884	0.303	0.304					
cg05840412	13	49,145,436	2.05E-06	0.303	0.251					
cg12988117	7	51,658,747	7.9E-13	0.303	0.306					
cg25513924	3	187,009,486	4.07E-09	0.303	0.306			Yes	<i>MASP1</i>	5'UTR
cg11969002	6	30,712,282	0.016698	0.303	0.297				<i>IER3</i>	1stExon
cg20045320	11	319,555	6.26E-07	0.303	0.208					
cg04529938	17	73,084,494	1.29E-17	0.303	0.276				<i>SLC16A5</i>	5'UTR
cg08047457	3	50,378,413	4.44E-06	0.303	0.292	1.89E-08	0.123		<i>RASSF1</i>	TSS200
cg13448197	10	43,846,281	0.007895	0.303	0.187					
cg26040816	20	42,816,135	2.25E-07	0.303	0.220				<i>JPH2</i>	1stExon
cg21216015	1	26,230,906	5.16E-15	0.303	0.281				<i>STMN1</i>	Body
cg17936721	5	77,140,543	0.002955	0.303	0.319					
cg04119462	16	2,415,808	5.48E-09	0.303	0.297				<i>ABCA17P</i>	Body
cg05285244	7	149,412,760	1.45E-08	0.303	0.203				<i>KRBA1</i>	5'UTR
cg10508993	5	180,018,495	4.7E-130	0.303	0.302				<i>SCGB3A1</i>	TSS200
cg21971621	11	65,600,773	3.54E-07	0.303	0.304				<i>SNX32</i>	TSS1500
cg27558693	1	85,710,632	0.000422	0.303	0.282					
cg03884132	15	33,009,531	0.017859	0.303	0.317				<i>GREM1</i>	TSS1500
cg08802841	12	89,748,726	3.15E-11	0.303	0.288					
cg04881103	1	32,410,413	1.49E-06	0.303	0.267					
cg13207333	6	29,974,798	1.09E-10	0.303	0.285				<i>HLA-J</i>	Body
cg13864794	7	16,505,664	0.000643	0.303	0.348				<i>SOSTDC1</i>	TSS200
cg10148280	3	148,846,750	1.21E-05	0.303	0.255	0.0000047	0.112		<i>HPS3</i>	TSS1500
cg13620051	9	126,759,535	0.000484	0.303	0.343					
cg18612255	12	1,770,715	1.04E-07	0.303	0.283					
cg19934381	17	80,944,090	2.05E-16	0.303	0.277				<i>B3GNTL1</i>	Body

cg26271045	2	238,535,754	0.000122	0.303	0.236				<i>LRRFIP1</i>	TSS1500
cg10372921	15	74,218,733	1.37E-30	0.303	0.294				<i>LOXL1</i>	TSS200
cg14328457	17	37,381,475	0.002024	0.303	0.360				<i>STAC2</i>	Body
cg03257172	1	200,010,283	0.016325	0.303	0.383				<i>NR5A2</i>	Body
cg06520003	17	48,504,157	2.83E-13	0.303	0.300				<i>ACSF2</i>	Body
cg05644921	4	141,489,114	0.001096	0.303	0.258				<i>UCP1</i>	Body
cg23808165	22	25,421,713	2.16E-18	0.303	0.310					
cg22851295	6	10,881,949	7.9E-26	0.303	0.282				<i>GCM2</i>	1stExon
cg00286102	20	61,047,376	0.012591	0.303	0.137			Yes	<i>GATA5</i>	Body
cg09122035	11	319,667	2.41E-06	0.303	0.248					
cg16985778	1	32,708,234	3.98E-13	0.303	0.295				<i>MTMR9L</i>	TSS1500
cg15876825	3	11,651,881	9.95E-15	0.303	0.275				<i>VGLL4</i>	Body
cg26331172	1	151,118,299	3.83E-11	0.303	0.302				<i>SEMA6C</i>	5'UTR
cg26877596	12	106,534,217	1.05E-16	0.303	0.289				<i>NUAK1</i>	TSS1500
cg17602451	18	60,985,645	0.003207	0.303	0.330	1.29E-10	0.188		<i>BCL2</i>	Body
cg22070991	4	4,856,904	0.002096	0.303	0.277					
cg24341129	9	16,727,830	1.72E-23	0.303	0.264	8.29E-27	0.218		<i>BNC2</i>	Body
cg25117600	4	10,023,201	8.39E-11	0.303	0.289				<i>SLC2A9</i>	TSS200
cg09143673	5	172,664,439	4.14E-06	0.303	0.294					
cg18946226	13	109,248,503	1.08E-08	0.303	0.209	2.17E-27	0.257		<i>MYO16</i>	5'UTR
cg13203394	12	26,951,217	1.01E-08	0.303	0.319				<i>ITPR2</i>	Body
cg26055054	X	134,654,347	0.001202	0.303	0.190				<i>DDX26B</i>	TSS1500
cg09151979	6	28,457,624	0.018209	0.303	0.329					
cg18792146	1	235,105,751	3.62E-11	0.303	0.259					
cg01763453	16	81,764,614	6.09E-13	0.303	0.278					
cg09142313	5	72,677,859	8.21E-08	0.303	0.303					
cg02254461	3	39,195,904	7.28E-17	0.303	0.306	3.3E-33	0.320		<i>CSRNP1</i>	TSS1500
cg10484211	1	218,547,935	1.67E-05	0.303	0.268				<i>TGFB2</i>	Body
cg07029873	1	217,311,014	3.81E-06	0.303	0.295				<i>ESRRG</i>	1stExon
cg21120951	4	152,611,527	1.83E-15	0.303	0.307			Yes	<i>PET112L</i>	Body
cg17619311	3	42,947,565	0.007883	0.303	0.212				<i>ZNF662</i>	TSS200
cg09537620	11	31,826,574	0.000153	0.303	0.296				<i>PAX6</i>	Body
cg08235220	8	40,835,933	5.7E-14	0.303	0.295					
cg11920449	6	36,645,608	1.43E-07	0.303	0.320				<i>CDKN1A</i>	TSS1500

cg25558103	17	42,835,859	6.96E-09	0.303	0.309				<i>ADAM11</i>	TSS1500
cg25883066	8	127,647,405	4E-27	0.303	0.295					
cg06096336	2	231,989,800	0.001573	0.303	0.255	0.00680158	0.070		<i>PSMD1</i>	Body
cg13470462	3	112,965,787	3.37E-12	0.303	0.305				<i>BOC</i>	5'UTR
cg17754510	6	10,391,412	0.000161	0.303	0.314					
cg19751300	18	44,336,399	2.51E-06	0.303	0.277	7.2E-19	0.173		<i>ST8SIA5</i>	1stExon
cg18949886	X	3,265,318	0.00031	0.303	0.280				<i>MXRA5</i>	TSS1500
cg07134230	1	156,631,248	0.001196	0.303	0.379					
cg05234415	19	38,743,744	1.64E-31	0.303	0.281				<i>PPP1R14A</i>	Body
cg11722971	2	1,286,544	6.02E-05	0.303	0.195				<i>SNTG2</i>	Body
cg08247397	19	4,607,146	0.020267	0.303	0.219					
cg26248173	1	166,853,578	0.02369	0.303	0.191					
cg18355902	4	154,681,128	0.002409	0.303	0.355				<i>RNF175</i>	5'UTR
cg00188748	9	130,564,509	4.05E-17	0.303	0.282				<i>FPGS</i>	TSS1500
cg09767126	8	103,877,365	1.96E-06	0.303	0.306				<i>AZIN1</i>	TSS1500
cg18496653	21	38,593,042	0.037703	0.302	0.154					
cg00338391	7	1,283,981	0.000145	0.302	0.313					
cg24025550	15	59,157,523	3.95E-08	0.302	0.305					
cg00249511	11	627,152	4.68E-05	0.302	0.309				<i>SCT</i>	5'UTR
cg16283183	3	45,718,805	6.79E-07	0.302	0.285				<i>LIMD1</i>	3'UTR
cg06374079	6	27,182,908	0.009229	0.302	0.319					
cg06985993	16	30,040,055	9.19E-08	0.302	0.282				<i>FAM57B</i>	Body
cg04208434	3	129,513,427	3.9E-08	0.302	0.269				<i>TMCC1</i>	Body
cg08323075	4	5,053,504	0.037314	0.302	0.183				<i>STK32B</i>	TSS200
cg15084851	1	36,317,380	5.66E-16	0.302	0.324				<i>EIF2C4</i>	Body
cg07471614	8	125,855,152	1.8E-22	0.302	0.300					
cg17326090	22	28,198,472	9.8E-12	0.302	0.319				<i>MN1</i>	TSS1500
cg25216196	17	19,290,520	1.63E-19	0.302	0.291				<i>MFAP4</i>	TSS200
cg26783727	16	67,204,807	1.3E-12	0.302	0.310					
cg04376312	3	123,602,485	1.85E-12	0.302	0.291	9.19E-31	0.213		<i>MYLK</i>	5'UTR
cg23125200	13	20,806,732	0.002513	0.302	0.218				<i>GJB6</i>	TSS200
cg19256731	20	1,874,527	1.68E-09	0.302	0.317				<i>SIRPA</i>	TSS1500
cg17968795	2	99,553,406	4.32E-05	0.302	0.314				<i>C2orf55</i>	TSS1500
cg02639927	1	77,334,748	2.24E-05	0.302	0.294				<i>ST6GALNAC5</i>	Body

cg17296482	12	4,382,188	0.000117	0.302	0.287				<i>CCND2</i>	TSS1500
cg01678309	15	68,930,255	2.23E-08	0.302	0.249				<i>CORO2B</i>	Body
cg07676859	20	23,015,932	0.001079	0.302	0.187				<i>SSTR4</i>	TSS200
cg16389901	14	54,423,807	0.000219	0.302	0.253				<i>BMP4</i>	TSS1500
cg12439852	7	16,627,383	2.21E-09	0.302	0.271					
cg20658100	13	74,707,145	0.015711	0.302	0.350				<i>KLF12</i>	5'UTR
cg24154839	4	46,995,741	8.32E-11	0.302	0.325				<i>GABRA4</i>	TSS200
cg11165158	16	86,613,094	9.56E-10	0.302	0.279				<i>FOXL1</i>	1stExon
cg22492099	15	43,414,974	4.04E-12	0.302	0.287					
cg08075452	3	184,056,843	9.2E-16	0.302	0.292				<i>FAM131A</i>	5'UTR
cg08201451	16	70,760,142	6.59E-20	0.302	0.287				<i>VAC14</i>	Body
cg03208951	19	48,828,835	0.026198	0.302	0.265				<i>EMP3</i>	1stExon
cg00252282	12	5,542,736	2.53E-05	0.302	0.270				<i>NTF3</i>	Body
cg04175292	6	44,187,226	0.014604	0.302	0.228				<i>SLC29A1</i>	TSS200
cg25790133	4	2,627,014	5.46E-27	0.302	0.287				<i>FAM193A</i>	TSS200
cg18438124	1	21,996,315	0.008377	0.302	0.283				<i>RAP1GAP</i>	TSS1500
cg03089717	6	28,557,411	0.001593	0.302	0.248					
cg11533881	6	29,894,322	3.19E-08	0.302	0.301				<i>HCG4P6</i>	TSS1500
cg02300652	2	152,804,107	4.4E-10	0.302	0.236				<i>CACNB4</i>	Body
cg06707286	15	102,010,195	5.73E-14	0.302	0.284				<i>PCSK6</i>	Body
cg17037963	12	30,949,050	0.001513	0.302	0.268					
cg14507337	14	60,978,161	0.000117	0.302	0.301				<i>SIX6</i>	3'UTR
cg24913825	2	198,134,173	2.75E-14	0.302	0.312					
cg24946597	8	31,497,464	0.014426	0.302	0.245				<i>NRG1</i>	5'UTR
cg25074493	2	131,186,495	1.01E-14	0.302	0.295					
cg05085230	6	133,562,461	0.002856	0.302	0.378				<i>EYA4</i>	TSS200
cg17852104	X	102,000,694	3.71E-15	0.302	0.273				<i>BHLHB9</i>	5'UTR
cg24687970	1	1,397,896	7.06E-15	0.302	0.302				<i>ATAD3C</i>	Body
cg15442728	14	91,580,280	0.000274	0.302	0.178				<i>C14orf159</i>	TSS200
cg16058797	8	102,236,617	2.5E-07	0.302	0.319					
cg10680264	15	75,470,927	8.93E-07	0.302	0.293					
cg00384539	8	70,983,567	9.67E-10	0.302	0.316				<i>PRDM14</i>	TSS200
cg08750459	17	6,558,815	4.77E-05	0.302	0.308					
cg16204205	18	19,753,432	2.65E-22	0.302	0.268				<i>GATA6</i>	Body

cg18447876	3	54,121,761	3.22E-06	0.302	0.338					
cg21752211	7	27,243,463	0.015147	0.302	0.389					
cg14580211	5	150,161,299	5.07E-13	0.302	0.290				<i>C5orf62</i>	Body
cg15485700	1	117,421,329	0.008619	0.302	0.102					
cg04963514	10	44,162,879	0.001196	0.302	0.247					
cg03470207	6	28,574,981	0.009427	0.302	0.311					
cg02871995	11	111,410,960	5.24E-11	0.302	0.262				<i>LAYN</i>	TSS1500
cg00161791	21	45,575,014	4.42E-13	0.302	0.277					
cg04458368	8	38,411,682	0.00057	0.302	0.271					
cg27081634	11	68,778,745	4.74E-11	0.302	0.297				<i>MRGPRF</i>	5'UTR
cg00619126	2	105,459,775	3.55E-09	0.302	0.291					
cg21530419	3	186,490,728	1.42E-06	0.302	0.287					
cg23845168	17	31,271,015	2.76E-15	0.302	0.281					
cg18121003	11	86,085,757	1.08E-06	0.302	0.317				<i>CCDC81</i>	TSS200
cg27009812	16	3,062,597	0.000101	0.302	0.305				<i>CLDN9</i>	1stExon
cg09013220	17	45,944,385	3.26E-16	0.302	0.288					
cg07394914	4	185,371,335	2.04E-09	0.302	0.307				<i>IRF2</i>	5'UTR
cg24923226	X	129,255,138	0.040173	0.302	0.394					
cg15803065	6	29,973,988	3.25E-07	0.302	0.332			Yes	<i>HLA-J</i>	Body
cg05000331	16	79,623,678	6.43E-08	0.302	0.232					
cg09168153	13	110,779,117	2.98E-14	0.302	0.271					
cg05911003	4	187,065,516	1.79E-07	0.302	0.214				<i>FAM149A</i>	TSS1500
cg26851107	11	70,508,659	7.06E-15	0.302	0.258				<i>SHANK2</i>	Body
cg13298199	1	208,132,388	6.06E-08	0.302	0.295					
cg15596666	10	135,160,792	1.02E-09	0.302	0.267				<i>PRAP1</i>	TSS200
cg10829727	17	73,084,309	1.75E-20	0.302	0.307				<i>SLC16A5</i>	5'UTR
cg13842305	1	151,033,007	8.02E-05	0.302	0.189				<i>MLLT11</i>	5'UTR
cg24199599	20	62,681,243	1.86E-06	0.302	0.294				<i>SOX18</i>	TSS1500
cg08783090	X	151,143,125	0.000116	0.301	0.324				<i>GABRE</i>	1stExon
cg10248878	4	54,965,109	1.56E-09	0.301	0.302				<i>GSX2</i>	TSS1500
cg05496203	2	66,664,798	0.002955	0.301	0.353				<i>MEIS1</i>	Body
cg11891395	7	96,652,153	6.75E-09	0.301	0.290				<i>DLX5</i>	Body
cg03124636	6	30,711,426	6.66E-19	0.301	0.289				<i>IER3</i>	3'UTR
cg15127227	7	131,242,878	0.013952	0.301	0.189					

cg24035484	12	20,000,505	6.26E-11	0.301	0.320					
cg05388880	4	183,807,081	8.83E-08	0.301	0.271					
cg03745002	16	52,581,405	0.045182	0.301	0.216				<i>TOX3</i>	5'UTR
cg22462235	1	226,129,481	3.8E-12	0.301	0.330	2.57E-18	0.222	Yes	<i>LEFTY2</i>	TSS1500
cg13073224	12	117,131,523	0.008068	0.301	0.154					
cg06074896	7	1,500,176	1.11E-14	0.301	0.309				<i>MICALL2</i>	TSS1500
cg14847502	10	30,724,194	3.99E-05	0.301	0.252				<i>MAP3K8</i>	5'UTR
cg04248271	5	158,524,404	0.00132	0.301	0.363				<i>EBF1</i>	Body
cg06808498	14	60,974,525	2.08E-05	0.301	0.272				<i>SIX6</i>	TSS1500
cg18643093	5	150,521,257	1.8E-09	0.301	0.266				<i>ANXA6</i>	Body
cg08443845	21	36,421,955	0.014728	0.301	0.175				<i>RUNX1</i>	TSS1500
cg17800654	1	50,888,590	3.32E-06	0.301	0.315				<i>DMRTA2</i>	5'UTR
cg04278110	2	198,063,759	9.61E-05	0.301	0.240				<i>ANKRD44</i>	TSS1500
cg26607748	9	35,690,226	3.09E-07	0.301	0.255				<i>TPM2</i>	TSS200
cg02115599	7	27,244,564	0.032645	0.301	0.397					
cg15104644	1	231,297,103	0.005224	0.301	0.351					
cg00170003	6	108,490,371	6.37E-05	0.301	0.310				<i>NR2E1</i>	Body
cg00395210	12	48,592,465	2.18E-07	0.301	0.307					
cg07201620	5	83,679,941	0.000107	0.301	0.264				<i>EDIL3</i>	Body
cg16371229	1	233,248,845	8.43E-08	0.301	0.294				<i>PCNXL2</i>	Body
cg14335429	8	42,342,083	1.13E-22	0.301	0.264				<i>SLC20A2</i>	5'UTR
cg27545611	1	68,517,177	7.2E-16	0.301	0.309				<i>DIRAS3</i>	TSS1500
cg05036656	4	41,875,470	0.000275	0.301	0.319					
cg14920289	14	23,821,149	2.72E-28	0.301	0.290				<i>SLC22A17</i>	Body
cg09513990	6	27,235,822	0.000735	0.301	0.381					
cg10163776	3	32,433,833	0.00655	0.301	0.221				<i>CMTM7</i>	Body
cg25588844	2	10,037,561	9.36E-15	0.301	0.264				<i>TAF1B</i>	Body
cg16310415	8	25,898,539	9.01E-07	0.301	0.263				<i>EBF2</i>	Body
cg09849405	16	66,612,955	5.97E-05	0.301	0.264				<i>CMTM1</i>	3'UTR
cg13112361	11	63,258,739	0.042866	0.301	0.249				<i>HRASLS5</i>	TSS200
cg02909790	6	26,271,587	0.00073	0.301	0.339	7.3E-19	0.262		<i>HIST1H3G</i>	1stExon
cg23398047	8	49,783,505	2.07E-26	0.301	0.278					
cg15234492	12	122,019,076	1.24E-10	0.301	0.261				<i>KDM2B</i>	TSS200
cg05221748	5	122,621,289	8.5E-05	0.301	0.304					

cg14678774	19	12,978,360	6.15E-08	0.301	0.281				<i>MAST1</i>	Body
cg07910560	7	157,361,396	1.08E-17	0.301	0.281				<i>PTPRN2</i>	Body
cg07027116	1	65,731,738	0.037168	0.301	0.293				<i>DNAJC6</i>	Body
cg17740822	12	89,744,609	3.97E-11	0.301	0.301				<i>DUSP6</i>	Body
cg02970525	1	201,915,999	0.00231	0.301	0.117				<i>LMOD1</i>	TSS1500
cg10251229	7	630,581	7.84E-12	0.301	0.279				<i>PRKAR1B</i>	Body
cg15476790	2	218,786,102	6.77E-20	0.301	0.287				<i>TNS1</i>	5'UTR
cg01916115	6	129,204,339	0.000698	0.301	0.318				<i>LAMA2</i>	5'UTR
cg15056966	3	120,003,702	1.34E-05	0.301	0.229					
cg14089984	1	1,182,418	0.001542	0.301	0.313				<i>FAM132A</i>	TSS1500
cg09803262	7	96,622,608	1.44E-07	0.301	0.268				<i>DLX6AS</i>	Body
cg00353773	10	44,880,708	0.000282	0.301	0.259				<i>CXCL12</i>	TSS200
cg03148889	1	78,706,562	4.89E-12	0.301	0.285				<i>MGC27382</i>	Body
cg13294849	3	181,441,571	7.98E-06	0.301	0.285				<i>SOX2OT</i>	Body
cg08207876	2	181,844,876	0.028222	0.301	0.287			Yes	<i>UBE2E3</i>	TSS1500
cg03832522	2	218,898,668	8.91E-06	0.301	0.296					
cg08162372	14	54,422,925	0.039233	0.301	0.376				<i>BMP4</i>	5'UTR
cg06169590	2	43,455,088	0.000308	0.301	0.210				<i>ZFP36L2</i>	TSS1500
cg11102858	17	66,255,427	0.000857	0.301	0.322				<i>ARSG</i>	5'UTR
cg02897667	7	51,539,131	2.04E-08	0.301	0.235					
cg04965987	21	38,378,539	6.06E-07	0.301	0.255				<i>DSCR6</i>	TSS1500
cg07303912	20	6,032,782	0.004936	0.301	0.120				<i>LRRN4</i>	Body
cg16856833	3	87,138,640	7.37E-07	0.301	0.246					
cg23923856	1	113,051,685	0.000757	0.301	0.285				<i>WNT2B</i>	Body
cg07080224	14	21,574,644	2.92E-13	0.301	0.307					
cg17227926	10	115,860,799	0.013205	0.301	0.063					
cg07773769	3	52,280,329	5.4E-09	0.301	0.226				<i>PPM1M</i>	1stExon
cg19536664	17	6,899,085	1.26E-10	0.301	0.241				<i>ALOX12</i>	TSS1500
cg22352717	2	132,285,972	0.000123	0.301	0.223				<i>CCDC74A</i>	Body
cg05707492	17	78,833,484	5.2E-07	0.301	0.198				<i>RPTOR</i>	Body
cg20078807	22	45,608,713	5.14E-13	0.301	0.269				<i>C22orf9</i>	Body
cg15366127	X	40,003,935	1.59E-15	0.301	0.280				<i>BCOR</i>	5'UTR
cg21504918	5	150,400,001	0.001361	0.301	0.127	2.15E-11	0.166		<i>GPX3</i>	5'UTR
cg23965588	11	71,699,167	1.23E-11	0.301	0.292				<i>RNF121</i>	Body



cg08309183	7	150,674,375	3.54E-14	0.301	0.299				<i>KCNH2</i>	Body
cg11213150	9	129,884,457	2.69E-22	0.300	0.285	3.6E-16	0.163		<i>ANGPTL2</i>	5'UTR
cg18905461	14	52,534,596	0.00279	0.300	0.332				<i>NID2</i>	Body
cg26022526	4	8,271,319	1.5E-07	0.300	0.243				<i>HTRA3</i>	TSS200
cg13023623	14	57,276,257	4.23E-07	0.300	0.317				<i>OTX2</i>	5'UTR
cg13787932	5	191,793	1.16E-19	0.300	0.283				<i>LRRC14B</i>	1stExon
cg13692082	9	136,447,400	1.74E-16	0.300	0.288					
cg08864042	2	74,607,470	5.64E-14	0.300	0.311				<i>DCTN1</i>	5'UTR
cg10062193	4	47,533,905	7.25E-14	0.300	0.314				<i>ATP10D</i>	Body
cg15982972	5	50,260,129	3.61E-05	0.300	0.232					
cg20648847	11	66,326,767	4.42E-05	0.300	0.335				<i>ACTN3</i>	Body
cg12366772	2	122,041,891	1.34E-11	0.300	0.281				<i>TFCP2L1</i>	Body
cg12552771	22	29,709,320	4.27E-05	0.300	0.335				<i>RASL10A</i>	Body
cg02798576	10	101,290,168	7.62E-06	0.300	0.291					
cg17534540	3	129,024,712	5.78E-13	0.300	0.315					
cg00026474	8	134,585,500	4.03E-11	0.300	0.296				<i>ST3GAL1</i>	TSS1500
cg13329912	6	16,215,786	9.47E-11	0.300	0.299					
cg19572637	2	66,660,175	2.16E-07	0.300	0.260					
cg18137704	22	17,602,681	9.85E-13	0.300	0.265	5.06E-30	0.196		<i>CECR6</i>	TSS1500
cg03323696	5	59,189,120	6.24E-05	0.300	0.296				<i>PDE4D</i>	Body
cg03635766	17	38,607,865	1.28E-18	0.300	0.308				<i>IGFBP4</i>	Body
cg14019186	3	158,390,074	0.015872	0.300	0.231				<i>GFM1</i>	Body
cg26734888	19	37,825,307	0.004314	0.300	0.178				<i>HKR1</i>	TSS1500
cg25844133	17	21,477,738	6.97E-06	0.300	0.284					
cg05687834	12	106,534,276	3.35E-09	0.300	0.282				<i>NUAK1</i>	TSS1500
cg02769145	1	160,952,126	0.002129	0.300	0.318					
cg01355757	2	74,272,773	1.4E-20	0.300	0.311				<i>TET3</i>	TSS1500
cg04645914	19	52,452,317	0.000183	0.300	0.312					
cg20652404	15	74,218,904	2.99E-17	0.300	0.270				<i>LOXL1</i>	5'UTR
cg07517893	19	45,889,164	1.68E-06	0.300	0.298				<i>PPP1R13L</i>	Body
cg05065948	4	26,275,089	4.04E-26	0.300	0.279					
cg15292275	13	109,149,011	0.001145	0.300	0.229					
cg17459215	2	66,298,242	2.23E-08	0.300	0.322					
cg10082841	9	130,689,321	1.03E-11	0.300	0.250				<i>PIP5KL1</i>	Body

cg14380111	15	81,426,360	0.000263	0.300	0.235				<i>C15orf26</i>	TSS1500
cg15970666	2	162,095,662	6.46E-10	0.300	0.292					
cg21770060	3	159,583,545	2.93E-15	0.300	0.269				<i>SCHIP1</i>	Body
cg00912746	1	33,350,709	4.36E-21	0.300	0.301				<i>HPCA</i>	TSS1500
cg06108383	6	32,120,899	9.77E-13	0.300	0.292				<i>PPT2</i>	TSS1500
cg02327530	7	100,091,786	1.53E-14	0.300	0.304				<i>C7orf51</i>	3'UTR
cg17143518	18	20,716,545	1.54E-06	0.300	0.176				<i>CABLES1</i>	1stExon
cg20133129	X	153,192,433	0.014717	0.300	0.277				<i>ARHGAP4</i>	TSS1500
cg25149251	7	100,488,527	0.006609	0.300	0.310				<i>UFSP1</i>	TSS1500
cg00690082	17	40,438,511	1.49E-17	0.300	0.278				<i>STAT5A</i>	TSS1500
cg16937268	20	21,684,417	0.002578	0.300	0.329					
cg13551814	20	45,280,276	3.62E-16	0.300	0.293				<i>SLC13A3</i>	TSS200
cg17180284	13	31,783,983	2.6E-07	0.300	0.348				<i>B3GALTL</i>	Body
cg17260706	11	118,782,879	1.06E-19	0.300	0.267				<i>BCL9L</i>	TSS1500
cg01744822	16	73,100,510	6.92E-19	0.300	0.289					
cg15184386	3	136,538,601	0.006749	0.300	0.135				<i>TMEM22</i>	5'UTR
cg17608103	6	169,653,612	0.001309	0.300	0.334				<i>THBS2</i>	5'UTR
cg18755783	13	36,919,905	0.02413	0.300	0.341	1.92E-18	0.251		<i>SPG20</i>	5'UTR
cg00488692	2	174,877,566	1.17E-05	0.300	0.269					
cg08958294	6	146,350,131	0.012785	0.300	0.396				<i>GRM1</i>	5'UTR
cg04970352	11	44,327,399	6.54E-07	0.300	0.298	1.24E-22	0.272		<i>ALX4</i>	Body
cg21820656	15	59,157,075	5.6E-08	0.300	0.314					
cg12596505	1	213,090,240	3.49E-05	0.300	0.335					
cg11759875	8	1,405,060	4.39E-34	0.300	0.255			Yes		
cg00531748	4	55,992,689	3.35E-07	0.300	0.269				<i>KDR</i>	TSS1500
cg17674042	6	34,482,479	6.88E-09	0.300	0.289				<i>PACSN1</i>	5'UTR
cg18128164	19	2,253,492	3.51E-12	0.300	0.286				<i>JSRP1</i>	Body
cg11498607	21	36,399,226	0.000155	0.300	0.316				<i>RUNX1</i>	Body
cg19626138	8	37,731,969	3.35E-23	0.300	0.287				<i>RAB11FIP1</i>	Body
cg10861599	1	173,176,523	6.27E-09	0.300	0.296	1.76E-09	0.167		<i>TNFSF4</i>	TSS200
cg14015044	8	22,960,619	0.008103	0.300	0.268	3.9E-22	0.260		<i>TNFRSF10C</i>	5'UTR
cg16126286	1	243,646,235	3.85E-06	0.300	0.235				<i>SDCCAG8</i>	Body
cg14442421	9	19,788,257	0.000716	0.300	0.134				<i>SLC24A2</i>	TSS1500
cg26027669	1	92,952,467	0.000162	0.300	0.262				<i>GFI1</i>	TSS1500

cg04376123	7	73,895,109	6.6E-06	0.299	0.253				<i>GTF2IRD1</i>	5'UTR
cg04621728	2	234,934,131	4.04E-07	0.299	0.275					
cg19214707	7	3,157,722	8.25E-05	0.299	0.237					
cg20229496	19	35,395,800	1.96E-09	0.299	0.306					
cg18514922	2	160,761,262	0.000525	0.299	0.296				<i>LY75</i>	TSS200
cg23298862	7	158,159,286	5.07E-08	0.299	0.286				<i>PTPRN2</i>	Body
cg26071135	11	843,943	1.54E-05	0.299	0.232				<i>TSPAN4</i>	TSS1500
cg15426035	19	36,024,685	3.16E-05	0.299	0.320				<i>GAPDHS</i>	Body
cg17716765	15	29,407,853	9.1E-05	0.299	0.266				<i>APBA2</i>	Body
cg02804510	19	49,199,965	6.73E-05	0.299	0.271				<i>FUT2</i>	5'UTR
cg12378753	10	116,527,201	1.14E-09	0.299	0.224					
cg08465346	12	54,441,458	0.000126	0.299	0.264				<i>HOXC4</i>	5'UTR
cg11334771	11	71,955,337	0.000173	0.299	0.285				<i>PHOX2A</i>	TSS200
cg17589341	18	43,304,079	8.4E-10	0.299	0.303	5.62E-29	0.274		<i>SLC14A1</i>	TSS200
cg10587854	3	37,011,630	6.64E-08	0.299	0.321					
cg25099065	2	69,994,225	2.71E-41	0.299	0.302				<i>ANXA4</i>	5'UTR
cg27277463	12	62,585,031	0.026086	0.299	0.366				<i>FAM19A2</i>	5'UTR
cg05001334	13	35,391,234	1.33E-05	0.299	0.229					
cg16778107	16	381,873	5.03E-15	0.299	0.313				<i>AXIN1</i>	Body
cg17269633	17	42,733,600	2.51E-05	0.299	0.261				<i>C17orf104</i>	TSS200
cg22139166	5	124,071,107	2.11E-07	0.299	0.256				<i>ZNF608</i>	Body
cg00530492	6	29,943,464	3.97E-05	0.299	0.315				<i>HCG9</i>	Body
cg22111078	5	172,655,925	1.02E-06	0.299	0.258					
cg01142710	5	145,713,754	1.81E-05	0.299	0.277					
cg16509851	4	174,430,614	0.000624	0.299	0.309					
cg21004104	1	15,954,209	5.15E-14	0.299	0.250				<i>DDI2</i>	Body
cg19428722	10	100,994,478	7.19E-06	0.299	0.274				<i>HPSE2</i>	Body
cg26130488	17	59,530,104	3.03E-09	0.299	0.298					
cg07220922	3	10,806,022	0.00048	0.299	0.273				<i>LOC285370</i>	TSS200
cg12585943	6	32,121,368	5.49E-17	0.299	0.290	2.8E-33	0.246		<i>PPT2</i>	TSS1500
cg03166753	6	38,683,221	2.94E-12	0.299	0.287					
cg16557944	1	53,068,197	0.002839	0.299	0.090	1.4E-11	0.258		<i>GPX7</i>	1stExon
cg11586832	22	37,721,305	3.08E-06	0.299	0.239					
cg00762613	13	36,045,224	0.000269	0.299	0.327				<i>NBEA</i>	Body

cg20175702	15	70,053,398	1.91E-06	0.299	0.297					
cg25157524	13	30,002,931	0.000192	0.299	0.236				<i>MTUS2</i>	1stExon
cg01860897	1	90,309,605	1.46E-07	0.299	0.233				<i>LRR8D</i>	5'UTR
cg04111435	11	63,448,455	0.000487	0.299	0.164				<i>RTN3</i>	TSS1500
cg19108771	6	32,076,337	1.04E-06	0.299	0.333				<i>TNXB</i>	5'UTR
cg26818820	5	135,468,000	2.63E-07	0.299	0.259				<i>SMAD5</i>	TSS1500
cg26156256	1	116,370,891	1.67E-39	0.299	0.282					
cg20313963	12	8,089,207	2.88E-09	0.299	0.299				<i>SLC2A3</i>	TSS1500
cg26995244	22	45,125,395	3.61E-25	0.299	0.295				<i>PRR5</i>	Body
cg11445109	10	135,343,248	0.01993	0.299	0.240				<i>CYP2E1</i>	Body
cg06274159	4	188,916,867	0.001303	0.299	0.320	3.78E-12	0.265		<i>ZFP42</i>	TSS200
cg21143446	13	108,922,340	3.39E-06	0.299	0.255				<i>TNFSF13B</i>	1stExon
cg01544903	16	56,697,229	1.59E-07	0.299	0.293					
cg14654171	9	130,151,001	5.49E-07	0.299	0.292				<i>GARNL3</i>	Body
cg04217778	7	5,111,916	0.007805	0.299	0.317				<i>LOC389458</i>	Body
cg26181939	11	61,063,062	3.34E-19	0.299	0.257				<i>VWCE</i>	TSS1500
cg07964848	10	28,035,894	1.41E-07	0.299	0.309				<i>MKX</i>	TSS1500
cg17011709	10	94,826,053	1.75E-05	0.299	0.186				<i>CYP26C1</i>	Body
cg06894334	4	1,398,599	8.92E-10	0.299	0.267					
cg23562538	8	144,798,877	1.72E-19	0.299	0.323				<i>MAPK15</i>	Body
cg23313031	6	29,974,745	1.26E-09	0.299	0.284				<i>HLA-J</i>	Body
cg02792792	5	115,152,420	0.001226	0.299	0.152				<i>CDO1</i>	TSS200
cg06370069	10	73,728,417	5.92E-09	0.299	0.305				<i>CHST3</i>	5'UTR
cg06585233	1	229,543,009	1.77E-06	0.299	0.297					
cg15856626	3	140,796,013	5.63E-06	0.299	0.263				<i>SPSB4</i>	Body
cg23489038	12	111,619,190	0.00183	0.299	0.175				<i>CUX2</i>	Body
cg04282607	22	22,007,286	1.56E-25	0.299	0.288				<i>MIR301B</i>	Body
cg24314564	3	188,668,940	1.31E-08	0.299	0.322					
cg11861562	11	117,069,780	2.27E-18	0.299	0.307				<i>TAGLN</i>	TSS1500
cg19792802	11	65,647,270	1.25E-12	0.299	0.288				<i>CTSW</i>	TSS200
cg03269060	3	158,450,208	0.031937	0.299	0.120				<i>RARRES1</i>	5'UTR
cg13692446	13	112,759,719	0.013842	0.299	0.368					
cg10776919	1	50,889,442	4.92E-10	0.299	0.279				<i>DMRTA2</i>	TSS1500
cg19696441	1	20,512,463	4.14E-06	0.299	0.293				<i>UBXN10</i>	TSS200

cg18093120	22	50,523,955	3.33E-05	0.299	0.263				<i>MLC1</i>	1stExon
cg18187244	6	10,881,782	6.61E-07	0.299	0.289				<i>GCM2</i>	Body
cg26781150	1	45,792,542	6.67E-05	0.299	0.287	1.55E-26	0.201		<i>HPDL</i>	TSS200
cg12516959	21	47,718,080	1.43E-17	0.299	0.283					
cg15232240	6	90,143,704	0.005658	0.299	0.236				<i>ANKRD6</i>	5'UTR
cg22466678	12	89,749,033	3.52E-08	0.299	0.293					
cg04212092	1	27,889,261	1.02E-15	0.299	0.291				<i>AHDC1</i>	5'UTR
cg08034440	2	176,940,341	2.85E-05	0.299	0.227					
cg01449144	8	49,782,592	3.48E-05	0.299	0.223					
cg18834878	X	105,067,311	0.001097	0.298	0.258				<i>NRK</i>	Body
cg22979093	7	137,028,410	0.002844	0.298	0.207				<i>PTN</i>	5'UTR
cg14635269	9	129,439,339	1.12E-06	0.298	0.283				<i>LMX1B</i>	Body
cg15988320	5	140,868,422	1.73E-11	0.298	0.322				<i>PCDHGA4</i>	Body
cg03794213	16	22,220,727	5.16E-11	0.298	0.331				<i>EEF2K</i>	5'UTR
cg27592331	18	19,756,582	1.13E-06	0.298	0.284				<i>GATA6</i>	Body
cg14473575	3	193,788,394	0.001143	0.298	0.209					
cg16707227	2	19,157,847	0.033063	0.298	0.194					
cg13463203	9	132,961,972	1.44E-20	0.298	0.306				<i>FREQ</i>	TSS1500
cg11603463	8	10,588,486	8.04E-07	0.298	0.181				<i>SOX7</i>	TSS1500
cg22560979	5	10,565,263	0.000436	0.298	0.272				<i>ANKRD33B</i>	Body
cg17516247	1	174,933,574	4.77E-27	0.298	0.288					
cg06897478	1	20,799,799	4.9E-11	0.298	0.272					
cg14626725	2	238,080,231	1.63E-17	0.298	0.281					
cg11385003	21	45,148,332	0.023634	0.298	0.189				<i>PDXK</i>	Body
cg03943218	10	102,419,600	0.011339	0.298	0.304					
cg02276070	5	149,683,066	3.46E-23	0.298	0.261				<i>ARSI</i>	TSS1500
cg04192393	15	63,673,286	1.03E-14	0.298	0.292				<i>CA12</i>	Body
cg13797425	14	102,554,977	3.09E-06	0.298	0.309				<i>HSP90AA1</i>	TSS1500
cg07636194	6	27,107,282	9.23E-06	0.298	0.295				<i>HIST1H2BK</i>	3'UTR
cg16709232	17	72,322,154	0.001166	0.298	0.189				<i>KIF19</i>	TSS200
cg19546583	19	16,022,523	1.44E-07	0.298	0.283					
cg08857994	2	130,763,641	2.68E-05	0.298	0.298					
cg02367655	1	178,064,623	0.001561	0.298	0.343				<i>RASAL2</i>	Body
cg02491396	2	172,966,428	5.55E-05	0.298	0.364				<i>DLX2</i>	Body

cg21241675	9	93,925,541	4.21E-15	0.298	0.281					
cg05086798	X	23,350,313	0.000775	0.298	0.285					
cg22660578	17	35,294,029	3.29E-05	0.298	0.334	2.61E-13	0.200		<i>LHX1</i>	TSS1500
cg15367247	3	185,960,440	6.31E-08	0.298	0.310				<i>DGKG</i>	Body
cg06807117	1	204,329,004	4.34E-28	0.298	0.288				<i>PLEKHA6</i>	5'UTR
cg17344321	7	22,617,382	0.000481	0.298	0.228					
cg12248614	19	41,018,880	0.041217	0.298	0.298				<i>SPTBN4</i>	Body
cg18566883	21	38,919,676	0.007091	0.298	0.217					
cg07126525	6	166,218,519	0.043294	0.298	0.160					
cg17495912	13	37,006,340	0.008343	0.298	0.276				<i>CCNA1</i>	5'UTR
cg24374161	11	46,582,058	0.001411	0.298	0.181				<i>AMBRA1</i>	5'UTR
cg15087147	7	127,672,169	9.06E-07	0.298	0.215	1.12E-10	0.186		<i>SND1</i>	Body
cg11843238	5	131,593,191	0.00677	0.298	0.218				<i>PDLIM4</i>	TSS200
cg02539083	7	97,361,148	2.8E-07	0.298	0.287				<i>TAC1</i>	TSS200
cg24404630	18	13,611,824	8.93E-10	0.298	0.276				<i>C18orf1</i>	5'UTR
cg10648139	2	206,551,364	0.000975	0.298	0.301				<i>NRP2</i>	Body
cg12116288	17	70,215,735	6.93E-07	0.298	0.275					
cg10440578	1	115,397,857	0.008676	0.298	0.250				<i>SYCP1</i>	5'UTR
cg15496864	10	119,312,767	0.005176	0.298	0.366					
cg25451893	12	25,538,177	2.98E-05	0.298	0.228					
cg07679836	6	33,548,423	2.44E-06	0.298	0.238				<i>BAK1</i>	TSS1500
cg12966367	3	50,378,407	1.13E-06	0.298	0.277				<i>RASSF1</i>	TSS200
cg18040354	17	53,800,484	0.00348	0.298	0.315				<i>TMEM100</i>	TSS1500
cg18070676	14	85,997,519	0.000634	0.298	0.328				<i>FLRT2</i>	5'UTR
cg17177632	2	131,512,961	0.004244	0.298	0.281				<i>FAM123C</i>	TSS1500
cg17972013	5	9,547,468	1.37E-15	0.298	0.260				<i>SNORD123</i>	TSS1500
cg22881435	8	37,732,086	2.97E-18	0.298	0.267				<i>RAB11FIP1</i>	Body
cg05690644	8	97,158,015	2.54E-09	0.298	0.303				<i>GDF6</i>	Body
cg13934625	15	52,472,770	6.65E-05	0.298	0.208				<i>GNB5</i>	TSS1500
cg20191066	17	56,413,977	1.42E-08	0.298	0.297					
cg03512637	6	33,215,685	6.9E-09	0.298	0.308					
cg02413040	21	36,419,648	4.71E-06	0.298	0.260				<i>RUNX1</i>	Body
cg08477106	4	75,895,596	3.2E-24	0.298	0.277				<i>PARM1</i>	Body
cg11334165	5	145,758,782	1.45E-20	0.298	0.283					

cg18412777	X	133,680,665	0.008168	0.298	0.238				<i>MGC16121</i>	TSS200
cg25786366	22	24,817,597	1.17E-07	0.298	0.316					
cg02527527	22	38,303,310	1.36E-12	0.298	0.243				<i>MICALL1</i>	Body
cg00376553	7	100,073,281	4.68E-29	0.298	0.310				<i>TSC22D4</i>	Body
cg23874437	19	38,886,110	1.32E-11	0.298	0.296				<i>SPRED3</i>	Body
cg19103169	7	1,280,040	0.000315	0.298	0.323					
cg26113512	3	38,035,601	0.022213	0.298	0.127	6.78E-09	0.188		<i>VILL</i>	Body
cg27031435	15	37,403,184	0.0226	0.298	0.208					
cg15280358	10	127,904,472	4.37E-12	0.298	0.286				<i>ADAM12</i>	Body
cg11365617	12	110,174,620	1.53E-08	0.298	0.290				<i>MGC14436</i>	Body
cg12149299	12	96,762,309	5.53E-15	0.298	0.303				<i>CDK17</i>	5'UTR
cg14885762	17	75,446,450	6.08E-09	0.298	0.224				<i>SEPT9</i>	TSS200
cg23722334	X	106,515,943	0.000605	0.298	0.330					
cg11386011	6	32,121,156	8.22E-07	0.298	0.329				<i>PPT2</i>	TSS200
cg02541592	22	45,608,686	1.27E-07	0.298	0.264				<i>C22orf9</i>	Body
cg14227486	4	41,867,415	4.61E-06	0.298	0.321					
cg07216036	12	132,950,611	0.049407	0.298	0.343					
cg13291283	17	10,101,195	0.009199	0.298	0.229				<i>GAS7</i>	Body
cg01187920	5	71,015,162	3.29E-07	0.298	0.272				<i>CARTPT</i>	1stExon
cg04166042	1	50,896,246	2.23E-08	0.298	0.267					
cg03628000	16	14,596,062	8.1E-11	0.298	0.334				<i>PARN</i>	Body
cg09444392	5	179,781,245	0.001856	0.298	0.268				<i>GFPT2</i>	TSS1500
cg18665334	2	231,735,434	3.32E-13	0.298	0.282				<i>ITM2C</i>	Body
cg16353006	1	197,882,469	0.002122	0.298	0.318				<i>LHX9</i>	Body
cg19869035	7	2,653,955	7.59E-09	0.298	0.261				<i>IQCE</i>	3'UTR
cg07723510	6	30,228,063	8.59E-05	0.297	0.289				<i>HLA-L</i>	Body
cg00497232	4	6,665,905	1.8E-10	0.297	0.288					
cg03210314	16	22,959,594	5.03E-05	0.297	0.286					
cg20323175	12	68,758,857	1.28E-05	0.297	0.261					
cg00797821	16	49,888,944	0.023614	0.297	0.209					
cg03847716	22	30,938,483	0.017805	0.297	0.210					
cg13571479	7	2,077,345	3.63E-13	0.297	0.322				<i>MAD1L1</i>	Body
cg20151221	11	325,030	3.36E-14	0.297	0.279					
cg08369368	5	176,559,881	6.92E-08	0.297	0.286				<i>NSD1</i>	TSS200

cg08402365	2	172,945,274	6.12E-08	0.297	0.255				<i>MAP1D</i>	3'UTR
cg09746279	6	29,895,016	5.5E-05	0.297	0.276					
cg22777979	11	134,283,252	2.93E-08	0.297	0.313				<i>B3GAT1</i>	TSS1500
cg17319007	14	92,414,300	0.024282	0.297	0.127				<i>FBLN5</i>	TSS1500
cg05495546	5	113,390,551	3.89E-12	0.297	0.285					
cg08291098	20	62,285,239	6.38E-05	0.297	0.202	1.2E-16	0.133		<i>STMN3</i>	TSS1500
cg14045872	7	49,813,065	0.049439	0.297	0.340				<i>VWC2</i>	TSS200
cg08929399	3	151,778,972	4.62E-13	0.297	0.267					
cg03407747	17	6,899,364	9.12E-07	0.297	0.234				<i>ALOX12</i>	TSS200
cg04223044	22	45,608,428	2.9E-05	0.297	0.264				<i>C22orf9</i>	Body
cg26453588	22	43,506,021	5.16E-20	0.297	0.276	5.36E-26	0.234		<i>BIK</i>	TSS1500
cg05310249	8	23,560,590	0.008482	0.297	0.226				<i>NKX2-6</i>	Body
cg02232839	1	156,404,965	2.39E-05	0.297	0.341					
cg03149565	4	109,092,769	0.041636	0.297	0.365				<i>LOC641518</i>	TSS1500
cg23287547	15	52,820,479	0.000406	0.297	0.175	0.00000187	0.086		<i>MYO5A</i>	Body
cg00875805	4	140,656,749	4.57E-06	0.297	0.299				<i>MAML3</i>	Body
cg04219946	7	87,104,724	1.77E-05	0.297	0.238				<i>ABCB4</i>	Body
cg13691247	12	54,071,090	0.015172	0.297	0.269				<i>ATP5G2</i>	TSS1500
cg06802522	8	124,173,231	0.000657	0.297	0.256					
cg09142578	17	79,140,486	2.05E-05	0.297	0.236				<i>AATK</i>	TSS1500
cg17495250	5	2,727,907	0.000265	0.297	0.300					
cg24115040	7	96,652,375	7.95E-05	0.297	0.279	2.62E-15	0.252		<i>DLX5</i>	Body
cg02640604	16	29,690,271	3.92E-29	0.297	0.315				<i>QPRT</i>	TSS200
cg06357561	17	40,439,501	7.77E-10	0.297	0.268				<i>STAT5A</i>	TSS200
cg07263235	8	19,796,394	1.77E-05	0.297	0.228				<i>LPL</i>	TSS200
cg09157176	11	44,599,232	8.22E-10	0.297	0.239				<i>CD82</i>	5'UTR
cg14630206	11	77,121,864	7.42E-15	0.297	0.290				<i>PAK1</i>	5'UTR
cg15070894	6	29,894,162	3.73E-09	0.297	0.291				<i>HCG4P6</i>	TSS1500
cg25735648	15	35,998,009	1.11E-08	0.297	0.318					
cg27272235	1	221,061,070	1.49E-05	0.297	0.224					
cg22627841	17	48,546,258	1.95E-06	0.297	0.273				<i>CHAD</i>	TSS200
cg00514609	11	111,783,348	0.001425	0.297	0.379				<i>CRYAB</i>	TSS1500
cg19113530	2	178,257,923	0.006783	0.297	0.201				<i>LOC100130691</i>	TSS1500
cg14346208	11	35,547,548	0.002283	0.297	0.276				<i>PAMR1</i>	TSS1500



cg08041308	17	73,028,425	0.001286	0.297	0.243					
cg11231958	1	9,509,421	7.2E-06	0.297	0.277					
cg19604907	12	50,444,723	2.16E-06	0.297	0.252					
cg07394266	9	71,155,970	2.5E-19	0.297	0.285				<i>C9orf71</i>	TSS200
cg22753382	4	3,660,005	0.007922	0.297	0.138					
cg10020356	17	7,906,042	0.004894	0.297	0.364				<i>GUCY2D</i>	1stExon
cg08901901	1	160,951,907	0.002222	0.297	0.295					
cg11097433	10	108,924,557	0.003408	0.297	0.369				<i>SORCS1</i>	TSS1500
cg00109344	9	116,344,532	2.27E-12	0.297	0.289				<i>RGS3</i>	Body
cg01233722	14	24,838,126	4.58E-13	0.297	0.256				<i>NFATC4</i>	Body
cg17142183	2	102,608,192	5.85E-06	0.297	0.265	2.96E-11	0.262		<i>IL1R2</i>	TSS200
cg25058482	2	161,993,315	4.8E-05	0.297	0.292				<i>TANK</i>	TSS200
cg03216846	1	119,543,883	1.64E-09	0.297	0.268					
cg04176888	19	41,596,066	3.23E-05	0.297	0.305				<i>CYP2A13</i>	Body
cg14381908	10	43,697,817	1.26E-07	0.297	0.261			Yes	<i>RASGEF1A</i>	Body
cg11590053	6	41,343,459	0.02671	0.297	0.421					
cg02305377	12	103,355,958	0.028028	0.297	0.281					
cg06911110	1	17,293,971	2.27E-17	0.297	0.281				<i>CROCC</i>	Body
cg23499956	1	153,584,920	1.88E-12	0.297	0.315	8.93E-32	0.168		<i>S100A16</i>	5'UTR
cg24293507	1	10,511,793	4.95E-06	0.297	0.243				<i>APITD1</i>	3'UTR
cg26337998	5	140,749,783	0.011449	0.297	0.371				<i>PCDHGA4</i>	Body
cg07372520	1	180,086,434	6.15E-38	0.297	0.273					
cg08409482	X	132,551,364	0.000467	0.297	0.265					
cg01414185	2	177,017,449	2.3E-08	0.297	0.235				<i>HOXD4</i>	Body
cg00982919	9	126,775,263	8.85E-12	0.297	0.314				<i>LHX2</i>	Body
cg18438944	16	56,672,525	7.13E-06	0.297	0.293				<i>MT1A</i>	TSS200
cg09981361	8	109,206,108	7.51E-07	0.297	0.307					
cg04908077	3	150,187,338	7.24E-11	0.297	0.343					
cg15261247	7	129,425,731	9.09E-06	0.296	0.297					
cg00393825	20	42,137,061	1.29E-05	0.296	0.298					
cg06487301	19	11,531,313	0.000738	0.296	0.300				<i>RGL3</i>	TSS1500
cg21642176	2	17,699,740	0.019902	0.296	0.305				<i>RAD51AP2</i>	TSS200
cg01774894	17	46,674,395	4.75E-06	0.296	0.289				<i>LOC404266</i>	Body
cg20744163	10	80,999,841	4.3E-15	0.296	0.308				<i>ZMIZ1</i>	Body

cg16446288	7	98,424,232	1.81E-06	0.296	0.294					
cg26855801	2	45,176,983	0.000132	0.296	0.181					
cg20300343	1	149,719,461	3.5E-08	0.296	0.303					
cg07157830	1	236,228,741	0.015728	0.296	0.116				<i>NID1</i>	TSS1500
cg25947878	2	20,068,702	0.018267	0.296	0.155					
cg06609866	3	57,929,568	4.73E-27	0.296	0.282					
cg07483244	13	95,358,924	3.88E-06	0.296	0.267					
cg27416337	3	32,748,004	9.49E-14	0.296	0.307				<i>CNOT10</i>	Body
cg11935153	6	30,923,306	0.012445	0.296	0.373					
cg08280468	16	12,997,534	4.11E-09	0.296	0.289				<i>SHISA9</i>	Body
cg21655710	1	54,856,511	4.7E-12	0.296	0.269				<i>SSBP3</i>	Body
cg23901918	10	105,420,747	2.22E-10	0.296	0.232				<i>SH3PXD2A</i>	Body
cg27252696	6	100,912,940	0.012425	0.296	0.358				<i>SIM1</i>	TSS1500
cg02779016	15	43,809,689	3.2E-08	0.296	0.275				<i>MAP1A</i>	TSS200
cg09237846	12	105,114,399	1.54E-08	0.296	0.277				<i>CHST11</i>	Body
cg06775523	1	3,514,921	1.71E-09	0.296	0.291				<i>MEGF6</i>	Body
cg18337363	3	52,569,053	1.92E-09	0.296	0.234				<i>NT5DC2</i>	5'UTR
cg23752000	17	78,442,298	0.000436	0.296	0.236				<i>NPTX1</i>	3'UTR
cg25046720	4	183,801,938	3.83E-09	0.296	0.328					
cg00612595	21	47,717,864	1.35E-09	0.296	0.294					
cg04293307	17	63,553,581	1.08E-09	0.296	0.235				<i>AXIN2</i>	Body
cg16640855	2	182,543,233	0.001794	0.296	0.228				<i>NEUROD1</i>	Body
cg02640104	13	30,476,615	3.34E-10	0.296	0.305					
cg11288144	6	30,649,909	1.17E-05	0.296	0.312				<i>KIAA1949</i>	Body
cg24268343	X	56,260,186	2.66E-15	0.296	0.298				<i>KLF8</i>	Body
cg17237063	3	29,323,182	0.002452	0.296	0.342	1.37E-20	0.200		<i>RBMS3</i>	1stExon
cg02059626	8	76,319,264	1.18E-07	0.296	0.276					
cg09505809	1	180,123,222	4.74E-12	0.296	0.278				<i>QSOX1</i>	TSS1500
cg22481950	6	161,395,786	4.43E-10	0.296	0.305					
cg15984661	19	46,916,520	6.3E-05	0.296	0.310	1.92E-10	0.142		<i>CCDC8</i>	1stExon
cg06590173	19	16,189,360	0.001015	0.296	0.266				<i>TPM4</i>	Body
cg23571457	X	101,907,558	4.15E-13	0.296	0.285	8.52E-29	0.204		<i>GPRASP1</i>	5'UTR
cg15754153	2	43,865,055	2.56E-05	0.296	0.304				<i>PLEKHH2</i>	5'UTR
cg19381811	3	49,851,713	1.77E-14	0.296	0.287				<i>UBA7</i>	TSS1500

cg13297960	21	22,370,237	2.24E-05	0.296	0.311				<i>NCAM2</i>	TSS1500
cg10616216	11	128,321,662	3.31E-24	0.296	0.296					
cg12608692	5	16,742,020	3.01E-26	0.296	0.291				<i>MYO10</i>	Body
cg21781979	13	100,547,292	0.001642	0.296	0.216				<i>CLYBL</i>	3'UTR
cg03220945	1	205,537,877	0.000133	0.296	0.179				<i>MFSD4</i>	TSS1500
cg10521153	1	91,307,077	0.000102	0.296	0.362					
cg26917694	1	221,061,058	6.51E-05	0.296	0.227					
cg00930873	15	58,357,973	9.93E-06	0.296	0.293	2.57E-15	0.159		<i>ALDH1A2</i>	TSS200
cg04270048	20	33,296,729	3.62E-10	0.296	0.211				<i>TP53INP2</i>	Body
cg04242021	8	121,137,288	0.002025	0.296	0.243				<i>COL14A1</i>	TSS200
cg09969277	15	89,922,328	2.88E-05	0.296	0.265				<i>LOC254559</i>	Body
cg10043253	17	6,616,425	0.002604	0.296	0.346				<i>SLC13A5</i>	Body
cg26175971	2	219,647,167	5.54E-05	0.296	0.202				<i>CYP27A1</i>	Body
cg23031975	2	67,601,521	5.11E-24	0.296	0.248					
cg25150953	4	41,540,229	2.16E-11	0.296	0.314				<i>LIMCH1</i>	Body
cg00670942	17	74,836,683	2.45E-07	0.296	0.316					
cg05917460	14	37,126,902	5.62E-09	0.296	0.300				<i>PAX9</i>	1stExon
cg19853364	2	99,082,357	4.85E-18	0.296	0.278				<i>INPP4A</i>	5'UTR
cg08551725	7	30,029,776	0.014143	0.296	0.141				<i>SCRN1</i>	TSS1500
cg20584157	3	64,149,428	2.75E-11	0.296	0.287				<i>PRICKLE2</i>	Body
cg17718302	6	27,858,637	0.000317	0.296	0.321	5.02E-20	0.228		<i>HIST1H3J</i>	TSS200
cg09608652	16	53,105,688	1.18E-10	0.296	0.278				<i>CHD9</i>	5'UTR
cg12535476	6	55,691,833	3.15E-17	0.296	0.244				<i>BMP5</i>	Body
cg27616661	16	2,040,981	0.00467	0.296	0.390				<i>SYNGR3</i>	Body
cg22410382	X	134,124,941	0.008155	0.296	0.299				<i>LOC644538</i>	TSS200
cg27315157	1	79,086,197	0.000158	0.296	0.185				<i>IFI44L</i>	5'UTR
cg01901262	16	54,966,837	0.002266	0.296	0.339				<i>IRX5</i>	Body
cg01937840	5	11,588,971	6.68E-08	0.296	0.294				<i>CTNND2</i>	Body
cg03753331	2	115,919,006	0.014375	0.296	0.302				<i>DPP10</i>	TSS1500
cg26667946	13	46,425,874	0.00099	0.296	0.269				<i>SIAH3</i>	TSS200
cg01638193	14	68,571,056	1.93E-16	0.296	0.297				<i>RAD51L1</i>	Body
cg23795217	12	54,812,000	1.31E-06	0.296	0.287				<i>ITGA5</i>	Body
cg08164484	1	58,713,941	1.83E-07	0.296	0.266				<i>DAB1</i>	5'UTR
cg19755318	3	50,243,323	1.24E-09	0.296	0.257				<i>SLC38A3</i>	5'UTR

cg07921371	13	20,768,536	6.23E-08	0.296	0.264				<i>GJB2</i>	TSS1500
cg04056576	3	160,475,090	1.06E-09	0.296	0.296				<i>PPM1L</i>	Body
cg10712173	4	8,271,414	0.001263	0.296	0.237				<i>HTRA3</i>	TSS200
cg17214107	4	123,747,542	4.71E-09	0.296	0.276				<i>FGF2</i>	TSS1500
cg01141459	22	30,476,452	1.08E-12	0.296	0.292				<i>HORMAD2</i>	1stExon
cg09282497	2	18,059,200	0.021661	0.296	0.164				<i>KCNS3</i>	TSS1500
cg12972233	9	91,605,893	1.51E-19	0.296	0.278				<i>C9orf47</i>	1stExon
cg25594899	1	1,182,226	0.035813	0.295	0.380				<i>FAM132A</i>	TSS200
cg15616310	11	94,570,647	1.73E-18	0.295	0.287				<i>AMOTL1</i>	Body
cg10789281	12	81,471,882	0.000153	0.295	0.280				<i>ACSS3</i>	1stExon
cg05447023	15	40,531,952	3.39E-07	0.295	0.290				<i>PAK6</i>	5'UTR
cg15678825	18	77,266,975	3.86E-13	0.295	0.266				<i>NFATC1</i>	Body
cg04257984	2	171,568,984	0.002482	0.295	0.211				<i>LOC440925</i>	Body
cg25756780	2	121,345,047	1.39E-33	0.295	0.274					
cg00986824	12	75,601,465	0.001374	0.295	0.234				<i>KCNC2</i>	Body
cg21301805	1	119,534,644	4.54E-07	0.295	0.332					
cg03199651	4	4,862,770	9.17E-08	0.295	0.284				<i>MSX1</i>	Body
cg08003102	4	88,451,496	2.75E-10	0.295	0.284				<i>SPARCL1</i>	TSS1500
cg04602939	20	62,184,207	2.36E-05	0.295	0.314				<i>C20orf195</i>	TSS200
cg16188209	12	103,311,596	0.002123	0.295	0.151				<i>PAH</i>	TSS1500
cg10547969	17	35,084,975	0.003158	0.295	0.298					
cg18926212	12	50,297,936	0.002096	0.295	0.261				<i>FAIM2</i>	TSS1500
cg20907456	11	57,405,372	3.37E-24	0.295	0.270					
cg25761326	10	11,206,792	0.006128	0.295	0.183				<i>CUGBP2</i>	TSS200
cg11480627	11	70,672,876	1.9E-16	0.295	0.273				<i>SHANK2</i>	Body
cg01363736	20	37,172,289	9.23E-11	0.295	0.267				<i>RALGAPB</i>	Body
cg23480730	14	33,402,027	5.56E-07	0.295	0.292					
cg15360478	2	43,094,440	1.93E-22	0.295	0.290					
cg20024403	17	81,039,326	0.000165	0.295	0.236				<i>METRNL</i>	Body
cg23172664	6	86,169,204	6.04E-10	0.295	0.305				<i>NT5E</i>	Body
cg02792740	6	2,876,395	0.000444	0.295	0.303					
cg12996913	3	72,338,454	0.030293	0.295	0.137					
cg07537443	17	47,572,132	2.65E-32	0.295	0.255				<i>NGFR</i>	TSS1500
cg03861427	6	29,855,325	2.09E-15	0.295	0.265				<i>HLA-H</i>	TSS200

cg05890484	5	78,407,552	1.63E-11	0.295	0.285	1.74E-24	0.238			<i>BHMT</i>	TSS200
cg23049458	1	62,660,624	0.001249	0.295	0.282					<i>L1TD1</i>	5'UTR
cg01513307	6	108,479,557	0.001302	0.295	0.293						
cg09070799	6	151,561,236	0.000111	0.295	0.173					<i>AKAP12</i>	5'UTR
cg18793404	7	52,156,489	6.39E-05	0.295	0.248						
cg22877570	3	171,175,950	5.98E-07	0.295	0.328					<i>TNIK</i>	Body
cg12198841	5	115,941,397	5.77E-19	0.295	0.275						
cg13921605	9	133,808,174	2.18E-12	0.295	0.307					<i>FIBCD1</i>	Body
cg25193276	1	41,901,646	1.79E-11	0.295	0.283						
cg14097568	1	94,792,942	2.13E-08	0.295	0.235						
cg01968657	1	237,207,256	0.016064	0.295	0.197					<i>RYR2</i>	Body
cg25165701	3	151,985,697	4.98E-08	0.295	0.299					<i>LOC401093</i>	Body
cg12345672	7	127,672,658	1.98E-05	0.295	0.305					<i>SND1</i>	Body
cg01661350	13	70,682,098	0.00127	0.295	0.284					<i>KLHL1</i>	1stExon
cg06152586	7	157,890,659	1.28E-13	0.295	0.266				Yes	<i>PTPRN2</i>	Body
cg17545346	6	28,956,609	1.85E-08	0.295	0.304						
cg18702689	4	110,223,138	0.004805	0.295	0.350					<i>COL25A1</i>	Body
cg26075747	6	30,457,407	3.02E-16	0.295	0.289					<i>HLA-E</i>	Body
cg10320410	7	64,343,315	0.023315	0.295	0.166						
cg16849268	8	125,721,998	0.000241	0.295	0.240					<i>MTSS1</i>	Body
cg10418289	14	23,308,294	1.62E-16	0.295	0.294					<i>MMP14</i>	Body
cg20216655	6	2,665,911	3.5E-06	0.295	0.250					<i>MYLK4</i>	3'UTR
cg22867816	4	16,081,205	8.37E-23	0.295	0.277					<i>PROM1</i>	5'UTR
cg01630690	14	36,992,001	0.000328	0.295	0.368						
cg04713531	7	158,197,288	4.17E-12	0.295	0.294					<i>PTPRN2</i>	Body
cg10879397	5	148,555,266	5.54E-21	0.295	0.288					<i>ABLIM3</i>	Body
cg13759852	17	8,056,985	1.55E-20	0.295	0.299					<i>PER1</i>	TSS1500
cg26234658	7	36,343,787	4.3E-16	0.295	0.258						
cg15701237	3	187,086,154	0.006807	0.295	0.115					<i>RTP4</i>	TSS200
cg12120292	17	3,867,227	0.002628	0.295	0.253					<i>ATP2A3</i>	Body
cg02773086	2	177,027,440	0.001214	0.295	0.181					<i>HOXD3</i>	TSS1500
cg14458932	20	45,439,805	3.85E-08	0.295	0.317						
cg17853216	10	81,002,480	0.041006	0.295	0.175					<i>ZMIZ1</i>	Body
cg25885684	15	100,048,426	1.25E-06	0.295	0.241						

cg09363604	4	83,675,306	1.22E-07	0.295	0.302				<i>MIR575</i>	TSS1500
cg05624862	16	1,349,657	0.002491	0.295	0.302					
cg05735180	18	55,095,177	0.01169	0.295	0.303					
cg23878906	18	29,304,818	1.42E-07	0.295	0.269					
cg13525428	2	129,076,361	3.55E-07	0.295	0.254				<i>HS6ST1</i>	TSS200
cg15103584	18	56,943,576	3.61E-05	0.295	0.319					
cg26987855	6	10,426,637	0.001708	0.295	0.396					
cg01942226	4	154,218,350	1.53E-08	0.295	0.249				<i>TRIM2</i>	Body
cg17820459	5	150,400,531	0.000176	0.295	0.143	1.02E-14	0.197		<i>GPX3</i>	Body
cg00369811	6	37,673,597	0.012216	0.295	0.309					
cg08619932	19	49,200,058	7.54E-06	0.295	0.293				<i>FUT2</i>	5'UTR
cg12829045	10	77,228,852	8.65E-08	0.295	0.295					
cg14838248	11	64,147,847	3.39E-31	0.295	0.287					
cg17550566	7	2,681,436	1.77E-16	0.295	0.294				<i>TTYH3</i>	Body
cg23625660	5	135,266,516	6.26E-09	0.295	0.250				<i>FBXL21</i>	5'UTR
cg07785447	14	95,235,127	0.00823	0.295	0.336				<i>GSC</i>	Body
cg10851413	10	99,532,174	3.91E-05	0.295	0.304				<i>SFRP5</i>	TSS1500
cg13104938	11	843,956	2.79E-09	0.295	0.235				<i>TSPAN4</i>	TSS1500
cg08069249	4	6,676,075	2.29E-19	0.294	0.301				<i>LOC93622</i>	Body
cg01461552	11	20,692,867	0.000965	0.294	0.275				<i>NELL1</i>	Body
cg20281962	10	8,089,733	5.2E-05	0.294	0.272					
cg07507251	3	52,567,010	0.000604	0.294	0.147				<i>NT5DC2</i>	Body
cg15396686	10	124,897,048	0.000292	0.294	0.273				<i>HMX3</i>	Body
cg18660345	20	35,169,539	2.85E-09	0.294	0.284				<i>MYL9</i>	TSS1500
cg09803951	6	29,910,796	5.89E-07	0.294	0.289				<i>HLA-A</i>	Body
cg23174932	6	31,831,502	2.64E-06	0.294	0.257				<i>NEU1</i>	TSS1500
cg08925720	11	61,314,936	1.36E-65	0.294	0.291				<i>SYT7</i>	Body
cg09550810	1	61,519,890	0.000161	0.294	0.226					
cg13756380	9	135,455,174	0.000109	0.294	0.302					
cg22723502	6	26,240,528	0.023424	0.294	0.343				<i>HIST1H4F</i>	TSS200
cg02649547	10	95,848,791	4.46E-06	0.294	0.270				<i>PLCE1</i>	TSS200
cg04906283	14	77,965,859	3.57E-10	0.294	0.270				<i>ISM2</i>	TSS1500
cg05135644	6	108,489,795	0.000105	0.294	0.312				<i>NR2E1</i>	Body
cg14549256	4	2,627,142	2.95E-19	0.294	0.305				<i>FAM193A</i>	TSS200

cg07099331	10	102,419,617	0.000716	0.294	0.305					
cg13799941	7	96,632,294	2.84E-25	0.294	0.289				<i>DLX6AS</i>	Body
cg11423684	6	29,691,993	4.82E-05	0.294	0.215				<i>HLA-F</i>	Body
cg13605988	15	45,421,612	0.008974	0.294	0.349				<i>DUOX1</i>	TSS1500
cg08072992	19	14,229,581	0.000329	0.294	0.260				<i>PRKACA</i>	TSS1500
cg11609001	19	18,901,843	0.004802	0.294	0.256				<i>COMP</i>	Body
cg16300637	14	97,059,005	0.003975	0.294	0.234					
cg01515543	9	92,254,510	2.11E-10	0.294	0.281				<i>LOC100129066</i>	TSS200
cg04609635	2	24,398,695	3.25E-06	0.294	0.247				<i>C2orf84</i>	Body
cg07766263	3	170,303,045	6.57E-17	0.294	0.289				<i>SLC7A14</i>	5'UTR
cg12406391	1	6,520,194	1.01E-07	0.294	0.280				<i>ESPN</i>	Body
cg13888593	2	74,642,470	0.000206	0.294	0.288				<i>C2orf81</i>	Body
cg10008757	10	8,097,183	0.00038	0.294	0.314				<i>GATA3</i>	5'UTR
cg14615784	5	94,955,756	0.009626	0.294	0.229				<i>GPR150</i>	TSS1500
cg26245697	19	2,282,203	0.024103	0.294	0.245				<i>C19orf35</i>	TSS200
cg15879316	22	46,934,089	0.000388	0.294	0.166	1.94E-14	0.077		<i>CELSR1</i>	TSS1500
cg13338798	6	28,557,846	3.02E-06	0.294	0.283					
cg20467412	19	5,799,340	0.000847	0.294	0.348					
cg20061654	22	45,608,492	9.54E-08	0.294	0.273				<i>C22orf9</i>	Body
cg10208485	3	350,602	0.02091	0.294	0.256				<i>CHL1</i>	5'UTR
cg12642693	X	50,556,917	0.030655	0.294	0.304				<i>SHROOM4</i>	1stExon
cg01246520	17	17,644,344	1.53E-05	0.294	0.278				<i>RAI1</i>	5'UTR
cg00959249	5	95,768,997	0.016457	0.294	0.303				<i>PCSK1</i>	TSS200
cg17063929	11	89,224,799	7.16E-10	0.294	0.265	5.11E-30	0.241		<i>NOX4</i>	5'UTR
cg19507206	10	103,044,008	0.001368	0.294	0.292					
cg24751894	6	29,894,141	4.21E-08	0.294	0.286				<i>HCG4P6</i>	TSS1500
cg00748938	14	94,641,781	0.037635	0.294	0.223				<i>PPP4R4</i>	Body
cg09450367	2	11,294,738	8.1E-05	0.294	0.273				<i>PQLC3</i>	TSS1500
cg00668150	17	2,615,720	2.59E-05	0.294	0.239				<i>KIAA0664</i>	TSS1500
cg23405212	2	208,989,382	0.000204	0.294	0.277				<i>CRYGD</i>	TSS200
cg09912512	22	42,761,285	1.48E-20	0.294	0.281					
cg09980176	19	11,532,175	7.55E-08	0.294	0.293				<i>CCDC151</i>	Body
cg15736165	15	83,951,732	4.81E-11	0.294	0.296	4.1E-21	0.182		<i>BNC1</i>	Body
cg14913216	8	145,033,104	8.61E-16	0.294	0.297				<i>PLEC1</i>	Body

cg22471255	22	42,315,642	0.020703	0.294	0.294					
cg24357619	15	37,389,384	0.000756	0.294	0.333				<i>MEIS2</i>	Body
cg11096993	11	67,417,958	1.3E-11	0.294	0.283	4.56E-24	0.200		<i>ACY3</i>	5'UTR
cg00174851	7	134,142,981	7.27E-30	0.294	0.271				<i>AKR1B1</i>	Body
cg12232388	12	125,027,851	3.15E-07	0.294	0.270					
cg06917763	7	130,033,247	1.64E-22	0.294	0.295					
cg11588197	11	128,391,494	1.19E-05	0.294	0.251				<i>ETS1</i>	Body
cg02161900	10	28,035,631	5.56E-10	0.294	0.306	5.61E-27	0.236		<i>MKX</i>	TSS1500
cg03238359	11	60,623,567	6.67E-17	0.294	0.262				<i>GPR44</i>	TSS200
cg08833675	8	10,586,790	2.3E-09	0.294	0.285				<i>SOX7</i>	Body
cg00829858	2	179,148,245	1.43E-19	0.294	0.284				<i>OSBPL6</i>	5'UTR
cg10286983	6	24,494,717	2.56E-08	0.294	0.199				<i>ALDH5A1</i>	TSS1500
cg00046499	3	154,146,183	0.000294	0.294	0.276				<i>GPR149</i>	Body
cg02104162	6	4,610,716	5.31E-06	0.294	0.240					
cg09258804	17	59,532,564	1.81E-08	0.294	0.258				<i>TBX4</i>	TSS1500
cg08906194	9	34,577,972	0.000909	0.294	0.305				<i>CNTFR</i>	5'UTR
cg13726682	17	29,718,306	0.00037	0.294	0.245				<i>RAB11FIP4</i>	TSS1500
cg03018496	15	96,868,989	1.08E-06	0.294	0.239				<i>NR2F2</i>	TSS200
cg12929027	12	110,150,180	1.79E-13	0.294	0.309					
cg26371320	6	28,778,091	0.004059	0.294	0.131					
cg24940967	3	45,837,197	0.002608	0.294	0.210				<i>SLC6A20</i>	Body
cg00126034	17	44,896,162	1.33E-05	0.294	0.319	2.0478E-05	0.111		<i>WNT3</i>	TSS200
cg07112337	16	57,917,946	0.009113	0.294	0.247				<i>CNGB1</i>	3'UTR
cg20113824	8	70,946,946	0.001182	0.294	0.296					
cg10050661	17	38,821,420	0.002743	0.294	0.266				<i>KRT222</i>	TSS200
cg10856045	10	73,848,463	1.41E-12	0.294	0.236				<i>SPOCK2</i>	5'UTR
cg12145907	5	140,864,834	6.42E-09	0.294	0.280	1.28E-08	0.121		<i>PCDHGA4</i>	Body
cg21374048	17	56,013,560	1.23E-18	0.294	0.289					
cg07974504	2	220,325,375	4.35E-19	0.294	0.289				<i>SPEG</i>	Body
cg05303057	17	54,756,052	0.000799	0.294	0.343					
cg18953104	6	139,613,145	5.54E-10	0.294	0.300				<i>TXLNB</i>	5'UTR
cg05215748	17	6,898,738	7.14E-13	0.294	0.291				<i>ALOX12</i>	TSS1500
cg07026666	1	204,050,380	2.8E-06	0.294	0.315				<i>SOX13</i>	5'UTR
cg10965575	2	182,321,496	1.65E-07	0.294	0.226				<i>ITGA4</i>	TSS200



cg00848728	1	58,716,018	6.13E-07	0.294	0.243	2.52E-32	0.287		<i>DAB1</i>	5'UTR
cg17536166	3	44,626,697	0.000185	0.294	0.238				<i>ZNF660</i>	5'UTR
cg07687119	12	54,423,549	9.03E-07	0.294	0.261				<i>HOXC4</i>	5'UTR
cg24717695	7	156,809,644	2.03E-05	0.294	0.285					
cg21327194	17	72,443,018	1.56E-14	0.294	0.295				<i>GPRC5C</i>	Body
cg10783371	3	181,437,548	9.47E-06	0.294	0.344				<i>SOX20T</i>	Body
cg00199007	20	61,583,910	2.14E-08	0.294	0.293				<i>SLC17A9</i>	TSS200
cg20881942	4	154,710,826	0.004043	0.293	0.374				<i>SFRP2</i>	TSS1500
cg22560083	21	36,038,533	2.16E-21	0.293	0.280					
cg23518541	3	25,472,652	1.56E-11	0.293	0.314				<i>RARB</i>	5'UTR
cg02001390	19	5,338,977	3.94E-06	0.293	0.326				<i>PTPRS</i>	5'UTR
cg01821113	2	218,277,531	1.24E-18	0.293	0.285				<i>DIRC3</i>	Body
cg13306921	1	54,863,529	1.05E-18	0.293	0.270				<i>SSBP3</i>	Body
cg14335894	17	47,075,281	0.000419	0.293	0.277				<i>IGF2BP1</i>	1stExon
cg00687714	16	21,272,887	9.29E-14	0.293	0.308				<i>CRYM</i>	Body
cg14940165	2	177,021,702	6.87E-06	0.293	0.283					
cg18032164	3	129,024,676	9.59E-20	0.293	0.271					
cg14702570	2	74,259,524	3.2E-11	0.293	0.296					
cg06241101	17	77,895,684	9.23E-05	0.293	0.279					
cg16234557	10	119,292,062	0.027478	0.293	0.235				<i>EMX2OS</i>	Body
cg27165884	10	99,473,085	5.46E-07	0.293	0.337				<i>MARVELD1</i>	TSS1500
cg11424376	1	230,220,668	1.47E-20	0.293	0.279				<i>GALNT2</i>	Body
cg26027233	X	75,648,961	0.04418	0.293	0.161				<i>MAGEE1</i>	1stExon
cg02693127	4	148,652,654	0.000379	0.293	0.298				<i>ARHGAP10</i>	TSS1500
cg27543103	4	54,975,677	1.79E-07	0.293	0.340					
cg25580581	10	3,853,668	3.7E-06	0.293	0.335					
cg08574629	1	155,290,542	1.88E-07	0.293	0.238				<i>RUSC1</i>	TSS200
cg01837410	5	101,631,990	0.000422	0.293	0.170				<i>SLCO4C1</i>	1stExon
cg10802379	5	150,400,395	0.003552	0.293	0.117				<i>GPX3</i>	Body
cg04611203	20	2,781,438	9.68E-06	0.293	0.198				<i>CPXM1</i>	TSS200
cg14700679	2	9,898,228	5.82E-10	0.293	0.280					
cg15443822	17	3,867,014	1.51E-05	0.293	0.264	5.15E-27	0.200		<i>ATP2A3</i>	Body
cg21762523	6	108,497,717	7.51E-05	0.293	0.296				<i>NR2E1</i>	Body
cg13414212	2	26,624,823	0.020736	0.293	0.097				<i>C2orf39</i>	5'UTR

cg25191628	1	50,886,949	0.000151	0.293	0.289				<i>DMRTA2</i>	Body
cg17370981	13	114,311,583	0.043113	0.293	0.130			Yes	<i>ATP4B</i>	Body
cg05224741	6	10,422,322	6.69E-05	0.293	0.299					
cg06896987	2	177,003,735	5.11E-07	0.293	0.236					
cg17945789	2	236,444,284	0.002644	0.293	0.248				<i>AGAP1</i>	Body
cg04131799	2	97,193,006	2.99E-11	0.293	0.298					
cg09926486	15	44,486,207	1.25E-06	0.293	0.241				<i>FRMD5</i>	Body
cg07511668	11	68,622,177	1.61E-08	0.293	0.306					
cg13640071	X	102,585,147	6.96E-08	0.293	0.306				<i>TCEAL7</i>	TSS200
cg18193764	5	134,879,961	1.1E-06	0.293	0.307					
cg05491854	6	24,910,562	3.55E-05	0.293	0.299				<i>FAM65B</i>	5'UTR
cg26983835	17	59,481,280	2.53E-10	0.293	0.293				<i>TBX2</i>	Body
cg02639608	1	68,150,326	6.96E-09	0.293	0.237				<i>GADD45A</i>	TSS1500
cg07687548	2	172,965,280	0.001325	0.293	0.389				<i>DLX2</i>	Body
cg11953272	1	53,067,965	1.29E-05	0.293	0.157				<i>GPX7</i>	TSS200
cg24250374	1	184,591,081	7.76E-34	0.293	0.286				<i>C1orf21</i>	3'UTR
cg01471428	12	115,133,663	1.7E-18	0.293	0.303					
cg22376864	19	42,497,705	7.14E-12	0.293	0.261				<i>ATP1A3</i>	Body
cg17276590	10	119,304,487	0.012131	0.293	0.305				<i>EMX2OS</i>	Body
cg01392518	6	166,583,226	3.27E-05	0.293	0.282				<i>T</i>	TSS1500
cg09465142	20	50,109,375	4.6E-17	0.293	0.284				<i>NFATC2</i>	Body
cg18736101	10	126,043,549	0.000465	0.293	0.201					
cg08860070	5	140,892,822	3.13E-09	0.293	0.188					
cg16499656	7	50,344,471	0.018511	0.293	0.301				<i>IKZF1</i>	1stExon
cg14317609	9	36,986,006	0.00985	0.293	0.314				<i>PAX5</i>	Body
cg08815340	6	5,026,435	0.007358	0.293	0.292					
cg16487653	16	73,200,705	2.91E-08	0.293	0.260					
cg08848958	16	1,384,655	1.4E-06	0.293	0.286				<i>BAIAP3</i>	TSS200
cg13558971	1	203,597,085	0.00231	0.293	0.376				<i>ATP2B4</i>	5'UTR
cg15647296	11	77,751,173	0.003972	0.293	0.201					
cg13553997	6	42,161,424	1.99E-07	0.293	0.258				<i>GUCA1B</i>	Body
cg11142826	17	44,896,223	0.014432	0.293	0.417				<i>WNT3</i>	TSS200
cg09726240	11	70,672,878	1.33E-15	0.293	0.273				<i>SHANK2</i>	Body
cg07313504	2	208,995,664	4.29E-17	0.293	0.303				<i>CRYGC</i>	TSS1500

cg00110832	6	32,121,130	3.37E-08	0.293	0.319				<i>PPT2</i>	TSS200
cg03135351	2	29,338,258	0.021235	0.293	0.241				<i>CLIP4</i>	TSS200
cg08154107	3	183,994,073	0.008308	0.293	0.316				<i>ECE2</i>	Body
cg13932029	9	23,824,172	9.36E-13	0.293	0.322				<i>ELAVL2</i>	5'UTR
cg23035602	19	53,935,117	1.1E-05	0.293	0.293				<i>ZNF761</i>	TSS200
cg19725903	12	14,721,020	3.52E-11	0.293	0.282				<i>PLBD1</i>	TSS1500
cg10807894	12	125,169,804	2.76E-08	0.293	0.307					
cg27254482	21	34,398,085	8.21E-06	0.293	0.256				<i>OLIG2</i>	TSS200
cg12828075	11	15,136,150	0.005824	0.293	0.198				<i>INSC</i>	Body
cg27558095	1	66,999,588	0.006837	0.293	0.272				<i>SGIP1</i>	TSS1500
cg24164564	8	76,317,040	4.19E-06	0.293	0.330					
cg18752854	2	218,809,254	3.38E-30	0.293	0.277	5.34E-16	0.168		<i>TNS1</i>	TSS1500
cg19904425	14	94,984,530	4.34E-13	0.293	0.282				<i>SERPINA12</i>	TSS1500
cg01965939	5	148,442,694	3.16E-07	0.293	0.241	7.07E-31	0.236		<i>SH3TC2</i>	1stExon
cg16683160	1	87,617,710	0.000944	0.293	0.327				<i>LOC339524</i>	Body
cg05726239	6	107,816,677	0.02941	0.293	0.180				<i>SOBP</i>	Body
cg18135132	11	10,814,092	0.002919	0.293	0.255					
cg24405999	3	133,393,119	0.000703	0.293	0.363					
cg05966241	16	67,515,938	4.25E-13	0.293	0.292				<i>ATP6V0D1</i>	TSS1500
cg07963705	10	33,212,865	2.01E-11	0.293	0.278				<i>ITGB1</i>	Body
cg08059112	19	2,294,887	7.25E-18	0.293	0.268				<i>LINGO3</i>	5'UTR
cg21815063	5	131,800,430	3.92E-08	0.293	0.221					
cg23245720	X	133,680,549	0.035213	0.293	0.331				<i>MGC16121</i>	Body
cg06371502	1	197,879,766	0.030224	0.293	0.404					
cg21672292	8	145,025,128	1.39E-09	0.293	0.307				<i>PLEC1</i>	Body
cg05667348	10	118,892,581	0.009977	0.293	0.371				<i>VAX1</i>	Body
cg08206665	11	64,479,111	0.004132	0.293	0.358				<i>NRXN2</i>	Body
cg10926487	17	76,917,906	1.38E-17	0.293	0.278				<i>TIMP2</i>	Body
cg14092045	9	116,450,241	0.000123	0.293	0.318					
cg25051341	6	100,061,307	0.000932	0.292	0.270				<i>PRDM13</i>	Body
cg14816482	10	12,390,916	0.01034	0.292	0.137				<i>CAMK1D</i>	TSS1500
cg14391855	11	66,104,174	9.5E-13	0.292	0.326	2.53E-27	0.112		<i>RIN1</i>	TSS200
cg06314333	7	129,425,532	4.27E-07	0.292	0.295					
cg13615338	4	55,094,005	0.020857	0.292	0.361				<i>PDGFRA</i>	TSS1500

cg10693390	11	12,411,772	1.16E-12	0.292	0.297				PARVA	Body
cg25386234	1	119,542,159	0.000228	0.292	0.310					
cg12034345	6	29,975,427	1.58E-14	0.292	0.258				HLA-J	Body
cg08175591	14	101,176,152	0.009659	0.292	0.215					
cg17071446	4	85,402,497	6.41E-06	0.292	0.252					
cg02446647	6	133,562,101	4.12E-08	0.292	0.303				EYA4	TSS1500
cg24660670	1	116,371,083	3.08E-08	0.292	0.247					
cg26751792	19	15,580,383	0.000439	0.292	0.287				PGLYRP2	Body
cg05092308	2	63,285,365	4.84E-05	0.292	0.294					
cg19744211	14	95,079,224	6.8E-14	0.292	0.296				SERPINA3	5'UTR
cg06496344	19	23,253,834	0.000861	0.292	0.341					
cg16297011	4	13,539,023	0.000273	0.292	0.331					
cg06118384	2	149,645,798	5.01E-06	0.292	0.291				KIF5C	Body
cg20560075	5	146,257,484	0.017182	0.292	0.330				PPP2R2B	Body
cg10537807	17	56,415,478	1.4E-07	0.292	0.322					
cg07813249	4	46,392,253	0.001768	0.292	0.275				GABRA2	TSS200
cg04370314	13	100,643,312	0.040964	0.292	0.348					
cg08063911	5	133,451,474	1.35E-14	0.292	0.255				TCF7	5'UTR
cg09434193	16	227,233	0.000432	0.292	0.349				HBA1	Body
cg02577436	4	8,271,369	1.25E-07	0.292	0.233				HTRA3	TSS200
cg09092093	5	58,335,954	1.7E-07	0.292	0.243				PDE4D	Body
cg15128226	4	123,747,672	2.13E-09	0.292	0.268				FGF2	TSS200
cg16686951	20	44,747,351	6.13E-05	0.292	0.363				CD40	Body
cg06659128	X	154,842,535	0.000994	0.292	0.262	2.58E-27	0.242		TMLHE	5'UTR
cg00868131	1	54,952,901	0.000923	0.292	0.214					
cg05389236	6	36,635,087	1.21E-12	0.292	0.314					
cg16485975	20	25,065,418	0.038852	0.292	0.198					
cg03654299	12	54,389,264	0.031701	0.292	0.184					
cg04077363	X	102,531,881	0.00022	0.292	0.243				TCEAL5	TSS200
cg27531366	1	27,627,058	5.27E-18	0.292	0.279				WDTC1	Body
cg17589633	1	203,595,283	3.19E-07	0.292	0.226				ATP2B4	TSS1500
cg06905130	2	287,148	3.23E-07	0.292	0.274				FAM150B	Body
cg11199046	12	115,136,308	1.96E-24	0.292	0.281					
cg08142344	1	110,210,699	1.46E-06	0.292	0.252				GSTM2	5'UTR

cg05617413	12	133,065,912	0.029164	0.292	0.282				<i>FBRSL1</i>	TSS1500
cg07494518	21	44,847,608	1.07E-05	0.292	0.235	2.5E-21	0.186		<i>SIK1</i>	TSS1500
cg18731398	3	123,414,733	2.7E-15	0.292	0.293				<i>MYLK</i>	Body
cg06893296	6	30,095,136	9.05E-19	0.292	0.285					
cg22388634	20	25,058,429	0.023417	0.292	0.352				<i>VSX1</i>	Body
cg06356912	3	38,035,642	0.02258	0.292	0.113				<i>VILL</i>	Body
cg02998240	1	16,508,668	1.88E-21	0.292	0.273					
cg23986590	2	109,934,728	6.61E-18	0.292	0.283				<i>SH3RF3</i>	Body
cg24287239	13	43,148,278	5.42E-06	0.292	0.297				<i>TNFSF11</i>	TSS200
cg09422450	16	79,623,618	7.58E-14	0.292	0.256					
cg23217153	2	242,808,611	7.85E-07	0.292	0.292					
cg05614013	19	11,253,754	0.003414	0.292	0.182					
cg11550865	15	59,501,408	5.92E-15	0.292	0.276				<i>MYO1E</i>	Body
cg21158411	9	130,689,627	0.003254	0.292	0.244				<i>PIP5KL1</i>	Body
cg03610280	10	97,592,418	5.2E-06	0.292	0.240				<i>ENTPD1</i>	Body
cg06161600	16	1,393,797	0.001564	0.292	0.205				<i>BAIAP3</i>	Body
cg10773698	1	61,519,473	7.41E-06	0.292	0.269					
cg10551329	6	32,120,933	0.001305	0.292	0.320				<i>PPT2</i>	TSS1500
cg20025238	7	128,829,789	2.16E-14	0.292	0.253				<i>SMO</i>	Body
cg22339338	1	159,891,638	3.64E-27	0.292	0.286				<i>TAGLN2</i>	5'UTR
cg06426114	17	6,355,097	1.69E-09	0.292	0.286				<i>PITPNM3</i>	3'UTR
cg01056004	10	98,948,259	5.57E-13	0.292	0.286					
cg15428435	14	102,247,681	0.000162	0.292	0.190				<i>PPP2R5C</i>	Body
cg19290504	17	3,867,060	2.32E-05	0.292	0.262				<i>ATP2A3</i>	Body
cg09396895	7	25,021,067	0.001355	0.292	0.175				<i>OSBPL3</i>	TSS1500
cg11682083	5	172,782,844	1.06E-10	0.292	0.320					
cg20592766	2	109,934,860	1.67E-16	0.292	0.277				<i>SH3RF3</i>	Body
cg25547580	18	55,103,734	0.003682	0.292	0.323				<i>ONECUT2</i>	1stExon
cg11896151	7	223,592	3.13E-17	0.292	0.290				<i>FAM20C</i>	Body
cg23064609	2	175,208,594	0.02645	0.292	0.331					
cg06776173	1	46,932,780	8.56E-06	0.292	0.281					
cg13545297	12	54,404,315	5.98E-11	0.292	0.256				<i>HOXC8</i>	Body
cg03718183	1	26,231,082	1.14E-18	0.292	0.260				<i>STMN1</i>	Body
cg02489958	4	85,417,416	0.000539	0.292	0.308				<i>NKX6-1</i>	Body

cg07406897	17	27,347,178	0.014305	0.292	0.094					
cg14343652	7	130,789,013	8.83E-11	0.292	0.353				<i>FLI43663</i>	Body
cg17164954	6	157,345,266	4.35E-19	0.292	0.300				<i>ARID1B</i>	Body
cg26929700	16	49,732,567	2.57E-11	0.292	0.278				<i>ZNF423</i>	Body
cg05386570	7	99,177,695	1.02E-17	0.292	0.255					
cg19630629	7	136,556,193	6.99E-05	0.292	0.212				<i>CHRM2</i>	5'UTR
cg11481582	10	74,080,805	1.42E-12	0.292	0.278					
cg16657340	7	131,242,787	0.003448	0.292	0.195				<i>PODXL</i>	TSS1500
cg13385210	17	38,599,271	3.81E-11	0.292	0.263				<i>IGFBP4</i>	TSS1500
cg06261066	20	2,360,396	2.86E-06	0.292	0.247				<i>TGM6</i>	TSS1500
cg04849985	1	68,215,783	2.22E-05	0.291	0.276				<i>GNG12</i>	5'UTR
cg07629454	3	121,903,520	0.000286	0.291	0.275				<i>CASR</i>	5'UTR
cg19925204	10	119,307,692	0.00845	0.291	0.255				<i>EMX2</i>	3'UTR
cg21117965	2	220,325,369	2.48E-15	0.291	0.282				<i>SPEG</i>	Body
cg19080053	6	5,132,887	8.78E-10	0.291	0.280				<i>LYRM4</i>	3'UTR
cg15920654	4	4,869,091	0.012016	0.291	0.346					
cg09234567	15	72,489,828	0.048876	0.291	0.162				<i>GRAMD2</i>	Body
cg22996170	19	12,895,529	6.91E-20	0.291	0.287					
cg00979803	17	38,646,740	4.19E-15	0.291	0.279			Yes	<i>TNS4</i>	Body
cg02181624	6	168,716,070	2.66E-13	0.291	0.282				<i>DACT2</i>	Body
cg06611426	12	52,404,161	9.51E-06	0.291	0.267				<i>GRASP</i>	Body
cg00935993	2	21,022,933	0.000484	0.291	0.252				<i>C2orf43</i>	TSS200
cg26132320	20	44,640,353	0.000928	0.291	0.400				<i>MMP9</i>	Body
cg02595219	11	74,178,761	2.72E-08	0.291	0.255	6.29E-18	0.221		<i>KCNE3</i>	TSS200
cg16783744	8	105,478,855	3.51E-07	0.291	0.280				<i>DPYS</i>	Body
cg02387326	12	54,345,679	3E-05	0.291	0.276					
cg09170903	15	62,457,209	0.00599	0.291	0.348				<i>C2CD4B</i>	5'UTR
cg20844851	6	117,591,827	0.04171	0.291	0.122				<i>VGLL2</i>	Body
cg20427865	16	57,406,353	3.19E-12	0.291	0.298	1.83E-21	0.231		<i>CX3CL1</i>	TSS200
cg04010446	6	162,311,879	0.000139	0.291	0.244				<i>PARK2</i>	Body
cg14185547	8	145,497,339	7.31E-14	0.291	0.313				<i>BOP1</i>	Body
cg24804060	17	48,425,014	4.16E-18	0.291	0.295				<i>XYLT2</i>	Body
cg26987928	15	62,767,926	3.71E-14	0.291	0.292					
cg10556384	10	94,828,103	0.000438	0.291	0.168				<i>CYP26C1</i>	Body

cg10201685	7	44,315,903	2.64E-12	0.291	0.276				<i>CAMK2B</i>	Body
cg11332928	1	45,273,680	0.010515	0.291	0.242				<i>BTBD19</i>	TSS1500
cg20615879	10	102,892,391	0.00697	0.291	0.291				<i>TLX1NB</i>	TSS1500
cg24738346	1	27,479,312	1.04E-07	0.291	0.276				<i>SLC9A1</i>	Body
cg21601919	5	170,877,932	2.62E-06	0.291	0.260				<i>FGF18</i>	Body
cg02285791	6	27,550,747	0.000771	0.291	0.342					
cg03650550	4	83,675,797	2.6E-14	0.291	0.280				<i>MIR575</i>	TSS1500
cg11038340	14	103,389,966	4.53E-05	0.291	0.309				<i>AMN</i>	Body
cg26186239	20	62,119,492	1.67E-09	0.291	0.239				<i>EEF1A2</i>	3'UTR
cg10655236	17	753,974	2.15E-10	0.291	0.287				<i>NXN</i>	Body
cg04258335	6	123,121,585	3.81E-10	0.291	0.271				<i>SMPDL3A</i>	Body
cg11294513	19	58,220,295	4.47E-06	0.291	0.234				<i>ZNF154</i>	Body
cg11841649	5	131,989,505	1.22E-08	0.291	0.311					
cg13051071	1	145,473,392	0.032709	0.291	0.173				<i>ANKRD34A</i>	Body
cg13803976	2	87,016,129	1.92E-06	0.291	0.296				<i>CD8A</i>	Body
cg09236434	2	99,553,642	8.49E-07	0.291	0.285				<i>C2orf55</i>	TSS1500
cg02984614	17	31,618,409	0.027926	0.291	0.283				<i>ACCN1</i>	Body
cg01264639	5	73,839,484	6.41E-10	0.291	0.251					
cg03951603	15	89,903,565	0.003722	0.291	0.289					
cg16529599	20	42,137,055	2.4E-06	0.291	0.293					
cg04800503	17	46,648,533	4.94E-12	0.291	0.244				<i>HOXB3</i>	5'UTR
cg01762827	16	69,141,442	0.03634	0.291	0.294				<i>HAS3</i>	5'UTR
cg15536490	20	55,203,849	0.002128	0.291	0.219	0.00462803	0.069		<i>TFAP2C</i>	TSS1500
cg19320476	11	82,443,592	3.81E-07	0.291	0.281				<i>FAM181B</i>	1stExon
cg10896862	1	161,275,561	0.002339	0.291	0.326				<i>MPZ</i>	3'UTR
cg18608369	17	33,700,759	0.010716	0.291	0.337				<i>SLFN11</i>	TSS200
cg08134504	2	16,245,936	1.36E-14	0.291	0.253					
cg17947992	6	2,510,180	2.43E-13	0.291	0.270					
cg04858553	17	80,549,621	1.55E-14	0.291	0.300				<i>FOXK2</i>	Body
cg19519964	2	223,290,012	8.71E-14	0.291	0.235				<i>SGPP2</i>	Body
cg18912484	14	97,058,964	0.002264	0.291	0.266					
cg01765111	1	37,784,244	0.03852	0.291	0.293					
cg06097580	16	56,456,934	2.97E-32	0.291	0.275				<i>AMFR</i>	Body
cg18566515	10	123,356,236	2.2E-07	0.291	0.280				<i>FGFR2</i>	5'UTR

cg14345131	2	233,741,790	3.5E-17	0.291	0.241					
cg09990446	6	29,716,108	1.63E-07	0.291	0.237				<i>LOC285830</i>	Body
cg07915921	12	54,321,502	0.027807	0.291	0.275					
cg22245096	2	238,681,052	2.36E-08	0.291	0.295				<i>LRRFIP1</i>	Body
cg15258447	10	99,798,430	1.13E-06	0.291	0.283					
cg04656070	8	116,661,063	4.68E-22	0.291	0.301				<i>TRPS1</i>	5'UTR
cg20326704	10	70,321,770	1.72E-06	0.291	0.275				<i>TET1</i>	5'UTR
cg02050376	13	109,984,684	1.65E-07	0.291	0.211					
cg06159340	16	30,907,560	4.82E-06	0.291	0.277				<i>CTF1</i>	TSS1500
cg01258949	11	47,092,992	5.06E-15	0.291	0.286				<i>C11orf49</i>	Body
cg14100184	16	851,298	2.64E-08	0.291	0.298	7.9E-16	0.157		<i>GNG13</i>	TSS1500
cg08593157	17	17,684,240	1.13E-16	0.291	0.286				<i>SMCR5</i>	TSS1500
cg00618626	17	39,807,901	3.85E-13	0.291	0.277					
cg17207552	X	39,767,775	3.4E-23	0.291	0.267					
cg18438793	1	40,149,837	0.018679	0.291	0.337				<i>HPCAL4</i>	Body
cg00862116	7	87,230,344	0.001194	0.291	0.265				<i>ABCB1</i>	5'UTR
cg17214381	4	188,916,668	0.015322	0.291	0.290				<i>ZFP42</i>	TSS1500
cg06452354	17	43,449,123	0.005506	0.291	0.278					
cg17768491	19	41,018,876	0.032898	0.291	0.289				<i>SPTBN4</i>	Body
cg01530482	11	1,976,432	1.43E-19	0.291	0.299				<i>MRPL23</i>	Body
cg09155362	15	33,487,289	1.85E-05	0.291	0.291					
cg25577023	14	103,394,899	0.042886	0.291	0.388				<i>AMN</i>	Body
cg12946808	11	115,493,909	3.24E-07	0.291	0.270					
cg18140268	1	147,781,827	1.75E-08	0.291	0.285					
cg13646785	9	135,461,935	0.000937	0.291	0.293				<i>BARHL1</i>	Body
cg14604470	9	130,713,376	2.02E-17	0.291	0.301				<i>FAM102A</i>	TSS1500
cg04089901	7	7,557,590	7.64E-11	0.291	0.272				<i>COL28A1</i>	Body
cg14498745	7	142,638,303	6.3E-10	0.291	0.298				<i>KEL</i>	3'UTR
cg20389472	2	171,568,526	0.028071	0.291	0.198					
cg03143486	7	811,491	2.75E-10	0.291	0.300				<i>HEATR2</i>	Body
cg14836602	5	3,592,718	0.000426	0.291	0.390					
cg12573871	18	72,509,555	1.25E-06	0.291	0.249				<i>ZNF407</i>	Body
cg08019736	11	115,529,822	8.71E-09	0.291	0.305					
cg11059357	8	41,649,676	3.3E-07	0.291	0.269				<i>ANK1</i>	Body



cg03673965	6	108,497,734	3.43E-05	0.290	0.303				<i>NR2E1</i>	Body
cg20645966	12	117,131,719	1.28E-07	0.290	0.211					
cg25596297	2	223,162,875	0.00056	0.290	0.278				<i>PAX3</i>	Body
cg26983177	19	35,395,973	0.00056	0.290	0.257					
cg06536868	2	27,530,884	2.86E-07	0.290	0.259				<i>UCN</i>	5'UTR
cg18254850	6	116,691,851	0.027265	0.290	0.188				<i>DSE</i>	TSS1500
cg26249873	10	25,465,430	1.35E-08	0.290	0.335				<i>LOC100128811</i>	TSS1500
cg07402669	20	57,090,015	0.000204	0.290	0.295				<i>APCDD1L</i>	TSS200
cg12563839	14	91,580,507	0.019067	0.290	0.123				<i>C14orf159</i>	1stExon
cg00568550	1	61,784,017	0.002285	0.290	0.256			Yes	<i>NFIA</i>	Body
cg21852513	1	116,371,475	0.000153	0.290	0.255					
cg26311932	6	31,549,563	2.69E-18	0.290	0.279				<i>LTB</i>	Body
cg08849150	6	117,087,010	4.12E-07	0.290	0.215				<i>FAM162B</i>	TSS200
cg22488750	1	22,678,029	2.54E-05	0.290	0.264					
cg21051972	11	18,067,927	0.003832	0.290	0.263					
cg22134162	3	63,841,271	6.72E-17	0.290	0.276				<i>THOC7</i>	Body
cg22991148	21	46,131,099	0.00704	0.290	0.254	7.47E-21	0.223		<i>C21orf29</i>	Body
cg09032314	8	69,426,081	8.28E-11	0.290	0.295				<i>C8orf34</i>	Body
cg14796305	1	46,632,581	1.45E-06	0.290	0.320					
cg18451814	14	57,278,188	1.1E-13	0.290	0.321				<i>OTX2</i>	TSS1500
cg16324314	14	77,480,847	2.4E-06	0.290	0.236					
cg15959252	12	48,578,724	2.8E-10	0.290	0.311				<i>C12orf68</i>	3'UTR
cg18495563	11	33,061,907	0.000673	0.290	0.271	9.89E-20	0.167		<i>TCP11L1</i>	5'UTR
cg25096264	1	112,860,317	2.38E-12	0.290	0.288					
cg01856529	12	54,653,091	3.91E-17	0.290	0.292				<i>CBX5</i>	1stExon
cg14575356	6	130,013,903	3.59E-08	0.290	0.296				<i>ARHGAP18</i>	Body
cg16714091	9	18,473,902	7.69E-07	0.290	0.223	3.67E-14	0.170		<i>ADAMTSL1</i>	TSS1500
cg10580293	7	29,605,897	1.16E-10	0.290	0.287				<i>PRR15</i>	5'UTR
cg14604777	12	101,988,756	1.9E-06	0.290	0.223				<i>MYBPC1</i>	5'UTR
cg21148362	3	62,353,708	0.003526	0.290	0.270					
cg26515460	20	983,354	0.012437	0.290	0.316				<i>RSPO4</i>	TSS1500
cg14189141	9	1,042,605	0.001285	0.290	0.277					
cg07516252	14	24,641,201	4.78E-11	0.290	0.288				<i>REC8</i>	TSS200
cg18168101	8	104,153,627	7.27E-09	0.290	0.294				<i>C8orf56</i>	TSS200

cg10746936	14	95,240,143	0.003698	0.290	0.306					
cg08334034	15	93,615,039	5.76E-15	0.290	0.271				<i>RGMA</i>	Body
cg05210480	7	24,539,647	4.69E-26	0.290	0.288					
cg26433955	12	96,558,950	1.64E-10	0.290	0.302					
cg07756483	19	44,281,665	0.000119	0.290	0.207				<i>KCNN4</i>	Body
cg12537329	13	113,677,777	4.95E-19	0.290	0.287				<i>MCF2L</i>	Body
cg20485758	6	26,088,446	1.09E-05	0.290	0.279				<i>HFE</i>	Body
cg05627522	15	75,251,581	2.46E-09	0.290	0.241					
cg17128417	2	20,865,088	9.9E-06	0.290	0.266			Yes	<i>GDF7</i>	TSS1500
cg24376776	10	101,297,245	9.9E-05	0.290	0.264					
cg14464718	X	100,334,126	0.003874	0.290	0.314				<i>TMEM35</i>	Body
cg22698489	1	159,893,696	0.007443	0.290	0.283				<i>TAGLN2</i>	5'UTR
cg01417625	1	183,187,433	0.000493	0.290	0.262				<i>LAMC2</i>	Body
cg02490736	6	1,391,758	9.24E-06	0.290	0.253				<i>FOXF2</i>	Body
cg13721404	18	31,739,202	0.016779	0.290	0.311				<i>NOL4</i>	Body
cg22544863	19	15,580,400	3.38E-09	0.290	0.286				<i>PGLYRP2</i>	Body
cg22673999	6	37,752,301	0.000112	0.290	0.214					
cg17356056	5	139,526,226	2.46E-16	0.290	0.269					
cg13784235	6	108,495,865	9.31E-07	0.290	0.271				<i>NR2E1</i>	Body
cg26451547	11	36,397,596	6.12E-08	0.290	0.234				<i>PRR5L</i>	5'UTR
cg04615460	12	115,125,098	4.5E-13	0.290	0.271					
cg05589784	5	2,915,123	1.93E-07	0.290	0.309					
cg09632907	4	54,969,963	2.91E-05	0.290	0.296					
cg24035245	1	119,535,928	7.35E-10	0.290	0.247					
cg08058191	17	39,781,130	2.36E-07	0.290	0.284				<i>KRT17</i>	TSS1500
cg00582971	5	178,422,128	0.018721	0.290	0.369				<i>GRM6</i>	TSS200
cg13661109	9	129,433,708	2.35E-11	0.290	0.304				<i>LMX1B</i>	Body
cg14132388	12	120,242,490	3.7E-06	0.290	0.277				<i>CIT</i>	Body
cg00020474	1	8,214,963	0.000213	0.290	0.139					
cg24153044	1	6,485,201	0.004408	0.290	0.325				<i>ESPN</i>	1stExon
cg15639684	1	85,464,110	6.11E-15	0.290	0.265				<i>MCOLN2</i>	TSS1500
cg10670396	X	101,906,537	0.026956	0.290	0.319				<i>GPRASP1</i>	5'UTR
cg01629716	15	45,996,671	3.12E-05	0.290	0.289					
cg27090216	8	22,960,461	0.003201	0.290	0.209	5.92E-14	0.225		<i>TNFRSF10C</i>	5'UTR

cg15829642	5	140,744,983	0.004652	0.290	0.341				<i>PCDHGA4</i>	Body
cg23546512	12	125,160,999	4.31E-15	0.290	0.280					
cg25678088	7	96,632,460	1.58E-10	0.290	0.247				<i>DLX6AS</i>	Body
cg25061914	22	37,447,468	0.004527	0.289	0.160			Yes	<i>KCTD17</i>	TSS1500
cg01014615	2	177,027,621	4.45E-05	0.289	0.310				<i>HOXD3</i>	TSS1500
cg24306340	1	64,937,451	6.06E-06	0.289	0.270				<i>CACHD1</i>	Body
cg11437784	13	112,710,823	0.015958	0.289	0.273					
cg06973595	4	55,093,096	0.00042	0.289	0.316					
cg18265608	11	44,087,367	1.04E-09	0.289	0.255				<i>ACCS</i>	TSS1500
cg25280433	6	105,584,216	0.004119	0.289	0.178				<i>BVES</i>	5'UTR
cg12781915	3	185,544,099	5.38E-06	0.289	0.283				<i>IGF2BP2</i>	TSS1500
cg15616496	17	73,860,607	3.25E-07	0.289	0.284					
cg02764093	12	120,241,760	1.44E-18	0.289	0.278				<i>CIT</i>	Body
cg09963123	4	38,664,654	4.27E-05	0.289	0.216	5.17E-08	0.109		<i>FLJ13197</i>	Body
cg05750047	1	149,908,085	3.24E-23	0.289	0.286				<i>MTMR11</i>	Body
cg08764465	8	15,308,417	8.6E-15	0.289	0.294					
cg12920180	14	31,344,444	1.85E-05	0.289	0.305				<i>COCH</i>	Body
cg07631309	10	106,020,930	1.28E-08	0.289	0.274				<i>GSTO1</i>	Body
cg13782866	1	231,761,845	1.13E-08	0.289	0.260				<i>TSNAX-DISC1</i>	Body
cg15204861	11	111,783,352	1.9E-05	0.289	0.325				<i>CRYAB</i>	TSS1500
cg14470978	9	132,427,640	0.017625	0.289	0.268				<i>PRRX2</i>	TSS1500
cg03430633	11	119,580,588	1.76E-07	0.289	0.312				<i>PVRL1</i>	Body
cg12477452	3	11,237,939	0.000138	0.289	0.315				<i>HRH1</i>	5'UTR
cg07019438	14	34,419,546	0.007157	0.289	0.321				<i>EGLN3</i>	Body
cg20680163	8	145,033,743	8.45E-09	0.289	0.259				<i>PLEC1</i>	Body
cg08545463	11	108,459,708	3.07E-08	0.289	0.288				<i>EXPH5</i>	Body
cg05599160	5	124,536,183	3.26E-07	0.289	0.290					
cg15681358	10	99,474,521	0.000209	0.289	0.143				<i>MARVELD1</i>	Body
cg20567847	7	155,167,038	0.022799	0.289	0.289					
cg24770158	17	8,241,765	3.03E-07	0.289	0.284				<i>ODF4</i>	TSS1500
cg25001190	1	61,668,835	5.26E-13	0.289	0.269				<i>NFIA</i>	Body
cg09799983	2	38,301,756	0.021467	0.289	0.340				<i>CYP1B1</i>	Body
cg06427779	5	54,180,079	2.54E-08	0.289	0.335					
cg16400350	21	46,414,569	2.65E-28	0.289	0.267					

cg18843682	12	54,425,156	7.48E-10	0.289	0.231				<i>HOXC4</i>	5'UTR
cg18972013	17	78,078,605	2.86E-12	0.289	0.287				<i>GAA</i>	Body
cg16755924	X	25,041,099	0.009936	0.289	0.265					
cg05159804	17	44,343,776	8.09E-08	0.289	0.199					
cg04857033	1	120,258,412	3.15E-12	0.289	0.257				<i>PHGDH</i>	Body
cg13529335	9	2,157,942	0.014812	0.289	0.263				<i>SMARCA2</i>	Body
cg17715896	7	33,943,437	4.49E-10	0.289	0.270					
cg08441170	10	26,223,100	0.031579	0.289	0.346				<i>MYO3A</i>	1stExon
cg06975048	17	7,826,155	0.000221	0.289	0.260				<i>KCNAB3</i>	3'UTR
cg17616646	11	67,271,660	0.001274	0.289	0.083				<i>PITPNM1</i>	5'UTR
cg19678392	7	94,953,810	7.97E-13	0.289	0.258				<i>PON1</i>	1stExon
cg01589998	12	109,729,478	0.004265	0.289	0.195				<i>FOXN4</i>	Body
cg14150907	8	142,275,722	0.00507	0.289	0.265					
cg04748497	X	101,906,989	0.000342	0.289	0.268				<i>GPRASP1</i>	5'UTR
cg03609666	19	49,250,439	1.61E-06	0.289	0.283				<i>IZUMO1</i>	TSS1500
cg14448830	9	79,627,216	0.015069	0.289	0.308					
cg12361088	11	19,695,688	2.31E-06	0.289	0.220				<i>NAV2</i>	Body
cg07121182	7	99,156,011	0.001995	0.289	0.261				<i>ZNF655</i>	TSS200
cg07870074	10	706,006	3.02E-08	0.289	0.294				<i>DIP2C</i>	Body
cg22475071	3	64,338,594	2.74E-10	0.289	0.289					
cg09642925	2	114,261,793	0.00293	0.289	0.182					
cg25090510	5	156,886,990	0.00094	0.289	0.203				<i>NIPAL4</i>	TSS200
cg05262436	6	137,815,569	0.006543	0.289	0.358				<i>OLIG3</i>	TSS200
cg22088219	7	74,064,567	0.001165	0.289	0.352					
cg16673477	19	18,812,017	0.003457	0.289	0.191				<i>CRTC1</i>	Body
cg25572367	12	25,538,380	0.01536	0.289	0.162					
cg01519225	6	29,895,005	0.000443	0.289	0.371					
cg03890691	16	30,023,615	8.98E-12	0.289	0.296				<i>DOC2A</i>	TSS1500
cg16082058	9	100,265,072	6.73E-18	0.289	0.277				<i>TMOD1</i>	5'UTR
cg15046818	12	96,587,840	0.012997	0.289	0.237				<i>ELK3</i>	TSS1500
cg01377268	2	239,925,497	1.47E-08	0.289	0.253					
cg07018404	5	126,193,470	1.16E-13	0.289	0.291					
cg01874867	7	94,954,059	8.42E-09	0.289	0.254				<i>PON1</i>	TSS200
cg04120686	3	169,384,410	2.3E-08	0.289	0.288					

cg22771759	13	24,902,376	0.030805	0.289	0.322					
cg24274579	17	59,534,637	2.75E-08	0.289	0.261				<i>TBX4</i>	Body
cg06924459	6	17,102,643	0.000436	0.289	0.148					
cg08049853	4	41,875,784	0.00028	0.289	0.293					
cg08941457	20	25,129,562	8.23E-09	0.289	0.285				<i>LOC284798</i>	TSS1500
cg17001627	11	47,599,391	4.95E-21	0.289	0.255				<i>KBTD4</i>	Body
cg20532370	3	139,258,730	0.012272	0.289	0.124				<i>RBP1</i>	TSS200
cg19592439	3	138,665,957	0.006767	0.289	0.218				<i>FOXL2</i>	1stExon
cg24304093	11	14,926,738	0.001884	0.289	0.289					
cg00697992	2	139,537,131	0.009745	0.289	0.295				<i>NXPH2</i>	Body
cg13462843	9	37,025,769	0.003939	0.289	0.382				<i>PAX5</i>	Body
cg08691567	12	53,183,930	8.46E-07	0.289	0.318				<i>KRT3</i>	Body
cg26296488	4	9,783,192	0.014355	0.289	0.388				<i>DRD5</i>	TSS200
cg13738299	13	46,189,906	0.002499	0.289	0.330				<i>FAM194B</i>	TSS200
cg08278357	19	59,050,122	0.003304	0.289	0.273					
cg00788521	12	2,229,269	9.72E-12	0.289	0.303				<i>CACNA1C</i>	Body
cg02457623	1	203,599,089	3.87E-05	0.289	0.248				<i>ATP2B4</i>	5'UTR
cg00737978	18	13,611,807	1.24E-07	0.289	0.248				<i>C18orf1</i>	5'UTR
cg18864674	1	21,058,007	9.12E-09	0.289	0.285				<i>SH2D5</i>	5'UTR
cg07811110	12	85,307,131	0.025973	0.289	0.284				<i>SLC6A15</i>	TSS1500
cg16354201	1	33,938,307	0.01921	0.289	0.226				<i>ZSCAN20</i>	5'UTR
cg13063274	3	112,870,238	6.58E-19	0.289	0.295					
cg14665901	11	12,885,131	6.76E-09	0.289	0.262				<i>TEAD1</i>	Body
cg25874119	1	228,633,904	0.000373	0.289	0.357					
cg25913520	4	13,524,041	0.005336	0.289	0.314					
cg05287372	3	69,058,876	6.39E-20	0.289	0.293				<i>C3orf64</i>	Body
cg00641409	6	21,666,778	0.018469	0.288	0.327				<i>FLJ22536</i>	Body
cg02866639	17	1,808,743	5.15E-12	0.288	0.223					
cg16355945	12	132,654,742	0.006798	0.288	0.261					
cg05345286	6	41,606,641	0.000303	0.288	0.198	3E-09	0.158		<i>MDF1</i>	Body
cg23949389	5	122,621,186	4.96E-06	0.288	0.283					
cg24444188	1	200,992,385	0.023746	0.288	0.168				<i>KIF21B</i>	Body
cg12549600	1	113,287,034	1.64E-05	0.288	0.244					
cg03188000	12	68,634,913	3.15E-08	0.288	0.237					

cg07314829	1	112,058,397	6.32E-11	0.288	0.291				<i>ADORA3</i>	Body
cg16672562	19	46,801,672	1.64E-12	0.288	0.293				<i>HIF3A</i>	5'UTR
cg05510665	6	137,834,607	1.1E-05	0.288	0.288					
cg07179669	1	221,054,707	2.05E-07	0.288	0.268				<i>HLX</i>	Body
cg15035437	X	63,005,077	0.027054	0.288	0.344					
cg04518342	5	131,593,106	0.003519	0.288	0.196				<i>PDLIM4</i>	TSS1500
cg06430509	21	44,853,470	2.91E-22	0.288	0.276					
cg00656735	6	41,470,922	5.96E-15	0.288	0.287					
cg01813139	9	139,580,970	9.48E-05	0.288	0.217				<i>AGPAT2</i>	Body
cg02016195	9	132,198,822	3.02E-14	0.288	0.283					
cg02399524	11	63,258,509	1.8E-05	0.288	0.282				<i>HRASLS5</i>	1stExon
cg10017626	2	65,085,243	2.05E-11	0.288	0.254					
cg12182937	6	33,215,649	4.03E-17	0.288	0.281					
cg24856140	1	146,556,382	0.000794	0.288	0.280					
cg23273897	3	154,796,861	0.000972	0.288	0.161	9.66E-24	0.162		<i>MME</i>	TSS1500
cg11482422	10	11,206,813	0.002118	0.288	0.184				<i>CUGBP2</i>	TSS200
cg17928286	1	205,414,220	2.04E-12	0.288	0.280					
cg23754918	7	2,653,733	3.54E-20	0.288	0.267				<i>IQCE</i>	3'UTR
cg21938261	5	146,257,862	0.026004	0.288	0.309				<i>PPP2R2B</i>	5'UTR
cg01010188	5	172,753,741	0.001478	0.288	0.237				<i>STC2</i>	Body
cg18735810	5	50,260,204	1.63E-05	0.288	0.222					
cg25178683	17	76,976,267	1.21E-06	0.288	0.240				<i>LGALS3BP</i>	TSS1500
cg02120582	11	104,034,754	0.043405	0.288	0.320				<i>PDGFD</i>	5'UTR
cg00957641	12	103,406,953	0.00117	0.288	0.190					
cg11852579	4	3,657,880	0.002204	0.288	0.278					
cg14876117	14	51,428,973	7.01E-14	0.288	0.290					
cg03620376	19	54,984,272	1.45E-05	0.288	0.289	2.6E-09	0.130		<i>CDC42EP5</i>	5'UTR
cg11721100	X	20,134,346	5.58E-05	0.288	0.297				<i>MAP7D2</i>	Body
cg17881208	12	55,378,912	5.69E-08	0.288	0.267				<i>KIAA0748</i>	TSS1500
cg21951301	12	5,542,527	0.001682	0.288	0.246				<i>NTF3</i>	Body
cg24430419	1	61,519,532	1.03E-05	0.288	0.260					
cg26123256	2	27,530,670	8.1E-10	0.288	0.259				<i>UCN</i>	Body
cg04937080	1	58,715,532	0.002136	0.288	0.252				<i>DAB1</i>	5'UTR
cg18607411	13	80,911,808	3.71E-06	0.288	0.282				<i>SPRY2</i>	Body

cg23108728	2	220,117,875	0.003386	0.288	0.364				<i>TUBA4B</i>	TSS200
cg02580986	X	105,421,602	0.000359	0.288	0.206				<i>MUM1L1</i>	5'UTR
cg24667115	6	91,004,482	4.58E-07	0.288	0.235				<i>BACH2</i>	5'UTR
cg27262054	16	73,067,525	1.41E-08	0.288	0.270				<i>ZFX3</i>	5'UTR
cg03177042	6	166,422,671	4.15E-06	0.288	0.325					
cg19463256	19	46,915,351	5.84E-10	0.288	0.257				<i>CCDC8</i>	1stExon
cg14071612	9	112,081,275	0.012353	0.288	0.069				<i>EPB41L4B</i>	Body
cg12251779	22	45,608,440	1.8E-05	0.288	0.254				<i>C22orf9</i>	Body
cg17302155	6	100,061,111	0.003007	0.288	0.364				<i>PRDM13</i>	Body
cg26809043	11	34,285,529	1.34E-22	0.288	0.280				<i>ABTB2</i>	Body
cg13855924	6	39,281,183	3.41E-08	0.288	0.263				<i>KCNK17</i>	Body
cg26795540	10	35,082,070	2.05E-19	0.288	0.270				<i>PAR3</i>	Body
cg06390079	17	19,648,855	0.000891	0.288	0.281				<i>ALDH3A1</i>	1stExon
cg19964273	6	168,745,827	1.44E-20	0.288	0.259					
cg09417209	16	11,715,746	2.77E-06	0.288	0.269					
cg12449685	11	124,768,950	8.66E-05	0.288	0.283				<i>ROBO4</i>	TSS1500
cg02251349	8	74,004,752	5.25E-08	0.288	0.245				<i>C8orf84</i>	Body
cg05436064	16	67,197,180	0.000739	0.288	0.346				<i>HSF4</i>	TSS200
cg25601949	X	3,630,407	0.003132	0.288	0.285				<i>PRKX</i>	Body
cg22129364	1	53,067,894	2.55E-06	0.288	0.235				<i>GPX7</i>	TSS200
cg22891070	19	46,801,642	8.47E-10	0.288	0.288				<i>HIF3A</i>	Body
cg00155063	1	12,227,825	1.33E-15	0.288	0.273				<i>TNFRSF1B</i>	Body
cg12193731	12	52,300,911	0.000351	0.288	0.267				<i>ACVRL1</i>	TSS1500
cg25300386	7	94,023,988	4.52E-05	0.288	0.261	6.67E-09	0.152		<i>COL1A2</i>	1stExon
cg24437737	1	149,400,352	1.11E-19	0.288	0.266				<i>HIST2H2BF</i>	TSS1500
cg11433866	12	115,126,908	6.81E-17	0.288	0.258					
cg16626067	16	66,613,266	1.85E-06	0.288	0.250				<i>CMTM2</i>	TSS200
cg00353923	7	127,671,044	0.002661	0.288	0.195				<i>LRRC4</i>	TSS200
cg05052324	1	18,957,020	0.00797	0.288	0.320				<i>PAX7</i>	TSS1500
cg13861122	9	91,849,710	0.023621	0.288	0.169					
cg06851000	1	33,627,109	1.06E-10	0.288	0.261				<i>TRIM62</i>	Body
cg15980797	6	137,813,648	3.47E-07	0.288	0.290				<i>OLIG3</i>	1stExon
cg11956953	17	27,347,092	0.043683	0.288	0.072					
cg07553475	6	21,665,800	0.03536	0.288	0.355				<i>FLJ22536</i>	TSS1500

cg00746446	2	23,879,137	9.44E-37	0.288	0.281				<i>KLHL29</i>	Body
cg19048950	13	30,915,492	4.2E-09	0.287	0.270				<i>LOC100188949</i>	Body
cg25485392	19	3,358,039	5.76E-18	0.287	0.259					
cg12683342	6	28,557,518	0.001718	0.287	0.239					
cg19845249	17	77,819,279	2.81E-11	0.287	0.268					
cg11269599	19	52,391,304	0.00386	0.287	0.278				<i>ZNF577</i>	TSS200
cg26631984	2	17,719,375	0.002511	0.287	0.317					
cg13779265	X	105,970,597	0.000136	0.287	0.359				<i>RNF128</i>	1stExon
cg01135546	17	45,949,828	0.000322	0.287	0.344					
cg11749828	19	35,531,150	1.76E-07	0.287	0.280				<i>SCN1B</i>	3'UTR
cg00862041	X	101,967,017	2.57E-09	0.287	0.266	1.61E-17	0.217		<i>GPRASP2</i>	TSS1500
cg06833110	2	66,673,316	0.000103	0.287	0.313				<i>MEIS1</i>	Body
cg21773967	17	15,166,047	0.013828	0.287	0.174				<i>PMP22</i>	TSS200
cg09293816	19	50,015,532	1.63E-20	0.287	0.292				<i>FCGRT</i>	TSS200
cg11911648	6	30,418,902	8.99E-06	0.287	0.288					
cg03509106	4	121,992,261	1.34E-08	0.287	0.247				<i>C4orf31</i>	5'UTR
cg14752089	8	128,773,042	3.61E-10	0.287	0.279					
cg19008877	10	78,157,854	3.14E-13	0.287	0.279				<i>C10orf11</i>	Body
cg20707222	1	76,540,222	0.00231	0.287	0.250				<i>ST6GALNAC3</i>	TSS200
cg08032476	17	27,045,176	7.36E-17	0.287	0.272				<i>RAB34</i>	Body
cg13597397	9	133,320,948	0.004549	0.287	0.173				<i>ASS1</i>	5'UTR
cg15341350	12	119,446,891	0.006176	0.287	0.334				<i>SRRM4</i>	Body
cg04839991	2	237,880,790	4.07E-08	0.287	0.251					
cg11431957	3	38,035,999	0.015397	0.287	0.112				<i>VILL</i>	Body
cg27211284	2	200,524,012	0.006558	0.287	0.266					
cg23793104	4	85,401,758	3.96E-08	0.287	0.287					
cg07475654	2	219,151,444	8.02E-05	0.287	0.376				<i>PNKD</i>	Body
cg02613418	15	68,723,914	3.75E-08	0.287	0.273				<i>ITGA11</i>	Body
cg17461735	9	82,185,498	0.00027	0.287	0.252				<i>TLE4</i>	TSS1500
cg15744005	10	104,629,667	1.5E-05	0.287	0.206				<i>AS3MT</i>	Body
cg17817532	10	70,322,874	3.16E-07	0.287	0.296				<i>TET1</i>	5'UTR
cg15271616	9	35,490,515	0.001176	0.287	0.145	5.96E-17	0.271		<i>RUSC2</i>	5'UTR
cg03381047	6	168,078,772	0.000379	0.287	0.234					
cg22081832	3	64,670,459	3.69E-07	0.287	0.196				<i>ADAMTS9</i>	Body



cg03507534	1	36,789,937	1.77E-12	0.287	0.269				<i>FAM176B</i>	TSS200
cg17727929	21	38,069,338	0.004102	0.287	0.308					
cg11928064	3	124,537,810	9.33E-24	0.287	0.281				<i>ITGB5</i>	Body
cg03784628	11	64,059,937	4.54E-16	0.287	0.253				<i>KCNK4</i>	5'UTR
cg23229261	2	63,284,066	2.09E-06	0.287	0.302				<i>OTX1</i>	3'UTR
cg07992044	11	68,096,049	0.044051	0.287	0.169				<i>LRP5</i>	Body
cg14273450	2	26,624,934	0.007756	0.287	0.108				<i>C2orf39</i>	1stExon
cg09479818	19	33,880,790	2.32E-18	0.287	0.287				<i>PEPD</i>	Body
cg13917047	17	15,406,213	0.020367	0.287	0.500				<i>FAM18B2</i>	Body
cg12250049	15	83,951,663	4.22E-07	0.287	0.296				<i>BNC1</i>	Body
cg00908833	6	50,810,432	0.00028	0.287	0.343				<i>TFAP2B</i>	Body
cg27525524	1	16,468,313	1.65E-14	0.287	0.271				<i>EPHA2</i>	Body
cg03071808	2	242,908,131	3.82E-07	0.287	0.258					
cg04015962	1	10,949,192	2.37E-14	0.287	0.294					
cg05526015	6	170,553,845	4.08E-50	0.287	0.279					
cg00305281	22	42,316,176	5.94E-08	0.287	0.261					
cg06605704	16	4,551,147	4.97E-06	0.287	0.319				<i>HMOX2</i>	5'UTR
cg09107912	6	159,590,059	0.000476	0.287	0.322				<i>FNDC1</i>	TSS1500
cg09561125	7	108,097,477	5.74E-09	0.287	0.276				<i>NRCAM</i>	TSS1500
cg26419656	13	74,707,400	0.00098	0.287	0.316				<i>KLF12</i>	5'UTR
cg26983469	10	17,271,051	0.010165	0.287	0.334				<i>VIM</i>	5'UTR
cg01083633	10	44,162,781	1.64E-05	0.287	0.206					
cg08807892	2	162,101,083	0.047349	0.287	0.297					
cg13433012	12	57,635,954	0.000854	0.287	0.225				<i>NDUFA4L2</i>	TSS1500
cg01165355	3	64,225,108	3.66E-14	0.287	0.242					
cg09065714	2	27,531,535	5.94E-14	0.287	0.292				<i>UCN</i>	TSS1500
cg27473895	10	102,497,354	9.39E-09	0.287	0.296					
cg23209990	4	55,097,576	0.004858	0.287	0.262				<i>PDGFRA</i>	5'UTR
cg10967191	16	49,888,604	1.4E-05	0.287	0.216					
cg20589883	4	111,115,135	5.79E-06	0.287	0.248				<i>ELOVL6</i>	Body
cg08551248	1	40,255,129	0.000175	0.287	0.176				<i>BMP8B</i>	TSS1500
cg22620090	6	105,400,993	0.042332	0.287	0.341					
cg26919186	18	56,701,751	2.62E-09	0.287	0.252				<i>LOC390858</i>	TSS1500
cg27327911	16	54,969,146	0.001373	0.287	0.366					

cg24892362	3	184,319,417	4.4E-06	0.287	0.230					
cg01566555	3	125,931,744	0.020727	0.287	0.207					
cg23451221	10	135,160,726	6.07E-08	0.287	0.255				<i>PRAP1</i>	TSS200
cg23348764	5	140,749,834	0.002265	0.287	0.365				<i>PCDHGA4</i>	Body
cg23695707	14	95,234,826	5.82E-05	0.287	0.299				<i>GSC</i>	3'UTR
cg19908556	11	32,355,022	0.014426	0.287	0.231					
cg19258665	7	157,482,508	0.000696	0.287	0.276				<i>PTPRN2</i>	Body
cg00349061	1	26,371,865	1.23E-13	0.287	0.272				<i>SLC30A2</i>	Body
cg08639379	1	95,018,889	1.27E-13	0.287	0.274					
cg15222899	18	55,095,249	0.000237	0.287	0.304					
cg23645199	2	233,498,625	5.1E-08	0.287	0.260				<i>EFHD1</i>	1stExon
cg08124446	11	43,596,529	0.00111	0.287	0.312					
cg16725974	14	64,341,178	3.42E-10	0.287	0.292				<i>SYNE2</i>	5'UTR
cg20498859	3	154,145,810	0.001507	0.286	0.236				<i>GPR149</i>	Body
cg02480199	5	145,725,913	1.47E-07	0.286	0.289					
cg15756227	4	185,937,405	1.31E-07	0.286	0.305					
cg00731785	4	15,704,680	0.01358	0.286	0.329				<i>BST1</i>	1stExon
cg01763749	22	21,368,291	0.000517	0.286	0.253				<i>P2RX6</i>	TSS1500
cg01806741	6	1,527,072	3.75E-07	0.286	0.227					
cg12131828	17	46,663,648	2.72E-09	0.286	0.282					
cg14555350	5	142,580,618	5.05E-17	0.286	0.275				<i>ARHGAP26</i>	Body
cg18795461	1	36,591,112	0.004296	0.286	0.242					
cg04463386	11	75,295,186	2.04E-15	0.286	0.256					
cg18501395	8	12,293,513	0.005708	0.286	0.200				<i>FAM86B2</i>	Body
cg02722657	17	38,334,439	5.54E-12	0.286	0.270				<i>RAPGEFL1</i>	1stExon
cg12788878	3	124,860,616	1.48E-06	0.286	0.248				<i>SLC12A8</i>	Body
cg19385331	13	100,641,867	0.000453	0.286	0.282					
cg20427486	2	162,849,137	2.64E-15	0.286	0.269				<i>DPP4</i>	3'UTR
cg03389653	16	49,316,197	0.027964	0.286	0.380				<i>CBLN1</i>	TSS1500
cg08264895	14	70,060,335	4.07E-28	0.286	0.293					
cg12864389	8	145,025,178	2.16E-07	0.286	0.313				<i>PLEC1</i>	Body
cg24478096	2	160,761,085	4.24E-06	0.286	0.287				<i>LY75</i>	Body
cg02858512	17	1,992,954	3.86E-05	0.286	0.247				<i>SMG6</i>	Body
cg11731890	6	26,271,827	0.011961	0.286	0.294				<i>HIST1H3G</i>	TSS1500

cg05899618	2	20,865,847	0.001449	0.286	0.268	1.86E-16	0.178		<i>GDF7</i>	TSS1500
cg18043690	X	68,348,774	7.55E-07	0.286	0.318					
cg20314331	2	131,129,567	0.000671	0.286	0.233				<i>PTPN18</i>	Body
cg05160558	4	70,389,517	1.51E-06	0.286	0.311			Yes		
cg06496484	2	176,946,509	0.001521	0.286	0.300			Yes	<i>EVX2</i>	Body
cg17486263	1	200,011,726	9.7E-05	0.286	0.339				<i>NR5A2</i>	Body
cg07239592	7	39,453,625	0.015533	0.286	0.217				<i>POU6F2</i>	Body
cg13899718	1	150,947,832	1.91E-07	0.286	0.252				<i>LASS2</i>	TSS1500
cg09854626	16	1,030,568	4.67E-09	0.286	0.283				<i>SOX8</i>	TSS1500
cg06260709	20	48,626,621	2.93E-17	0.286	0.273					
cg11926610	15	37,403,211	2.68E-07	0.286	0.240					
cg12267236	1	117,527,582	1.19E-21	0.286	0.299				<i>PTGFRN</i>	Body
cg21627409	5	140,810,106	0.001065	0.286	0.341				<i>PCDHGA4</i>	Body
cg14935626	2	17,776,015	1.43E-06	0.286	0.268				<i>VSNL1</i>	Body
cg02030008	7	157,476,930	0.022641	0.286	0.129				<i>PTPRN2</i>	Body
cg06135689	17	35,085,060	9.45E-10	0.286	0.283					
cg16136290	1	112,280,233	1.17E-26	0.286	0.297				<i>C1orf183</i>	Body
cg22675922	11	2,889,840	0.000118	0.286	0.291				<i>KCNQ1DN</i>	TSS1500
cg11905624	19	16,186,848	4.62E-05	0.286	0.271				<i>TPM4</i>	Body
cg03426023	16	54,972,078	0.0015	0.286	0.293					
cg25029264	15	81,426,347	0.00459	0.286	0.240				<i>C15orf26</i>	TSS1500
cg19690403	12	117,470,568	1.61E-14	0.286	0.248					
cg00599564	6	29,943,209	2.38E-06	0.286	0.289				<i>HCG9</i>	Body
cg19682013	15	45,996,608	1.49E-05	0.286	0.274					
cg13947167	9	34,555,109	3.07E-15	0.286	0.257				<i>CNTFR</i>	Body
cg18400324	2	132,286,430	3.47E-11	0.286	0.278				<i>CCDC74A</i>	Body
cg20403557	5	115,299,088	5.64E-05	0.286	0.324				<i>LVRN</i>	Body
cg22241045	4	54,363,911	3.42E-17	0.286	0.267				<i>LNX1</i>	Body
cg15924332	10	7,710,179	1.24E-10	0.286	0.285				<i>ITIH5</i>	TSS1500
cg19192590	2	178,524,533	1.33E-06	0.286	0.307				<i>PDE11A</i>	Body
cg01422262	1	108,506,291	0.000148	0.286	0.160				<i>VAV3</i>	Body
cg08582485	20	22,557,518	1.16E-07	0.286	0.280				<i>C20orf56</i>	Body
cg12051762	11	117,069,788	3.75E-07	0.286	0.315				<i>TAGLN</i>	TSS1500
cg13939978	4	57,522,881	1.94E-11	0.286	0.276				<i>HOPX</i>	5'UTR

cg23207077	1	905,988	4.07E-13	0.286	0.275				<i>PLEKHN1</i>	Body
cg11284797	11	18,067,816	0.005262	0.286	0.258					
cg10167837	2	17,699,762	0.040262	0.286	0.334				<i>RAD51AP2</i>	TSS200
cg14908245	8	23,619,180	4.98E-05	0.286	0.288					
cg04607372	5	54,523,900	3.63E-11	0.286	0.283					
cg16047144	17	62,097,953	0.00071	0.286	0.279				<i>ICAM2</i>	5'UTR
cg17785773	5	78,408,347	8.9E-10	0.286	0.279				<i>BHMT</i>	Body
cg24960947	11	65,816,463	0.000316	0.286	0.285				<i>GAL3ST3</i>	5'UTR
cg26570179	8	99,960,500	1.04E-06	0.286	0.296				<i>OSR2</i>	5'UTR
cg19535672	2	27,530,455	1.05E-13	0.286	0.265				<i>UCN</i>	Body
cg07475885	2	85,107,320	0.016704	0.286	0.388				<i>C2orf89</i>	Body
cg22092811	3	99,595,145	0.002557	0.286	0.302				<i>C3orf26</i>	Body
cg23274680	10	94,828,605	0.0002	0.286	0.187					
cg19542753	5	180,252,309	6.49E-19	0.286	0.263			Yes		
cg23729417	2	118,593,926	1.51E-05	0.286	0.304					
cg07665510	17	55,952,063	2.87E-06	0.286	0.291				<i>CUEDC1</i>	Body
cg00089798	12	62,585,204	0.001552	0.286	0.285				<i>FAM19A2</i>	5'UTR
cg07045089	1	3,620,218	0.00617	0.286	0.463				<i>TP73</i>	Body
cg09507790	18	19,752,343	2.72E-12	0.286	0.264				<i>GATA6</i>	Body
cg04887494	19	2,252,786	0.00142	0.286	0.266				<i>JSRP1</i>	Body
cg17854416	22	37,720,647	7.34E-10	0.286	0.269					
cg20897119	7	116,164,422	0.000782	0.286	0.303				<i>CAV1</i>	TSS1500
cg09476067	6	30,418,581	7.78E-11	0.286	0.282					
cg10616974	17	74,511,719	7.72E-16	0.286	0.277					
cg13609645	6	143,555,173	3.13E-20	0.286	0.264				<i>AIG1</i>	Body
cg05083414	4	2,627,039	4.04E-19	0.286	0.294				<i>FAM193A</i>	TSS200
cg23109344	8	496,440	4.53E-13	0.286	0.253				<i>C8orf42</i>	TSS1500
cg03426888	6	32,156,527	1.4E-15	0.286	0.253				<i>PBX2</i>	Body
cg09919570	16	49,311,782	0.008241	0.286	0.235					
cg02010682	8	99,954,432	0.000143	0.286	0.301					
cg02936049	3	141,102,599	0.04545	0.286	0.181				<i>ZBTB38</i>	5'UTR
cg10839385	1	159,825,049	2.42E-06	0.286	0.253				<i>VSIG8</i>	Body
cg19412791	5	180,633,063	0.0005	0.286	0.227				<i>TRIM7</i>	TSS1500
cg15411272	6	29,895,187	3.3E-08	0.286	0.269					

cg22056595	7	158,293,463	4.38E-11	0.286	0.258			Yes	<i>PTPRN2</i>	Body
cg25953350	11	45,167,368	3.5E-07	0.286	0.308				<i>PRDM11</i>	Body
cg00262776	12	14,720,726	3.27E-06	0.286	0.172				<i>PLBD1</i>	1stExon
cg02049405	6	30,095,265	1E-16	0.286	0.283					
cg11467015	17	77,786,853	0.003894	0.286	0.301					
cg21493127	5	16,617,587	1.57E-14	0.286	0.237				<i>FAM134B</i>	TSS1500
cg08372619	8	109,799,518	0.003691	0.286	0.165				<i>TMEM74</i>	5'UTR
cg27282530	3	125,898,680	3.43E-08	0.286	0.299				<i>ALDH1L1</i>	5'UTR
cg10378032	1	65,214,497	1.48E-21	0.285	0.276				<i>RAVER2</i>	Body
cg10786043	8	38,643,568	6.32E-13	0.285	0.283				<i>TACC1</i>	TSS1500
cg10708761	2	39,892,612	0.009352	0.285	0.309				<i>TMEM178</i>	TSS1500
cg25575732	10	52,177,880	1.31E-06	0.285	0.289				<i>SGMS1</i>	5'UTR
cg23183069	6	168,778,242	1.82E-13	0.285	0.258					
cg05298922	2	175,191,045	0.010932	0.285	0.260					
cg23019889	1	146,544,044	3.29E-27	0.285	0.299					
cg14875171	2	50,574,196	0.000234	0.285	0.257				<i>NRXN1</i>	Body
cg26338453	15	82,340,023	0.017469	0.285	0.203					
cg02657832	2	201,450,633	0.000217	0.285	0.260				<i>AOX1</i>	TSS200
cg17058383	13	113,624,866	1.06E-17	0.285	0.268				<i>MCF2L</i>	Body
cg17799033	7	157,476,329	9.86E-11	0.285	0.263				<i>PTPRN2</i>	Body
cg13862927	9	72,158,091	2.03E-09	0.285	0.294				<i>APBA1</i>	5'UTR
cg13883696	1	61,519,888	0.000115	0.285	0.270					
cg05143735	2	127,978,490	9.35E-08	0.285	0.270					
cg17071045	4	54,969,609	3.05E-09	0.285	0.291					
cg08586423	X	102,508,853	0.000205	0.285	0.342				<i>TCEAL8</i>	Body
cg18713028	12	54,329,935	1.91E-12	0.285	0.272					
cg09952395	11	63,258,712	0.022901	0.285	0.226				<i>HRASLS5</i>	TSS200
cg27454064	12	64,215,611	1.86E-18	0.285	0.275					
cg09526758	12	16,758,047	2.41E-05	0.285	0.246				<i>LMO3</i>	5'UTR
cg14120784	7	73,867,457	0.002067	0.285	0.228	0.0000041	0.101		<i>GTF2IRD1</i>	TSS1500
cg09251292	6	117,087,056	6.53E-09	0.285	0.225				<i>FAM162B</i>	TSS200
cg19406182	22	37,721,149	3.98E-05	0.285	0.185					
cg26579556	14	103,673,450	5.08E-05	0.285	0.170					
cg22030032	19	41,312,792	2.09E-06	0.285	0.281				<i>EGLN2</i>	Body

cg25644740	6	29,894,152	6.9E-07	0.285	0.278				<i>HCG4P6</i>	TSS1500
cg07385423	1	161,697,574	5.58E-07	0.285	0.262				<i>FCRLB</i>	3'UTR
cg12536279	11	711,129	2.1E-19	0.285	0.270				<i>EPS8L2</i>	Body
cg04135498	3	120,628,544	0.000334	0.285	0.239				<i>STXBP5L</i>	Body
cg04812351	4	73,177,995	2.37E-10	0.285	0.281				<i>ADAMTS3</i>	Body
cg07353303	5	145,713,747	9.64E-05	0.285	0.226					
cg19391247	20	2,360,385	1.09E-06	0.285	0.240				<i>TGM6</i>	TSS1500
cg24187351	X	68,525,883	1.56E-05	0.285	0.318					
cg09297903	8	42,234,798	1.14E-10	0.285	0.246				<i>DKK4</i>	TSS200
cg19978312	5	179,634,688	7.76E-18	0.285	0.270				<i>RASGEF1C</i>	5'UTR
cg06871999	7	104,460,407	3.5E-14	0.285	0.290				<i>LHFPL3</i>	Body
cg14602530	4	4,859,772	0.004297	0.285	0.284					
cg09275956	1	50,896,251	0.001623	0.285	0.295					
cg18006568	2	71,205,891	0.001236	0.285	0.303	6.33E-25	0.278		<i>ANKRD53</i>	1stExon
cg01468514	5	10,563,358	1.04E-11	0.285	0.234				<i>ANKRD33B</i>	TSS1500
cg25229172	12	96,336,121	0.003164	0.285	0.144	5.19E-21	0.171		<i>AMDHD1</i>	TSS1500
cg07959771	7	121,956,740	0.003433	0.285	0.270					
cg16481280	6	32,120,955	6.72E-05	0.285	0.308				<i>PPT2</i>	TSS1500
cg16707405	5	115,152,413	0.004256	0.285	0.173				<i>CDO1</i>	TSS200
cg11802027	19	14,049,442	2.75E-10	0.285	0.260				<i>PODNL1</i>	Body
cg18628732	6	30,095,295	4.59E-13	0.285	0.268					
cg23709913	2	132,152,429	7.81E-09	0.285	0.258					
cg01297721	19	19,373,566	0.000189	0.285	0.291				<i>HAPLN4</i>	5'UTR
cg10165801	17	46,651,186	0.000622	0.285	0.233				<i>HOXB3</i>	5'UTR
cg04796181	6	27,839,850	0.029907	0.285	0.313				<i>HIST1H3I</i>	1stExon
cg01650776	7	150,748,518	7.57E-14	0.285	0.233				<i>ACCN3</i>	Body
cg08166362	3	128,998,952	1.91E-14	0.285	0.244				<i>C3orf37</i>	Body
cg03721195	5	137,610,448	0.000833	0.285	0.251				<i>GFRA3</i>	TSS200
cg11059159	2	128,453,445	0.004385	0.285	0.205					
cg19402991	2	164,204,915	1.99E-05	0.285	0.212					
cg24660009	6	28,458,175	0.004029	0.285	0.271					
cg14161412	1	76,095,838	0.004001	0.285	0.285					
cg04844977	3	125,691,054	0.017261	0.285	0.261				<i>ROPN1B</i>	Body
cg04951947	12	26,349,129	0.022467	0.285	0.209				<i>SSPN</i>	5'UTR

cg06422467	6	30,720,484	0.000224	0.285	0.164					
cg26654807	10	81,002,218	0.04006	0.285	0.172				<i>ZMIZ1</i>	Body
cg10045354	11	111,169,427	1.62E-14	0.285	0.286				<i>C11orf93</i>	TSS1500
cg21590021	8	145,240,760	8.27E-05	0.285	0.275				<i>HEATR7A</i>	Body
cg22080436	11	4,212,471	2.75E-07	0.285	0.259					
cg18547299	19	14,049,578	1.33E-07	0.285	0.292				<i>PODNL1</i>	Body
cg11903133	20	50,722,613	0.00682	0.285	0.313				<i>ZFP64</i>	Body
cg10144198	10	134,001,728	2.3E-06	0.285	0.298				<i>DPYSL4</i>	Body
cg14451926	8	23,562,918	8.08E-09	0.285	0.280				<i>NKX2-6</i>	Body
cg27573591	7	127,672,152	0.001087	0.285	0.210				<i>SND1</i>	Body
cg07578695	4	25,657,414	0.005768	0.285	0.160				<i>SLC34A2</i>	TSS200
cg08592890	16	30,907,246	1.07E-07	0.285	0.261				<i>CTF1</i>	TSS1500
cg07101841	17	75,315,527	0.044927	0.285	0.278				<i>SEPT9</i>	5'UTR
cg22210145	13	28,545,263	8.75E-07	0.285	0.259					
cg19674878	12	117,470,549	4.31E-19	0.285	0.262					
cg16014085	16	30,406,122	4.44E-05	0.285	0.196	1.47E-20	0.214		<i>ZNF48</i>	TSS1500
cg18988685	2	233,368,473	4.14E-05	0.285	0.250					
cg20977794	14	51,560,748	4.22E-06	0.285	0.223				<i>TRIM9</i>	Body
cg24610231	15	29,967,620	8.12E-12	0.285	0.265					
cg11548303	8	23,567,350	3.95E-19	0.285	0.254					
cg13906811	2	50,575,093	9.97E-08	0.285	0.243				<i>NRXN1</i>	Body
cg14699112	4	141,170,338	1.39E-07	0.285	0.249					
cg23891273	12	102,036,400	5.45E-06	0.285	0.282				<i>MYBPC1</i>	Body
cg07810164	X	13,588,174	0.000137	0.285	0.292				<i>EGFL6</i>	Body
cg03507241	18	12,307,649	3.37E-05	0.285	0.274				<i>TUBB6</i>	TSS1500
cg23915769	5	115,297,488	0.023268	0.285	0.375				<i>LVRN</i>	TSS1500
cg24332422	5	112,073,686	0.001066	0.285	0.156	1.84E-18	0.177		<i>APC</i>	5'UTR
cg11028769	6	25,138,951	0.029034	0.285	0.157				<i>CMAH</i>	TSS1500
cg24760467	10	102,760,784	6.71E-09	0.285	0.298				<i>LZTS2</i>	5'UTR
cg04786287	16	54,970,523	0.003766	0.285	0.334					
cg12821539	13	100,642,775	0.009419	0.285	0.306					
cg02948476	14	95,235,026	0.013582	0.285	0.339				<i>GSC</i>	Body
cg22502382	12	32,701,732	2.31E-08	0.285	0.323				<i>FGD4</i>	5'UTR
cg01966091	16	69,141,478	0.014603	0.285	0.270				<i>HAS3</i>	5'UTR

cg08398132	2	8,557,381	3.2E-12	0.285	0.268					
cg26826183	19	10,231,701	1.6E-13	0.285	0.246				<i>EIF3G</i>	TSS1500
cg20691507	6	28,956,683	0.000694	0.285	0.349			Yes		
cg26814276	4	172,734,266	0.013265	0.285	0.390				<i>GALNTL6</i>	TSS1500
cg16108059	14	81,421,989	0.004113	0.285	0.371				<i>TSHR</i>	5'UTR
cg19761272	14	76,605,176	0.002155	0.285	0.274					
cg09456782	13	114,146,038	6.03E-06	0.285	0.208				<i>TMCO3</i>	5'UTR
cg26149275	2	176,950,007	0.001609	0.285	0.342				<i>EVX2</i>	TSS1500
cg04064644	5	1,876,719	1.33E-05	0.285	0.244					
cg04157263	17	37,752,991	2.81E-09	0.285	0.255					
cg17286326	20	57,796,491	1.61E-07	0.285	0.269				<i>ZNF831</i>	Body
cg18081863	19	50,015,527	2.47E-16	0.285	0.308				<i>FCGRT</i>	TSS200
cg22820316	1	119,532,736	6.02E-07	0.285	0.303				<i>TBX15</i>	TSS1500
cg17930194	9	124,982,834	5.33E-06	0.284	0.270				<i>LHX6</i>	Body
cg02674384	13	46,425,837	0.004328	0.284	0.253				<i>SIAH3</i>	5'UTR
cg17683336	19	11,305,924	7.93E-05	0.284	0.254				<i>KANK2</i>	5'UTR
cg01970716	14	24,867,164	2.25E-25	0.284	0.296				<i>NYNRIN</i>	TSS1500
cg25827022	17	7,287,652	2.21E-07	0.284	0.263				<i>TNK1</i>	Body
cg19045293	X	39,864,984	0.015033	0.284	0.322					
cg13631916	6	117,086,931	0.012132	0.284	0.243				<i>FAM162B</i>	TSS200
cg14272084	14	61,685,564	0.000527	0.284	0.202					
cg08304190	20	26,188,997	0.01482	0.284	0.243				<i>MIR663</i>	TSS200
cg21985590	6	84,563,910	1.28E-07	0.284	0.288				<i>RIPPLY2</i>	Body
cg01737100	17	8,230,130	1.68E-06	0.284	0.263					
cg16700924	1	146,552,102	0.000209	0.284	0.293					
cg21784383	1	217,311,172	0.00021	0.284	0.268				<i>ESRRG</i>	TSS200
cg04467162	3	128,764,824	0.00021	0.284	0.239					
cg19423196	10	82,049,429	0.001398	0.284	0.250	1.22E-34	0.254		<i>MAT1A</i>	1stExon
cg22557662	19	38,747,374	0.001529	0.284	0.292				<i>PPP1R14A</i>	TSS1500
cg15289466	4	103,740,913	3.65E-07	0.284	0.285				<i>UBE2D3</i>	Body
cg02591487	12	8,088,741	4.87E-08	0.284	0.286				<i>SLC2A3</i>	1stExon
cg01787574	12	16,758,057	1.13E-06	0.284	0.259				<i>LMO3</i>	5'UTR
cg07063068	14	91,711,033	2.99E-05	0.284	0.248				<i>GPR68</i>	5'UTR
cg20180061	3	181,445,385	0.001077	0.284	0.292				<i>SOX2OT</i>	Body



cg12526834	11	120,081,089	2.62E-06	0.284	0.252				<i>OAF</i>	TSS1500
cg21109265	6	43,276,647	0.030047	0.284	0.205				<i>CRIP3</i>	TSS200
cg17590101	X	48,327,749	3.22E-09	0.284	0.275				<i>SLC38A5</i>	5'UTR
cg25530583	18	43,305,617	1.59E-07	0.284	0.258				<i>SLC14A1</i>	5'UTR
cg02530022	7	96,642,708	2.85E-07	0.284	0.291				<i>DLX6AS</i>	Body
cg09235983	11	58,612,814	0.002694	0.284	0.279				<i>GLYATL2</i>	TSS1500
cg01179012	2	131,595,107	1.74E-07	0.284	0.273					
cg13726459	12	54,409,657	4.49E-05	0.284	0.218				<i>HOXC4</i>	TSS1500
cg15132165	17	773,137	5.51E-06	0.284	0.278				<i>NXN</i>	Body
cg09896120	11	46,317,577	0.00024	0.284	0.208				<i>CREB3L1</i>	Body
cg16191307	12	63,754,169	4.88E-06	0.284	0.199					
cg00832555	3	169,529,716	0.000852	0.284	0.209				<i>LRRC34</i>	Body
cg27057027	7	27,243,276	0.018015	0.284	0.365					
cg15718581	4	188,916,581	0.015413	0.284	0.283				<i>ZFP42</i>	TSS1500
cg23704195	17	59,531,104	6.21E-12	0.284	0.264					
cg17113856	6	32,120,895	6.57E-10	0.284	0.284				<i>PPT2</i>	TSS1500
cg19309580	1	9,747,263	0.049545	0.284	0.275				<i>PIK3CD</i>	5'UTR
cg08767820	7	51,539,583	2.06E-06	0.284	0.266					
cg16510793	9	116,450,346	1.33E-06	0.284	0.272					
cg17119387	17	2,615,431	0.003788	0.284	0.207	1.61E-22	0.177		<i>KIAA0664</i>	TSS1500
cg25950112	5	170,740,870	0.022621	0.284	0.300					
cg25991569	13	35,324,682	0.000603	0.284	0.299					
cg10684686	6	28,557,047	0.002567	0.284	0.229					
cg13321661	1	62,319,602	2.05E-08	0.284	0.266				<i>INADL</i>	Body
cg03200166	11	61,335,254	0.008697	0.284	0.143				<i>SYT7</i>	Body
cg08515442	6	168,778,225	6.11E-12	0.284	0.252					
cg04442631	22	36,593,144	1.21E-11	0.284	0.268				<i>APOL4</i>	Body
cg06197966	10	29,948,324	1.05E-08	0.284	0.242				<i>SVIL</i>	5'UTR
cg22252475	X	134,654,383	0.006261	0.284	0.157				<i>DDX26B</i>	TSS200
cg00739120	19	36,035,875	0.000542	0.284	0.151	1.03E-25	0.214		<i>GAPDHS</i>	Body
cg05534148	7	1,398,159	0.000437	0.284	0.316					
cg18147605	12	6,663,049	4.28E-10	0.284	0.293				<i>IFFO1</i>	Body
cg19695266	1	1,241,672	2.07E-18	0.284	0.307				<i>ACAP3</i>	Body
cg14629509	7	134,143,991	0.001104	0.284	0.176				<i>AKR1B1</i>	TSS200

cg16832407	9	73,736,539	3.89E-05	0.284	0.262	1.29E-17	0.197		<i>TRPM3</i>	TSS200
cg02463253	17	27,369,851	6.27E-08	0.284	0.287				<i>PIPOX</i>	TSS200
cg24553170	1	49,243,472	3.36E-16	0.284	0.263				<i>AGBL4</i>	Body
cg11649981	5	174,178,104	0.019112	0.284	0.225					
cg19350020	11	118,489,198	1.25E-18	0.284	0.278				<i>PHLDB1</i>	Body
cg22215815	12	57,619,178	1.19E-06	0.284	0.294				<i>NXPH4</i>	Body
cg09671258	1	180,202,530	0.029105	0.284	0.315				<i>LHX4</i>	Body
cg02336762	12	118,313,990	0.000774	0.284	0.322				<i>KSR2</i>	Body
cg08198176	3	37,494,602	3.26E-11	0.284	0.274				<i>ITGA9</i>	Body
cg00101715	3	101,497,475	1.99E-05	0.284	0.203				<i>FAM55C</i>	TSS1500
cg02745847	17	47,075,880	8.64E-06	0.284	0.253				<i>IGF2BP1</i>	Body
cg13023870	14	37,124,018	8.28E-06	0.284	0.300					
cg16546503	18	12,307,329	6.94E-05	0.284	0.276				<i>TUBB6</i>	TSS1500
cg18196782	1	232,941,176	0.016495	0.284	0.243				<i>KIAA1383</i>	1stExon
cg14298457	2	177,012,117	4.58E-08	0.284	0.219					
cg07860213	8	70,982,039	0.000521	0.284	0.294				<i>PRDM14</i>	Body
cg20247486	1	119,544,329	6.49E-08	0.284	0.248					
cg18255595	13	20,735,871	2.21E-06	0.284	0.265				<i>GJA3</i>	TSS1500
cg22610620	10	77,524,487	3.03E-08	0.284	0.260					
cg01355242	X	56,258,387	7.68E-13	0.284	0.250				<i>KLF8</i>	TSS1500
cg07393734	11	44,341,451	0.002317	0.284	0.281					
cg25527090	10	118,894,180	0.000132	0.284	0.221				<i>VAX1</i>	Body
cg01154046	10	17,270,601	0.030807	0.284	0.339				<i>VIM</i>	5'UTR
cg08814148	X	118,407,645	0.001244	0.284	0.246					
cg24404823	1	247,496,053	0.029953	0.284	0.149				<i>ZNF496</i>	TSS1500
cg04455137	7	120,629,316	1.54E-07	0.284	0.256				<i>C7orf58</i>	5'UTR
cg18125573	17	38,506,350	0.009714	0.284	0.227				<i>RARA</i>	Body
cg19883813	10	8,098,005	2.88E-08	0.284	0.227				<i>GATA3</i>	Body
cg04098194	1	1,241,087	6.15E-14	0.284	0.303				<i>ACAP3</i>	Body
cg07598755	16	30,023,028	0.000676	0.283	0.212				<i>DOC2A</i>	TSS1500
cg17110920	1	27,893,925	3.81E-18	0.283	0.275				<i>AHDC1</i>	5'UTR
cg00469207	7	152,622,455	0.012065	0.283	0.390					
cg22250498	11	63,258,744	0.023206	0.283	0.251				<i>HRASLS5</i>	TSS200
cg01162672	6	133,562,275	6.52E-08	0.283	0.313				<i>EYA4</i>	TSS1500

cg14071579	9	126,794,830	0.000458	0.283	0.382				<i>LHX2</i>	Body
cg26065488	3	171,176,016	4.71E-08	0.283	0.288				<i>TNIK</i>	Body
cg07962303	19	11,253,944	0.000465	0.283	0.211					
cg18734330	14	95,876,455	4.44E-13	0.283	0.280				<i>C14orf139</i>	TSS200
cg04660410	3	38,036,034	0.018952	0.283	0.111	0.0000212	0.121		<i>VILL</i>	Body
cg17208748	3	197,194,394	1.25E-10	0.283	0.291					
cg00278392	6	16,802,505	4.94E-11	0.283	0.257					
cg07011913	2	177,014,626	5.34E-08	0.283	0.258				<i>HOXD4</i>	TSS1500
cg04193484	12	57,620,856	3.37E-06	0.283	0.306					
cg27175634	1	77,748,728	0.024566	0.283	0.075				<i>AK5</i>	Body
cg18356276	7	17,337,342	7.29E-40	0.283	0.269				<i>AHR</i>	TSS1500
cg07862488	14	60,977,054	6.41E-07	0.283	0.251				<i>SIX6</i>	Body
cg24784350	21	47,518,998	0.00131	0.283	0.185				<i>COL6A2</i>	5'UTR
cg00185066	13	80,910,763	1.95E-06	0.283	0.290				<i>SPRY2</i>	3'UTR
cg16331883	12	53,886,170	4.14E-07	0.283	0.250				<i>MAP3K12</i>	5'UTR
cg07083464	7	27,240,758	0.034813	0.283	0.348				<i>HOXA13</i>	TSS1500
cg06470822	6	28,175,283	3.82E-05	0.283	0.251					
cg22757019	7	91,808,805	1.9E-06	0.283	0.221					
cg12980127	5	2,129,874	0.024469	0.283	0.380					
cg09941363	1	51,730,449	5.16E-07	0.283	0.268				<i>RNF11</i>	Body
cg12417775	1	212,463,238	2.32E-23	0.283	0.295				<i>PPP2R5A</i>	Body
cg20980055	6	133,562,258	0.001401	0.283	0.334				<i>EYA4</i>	TSS1500
cg14059835	9	132,598,917	1.58E-07	0.283	0.257				<i>C9orf78</i>	TSS1500
cg09041207	16	87,417,818	0.012058	0.283	0.215				<i>FBXO31</i>	TSS1500
cg11274314	2	242,480,504	3.53E-07	0.283	0.280					
cg27548752	19	47,263,614	4.61E-18	0.283	0.277					
cg02628823	4	141,419,587	0.000128	0.283	0.277					
cg25417335	17	15,313,159	3.56E-23	0.283	0.300					
cg23799901	7	124,404,431	0.000178	0.283	0.186				<i>GPR37</i>	1stExon
cg00651400	6	3,230,007	1.07E-08	0.283	0.260					
cg11139090	5	176,294,068	2.6E-06	0.283	0.270				<i>UNC5A</i>	Body
cg01817521	20	61,584,108	1.74E-08	0.283	0.265				<i>SLC17A9</i>	1stExon
cg00952054	1	9,437,047	1.58E-10	0.283	0.300					
cg06640593	2	568,321	1.23E-09	0.283	0.239					

cg20770175	2	189,839,474	9.27E-09	0.283	0.306	2.28E-08	0.164		<i>COL3A1</i>	Body
cg10112943	4	148,401,351	1.16E-12	0.283	0.278				<i>EDNRA</i>	TSS1500
cg21146537	22	35,695,301	6.6E-08	0.283	0.181				<i>TOM1</i>	TSS1500
cg25900280	17	59,534,847	7.84E-08	0.283	0.249				<i>TBX4</i>	Body
cg14367995	9	110,253,800	5.02E-06	0.283	0.273					
cg04293930	6	35,465,845	0.000161	0.283	0.200				<i>TULP1</i>	3'UTR
cg02959609	1	151,693,503	2.47E-08	0.283	0.251				<i>C1orf230</i>	TSS1500
cg06846752	1	32,929,715	8.45E-05	0.283	0.220				<i>ZBTB8B</i>	TSS1500
cg18075315	12	106,988,393	2.31E-09	0.283	0.289				<i>RFX4</i>	Body
cg20772590	17	75,446,431	3.46E-05	0.283	0.179				<i>SEPT9</i>	TSS200
cg14258853	12	29,935,411	0.000467	0.283	0.208				<i>TMTC1</i>	5'UTR
cg18009621	11	114,129,200	1.21E-11	0.283	0.338					
cg02909688	1	147,752,823	0.001368	0.283	0.266					
cg19776515	8	57,232,395	0.00957	0.283	0.367				<i>SDR16C5</i>	5'UTR
cg10149836	17	29,719,312	1.11E-09	0.283	0.204	2.5E-17	0.177		<i>RAB11FIP4</i>	Body
cg20016673	1	108,023,366	3.62E-09	0.283	0.252				<i>NTNG1</i>	Body
cg02249292	10	28,035,655	4.96E-09	0.283	0.284				<i>MKX</i>	TSS1500
cg02580923	12	117,470,541	2.13E-18	0.283	0.247					
cg18878437	17	7,826,413	0.002022	0.283	0.285				<i>KCNAB3</i>	3'UTR
cg26327071	17	46,655,818	0.023765	0.283	0.303				<i>HOXB4</i>	TSS200
cg27189803	10	80,416,566	4.59E-13	0.283	0.267					
cg14435807	15	74,218,780	1.91E-17	0.283	0.262	2.01E-21	0.191		<i>LOXL1</i>	TSS200
cg22884020	3	38,081,186	4.29E-05	0.283	0.182				<i>DLEC1</i>	Body
cg24410453	6	53,919,041	0.004069	0.283	0.366				<i>C6orf142</i>	Body
cg19792599	11	125,774,406	1.58E-06	0.283	0.240				<i>DDX25</i>	5'UTR
cg05348973	1	110,697,298	0.001415	0.283	0.287				<i>SLC6A17</i>	5'UTR
cg13475665	3	65,582,925	9.61E-07	0.283	0.292				<i>MAGI1</i>	Body
cg07471461	6	37,751,706	0.036129	0.283	0.189					
cg04184143	5	50,263,500	0.008497	0.283	0.275					
cg16712127	X	119,149,186	0.00119	0.283	0.229					
cg14571710	6	30,655,896	8.48E-23	0.283	0.270				<i>KIAA1949</i>	TSS1500
cg15392819	1	180,585,679	1.89E-19	0.283	0.265					
cg00777121	3	50,378,191	6.95E-06	0.283	0.283	3.55E-10	0.144		<i>RASSF1</i>	1stExon
cg03671052	5	180,086,260	0.001916	0.283	0.320					

cg06844012	3	159,944,430	4.11E-05	0.283	0.162				<i>LOC401097</i>	3'UTR
cg07544796	6	36,817,048	0.032222	0.283	0.094					
cg10786645	19	36,352,376	0.001979	0.283	0.304				<i>KIRREL2</i>	Body
cg27078824	6	44,187,399	0.029133	0.283	0.197				<i>SLC29A1</i>	1stExon
cg15651928	20	32,290,811	4.72E-07	0.283	0.256				<i>PXMP4</i>	3'UTR
cg18295744	10	80,872,926	1.52E-15	0.283	0.256				<i>ZMIZ1</i>	5'UTR
cg16716883	10	74,079,772	0.018484	0.283	0.194					
cg14482998	6	111,984,370	1.38E-11	0.283	0.249				<i>FYN</i>	Body
cg22152728	11	20,185,382	0.019989	0.283	0.337					
cg24319381	15	83,316,911	0.000803	0.283	0.255				<i>CPEB1</i>	TSS200
cg25649765	2	11,672,761	1.81E-13	0.283	0.267				<i>GREB1</i>	TSS1500
cg07505018	16	54,968,831	0.00468	0.283	0.354					
cg13215970	4	74,864,596	1.96E-05	0.283	0.226				<i>CXCL5</i>	TSS200
cg15571561	3	35,706,161	0.001132	0.283	0.278				<i>ARPP-21</i>	5'UTR
cg26708220	15	37,387,577	0.028095	0.283	0.378				<i>MEIS2</i>	Body
cg20633818	6	27,799,380	0.003907	0.283	0.224				<i>HIST1H4K</i>	TSS200
cg16582517	3	5,025,885	0.001135	0.283	0.129				<i>BHLHE40</i>	3'UTR
cg18729001	12	45,443,808	4.26E-38	0.282	0.277				<i>DBX2</i>	Body
cg21582112	12	54,421,335	1.39E-07	0.282	0.223				<i>HOXC4</i>	5'UTR
cg27645968	19	406,407	4.32E-15	0.282	0.273				<i>C2CD4C</i>	3'UTR
cg25529393	6	27,858,380	1.01E-05	0.282	0.284				<i>HIST1H3J</i>	1stExon
cg21683708	6	36,628,755	0.003504	0.282	0.228					
cg03355101	19	16,449,718	1.77E-06	0.282	0.285					
cg11085282	22	46,262,203	0.00229	0.282	0.318					
cg00308438	1	92,329,399	6.21E-09	0.282	0.292				<i>TGFBR3</i>	5'UTR
cg00437102	2	10,231,846	2.17E-07	0.282	0.265					
cg27649971	11	711,205	2.62E-17	0.282	0.276				<i>EPS8L2</i>	Body
cg09488203	10	95,327,884	1.71E-05	0.282	0.305				<i>GPR120</i>	Body
cg06811094	1	200,272,112	1.55E-07	0.282	0.268					
cg21370856	16	23,848,003	3.17E-06	0.282	0.238				<i>PRKCB</i>	Body
cg04829485	14	104,550,970	1.5E-10	0.282	0.263				<i>ASPG</i>	TSS1500
cg09427311	9	129,885,730	7.61E-05	0.282	0.232				<i>ANGPTL2</i>	TSS1500
cg11225297	3	130,064,318	0.001304	0.282	0.200				<i>COL29A1</i>	TSS200
cg17229678	6	32,121,555	4.38E-08	0.282	0.249				<i>PPT2</i>	Body

cg22867719	1	19,276,236	7.51E-14	0.282	0.265				<i>IFFO2</i>	Body
cg15878619	6	30,687,373	4.42E-08	0.282	0.248				<i>TUBB</i>	TSS1500
cg17567700	22	51,112,218	3.83E-05	0.282	0.293				<i>SHANK3</i>	TSS1500
cg04652097	7	79,083,445	0.012438	0.282	0.195				<i>MAGI2</i>	TSS1500
cg27114640	1	18,437,320	9.61E-05	0.282	0.247				<i>IGSF21</i>	Body
cg09209510	14	100,288,389	8.51E-14	0.282	0.256				<i>EML1</i>	Body
cg07788369	7	96,619,068	1.64E-07	0.282	0.269				<i>DLX6AS</i>	Body
cg14550985	11	66,104,159	5.98E-13	0.282	0.293				<i>RIN1</i>	TSS200
cg22534145	20	23,015,936	0.000687	0.282	0.202				<i>SSTR4</i>	TSS200
cg02590886	7	87,848,358	0.005687	0.282	0.193				<i>SRI</i>	Body
cg03107888	7	27,241,203	0.019201	0.282	0.326				<i>HOXA13</i>	TSS1500
cg16608018	10	122,739,544	2.87E-12	0.282	0.231					
cg27296341	6	154,485,839	2.09E-19	0.282	0.295				<i>IPCEF1</i>	Body
cg17456100	1	22,140,859	5.72E-10	0.282	0.222				<i>LDLRAD2</i>	Body
cg00970325	3	142,683,176	0.007227	0.282	0.299	3.25E-09	0.217		<i>PAQR9</i>	TSS1500
cg00694258	10	32,038,939	1.47E-08	0.282	0.264					
cg15741433	6	26,018,084	0.000344	0.282	0.241				<i>HIST1H1A</i>	TSS200
cg11197916	1	26,249,040	1.72E-06	0.282	0.161					
cg00118808	9	132,097,931	2.67E-05	0.282	0.231					
cg17380661	6	100,912,946	0.010384	0.282	0.371				<i>SIM1</i>	TSS1500
cg01460276	8	18,871,817	0.007629	0.282	0.187				<i>PSD3</i>	TSS1500
cg24803719	17	45,855,879	2.64E-05	0.282	0.218					
cg25777540	X	101,906,428	0.015051	0.282	0.297				<i>GPRASP1</i>	1stExon
cg26162932	4	81,106,342	0.013393	0.282	0.368				<i>PRDM8</i>	TSS200
cg23090632	8	94,712,373	0.007196	0.282	0.161				<i>FAM92A1</i>	TSS1500
cg02431672	1	43,534,324	0.001353	0.282	0.100					
cg16584431	X	117,250,153	1.21E-07	0.282	0.248				<i>KLHL13</i>	5'UTR
cg19268434	6	32,076,967	6.59E-05	0.282	0.270				<i>TNXB</i>	5'UTR
cg22682811	20	21,372,462	7E-12	0.282	0.292					
cg10022722	16	2,041,826	5.45E-05	0.282	0.235				<i>SYNGR3</i>	Body
cg18556834	14	24,641,070	2.41E-11	0.282	0.282				<i>REC8</i>	TSS200
cg03966514	13	36,919,738	0.011467	0.282	0.303				<i>SPG20</i>	5'UTR
cg19248676	12	115,135,926	2.7E-10	0.282	0.250					
cg24761507	17	35,293,930	0.045625	0.282	0.171				<i>LHX1</i>	TSS1500

cg03599147	11	78,551,798	9.58E-12	0.282	0.289				<i>ODZ4</i>	Body
cg04804717	7	1,300,320	0.008319	0.282	0.281					
cg07341624	20	2,539,167	6.33E-05	0.282	0.278				<i>TMC2</i>	Body
cg23760687	13	25,621,735	0.008174	0.282	0.145					
cg19796981	22	50,438,501	3.9E-07	0.282	0.277				<i>IL17REL</i>	Body
cg24054180	11	112,157,241	1.49E-21	0.282	0.286					
cg26724975	12	46,554,412	2.31E-38	0.282	0.263					
cg19045239	19	46,799,505	7.4E-10	0.282	0.254				<i>HIF3A</i>	TSS1500
cg21229055	X	13,957,233	1.07E-07	0.282	0.260				<i>GPM6B</i>	TSS1500
cg12073779	2	208,989,469	6.12E-09	0.282	0.287	1.28E-13	0.196		<i>CRYGD</i>	TSS200
cg13922291	1	46,914,528	6.31E-09	0.282	0.275					
cg17155018	6	111,953,066	1.46E-25	0.282	0.267					
cg04774469	14	21,562,632	3.78E-14	0.282	0.292				<i>ZNF219</i>	5'UTR
cg16572876	4	56,024,045	6.86E-06	0.282	0.287					
cg10562586	2	210,444,154	3.19E-07	0.282	0.283	1.1E-08	0.102		<i>MAP2</i>	TSS1500
cg06509837	19	610,955	4.52E-05	0.282	0.207				<i>HCN2</i>	Body
cg10625533	2	233,498,682	1.56E-07	0.282	0.251				<i>EFHD1</i>	1stExon
cg18021286	11	115,530,371	3.08E-06	0.282	0.229					
cg13482308	9	37,002,685	0.000442	0.282	0.253				<i>PAX5</i>	Body
cg15373592	6	56,405,167	0.001429	0.282	0.224				<i>DST</i>	Body
cg21757872	12	107,974,453	4.07E-14	0.282	0.279				<i>BTBD11</i>	TSS200
cg06593753	7	51,539,323	1.56E-11	0.282	0.284					
cg18184071	1	149,670,096	1.21E-23	0.282	0.291					
cg19352038	2	223,164,869	1.48E-07	0.282	0.296	1.78E-16	0.189		<i>PAX3</i>	TSS1500
cg23970275	2	208,008,052	1.46E-09	0.282	0.293				<i>KLF7</i>	Body
cg15573040	15	92,938,295	0.012179	0.282	0.219				<i>ST8SIA2</i>	Body
cg02701825	17	73,083,632	9.07E-12	0.282	0.223				<i>SLC16A5</i>	TSS1500
cg13920090	1	27,872,303	3.04E-12	0.282	0.296				<i>AHDC1</i>	3'UTR
cg25007447	12	93,521,330	2.6E-16	0.282	0.271					
cg10233654	12	89,744,621	1.09E-11	0.282	0.261				<i>DUSP6</i>	Body
cg15922057	17	25,784,714	2E-07	0.282	0.348					
cg22488256	1	66,258,046	0.00013	0.282	0.278				<i>PDE4B</i>	TSS200
cg16053580	19	51,568,863	1.4E-07	0.282	0.274				<i>KLK13</i>	TSS1500
cg08873266	1	40,255,052	0.000565	0.282	0.147				<i>BMP8B</i>	TSS1500

cg10206344	16	31,483,277	0.001071	0.282	0.125				<i>TGFB111</i>	TSS1500
cg12645616	10	103,070,480	0.0006	0.282	0.256					
cg21543859	6	45,391,645	0.003796	0.282	0.201				<i>RUNX2</i>	Body
cg10402698	15	67,000,045	9.69E-08	0.281	0.312				<i>SMAD6</i>	TSS1500
cg00108715	3	52,565,015	1.09E-21	0.281	0.257				<i>NT5DC2</i>	Body
cg03614193	18	55,021,542	0.001453	0.281	0.195				<i>ST8SIA3</i>	Body
cg23346544	8	80,731,144	0.008078	0.281	0.185					
cg18178197	22	50,098,317	5.83E-07	0.281	0.304					
cg23221603	2	26,963,883	1.51E-11	0.281	0.268					
cg08431536	2	223,161,894	0.022777	0.281	0.327				<i>PAX3</i>	Body
cg16501625	16	54,628,759	0.001731	0.281	0.216					
cg11941920	6	79,339,195	0.000151	0.281	0.297					
cg14651249	9	135,465,030	0.030167	0.281	0.338				<i>BARHL1</i>	3'UTR
cg24940155	13	93,896,820	8.45E-14	0.281	0.247				<i>GPC6</i>	Body
cg23738708	1	206,240,661	1.25E-08	0.281	0.264				<i>C1orf186</i>	Body
cg07161827	2	71,680,559	0.037647	0.281	0.187				<i>DYSF</i>	TSS200
cg00114029	1	35,351,407	0.002077	0.281	0.259				<i>DLGAP3</i>	Body
cg11784631	6	30,658,014	4.07E-15	0.281	0.266				<i>NRM</i>	Body
cg22689630	19	51,568,918	1.2E-06	0.281	0.286				<i>KLK13</i>	TSS1500
cg25338563	8	103,669,495	0.018818	0.281	0.185					
cg03637769	3	195,870,092	0.000143	0.281	0.168					
cg13306478	13	31,317,745	4.19E-16	0.281	0.260				<i>ALOX5AP</i>	Body
cg00042837	17	37,028,650	1.45E-12	0.281	0.279				<i>LASP1</i>	Body
cg06272916	22	42,306,237	0.037366	0.281	0.258					
cg11719362	7	25,900,355	0.001515	0.281	0.281					
cg20116805	12	54,363,054	2.52E-05	0.281	0.308				<i>HOTAIR</i>	TSS1500
cg20586076	10	133,252,332	1.76E-05	0.281	0.293					
cg05997350	10	50,817,104	0.047515	0.281	0.349				<i>SLC18A3</i>	TSS1500
cg12961080	14	99,736,143	0.001175	0.281	0.236				<i>BCL11B</i>	Body
cg26803305	18	43,304,452	3.01E-12	0.281	0.261	2.13E-12	0.184		<i>SLC14A1</i>	5'UTR
cg05137450	2	233,368,263	0.022843	0.281	0.291					
cg02493602	11	86,383,696	0.025437	0.281	0.177				<i>ME3</i>	TSS1500
cg14238325	6	43,276,781	0.001682	0.281	0.248				<i>CRIP3</i>	TSS1500
cg16038738	1	109,103,731	4.32E-10	0.281	0.274				<i>FAM102B</i>	Body



cg03226666	6	124,151,503	4.79E-05	0.281	0.267				<i>NKAIN2</i>	Body
cg12215294	3	40,350,768	0.000558	0.281	0.294				<i>EIF1B</i>	TSS1500
cg19831403	10	88,453,678	1.2E-07	0.281	0.236				<i>LDB3</i>	Body
cg25701114	6	26,031,939	0.000114	0.281	0.279				<i>HIST1H3B</i>	1stExon
cg08995609	11	66,104,115	3.16E-12	0.281	0.275				<i>RIN1</i>	TSS200
cg13492692	9	126,777,673	2.13E-05	0.281	0.346				<i>LHX2</i>	Body
cg15027606	X	53,077,819	0.012527	0.281	0.317				<i>GPR173</i>	TSS1500
cg16097858	2	46,765,700	2.28E-12	0.281	0.283					
cg17543488	5	172,672,959	0.000194	0.281	0.331					
cg22780193	13	74,825,252	1.19E-09	0.281	0.231					
cg07909444	17	67,585,094	2.57E-14	0.281	0.277					
cg10338787	17	72,931,767	2.66E-07	0.281	0.231				<i>OTOP3</i>	TSS200
cg16863294	X	72,668,847	0.004112	0.281	0.274				<i>CDX4</i>	Body
cg25714115	7	73,895,061	3.41E-05	0.281	0.221				<i>GTF2IRD1</i>	5'UTR
cg10046388	7	129,425,858	8.21E-06	0.281	0.280			Yes		
cg25292098	20	31,446,183	1.2E-13	0.281	0.287				<i>EFCAB8</i>	TSS1500
cg26429925	15	83,953,775	3.64E-05	0.281	0.251				<i>BNC1</i>	TSS1500
cg12431299	2	241,758,282	2.14E-05	0.281	0.291				<i>KIF1A</i>	5'UTR
cg16876823	19	2,987,082	1.15E-12	0.281	0.252				<i>TLE6</i>	Body
cg05673098	3	131,752,709	0.038941	0.281	0.437				<i>CPNE4</i>	5'UTR
cg12359279	21	42,797,953	2.25E-05	0.281	0.179				<i>MX1</i>	TSS200
cg14666113	8	11,561,724	0.019402	0.281	0.285				<i>GATA4</i>	1stExon
cg14684709	13	100,547,249	0.01157	0.281	0.209				<i>CLYBL</i>	3'UTR
cg03408135	1	207,842,833	0.000369	0.281	0.263				<i>CR1L</i>	Body
cg01505878	11	61,690,927	6.33E-15	0.281	0.277					
cg18245316	8	144,962,981	1.37E-21	0.281	0.275					
cg19704853	11	125,133,609	4.19E-18	0.281	0.288				<i>PKNOX2</i>	5'UTR
cg21637392	7	5,735,123	3.32E-06	0.281	0.269				<i>RNF216</i>	Body
cg12654412	16	71,459,826	8.13E-05	0.281	0.271					
cg26035171	17	28,705,464	0.000201	0.281	0.230				<i>CPD</i>	TSS1500
cg23718026	3	16,555,379	0.046323	0.281	0.073				<i>RFTN1</i>	TSS200
cg16408970	10	28,965,584	1.77E-07	0.281	0.221	1.49E-10	0.125		<i>BAMBI</i>	TSS1500
cg09417809	12	115,131,223	0.002265	0.281	0.344					
cg04520169	6	29,894,195	3.6E-05	0.281	0.276				<i>HCG4P6</i>	TSS1500

cg05291374	11	111,847,475	6.63E-07	0.281	0.235				<i>DIXDC1</i>	TSS1500
cg06026468	11	76,315,513	2.79E-13	0.281	0.275					
cg08103988	17	6,558,365	0.002741	0.281	0.316					
cg08762247	17	53,800,372	0.002655	0.281	0.301	1.05E-22	0.268		<i>TMEM100</i>	TSS200
cg05060949	7	156,798,581	0.000396	0.281	0.317				<i>MXN1</i>	Body
cg18367631	7	653,309	1.7E-06	0.281	0.281				<i>PRKAR1B</i>	Body
cg06414921	6	31,276,504	0.030614	0.281	0.242					
cg10494684	17	26,645,200	0.0037	0.281	0.295				<i>TMEM97</i>	TSS1500
cg04182483	10	121,259,610	0.000357	0.281	0.216			Yes	<i>RGS10</i>	3'UTR
cg13480493	9	102,613,887	1.18E-09	0.281	0.255				<i>NR4A3</i>	Body
cg08290076	11	110,581,434	2.05E-05	0.281	0.270				<i>ARHGAP20</i>	Body
cg25685519	14	52,536,721	2.63E-08	0.281	0.270				<i>NID2</i>	TSS1500
cg06480171	2	37,853,482	1.18E-10	0.281	0.270					
cg03120289	1	99,470,550	0.005451	0.281	0.333				<i>LPPR5</i>	TSS200
cg13413982	13	44,868,172	5.98E-17	0.281	0.294					
cg18534491	14	24,641,155	3.98E-12	0.281	0.282				<i>REC8</i>	TSS200
cg04759376	10	77,190,437	5.95E-11	0.281	0.245					
cg05194346	15	101,305,443	1.3E-13	0.281	0.261					
cg09004287	6	10,426,387	3.68E-06	0.281	0.276					
cg26232308	1	18,201,537	1.68E-15	0.281	0.275					
cg23906738	14	36,987,301	0.048421	0.281	0.286				<i>NKX2-1</i>	Body
cg21337832	X	24,665,655	0.025534	0.281	0.256				<i>PCYT1B</i>	Body
cg18750960	2	177,016,417	3.07E-05	0.281	0.266	1.94E-13	0.155		<i>HOXD4</i>	1stExon
cg19237113	1	6,803,800	1.47E-05	0.281	0.295					
cg21596858	1	155,007,254	2.27E-10	0.281	0.230	7.12E-18	0.178		<i>DCST1</i>	Body
cg06721601	7	101,762,633	4.46E-14	0.281	0.254				<i>CUX1</i>	Body
cg19763461	2	63,284,557	2.74E-05	0.281	0.251					
cg21317965	6	50,803,850	4.06E-05	0.281	0.267				<i>TFAP2B</i>	Body
cg25928986	7	96,647,079	2.49E-05	0.281	0.299					
cg10049789	4	8,202,531	4.91E-05	0.281	0.267				<i>SH3TC1</i>	5'UTR
cg18041884	12	109,162,555	0.001531	0.281	0.168					
cg14630933	6	32,076,093	1.86E-06	0.281	0.320				<i>TNXB</i>	5'UTR
cg14769786	17	1,881,333	0.002067	0.281	0.283				<i>RTN4RL1</i>	Body
cg10835584	18	55,108,852	0.030486	0.281	0.307				<i>ONECUT2</i>	Body

cg26391832	2	45,237,929	6.15E-06	0.281	0.216				<i>SIX2</i>	TSS1500
cg22226592	1	109,439,213	5.63E-19	0.281	0.263				<i>GPSM2</i>	Body
cg13409645	19	55,866,261	0.001546	0.281	0.186				<i>COX6B2</i>	TSS200
cg17677030	2	50,575,069	7.73E-06	0.281	0.187				<i>NRXN1</i>	Body
cg25790298	3	172,031,063	6.2E-19	0.281	0.276				<i>FNDC3B</i>	Body
cg02506527	X	39,868,153	2.62E-06	0.281	0.265					
cg26665891	1	204,159,832	0.016445	0.281	0.234				<i>KISS1</i>	Body
cg21210224	15	65,186,306	0.001485	0.281	0.236					
cg27559661	16	57,125,836	0.047286	0.281	0.222				<i>CPNE2</i>	TSS1500
cg03733760	11	69,517,841	1.45E-05	0.281	0.301				<i>FGF19</i>	Body
cg07890839	15	67,359,525	0.000185	0.281	0.187				<i>SMAD3</i>	Body
cg01922613	1	94,560,851	3.41E-11	0.281	0.236				<i>ABCA4</i>	Body
cg12811449	14	60,972,853	1.56E-06	0.280	0.266					
cg17338430	5	170,739,853	0.012617	0.280	0.317					
cg03404566	17	6,899,310	1.65E-06	0.280	0.207				<i>ALOX12</i>	TSS200
cg16137928	6	30,720,491	0.000459	0.280	0.154					
cg03741862	17	63,225,392	0.00089	0.280	0.316					
cg06418113	18	43,915,901	6.76E-19	0.280	0.273				<i>RNF165</i>	Body
cg08599448	19	11,689,614	2.68E-05	0.280	0.276				<i>ACP5</i>	TSS1500
cg06402325	1	85,464,166	2.39E-12	0.280	0.263				<i>MCOLN2</i>	TSS1500
cg19084726	1	145,075,538	2.56E-05	0.280	0.201				<i>PDE4DIP</i>	Body
cg07448795	22	21,368,419	4.6E-05	0.280	0.297				<i>P2RX6</i>	TSS1500
cg11303301	8	144,577,185	9.12E-20	0.280	0.259				<i>ZC3H3</i>	Body
cg19132069	11	124,631,666	1.36E-16	0.280	0.274				<i>ESAM</i>	Body
cg24319171	12	187,480	1.46E-13	0.280	0.230				<i>IQSEC3</i>	Body
cg05857999	6	31,650,760	1.02E-11	0.280	0.290					
cg10617784	2	71,134,586	0.000142	0.280	0.285				<i>VAX2</i>	Body
cg08618463	4	146,467,791	3.1E-13	0.280	0.273				<i>SMAD1</i>	Body
cg23119604	6	30,227,854	1.71E-09	0.280	0.282				<i>HLA-L</i>	Body
cg01636505	14	94,408,232	3.74E-25	0.280	0.249				<i>ASB2</i>	Body
cg03255953	3	127,056,837	3.76E-06	0.280	0.340					
cg19312667	4	25,090,491	0.000619	0.280	0.264					
cg22209929	3	172,394,700	3.68E-12	0.280	0.287				<i>NCEH1</i>	5'UTR
cg08865350	19	408,639	7.7E-06	0.280	0.215				<i>C2CD4C</i>	5'UTR

cg07431286	5	72,526,496	0.024975	0.280	0.273					
cg14328115	11	2,554,562	1.96E-07	0.280	0.270				<i>KCNQ1</i>	Body
cg02666566	6	2,510,173	9.93E-17	0.280	0.260					
cg06452129	16	85,265,566	4.78E-09	0.280	0.222					
cg08961621	21	39,644,244	2.08E-12	0.280	0.247				<i>KCNJ15</i>	5'UTR
cg17495087	8	96,085,689	4.58E-06	0.280	0.263					
cg06638787	6	5,997,243	0.000281	0.280	0.270					
cg07023459	1	113,265,410	1.74E-07	0.280	0.287				<i>FAM19A3</i>	Body
cg16546016	4	121,994,092	3.05E-05	0.280	0.280				<i>C4orf31</i>	TSS1500
cg11225405	1	117,038,246	1.13E-11	0.280	0.285					
cg19388776	3	71,835,112	4.01E-07	0.280	0.258				<i>PROK2</i>	TSS1500
cg26597539	5	40,680,670	0.009299	0.280	0.366				<i>PTGER4</i>	5'UTR
cg03749016	8	23,564,591	0.000439	0.280	0.199				<i>NKX2-6</i>	TSS1500
cg19885625	11	64,815,313	2.15E-05	0.280	0.282				<i>NAALADL1</i>	Body
cg02479497	16	85,548,895	9.18E-06	0.280	0.263					
cg08883078	2	97,291,520	1.62E-10	0.280	0.259				<i>KIAA1310</i>	Body
cg14598478	15	84,363,061	1.35E-07	0.280	0.263				<i>ADAMTSL3</i>	Body
cg10253457	15	101,460,077	0.045617	0.280	0.135				<i>LRRK1</i>	5'UTR
cg19024969	17	32,905,966	0.004037	0.280	0.265				<i>C17orf102</i>	1stExon
cg22928082	20	3,218,522	2.64E-14	0.280	0.257				<i>SLC4A11</i>	TSS200
cg11015893	7	135,433,540	1.02E-09	0.280	0.230				<i>FAM180A</i>	1stExon
cg02816816	4	17,783,356	2.44E-06	0.280	0.257				<i>FAM184B</i>	TSS1500
cg00968638	2	43,450,965	0.002846	0.280	0.224				<i>ZFP36L2</i>	3'UTR
cg06001519	13	23,500,838	0.000804	0.280	0.289					
cg23642827	10	98,751,284	6.07E-18	0.280	0.276					
cg07176692	1	113,500,329	4.84E-05	0.280	0.174				<i>SLC16A1</i>	TSS1500
cg14784372	10	2,951,257	7.63E-08	0.280	0.236					
cg01357135	3	160,475,128	1.02E-09	0.280	0.289				<i>PPM1L</i>	Body
cg25360181	6	43,970,084	0.022306	0.280	0.339				<i>C6orf223</i>	Body
cg10327400	14	42,075,406	2.42E-06	0.280	0.350				<i>LRFN5</i>	TSS1500
cg10809134	2	47,879,734	8.58E-15	0.280	0.274					
cg13012916	14	36,973,691	0.000819	0.280	0.380				<i>SFTA3</i>	Body
cg04422003	7	28,448,295	5.22E-11	0.280	0.258				<i>CREB5</i>	5'UTR
cg10893278	12	54,377,225	0.000206	0.280	0.233					

cg18537730	19	49,250,080	2.97E-08	0.280	0.274					<i>IZUMO1</i>	1stExon
cg22525688	7	74,001,908	2.09E-09	0.280	0.266					<i>GTF2IRD1</i>	Body
cg04689048	19	46,999,289	1E-09	0.280	0.289					<i>PNMAL2</i>	TSS200
cg00503383	1	91,301,651	2.19E-05	0.280	0.320						
cg02853616	4	94,755,787	1.39E-06	0.280	0.282						
cg13736811	19	41,873,930	8.55E-11	0.280	0.263					<i>TMEM91</i>	5'UTR
cg26701289	15	73,611,289	8.22E-05	0.280	0.248						
cg25012961	5	124,034,288	6.55E-09	0.280	0.265					<i>ZNF608</i>	Body
cg01368217	10	127,836,603	0.000166	0.280	0.275					<i>ADAM12</i>	Body
cg23619365	13	112,712,009	0.029174	0.280	0.350						
cg08342194	6	31,683,075	1.03E-09	0.280	0.295					<i>LY6G6E</i>	TSS1500
cg18270378	7	3,284,394	8.57E-13	0.280	0.273						
cg22488857	7	100,489,022	3.78E-05	0.280	0.277					<i>ACHE</i>	Body
cg13813458	17	35,085,134	7.81E-09	0.280	0.289						
cg20041567	6	27,841,067	0.000194	0.280	0.290					<i>HIST1H4L</i>	1stExon
cg08667128	17	29,886,885	0.000868	0.280	0.353					<i>MIR193A</i>	TSS200
cg02340083	1	50,882,006	0.025333	0.280	0.234						
cg03020810	10	102,890,984	0.048272	0.280	0.197					<i>TLX1</i>	TSS200
cg00151370	6	16,323,285	2.98E-20	0.280	0.273					<i>ATXN1</i>	Body
cg13458609	9	130,608,923	1.35E-10	0.280	0.300					<i>ENG</i>	Body
cg13702629	15	66,546,648	1.05E-05	0.280	0.256					<i>MEGF11</i>	TSS1500
cg27646729	12	3,373,764	2.08E-17	0.280	0.251					<i>TSPAN9</i>	Body
cg03543593	6	32,076,417	1.01E-05	0.280	0.323	2.4E-15	0.199	Yes		<i>TNXB</i>	5'UTR
cg04295144	19	10,407,184	6.47E-07	0.280	0.226					<i>ICAM5</i>	Body
cg10149996	X	118,369,686	5.88E-15	0.280	0.248					<i>PGRMC1</i>	TSS1500
cg19879075	10	73,846,858	9.82E-07	0.280	0.321					<i>SPOCK2</i>	Body
cg12830671	10	73,335,297	1.64E-12	0.279	0.263					<i>CDH23</i>	Body
cg23138608	14	91,770,145	2.05E-14	0.279	0.239					<i>CCDC88C</i>	Body
cg02132284	17	15,686,473	3.35E-10	0.279	0.245						
cg09088834	20	25,565,460	1.14E-06	0.279	0.171	1.93E-30	0.240			<i>NINL</i>	5'UTR
cg17265829	4	126,238,422	0.001314	0.279	0.262					<i>FAT4</i>	1stExon
cg11230435	10	30,724,374	8.85E-06	0.279	0.205					<i>MAP3K8</i>	5'UTR
cg14823789	17	72,322,612	5.65E-07	0.279	0.248					<i>KIF19</i>	Body
cg22044566	2	14,772,312	2.17E-08	0.279	0.222					<i>FAM84A</i>	TSS1500

cg00927495	9	96,715,687	8.15E-08	0.279	0.308				<i>BARX1</i>	Body
cg22617819	1	44,378,782	3.52E-16	0.279	0.234				<i>ST3GAL3</i>	Body
cg12110750	19	31,839,577	0.001333	0.279	0.133				<i>TSHZ3</i>	Body
cg11306441	12	54,520,919	0.015777	0.279	0.258				<i>LOC400043</i>	Body
cg20738500	15	89,921,156	0.000125	0.279	0.256				<i>LOC254559</i>	TSS200
cg26459700	10	12,390,907	0.016633	0.279	0.135				<i>CAMK1D</i>	TSS1500
cg05057720	14	38,724,675	7.86E-07	0.279	0.289				<i>CLEC14A</i>	1stExon
cg20780998	X	12,996,931	0.000136	0.279	0.300					
cg23167259	10	102,495,509	0.002678	0.279	0.291					
cg09887284	12	54,388,147	0.01097	0.279	0.332					
cg04524477	17	41,363,597	1.49E-16	0.279	0.266				<i>NBR1</i>	3'UTR
cg05263113	16	47,921,291	0.030478	0.279	0.187					
cg19426827	14	105,191,118	9.57E-08	0.279	0.275	1.63E-27	0.204		<i>ADSSL1</i>	Body
cg01107185	7	138,795,041	7.82E-08	0.279	0.211				<i>ZC3HAV1</i>	TSS1500
cg02409878	8	99,960,498	1.27E-06	0.279	0.283				<i>OSR2</i>	5'UTR
cg23774988	11	128,419,199	2.55E-06	0.279	0.293				<i>ETS1</i>	Body
cg18618206	17	754,296	5.05E-17	0.279	0.266				<i>NXN</i>	Body
cg03702533	15	77,830,579	2.24E-07	0.279	0.273					
cg06776703	19	4,328,759	2.67E-06	0.279	0.286				<i>STAP2</i>	Body
cg13683990	6	33,161,292	0.000382	0.279	0.244				<i>COL11A2</i>	TSS1500
cg02951847	4	41,614,490	5.58E-08	0.279	0.235				<i>LIMCH1</i>	Body
cg20264543	3	128,787,213	3.71E-07	0.279	0.269					
cg01286655	11	12,031,099	0.001139	0.279	0.254				<i>DKK3</i>	TSS1500
cg02718725	1	95,392,925	0.024548	0.279	0.104	2.11E-17	0.174		<i>CNN3</i>	TSS200
cg08509586	11	16,797,315	5.82E-29	0.279	0.257					
cg12892506	3	147,113,918	0.048752	0.279	0.326				<i>ZIC4</i>	Body
cg13570101	5	172,661,859	0.001056	0.279	0.184				<i>NKX2-5</i>	1stExon
cg12910087	4	175,140,004	1.31E-07	0.279	0.270					
cg23972860	1	7,395,024	9.59E-05	0.279	0.168				<i>CAMTA1</i>	Body
cg06649048	6	114,176,811	0.002773	0.279	0.132					
cg04442426	5	37,832,522	1.46E-07	0.279	0.282				<i>GDNF</i>	Body
cg19307545	10	35,028,929	0.000377	0.279	0.178				<i>PARD3</i>	Body
cg23325963	2	45,160,093	1.68E-06	0.279	0.262					
cg00842231	19	11,352,474	6.58E-75	0.279	0.269				<i>LOC55908</i>	3'UTR

cg14189049	15	89,909,748	1.96E-05	0.279	0.259				<i>MIR9-3</i>	TSS1500
cg19708901	1	180,882,655	3.49E-20	0.279	0.268				<i>KIAA1614</i>	Body
cg11213574	22	50,623,692	4.36E-05	0.279	0.288				<i>TRABD</i>	TSS1500
cg16713262	16	79,623,751	0.003743	0.279	0.259					
cg02430645	13	20,989,325	1.81E-15	0.279	0.248				<i>CRYL1</i>	Body
cg04191989	7	630,914	2.7E-09	0.279	0.245				<i>PRKAR1B</i>	Body
cg14957186	10	72,977,773	7.92E-11	0.279	0.262				<i>UNC5B</i>	Body
cg21739530	4	174,186,068	3.17E-07	0.279	0.321				<i>GALNT7</i>	Body
cg16711011	2	568,198	2.47E-09	0.279	0.220					
cg25012739	2	132,058,031	9.39E-09	0.279	0.272					
cg06333719	11	100,557,736	5.52E-07	0.279	0.253				<i>FLJ32810</i>	TSS1500
cg21183256	8	73,163,868	0.016668	0.279	0.315					
cg21333674	8	96,705,765	0.000313	0.279	0.227					
cg06976096	3	87,138,510	0.000414	0.279	0.169					
cg07355157	10	23,385,780	2.9E-10	0.279	0.248				<i>MSRB2</i>	Body
cg26559804	11	128,391,271	6.19E-06	0.279	0.268				<i>ETS1</i>	Body
cg26961808	7	128,470,913	2.73E-05	0.279	0.289				<i>FLNC</i>	1stExon
cg11116274	10	134,334,283	3.75E-16	0.279	0.281					
cg18856581	14	48,145,000	0.009811	0.279	0.342				<i>MDGA2</i>	TSS1500
cg05143530	3	197,439,242	3.56E-07	0.279	0.270				<i>KIAA0226</i>	Body
cg11225090	4	185,276,573	6.15E-05	0.279	0.232					
cg16946997	X	51,076,330	0.037089	0.279	0.129				<i>NUDT10</i>	Body
cg07950002	9	131,465,811	6.87E-08	0.279	0.286				<i>PKN3</i>	Body
cg02575448	5	140,749,735	0.004079	0.279	0.326				<i>PCDHGA4</i>	Body
cg13995427	9	117,134,861	0.000267	0.279	0.288				<i>AKNA</i>	Body
cg02938601	8	22,961,088	0.013187	0.279	0.233				<i>TNFRSF10C</i>	Body
cg23632985	11	20,184,637	0.011687	0.279	0.286					
cg26525342	16	3,221,466	1.14E-09	0.279	0.273					
cg26946821	17	35,292,390	0.001571	0.279	0.229					
cg04164415	18	21,199,797	0.000903	0.279	0.292				<i>ANKRD29</i>	Body
cg20231084	11	130,700,487	6.91E-18	0.279	0.279					
cg23947376	10	27,548,601	5E-11	0.279	0.282					
cg25358289	5	140,012,728	0.011065	0.279	0.331	5.49E-11	0.123		<i>CD14</i>	1stExon
cg00577560	1	15,271,830	1.28E-10	0.279	0.251				<i>KIAA1026</i>	Body

cg26883974	13	20,768,523	1.36E-05	0.279	0.291				<i>GJB2</i>	TSS1500
cg01343424	10	31,073,383	0.003402	0.279	0.141					
cg02082083	1	20,396,560	5.54E-21	0.279	0.276				<i>PLA2G5</i>	TSS200
cg01900413	11	128,419,356	1.56E-09	0.279	0.259				<i>ETS1</i>	Body
cg06668065	5	92,909,069	7.65E-05	0.279	0.212				<i>FLJ42709</i>	Body
cg19822518	3	71,834,840	7.58E-05	0.279	0.295				<i>PROK2</i>	TSS1500
cg23688817	7	87,105,293	5.79E-05	0.279	0.238				<i>ABCB4</i>	TSS1500
cg26797073	2	131,129,811	0.002154	0.279	0.224				<i>PTPN18</i>	Body
cg13643914	4	122,302,226	0.035338	0.279	0.256				<i>QRFPFR</i>	TSS200
cg11293610	21	34,755,681	3.42E-08	0.279	0.297					
cg05608790	7	69,427,388	2.14E-20	0.279	0.289				<i>AUTS2</i>	Body
cg15996397	2	100,831,189	9.67E-15	0.279	0.271					
cg10058779	14	23,821,435	8.73E-08	0.279	0.217				<i>SLC22A17</i>	5'UTR
cg11940040	17	154,420	0.001267	0.279	0.220				<i>RPH3AL</i>	Body
cg27423228	3	43,021,399	4.51E-07	0.279	0.158				<i>FAM198A</i>	Body
cg01529637	20	50,721,911	0.001948	0.278	0.317				<i>ZFP64</i>	Body
cg13818424	17	70,339,099	2.2E-11	0.278	0.285					
cg07724309	6	6,009,556	0.020418	0.278	0.297					
cg15820062	8	23,584,404	0.001439	0.278	0.175					
cg02456451	7	156,871,073	4.55E-07	0.278	0.264					
cg14269807	14	22,191,888	6.14E-13	0.278	0.254					
cg15426660	7	140,347,007	1.7E-12	0.278	0.262					
cg01658421	2	176,945,899	6.01E-06	0.278	0.295				<i>EVX2</i>	Body
cg03949284	6	33,161,333	0.007426	0.278	0.256				<i>COL11A2</i>	TSS1500
cg12254517	12	93,454,991	1.28E-07	0.278	0.291					
cg23551494	17	39,495,535	2.32E-07	0.278	0.252					
cg12143439	5	140,012,660	0.011144	0.278	0.318				<i>CD14</i>	1stExon
cg02332982	12	45,444,420	0.000377	0.278	0.299				<i>DBX2</i>	1stExon
cg18375441	4	123,749,187	0.002678	0.278	0.127				<i>FGF2</i>	Body
cg18444673	19	36,389,500	4.33E-13	0.278	0.224				<i>NFKBID</i>	5'UTR
cg18974921	11	78,131,895	4.36E-10	0.278	0.254					
cg01597398	17	40,250,727	2.2E-22	0.278	0.267					
cg24405179	1	226,411,259	0.002828	0.278	0.350				<i>MIXL1</i>	TSS200
cg13052034	1	66,999,238	0.039357	0.278	0.300				<i>SGIP1</i>	TSS1500



cg23170347	3	64,253,795	1.55E-14	0.278	0.279						
cg15135286	2	33,359,281	1.97E-07	0.278	0.238					<i>LTBP1</i>	Body
cg15361590	5	140,864,701	6.31E-08	0.278	0.262	3.71E-15	0.198			<i>PCDHGA4</i>	Body
cg12691382	11	33,037,792	0.012225	0.278	0.392					<i>DEPDC7</i>	5'UTR
cg22109795	1	210,468,650	2.6E-06	0.278	0.288						
cg21707187	12	54,345,862	0.026484	0.278	0.286						
cg05793013	16	54,546,975	2.9E-108	0.278	0.268						
cg03260566	4	20,256,841	9.57E-08	0.278	0.291					<i>SLIT2</i>	Body
cg16644023	7	27,154,845	2.53E-11	0.278	0.245					<i>HOXA3</i>	5'UTR
cg17042098	1	61,519,631	1E-05	0.278	0.265						
cg03212133	X	135,057,092	5.65E-05	0.278	0.252					<i>MMGT1</i>	TSS1500
cg17922359	4	13,530,923	0.001816	0.278	0.289						
cg18073240	15	40,731,970	4.08E-20	0.278	0.267					<i>BAHD1</i>	TSS1500
cg26392367	17	17,566,891	1.72E-11	0.278	0.275						
cg23901852	4	126,238,384	0.001165	0.278	0.290					<i>FAT4</i>	1stExon
cg07459252	14	37,130,212	0.000143	0.278	0.287					<i>PAX9</i>	5'UTR
cg14976276	6	31,830,630	0.019159	0.278	0.241	4.46E-15	0.236			<i>NEU1</i>	5'UTR
cg03679755	10	101,875,035	0.002338	0.278	0.302						
cg10582860	2	55,347,991	5.74E-15	0.278	0.274						
cg11680055	1	110,230,252	1.2E-05	0.278	0.282					<i>GSTM1</i>	TSS200
cg18927077	14	103,605,358	0.000111	0.278	0.227						
cg25426302	6	32,120,826	0.000713	0.278	0.289	3.65E-22	0.246			<i>PPT2</i>	TSS1500
cg09030672	16	67,197,150	3.94E-05	0.278	0.326					<i>HSF4</i>	TSS200
cg16142306	4	41,258,935	1.52E-06	0.278	0.262					<i>UCHL1</i>	1stExon
cg18311871	7	157,754,600	2.11E-07	0.278	0.214					<i>PTPRN2</i>	Body
cg07145284	11	66,084,631	8.94E-05	0.278	0.229					<i>CD248</i>	TSS200
cg11367159	12	110,044,531	0.010046	0.278	0.284						
cg24942922	3	120,003,547	2.21E-07	0.278	0.232						
cg26544072	6	29,795,992	0.021235	0.278	0.246					<i>HLA-G</i>	Body
cg04396791	11	70,508,180	2.88E-09	0.278	0.276	1.76E-18	0.244			<i>SHANK2</i>	Body
cg13762691	22	17,956,560	2.57E-12	0.278	0.239					<i>CECR2</i>	TSS200
cg20432671	1	167,682,922	3.15E-07	0.278	0.258						
cg14242557	9	114,288,341	2.06E-05	0.278	0.186				Yes	<i>ZNF483</i>	5'UTR
cg06783737	6	26,752,689	0.001387	0.278	0.245						

cg18154567	15	51,464,013	8.15E-20	0.278	0.261					
cg22930859	14	78,108,189	4.33E-07	0.278	0.301					
cg00765686	X	17,545,806	3.06E-05	0.278	0.178				<i>NHS</i>	Body
cg03669282	1	228,566,718	0.01778	0.278	0.316					
cg18825119	6	163,149,453	3.25E-13	0.278	0.232				<i>PACRG</i>	Body
cg04562138	1	53,966,412	1.71E-07	0.278	0.174					
cg16565031	14	70,186,289	5.49E-16	0.278	0.256					
cg02447879	17	79,393,682	0.000289	0.278	0.113				<i>BAHCC1</i>	Body
cg05890377	2	74,357,713	0.001476	0.278	0.315					
cg01903654	5	139,225,955	1.01E-12	0.278	0.288					
cg27582007	1	167,682,788	5.61E-07	0.278	0.256					
cg00541718	7	630,823	6.36E-10	0.278	0.252				<i>PRKAR1B</i>	Body
cg02125316	5	170,878,209	3.28E-34	0.278	0.276				<i>FGF18</i>	Body
cg02629106	2	120,302,419	0.001071	0.278	0.291				<i>PCDP1</i>	5'UTR
cg05027533	2	153,290,479	1.19E-10	0.278	0.285				<i>FMNL2</i>	Body
cg01382864	2	220,174,251	7.79E-06	0.278	0.308				<i>PTPRN</i>	TSS200
cg02643782	3	14,853,225	1.45E-16	0.278	0.262					
cg06993307	16	54,969,051	0.000966	0.278	0.347					
cg08602008	19	48,076,841	3.92E-08	0.278	0.279					
cg25830182	4	85,417,077	0.017973	0.278	0.344				<i>NKX6-1</i>	Body
cg03883228	11	68,778,570	8.35E-06	0.278	0.234				<i>MRGPRF</i>	5'UTR
cg18016826	5	176,560,001	1.24E-05	0.278	0.250				<i>NSD1</i>	TSS200
cg26155697	5	52,150,386	7.29E-15	0.278	0.288				<i>ITGA1</i>	Body
cg24714905	13	100,637,241	0.000407	0.278	0.227				<i>ZIC2</i>	Body
cg01739354	6	170,481,630	0.00014	0.278	0.212					
cg25610702	6	43,276,744	0.011043	0.278	0.234				<i>CRIP3</i>	TSS1500
cg13972124	9	132,539,744	2.46E-05	0.278	0.283					
cg11078221	12	115,135,934	1.76E-08	0.278	0.261					
cg11551216	12	115,125,619	8.78E-05	0.278	0.283					
cg06015781	11	119,613,693	3.39E-07	0.278	0.298					
cg14207728	1	67,217,886	0.003497	0.278	0.265				<i>TCTEX1D1</i>	TSS1500
cg06468454	17	3,591,377	9.52E-08	0.278	0.256				<i>P2RX5</i>	Body
cg26279840	X	153,770,418	2.64E-09	0.278	0.251				<i>IKBK</i>	TSS200
cg07541701	12	54,389,934	1.21E-07	0.278	0.206					

cg25503903	3	138,679,512	0.00156	0.278	0.284						
cg03989273	5	133,468,435	0.007025	0.278	0.240				<i>TCF7</i>	Body	
cg05797224	1	94,277,532	1.2E-13	0.278	0.285						
cg16071681	18	19,925,575	1.18E-06	0.278	0.232						
cg21237418	17	27,045,043	1.77E-06	0.278	0.252	7.41E-27	0.205		<i>RAB34</i>	TSS200	
cg14276286	11	111,782,364	2.15E-11	0.278	0.303				<i>HSPB2</i>	TSS1500	
cg24336398	9	139,236,777	2.73E-13	0.278	0.274				<i>GPSM1</i>	Body	
cg24452128	6	10,390,919	0.000867	0.278	0.317						
cg02700891	3	129,693,586	0.00375	0.278	0.339				<i>TRH</i>	5'UTR	
cg26149244	17	80,329,964	0.026486	0.278	0.353						
cg14586373	22	37,447,398	3.2E-07	0.278	0.200				<i>KCTD17</i>	TSS1500	
cg24030587	8	122,653,639	0.000416	0.278	0.329				<i>HAS2</i>	TSS200	
cg03957885	10	89,855,267	2.34E-09	0.278	0.246						
cg26115633	10	129,535,893	9.06E-11	0.278	0.237				<i>FOXI2</i>	1stExon	
cg04086531	16	49,732,376	9.8E-12	0.278	0.295				<i>ZNF423</i>	Body	
cg09220326	3	45,175,421	2.28E-14	0.278	0.264			Yes	<i>CDCP1</i>	Body	
cg11866303	19	40,732,691	0.005128	0.278	0.119				<i>CNTD2</i>	TSS200	
cg15396367	9	139,972,779	0.005478	0.278	0.168	3.01E-11	0.168		<i>UAP1L1</i>	Body	
cg00740822	19	49,939,611	0.00326	0.278	0.349				<i>SLC17A7</i>	Body	
cg10009830	X	20,134,904	0.004638	0.278	0.253	1.39E-17	0.245		<i>MAP7D2</i>	TSS200	
cg03611487	11	19,737,237	0.000116	0.277	0.290				<i>LOC100126784</i>	TSS1500	
cg05275576	11	130,523,347	2.8E-08	0.277	0.257						
cg16006349	12	54,360,460	5.54E-12	0.277	0.264				<i>HOTAIR</i>	Body	
cg05673966	16	85,431,095	3.46E-15	0.277	0.253						
cg06454951	X	15,683,334	3.1E-05	0.277	0.239				<i>TMEM27</i>	TSS200	
cg05987154	X	3,264,853	0.020248	0.277	0.133				<i>MXRA5</i>	TSS200	
cg08901098	17	66,255,244	0.000368	0.277	0.278				<i>ARSG</i>	TSS200	
cg15309006	16	23,766,116	0.000978	0.277	0.325	3.09E-27	0.260		<i>CHP2</i>	1stExon	
cg24227984	19	4,474,970	2.97E-24	0.277	0.288				<i>HDGF2</i>	Body	
cg22304612	20	2,781,241	3.48E-05	0.277	0.212				<i>CPXM1</i>	5'UTR	
cg02093112	17	6,679,495	0.001827	0.277	0.257				<i>FBXO39</i>	TSS200	
cg17975443	17	59,534,998	4.21E-05	0.277	0.288				<i>TBX4</i>	Body	
cg09446908	22	19,512,320	0.005473	0.277	0.326				<i>CLDN5</i>	1stExon	
cg02454595	15	45,406,534	0.001642	0.277	0.263				<i>DUOXA2</i>	1stExon	

cg15079885	1	32,041,940	7.3E-07	0.277	0.188				<i>TINAGL1</i>	TSS200
cg23415212	17	37,331,429	0.007131	0.277	0.373				<i>CACNB1</i>	3'UTR
cg27467383	22	38,073,472	0.003384	0.277	0.247				<i>LGALS1</i>	Body
cg00018606	2	208,989,425	1.4E-07	0.277	0.261				<i>CRYGD</i>	TSS200
cg00016913	17	27,369,892	9.42E-10	0.277	0.250				<i>PIPOX</i>	TSS200
cg13461890	9	4,793,992	8.84E-16	0.277	0.249				<i>RCL1</i>	Body
cg01481989	2	183,731,169	0.001527	0.277	0.205				<i>FRZB</i>	1stExon
cg00683788	20	1,974,878	2.78E-06	0.277	0.286				<i>PDYN</i>	TSS200
cg17611647	17	75,260,857	8.57E-19	0.277	0.273					
cg21141329	17	48,290,459	4.83E-08	0.277	0.301					
cg06212637	16	67,184,953	0.045953	0.277	0.135				<i>B3GNT9</i>	TSS200
cg16303353	12	2,393,684	3.27E-15	0.277	0.246				<i>CACNA1C</i>	Body
cg14688962	17	66,596,275	9.26E-08	0.277	0.248				<i>FAM20A</i>	Body
cg21192063	7	150,948,686	0.000533	0.277	0.163				<i>SMARCD3</i>	Body
cg01019875	17	6,945,620	0.011917	0.277	0.239				<i>SLC16A11</i>	Body
cg23837799	15	31,684,836	0.002261	0.277	0.300					
cg00348762	16	56,228,114	0.000299	0.277	0.206				<i>DKFZP434H168</i>	Body
cg15544654	1	197,882,295	0.001391	0.277	0.276				<i>LHX9</i>	Body
cg25797887	7	96,627,821	0.000308	0.277	0.319				<i>DLX6AS</i>	Body
cg17670496	6	29,759,972	0.001224	0.277	0.306				<i>HCG4</i>	Body
cg27017658	14	21,093,081	8.28E-05	0.277	0.266					
cg27207079	9	123,656,751	4.61E-15	0.277	0.269					
cg24631482	2	42,329,446	1.48E-05	0.277	0.278					
cg10715265	1	58,715,499	0.009891	0.277	0.263				<i>DAB1</i>	5'UTR
cg01045132	19	11,649,571	8.59E-08	0.277	0.286				<i>CNN1</i>	TSS200
cg07235253	7	99,156,031	0.000188	0.277	0.223				<i>ZNF655</i>	TSS200
cg18705279	16	67,197,129	9.49E-05	0.277	0.317				<i>HSF4</i>	TSS200
cg26407571	12	54,473,534	1.32E-48	0.277	0.254				<i>FLJ12825</i>	Body
cg16868298	7	120,969,033	1.78E-05	0.277	0.245				<i>WNT16</i>	TSS200
cg01145903	5	115,697,588	2.89E-09	0.277	0.273					
cg05626738	19	53,238,413	0.000789	0.277	0.301				<i>ZNF611</i>	TSS200
cg21185686	5	140,810,433	0.000881	0.277	0.308				<i>PCDHGA4</i>	Body
cg16374663	15	41,805,031	0.000278	0.277	0.382				<i>LTK</i>	Body
cg02639108	2	242,711,009	1.44E-12	0.277	0.278					

cg17757602	5	42,952,113	0.000446	0.277	0.272					
cg04164058	15	89,949,694	7.23E-05	0.277	0.315					
cg13717434	9	97,854,044	1.05E-10	0.277	0.247					
cg12377701	X	75,648,992	0.029762	0.277	0.228				<i>MAGEE1</i>	1stExon
cg23786625	10	106,402,741	0.00131	0.277	0.220				<i>SORCS3</i>	Body
cg26677394	6	46,258,880	2.51E-11	0.277	0.303				<i>RCAN2</i>	Body
cg25958283	18	11,752,089	0.042115	0.277	0.406				<i>GNAL</i>	5'UTR
cg02961707	19	7,927,974	3.83E-07	0.277	0.271				<i>EVI5L</i>	Body
cg07694025	4	154,709,441	0.002927	0.277	0.271	7.71E-10	0.122		<i>SFRP2</i>	Body
cg12999366	7	30,499,283	9.18E-09	0.277	0.292				<i>NOD1</i>	5'UTR
cg18724430	15	89,951,787	1.16E-05	0.277	0.230					
cg20325921	8	142,368,332	1.19E-56	0.277	0.278				<i>GPR20</i>	5'UTR
cg11918450	2	33,359,198	1.2E-08	0.277	0.230				<i>LTBP1</i>	Body
cg23414876	16	67,197,396	2.37E-06	0.277	0.311				<i>HSF4</i>	5'UTR
cg05954411	6	28,521,811	0.000128	0.277	0.254					
cg18337222	3	99,595,254	8.71E-13	0.277	0.285				<i>C3orf26</i>	Body
cg23542075	8	91,952,780	2.58E-09	0.277	0.285				<i>NECAB1</i>	Body
cg03950476	1	53,019,814	3.65E-12	0.277	0.238				<i>ZCCHC11</i>	TSS1500
cg07368069	12	107,631,018	6.64E-07	0.277	0.272					
cg21406402	2	121,223,847	6.5E-06	0.277	0.225				<i>LOC84931</i>	Body
cg13518992	18	55,109,119	0.007388	0.277	0.299				<i>ONECUT2</i>	Body
cg01720742	1	22,351,395	0.037982	0.277	0.281				<i>HSPC157</i>	TSS1500
cg27550270	6	117,086,996	5.56E-06	0.277	0.200				<i>FAM162B</i>	TSS200
cg03218396	8	96,377,380	2.08E-06	0.277	0.209					
cg03577944	X	106,694,654	9.86E-08	0.277	0.235					
cg03593578	2	45,028,225	1.57E-09	0.277	0.279					
cg08151292	20	3,758,189	0.002729	0.277	0.091				<i>SPEF1</i>	3'UTR
cg25629790	1	53,527,412	6.1E-18	0.277	0.249				<i>PODN</i>	TSS1500
cg19446165	17	185,756	1.31E-08	0.277	0.256				<i>RPH3AL</i>	5'UTR
cg24723331	12	22,487,219	2.91E-05	0.277	0.265	9.04E-20	0.179		<i>ST8SIA1</i>	5'UTR
cg14689338	5	16,742,054	3.47E-28	0.277	0.271				<i>MYO10</i>	Body
cg21292033	17	75,462,189	3.51E-09	0.277	0.270				<i>SEPT9</i>	Body
cg17203063	12	75,601,711	0.005397	0.277	0.265				<i>KCNC2</i>	Body
cg26477573	19	15,342,915	0.006631	0.277	0.293				<i>EPHX3</i>	1stExon

cg00807464	12	111,618,977	0.016957	0.277	0.150				<i>CUX2</i>	Body
cg00866870	7	107,579,250	4.82E-08	0.277	0.285				<i>LAMB1</i>	Body
cg01033205	8	107,876,626	0.000563	0.277	0.195					
cg01344273	4	110,223,040	3.97E-14	0.277	0.278				<i>COL25A1</i>	Body
cg05193470	8	135,469,552	0.011743	0.277	0.188					
cg04832767	7	96,632,841	0.01063	0.277	0.274				<i>DLX6AS</i>	Body
cg08857310	17	75,567,635	0.000117	0.277	0.203					
cg27649239	15	68,120,393	3.5E-05	0.277	0.287				<i>LBXCOR1</i>	Body
cg18339788	19	41,641,434	1.04E-05	0.277	0.264					
cg26582733	17	47,547,707	1.69E-05	0.277	0.312					
cg06786219	3	124,499,653	0.002506	0.277	0.182				<i>ITGB5</i>	Body
cg12085570	19	8,674,501	0.001725	0.277	0.348				<i>ADAMTS10</i>	5'UTR
cg19138538	11	60,623,415	2.36E-15	0.277	0.250				<i>GPR44</i>	5'UTR
cg11455444	2	121,223,947	1.83E-09	0.277	0.220				<i>LOC84931</i>	TSS200
cg26767632	19	46,526,508	4.52E-15	0.277	0.257				<i>PGLYRP1</i>	TSS200
cg04452432	16	57,406,511	2.23E-15	0.276	0.275				<i>CX3CL1</i>	1stExon
cg00059374	17	21,477,756	3.5E-07	0.276	0.241					
cg18818866	12	50,221,061	1.67E-20	0.276	0.261				<i>NCKAP5L</i>	5'UTR
cg03257341	12	49,375,499	0.023325	0.276	0.369				<i>WNT1</i>	3'UTR
cg08036309	4	13,536,991	1.76E-06	0.276	0.339					
cg14468692	11	504,784	0.00056	0.276	0.214				<i>RNH1</i>	5'UTR
cg17306747	5	1,446,165	2.87E-06	0.276	0.230				<i>SLC6A3</i>	TSS1500
cg11248896	2	177,003,747	1.41E-07	0.276	0.226					
cg04912843	1	78,511,856	0.000272	0.276	0.307				<i>GIPC2</i>	1stExon
cg13279774	X	102,632,528	1.04E-13	0.276	0.257				<i>NGFRAP1</i>	Body
cg21117734	20	9,489,749	9.7E-09	0.276	0.250					
cg19153763	7	27,196,371	1.5E-08	0.276	0.271				<i>HOXA7</i>	TSS200
cg21902772	3	25,468,324	1.56E-13	0.276	0.240				<i>RARB</i>	TSS1500
cg20312971	14	79,746,780	0.001319	0.276	0.275				<i>NRXN3</i>	Body
cg13481132	9	138,606,811	0.004228	0.276	0.203				<i>KCNT1</i>	Body
cg08248285	14	35,182,889	2.73E-06	0.276	0.182				<i>CFL2</i>	1stExon
cg26865446	3	181,438,328	2.21E-07	0.276	0.261				<i>SOX2OT</i>	Body
cg03352287	1	152,488,262	0.030559	0.276	0.272				<i>CRCT1</i>	3'UTR
cg10181330	6	29,818,243	0.00166	0.276	0.367					

cg22955387	X	133,680,468	0.004089	0.276	0.182				<i>MGC16121</i>	Body
cg04954111	11	34,363,786	2.4E-11	0.276	0.233				<i>ABTB2</i>	Body
cg18063495	5	50,262,796	0.00508	0.276	0.299					
cg18167466	1	6,390,473	2.71E-24	0.276	0.269				<i>ACOT7</i>	Body
cg05112555	17	71,739,385	2.19E-05	0.276	0.223					
cg09370982	16	2,547,559	3.32E-07	0.276	0.236				<i>TBC1D24</i>	Body
cg19966212	5	149,792,783	0.003484	0.276	0.103				<i>CD74</i>	TSS1500
cg03225093	5	2,008,713	4.81E-06	0.276	0.288					
cg19789505	1	228,394,509	6.24E-07	0.276	0.215	2.76E-21	0.128		<i>OBSCN</i>	TSS1500
cg20649663	2	197,112,771	6.26E-12	0.276	0.246				<i>HECW2</i>	Body
cg05921579	17	61,776,513	1.63E-11	0.276	0.216				<i>LIMD2</i>	Body
cg20582655	1	156,390,237	0.000417	0.276	0.296				<i>MIR9-1</i>	TSS200
cg03027800	17	7,651,017	4.42E-05	0.276	0.315				<i>DNAH2</i>	Body
cg18588323	15	51,385,891	1.78E-08	0.276	0.269				<i>TNFAIP8L3</i>	Body
cg05882680	17	48,042,605	0.000229	0.276	0.342					
cg11948905	5	53,920,730	1.53E-06	0.276	0.263			Yes		
cg02710296	1	182,921,851	0.004136	0.276	0.196				<i>C1orf14</i>	Body
cg07600533	22	50,986,031	3.11E-05	0.276	0.281				<i>KLHDC7B</i>	TSS1500
cg08278741	19	36,736,477	0.002035	0.276	0.254					
cg14613540	18	61,616,369	0.01909	0.276	0.299				<i>HMSD</i>	TSS1500
cg08227526	4	155,663,529	0.004665	0.276	0.321					
cg06505273	16	24,850,292	1.17E-06	0.276	0.288					
cg06486093	19	51,875,986	2.92E-05	0.276	0.254				<i>NKG7</i>	TSS200
cg17562247	X	119,443,277	0.03199	0.276	0.283				<i>FAM70A</i>	Body
cg21233688	5	134,880,353	1.07E-07	0.276	0.274					
cg02032125	14	101,000,186	2.59E-12	0.276	0.262					
cg14983728	22	35,695,234	8.15E-15	0.276	0.231				<i>TOM1</i>	TSS1500
cg19654743	17	75,446,592	0.000257	0.276	0.175				<i>SEPT9</i>	TSS200
cg24395710	3	58,163,815	0.019815	0.276	0.226					
cg02200207	7	29,605,237	1.43E-14	0.276	0.264				<i>PRR15</i>	5'UTR
cg08747277	6	96,048,126	1.19E-16	0.276	0.275				<i>MANEA</i>	Body
cg22720790	19	58,716,032	1.76E-16	0.276	0.266				<i>ZNF274</i>	Body
cg19456540	14	60,976,285	0.00493	0.276	0.216	6.39E-23	0.238		<i>SIX6</i>	1stExon
cg04115680	7	75,889,229	0.026016	0.276	0.281				<i>SRRM3</i>	Body

cg14555996	9	86,785,905	1.57E-09	0.276	0.304					
cg02679012	17	773,283	0.000265	0.276	0.263				<i>NXN</i>	Body
cg07061260	16	68,676,557	7.62E-07	0.276	0.256					
cg15347342	6	108,490,485	3.08E-09	0.276	0.272				<i>NR2E1</i>	Body
cg23224142	8	37,082,537	2.86E-09	0.276	0.279					
cg26253438	1	203,598,623	0.016698	0.276	0.225				<i>ATP2B4</i>	5'UTR
cg16175263	8	22,960,385	0.002013	0.276	0.208	2.05E-19	0.193		<i>TNFRSF10C</i>	TSS200
cg01404317	13	36,919,819	0.025986	0.276	0.336				<i>SPG20</i>	5'UTR
cg06160973	12	57,522,813	0.049998	0.276	0.117				<i>LRP1</i>	1stExon
cg22490134	10	22,624,847	0.001145	0.276	0.336					
cg06952416	5	142,781,736	0.011897	0.276	0.205				<i>NR3C1</i>	5'UTR
cg15936446	5	42,952,369	1.67E-05	0.276	0.246					
cg06953130	10	11,912,410	1.01E-18	0.276	0.247				<i>C10orf47</i>	3'UTR
cg25923450	3	159,944,518	0.000492	0.276	0.145				<i>LOC401097</i>	3'UTR
cg05987823	12	54,428,592	1.24E-33	0.276	0.257				<i>HOXC4</i>	5'UTR
cg00158528	7	121,956,859	0.00791	0.276	0.358					
cg04053798	12	47,219,705	4.87E-07	0.276	0.235				<i>SLC38A4</i>	1stExon
cg01412762	2	29,751,968	4.98E-05	0.276	0.257				<i>ALK</i>	Body
cg18781966	19	51,523,159	1.06E-13	0.276	0.271				<i>KLK10</i>	5'UTR
cg21237687	17	6,899,380	1.14E-08	0.276	0.204				<i>ALOX12</i>	TSS200
cg00210994	3	99,594,893	0.037827	0.276	0.363				<i>C3orf26</i>	Body
cg16171281	18	73,167,422	0.049291	0.276	0.074					
cg18320111	18	9,400,501	8.92E-16	0.276	0.297				<i>TWSG1</i>	3'UTR
cg09556826	6	28,956,259	6.57E-05	0.276	0.281					
cg01533258	14	95,235,489	0.000616	0.276	0.309				<i>GSC</i>	Body
cg13941760	2	198,063,781	2.95E-06	0.276	0.209				<i>ANKRD44</i>	TSS1500
cg15883716	1	173,638,701	0.001647	0.276	0.202	2.53E-13	0.141		<i>ANKRD45</i>	5'UTR
cg21108215	1	183,791,720	4.98E-19	0.276	0.282				<i>RGL1</i>	Body
cg15085603	19	49,250,252	3.91E-06	0.276	0.279				<i>IZUMO1</i>	TSS200
cg16426714	17	77,773,042	0.048127	0.276	0.202					
cg12287785	6	99,295,470	1.31E-14	0.276	0.240					
cg13305793	1	210,517,139	1.21E-05	0.276	0.174			Yes	<i>HHAT</i>	5'UTR
cg26718213	2	241,976,080	1.81E-11	0.276	0.244				<i>SNED1</i>	Body
cg17265419	2	182,321,489	5.19E-11	0.276	0.239				<i>ITGA4</i>	TSS200



cg25115537	8	123,801,352	0.003682	0.276	0.171				ZHX2	5'UTR
cg00095018	6	36,101,338	8.68E-10	0.276	0.235				MAPK13	Body
cg11859607	18	909,154	0.000225	0.276	0.273				ADCYAP1	Body
cg21383487	10	22,624,094	5.6E-05	0.276	0.330					
cg26723045	11	9,042,581	1.83E-12	0.276	0.269				SCUBE2	3'UTR
cg18283386	8	11,561,728	0.015177	0.276	0.276				GATA4	1stExon
cg08498833	8	134,003,896	4.75E-10	0.276	0.282				TG	Body
cg13786863	11	68,610,743	1.62E-06	0.276	0.271				CPT1A	TSS1500
cg02728483	2	172,965,081	4.54E-05	0.276	0.262				DLX2	3'UTR
cg08055087	6	7,107,129	0.002546	0.276	0.184				RREB1	TSS1500
cg19056772	17	7,341,616	0.003382	0.276	0.283				FGF11	TSS1500
cg08939481	14	21,494,269	0.00011	0.276	0.274				NDRG2	TSS1500
cg25249539	20	56,803,358	9.07E-16	0.276	0.282					
cg07551545	19	39,466,313	0.036589	0.276	0.399				FBXO17	5'UTR
cg16573374	2	97,761,334	2.36E-05	0.276	0.203				FAHD2B	TSS1500
cg18456459	18	9,707,753	4.63E-06	0.276	0.271				RAB31	TSS1500
cg09717261	20	35,579,347	0.00732	0.276	0.099				SAMHD1	Body
cg20824989	2	208,491,939	1.96E-06	0.276	0.277					
cg14637919	2	227,288,327	0.003626	0.275	0.240					
cg18584067	2	64,975,916	1.41E-07	0.275	0.298					
cg26853640	19	38,879,673	0.000396	0.275	0.224	1.22E-25	0.147		SPRED3	TSS1500
cg10137231	14	24,641,021	2.84E-14	0.275	0.281				REC8	TSS1500
cg18205770	5	87,439,353	0.001333	0.275	0.272					
cg23058405	3	105,072,537	2.51E-13	0.275	0.272					
cg12176783	20	62,694,000	4.71E-12	0.275	0.257				TCEA2	TSS200
cg19645639	1	113,500,384	0.000473	0.275	0.169				SLC16A1	TSS1500
cg21497990	7	155,255,122	0.000624	0.275	0.281				EN2	Body
cg16291276	1	208,084,071	0.000543	0.275	0.246				CD34	Body
cg09182533	11	63,775,071	0.045377	0.275	0.246				MACROD1	Body
cg22660370	8	64,132,778	1.86E-05	0.275	0.240					
cg25281029	12	88,969,462	1.68E-06	0.275	0.311				KITLG	Body
cg00107488	22	19,930,437	0.015072	0.275	0.202				COMT	5'UTR
cg14590331	9	138,782,572	2.64E-14	0.275	0.235				CAMSAP1	Body
cg02501410	3	143,255,785	4.72E-15	0.275	0.239				SLC9A9	Body

cg08081805	19	49,242,953	0.011783	0.275	0.275				<i>RASIP1</i>	Body
cg13054419	13	31,438,929	1.77E-09	0.275	0.298					
cg04995717	9	27,109,293	7.34E-17	0.275	0.267	3.46E-15	0.136		<i>TEK</i>	5'UTR
cg11832404	12	65,218,258	0.015356	0.275	0.060					
cg07068761	14	77,505,182	4.48E-15	0.275	0.273					
cg24313303	1	27,113,219	3.49E-07	0.275	0.265				<i>PIGV</i>	TSS1500
cg01264106	22	38,071,602	1.86E-06	0.275	0.305				<i>LGALS1</i>	TSS200
cg01809281	2	24,162,256	4.74E-17	0.275	0.279				<i>UBXN2A</i>	TSS1500
cg06307153	X	134,429,853	4.36E-07	0.275	0.267				<i>ZNF75D</i>	5'UTR
cg20705321	19	10,958,970	1.86E-11	0.275	0.262				<i>C19orf38</i>	TSS200
cg00399175	2	26,395,448	0.002264	0.275	0.168				<i>FAM59B</i>	TSS1500
cg07329360	11	31,841,768	2.85E-05	0.275	0.283					
cg08070022	3	101,497,478	0.000178	0.275	0.189				<i>FAM55C</i>	TSS1500
cg20216139	11	16,632,509	0.000149	0.275	0.259					
cg21358336	17	6,558,440	2.36E-05	0.275	0.275					
cg07185131	2	62,798,365	0.006656	0.275	0.272					
cg04100595	12	27,615,138	3.17E-05	0.275	0.305					
cg20152309	10	36,054,255	0.004547	0.275	0.310					
cg11833001	3	14,852,756	0.008948	0.275	0.313					
cg08924554	4	57,976,775	0.013049	0.275	0.314				<i>IGFBP7</i>	TSS1500
cg21883598	15	45,404,157	0.000621	0.275	0.315				<i>DUOX2</i>	Body
cg00927554	12	95,941,920	5.29E-05	0.275	0.228				<i>USP44</i>	5'UTR
cg03367387	3	197,439,334	2.18E-07	0.275	0.239				<i>KIAA0226</i>	Body
cg25316749	11	111,169,284	1.56E-14	0.275	0.292				<i>C11orf93</i>	TSS1500
cg02599464	6	27,107,097	8.94E-06	0.275	0.256	6.09E-20	0.189		<i>HIST1H2BK</i>	3'UTR
cg03142586	19	58,220,080	0.008386	0.275	0.186				<i>ZNF154</i>	Body
cg09375033	3	137,833,634	1.17E-13	0.275	0.221				<i>DZIP1L</i>	5'UTR
cg16448058	10	102,880,841	0.018644	0.275	0.322				<i>TLX1NB</i>	5'UTR
cg05158538	4	23,891,486	0.004836	0.275	0.307	2.01E-07	0.144		<i>PPARGC1A</i>	Body
cg23771603	10	26,223,310	0.007728	0.275	0.329	1.84E-19	0.265		<i>MYO3A</i>	5'UTR
cg03724964	19	39,465,969	0.007146	0.275	0.301				<i>FBXO17</i>	5'UTR
cg04246763	1	87,617,811	0.01363	0.275	0.272				<i>LOC339524</i>	Body
cg02159731	11	119,613,405	8.78E-05	0.275	0.244					
cg09227563	19	54,984,705	0.00033	0.275	0.257	4.1E-22	0.197		<i>CDC42EP5</i>	TSS1500

cg24105287	2	66,809,985	1.86E-07	0.275	0.260					
cg13211683	8	97,171,827	0.024778	0.275	0.391				<i>GDF6</i>	Body
cg06710648	1	58,716,377	3.09E-11	0.275	0.228	2.94E-16	0.192		<i>DAB1</i>	TSS200
cg01454215	2	27,530,363	0.003671	0.275	0.304				<i>UCN</i>	3'UTR
cg01415937	1	10,134,620	1.91E-08	0.275	0.233				<i>UBE4B</i>	Body
cg14375937	10	94,825,667	0.000447	0.275	0.158				<i>CYP26C1</i>	Body
cg00653790	15	78,031,418	0.000218	0.275	0.282					
cg08773462	16	17,107,610	6.76E-05	0.275	0.261					
cg12640469	1	53,067,717	5.98E-08	0.275	0.266				<i>GPX7</i>	TSS1500
cg18767278	5	1,119,025	1.25E-17	0.275	0.264					
cg16489259	10	32,438,418	1.55E-05	0.275	0.288					
cg10048349	11	111,783,267	0.000007	0.275	0.334				<i>CRYAB</i>	TSS1500
cg12467264	5	175,200,071	0.001048	0.275	0.226					
cg18721420	19	15,121,913	8.75E-05	0.275	0.217				<i>CCDC105</i>	1stExon
cg17991823	18	12,254,473	0.021877	0.275	0.239				<i>CIDEA</i>	Body
cg22810423	1	200,272,180	3.06E-08	0.275	0.263					
cg25032094	17	73,583,839	0.000116	0.275	0.267				<i>MYO15B</i>	TSS1500
cg27132335	8	74,002,760	0.000187	0.275	0.203				<i>C8orf84</i>	Body
cg02094252	10	102,807,849	1.72E-05	0.275	0.258					
cg08508431	17	13,319,838	3.48E-05	0.275	0.252					
cg08900404	7	29,605,808	8.22E-12	0.275	0.266				<i>PRR15</i>	5'UTR
cg26377000	17	33,814,891	6.14E-06	0.275	0.240				<i>SLFN12L</i>	Body
cg15938050	17	68,984,117	3.09E-05	0.275	0.261					
cg03694713	8	23,564,156	0.002706	0.275	0.308				<i>NKX2-6</i>	TSS1500
cg05376617	2	237,145,141	0.001053	0.275	0.234				<i>ASB18</i>	Body
cg09354380	6	106,258,324	2.71E-10	0.275	0.290					
cg14538537	12	6,939,048	6.74E-14	0.275	0.254				<i>LEPREL2</i>	Body
cg18235734	1	91,301,731	0.000116	0.275	0.298					
cg20312077	8	327,768	6.04E-11	0.275	0.242					
cg16842053	7	3,083,333	0.025421	0.275	0.407				<i>CARD11</i>	1stExon
cg19942495	17	32,484,027	4.96E-07	0.275	0.287				<i>ACCN1</i>	TSS1500
cg03231735	16	9,184,099	1.04E-06	0.275	0.214				<i>C16orf72</i>	TSS1500
cg04024827	12	54,454,163	4.76E-08	0.275	0.218				<i>FLJ12825</i>	Body
cg07589393	7	26,984,305	7.96E-16	0.275	0.284					

cg18327056	2	26,915,355	0.00506	0.275	0.164				<i>KCNK3</i>	TSS1500
cg05185926	5	142,602,110	2.16E-12	0.275	0.244				<i>ARHGAP26</i>	3'UTR
cg13833923	14	79,746,627	0.000126	0.275	0.240				<i>NRXN3</i>	Body
cg09983897	16	31,483,285	0.029455	0.275	0.114				<i>TGFB111</i>	TSS1500
cg01606023	12	57,613,744	1.56E-14	0.275	0.256				<i>NXPH4</i>	Body
cg02634222	1	41,944,775	4.63E-09	0.275	0.241				<i>EDN2</i>	3'UTR
cg23514936	7	20,838,523	0.001709	0.275	0.223					
cg14409810	9	140,172,908	1.27E-06	0.275	0.248				<i>C9orf167</i>	5'UTR
cg04311496	1	67,773,719	0.001412	0.275	0.140				<i>IL12RB2</i>	5'UTR
cg03169508	6	28,557,901	1.33E-06	0.275	0.265					
cg07124687	6	28,956,332	5.01E-05	0.275	0.273					
cg03207151	12	54,442,288	9.82E-07	0.275	0.201				<i>HOXC4</i>	5'UTR
cg20072171	3	62,356,962	0.036929	0.275	0.230				<i>FEZF2</i>	Body
cg24306982	1	119,549,312	2.53E-05	0.275	0.335					
cg24810735	8	108,441,547	3.84E-08	0.275	0.292				<i>ANGPT1</i>	Body
cg14014796	2	45,029,977	0.037168	0.275	0.220					
cg23440058	3	124,103,696	1.57E-09	0.275	0.264				<i>KALRN</i>	Body
cg20328588	11	117,747,934	1.03E-12	0.275	0.205				<i>FXD6</i>	5'UTR
cg24947764	4	41,881,359	0.002989	0.275	0.278					
cg15000966	17	73,128,123	0.00024	0.275	0.258				<i>NT5C</i>	TSS1500
cg02918577	15	93,633,145	2.33E-07	0.275	0.265				<i>RGMA</i>	TSS1500
cg09831105	12	99,287,469	7.72E-07	0.275	0.238				<i>ANKS1B</i>	Body
cg07693238	7	99,595,437	0.002898	0.275	0.292					
cg25113157	12	111,537,104	1.01E-10	0.275	0.260				<i>CUX2</i>	Body
cg01563704	6	26,271,816	0.026437	0.274	0.304				<i>HIST1H3G</i>	TSS1500
cg06528645	1	119,534,088	0.000264	0.274	0.346					
cg17214455	6	32,977,138	3.6E-17	0.274	0.272				<i>HLA-DOA</i>	Body
cg04020309	1	247,496,094	0.017203	0.274	0.148				<i>ZNF496</i>	TSS1500
cg20979921	22	37,584,018	0.023857	0.274	0.172				<i>C1QTNF6</i>	Body
cg06745511	4	10,585,774	2.24E-06	0.274	0.250				<i>CLNK</i>	Body
cg15135047	3	72,149,514	0.004016	0.274	0.347					
cg23767994	7	96,621,323	5.3E-09	0.274	0.280				<i>DLX6AS</i>	Body
cg04453471	10	30,726,531	0.000171	0.274	0.210				<i>MAP3K8</i>	5'UTR
cg14631386	8	93,114,305	0.000116	0.274	0.321					

cg02010481	7	28,218,524	1.75E-05	0.274	0.286				<i>JAZF1</i>	Body
cg03811629	5	139,176,077	1.17E-09	0.274	0.254				<i>PSD2</i>	5'UTR
cg07197230	22	17,956,641	6.14E-20	0.274	0.246				<i>CECR2</i>	1stExon
cg07884255	7	33,804,562	9.12E-07	0.274	0.304					
cg15339231	7	96,650,407	2.39E-06	0.274	0.269				<i>DLX5</i>	Body
cg14970515	17	77,816,034	7.32E-10	0.274	0.253					
cg08538034	1	14,928,945	1.27E-09	0.274	0.281				<i>KIAA1026</i>	Body
cg27204474	X	130,191,834	1.17E-05	0.274	0.220				<i>FLJ30058</i>	TSS1500
cg00951972	3	186,490,777	9.19E-06	0.274	0.263					
cg08572565	14	51,298,737	3.02E-06	0.274	0.280				<i>NIN</i>	TSS1500
cg18771553	19	6,710,827	8.98E-05	0.274	0.337				<i>C3</i>	Body
cg26329715	20	61,583,987	1.32E-05	0.274	0.297				<i>SLC17A9</i>	TSS200
cg06481122	15	37,403,088	0.002675	0.274	0.271					
cg11743528	1	218,339,560	0.0021	0.274	0.320					
cg12502577	12	57,615,581	1.61E-08	0.274	0.269				<i>NXPH4</i>	Body
cg08696931	12	123,754,071	0.000653	0.274	0.138				<i>CDK2AP1</i>	Body
cg24981058	11	89,224,736	8.53E-06	0.274	0.317				<i>NOX4</i>	5'UTR
cg02205739	9	132,427,570	7.91E-05	0.274	0.210	6.54E-26	0.159		<i>PRRX2</i>	TSS1500
cg06271652	16	23,144,103	1.72E-09	0.274	0.283				<i>USP31</i>	Body
cg10203211	4	185,018,682	0.009551	0.274	0.244				<i>ENPP6</i>	Body
cg02556634	4	6,449,000	1.86E-09	0.274	0.273				<i>PPP2R2C</i>	Body
cg22925274	14	71,288,210	1.59E-10	0.274	0.235					
cg11660146	11	120,110,688	0.038251	0.274	0.197				<i>POU2F3</i>	TSS1500
cg02878244	11	20,181,911	0.013204	0.274	0.315				<i>DBX1</i>	TSS200
cg06868100	7	29,606,349	1.1E-09	0.274	0.259				<i>PRR15</i>	3'UTR
cg20430047	20	20,257,861	0.000407	0.274	0.199				<i>C20orf26</i>	Body
cg06719900	11	109,292,894	0.000275	0.274	0.316				<i>C11orf87</i>	5'UTR
cg22762844	2	95,692,424	0.004504	0.274	0.194				<i>MAL</i>	Body
cg23090603	17	855,187	7.94E-12	0.274	0.245				<i>NXN</i>	Body
cg09798536	6	28,457,348	0.003406	0.274	0.248					
cg19884658	1	6,664,268	7.2E-16	0.274	0.268	2.48E-16	0.206		<i>KLHL21</i>	TSS1500
cg05133437	15	40,729,033	0.001941	0.274	0.258					
cg27234090	11	119,251,854	0.008449	0.274	0.118	2.84E-13	0.176		<i>USP2</i>	5'UTR
cg10519140	6	44,187,076	0.005268	0.274	0.191	1.2E-15	0.172		<i>SLC29A1</i>	TSS200

cg26517376	10	126,428,818	2.48E-12	0.274	0.252				<i>FAM53B</i>	5'UTR
cg17862152	1	203,044,930	0.004417	0.274	0.156				<i>PPFIA4</i>	Body
cg08545129	7	117,854,304	4.15E-05	0.274	0.230					
cg13519035	12	34,261,006	5.49E-08	0.274	0.236					
cg18592447	3	32,857,857	0.001539	0.274	0.287					
cg27122213	14	57,274,763	0.027745	0.274	0.321				<i>OTX2</i>	5'UTR
cg20615910	6	11,607,923	1.41E-20	0.274	0.268					
cg02516419	12	47,771,422	2.17E-11	0.274	0.283					
cg01020696	2	27,958,142	3.1E-05	0.274	0.208					
cg03393769	2	54,611,906	0.000607	0.274	0.245			Yes		
cg14577707	4	184,797,463	2.2E-05	0.274	0.265					
cg13149442	18	43,303,777	1.12E-14	0.274	0.261				<i>SLC14A1</i>	TSS1500
cg19776616	7	129,425,330	3.81E-06	0.274	0.283					
cg04357965	5	77,945,347	0.000102	0.274	0.209				<i>LHFPL2</i>	TSS1500
cg19697239	12	752,646	3.19E-05	0.274	0.218				<i>NINJ2</i>	Body
cg21960624	19	35,085,474	1.28E-10	0.274	0.271				<i>SCGBL</i>	1stExon
cg18891712	6	76,059,576	0.044855	0.274	0.183				<i>FILIP1</i>	Body
cg13038216	15	33,487,120	0.020276	0.274	0.176					
cg12650635	12	50,344,463	1.38E-18	0.274	0.255	5.03E-14	0.088		<i>AQP2</i>	TSS200
cg04059568	7	157,486,012	2.22E-05	0.274	0.302				<i>PTPRN2</i>	Body
cg17093485	1	149,294,708	0.007282	0.274	0.403					
cg21051519	5	137,225,191	0.040015	0.274	0.186				<i>PKD2L2</i>	1stExon
cg21550483	17	6,984,106	2.32E-05	0.274	0.233	2.37E-18	0.223		<i>CLEC10A</i>	TSS1500
cg23999932	4	54,976,184	5.67E-09	0.274	0.275					
cg07144296	1	182,584,520	0.025787	0.274	0.172					
cg13115683	6	29,943,460	3.09E-06	0.274	0.277				<i>HCG9</i>	Body
cg12144100	7	157,890,277	4.32E-10	0.274	0.250				<i>PTPRN2</i>	Body
cg11676189	2	69,875,470	2.77E-17	0.274	0.259					
cg12374123	15	45,406,327	5.88E-05	0.274	0.267				<i>DUOX2</i>	5'UTR
cg13437581	18	44,777,799	0.001761	0.274	0.251					
cg05764238	1	16,536,990	5.08E-10	0.274	0.278				<i>ARHGEF19</i>	5'UTR
cg09164580	8	97,157,878	1.13E-05	0.274	0.253				<i>GDF6</i>	Body
cg14550519	17	58,180,026	1.37E-05	0.274	0.248				<i>LOC653653</i>	Body
cg24484138	20	31,070,190	5.38E-05	0.274	0.203				<i>C20orf112</i>	5'UTR

cg02315489	2	24,398,859	4.25E-12	0.274	0.279				<i>C2orf84</i>	Body
cg04364728	1	845,810	3.31E-06	0.274	0.262					
cg07350470	4	4,765,329	2.5E-07	0.274	0.251					
cg09240763	2	200,330,851	1.19E-06	0.274	0.272					
cg22172038	1	231,176,991	1.25E-05	0.274	0.214				<i>FAM89A</i>	TSS1500
cg18201679	1	149,672,149	5.34E-08	0.274	0.259					
cg04169747	Y	2,655,740	1.35E-05	0.274	0.306				<i>SRY</i>	5'UTR
cg11660879	19	13,319,417	2.96E-06	0.274	0.256				<i>CACNA1A</i>	Body
cg13729210	5	3,606,561	1.13E-07	0.274	0.276					
cg16670554	15	68,118,985	0.000473	0.274	0.299				<i>LBXCOR1</i>	Body
cg12858577	17	75,385,278	7.8E-07	0.274	0.301				<i>SEPT9</i>	5'UTR
cg18372930	5	137,939,469	2.89E-12	0.274	0.282					
cg02544037	12	68,759,069	0.000877	0.274	0.205					
cg13735819	19	2,253,850	1.29E-10	0.274	0.270				<i>JSRP1</i>	Body
cg25928819	12	133,484,026	1.35E-05	0.274	0.270					
cg12744859	17	46,669,492	5.84E-14	0.274	0.260				<i>LOC404266</i>	TSS200
cg16758598	4	106,729,791	1.39E-16	0.274	0.264				<i>GSTCD</i>	Body
cg05336698	10	102,497,298	0.02819	0.274	0.240					
cg01804193	12	63,026,212	0.006191	0.274	0.205					
cg08286219	21	38,580,802	2.56E-18	0.274	0.268				<i>DSCR9</i>	TSS200
cg00307214	14	69,726,319	0.010566	0.274	0.127				<i>GALNTL1</i>	TSS1500
cg20820107	1	12,193,099	0.000371	0.274	0.176				<i>TNFRSF8</i>	5'UTR
cg10189135	16	67,516,162	1.7E-18	0.273	0.238				<i>ATP6V0D1</i>	TSS1500
cg19448822	6	29,974,773	1.83E-10	0.273	0.262				<i>HLA-J</i>	Body
cg27339550	7	6,654,880	0.000873	0.273	0.259				<i>ZNF853</i>	TSS1500
cg19270505	1	25,256,705	0.044552	0.273	0.242				<i>RUNX3</i>	1stExon
cg01521258	1	64,937,528	0.000123	0.273	0.260				<i>CACHD1</i>	Body
cg05817845	20	42,816,226	2.41E-07	0.273	0.235				<i>JPH2</i>	TSS200
cg09667289	15	33,165,563	0.043314	0.273	0.167				<i>FMN1</i>	Body
cg06726820	3	139,259,742	1.58E-12	0.273	0.246				<i>RBP1</i>	TSS1500
cg01808736	5	219,908	2.62E-15	0.273	0.260				<i>SDHA</i>	Body
cg12260798	6	26,240,519	0.000838	0.273	0.282				<i>HIST1H4F</i>	TSS200
cg23667127	12	1,739,917	1.05E-08	0.273	0.254				<i>WNT5B</i>	5'UTR
cg25283465	1	111,323,341	0.000216	0.273	0.291					

cg00324725	16	56,581,212	3.84E-10	0.273	0.250					
cg21962450	18	24,444,196	4.85E-10	0.273	0.269				<i>AQP4</i>	Body
cg22274813	21	38,067,101	0.007413	0.273	0.305					
cg03697809	X	106,750,775	3.06E-07	0.273	0.250					
cg26348226	1	21,617,442	4.98E-07	0.273	0.211				<i>ECE1</i>	TSS1500
cg15200418	7	4,755,010	2.27E-17	0.273	0.247				<i>FOXK1</i>	Body
cg10764101	2	241,374,174	4.95E-07	0.273	0.234				<i>GPC1</i>	TSS1500
cg18110483	5	79,330,959	5.32E-06	0.273	0.225	8.05E-08	0.147		<i>THBS4</i>	TSS200
cg07576175	19	59,049,843	0.021694	0.273	0.317					
cg00705059	1	244,080,368	9.31E-05	0.273	0.194					
cg12991050	5	87,979,504	0.00061	0.273	0.305				<i>LOC645323</i>	Body
cg13493766	9	97,365,869	0.013946	0.273	0.183				<i>FBP1</i>	Body
cg17980508	1	79,085,713	0.000694	0.273	0.221	0.00000452	0.102		<i>IFI44L</i>	TSS1500
cg03562044	19	15,342,749	0.032796	0.273	0.269				<i>EPHX3</i>	Body
cg09086442	6	168,079,212	0.000205	0.273	0.202					
cg26824216	3	187,086,147	0.016344	0.273	0.087				<i>RTP4</i>	TSS200
cg03573446	20	55,841,893	0.020685	0.273	0.153				<i>BMP7</i>	TSS200
cg15385139	6	29,595,506	6.53E-05	0.273	0.238				<i>GABBR1</i>	Body
cg19451167	7	96,655,981	2.9E-15	0.273	0.259					
cg11510586	9	72,027,409	0.04788	0.273	0.335					
cg25681728	2	233,153,284	1.88E-21	0.273	0.263				<i>DIS3L2</i>	Body
cg23681866	6	29,895,175	0.000001	0.273	0.244					
cg17632299	13	53,312,966	0.028725	0.273	0.154				<i>LECT1</i>	Body
cg26470101	2	173,099,597	0.006355	0.273	0.227					
cg18141622	2	238,525,524	1.2E-07	0.273	0.277					
cg04109923	13	28,495,600	0.00242	0.273	0.237				<i>PDX1</i>	Body
cg09468836	19	55,889,611	1.61E-07	0.273	0.251				<i>TMEM190</i>	3'UTR
cg22617773	6	29,521,751	0.028351	0.273	0.216					
cg06607764	17	76,719,635	0.000111	0.273	0.323				<i>CYTH1</i>	Body
cg07842862	2	73,299,145	0.003954	0.273	0.210				<i>SFXN5</i>	TSS200
cg24129589	5	1,008,558	2.78E-05	0.273	0.186				<i>NKD2</i>	TSS1500
cg19815596	1	201,583,478	3.43E-07	0.273	0.230					
cg01346501	17	38,254,714	3.21E-05	0.273	0.267				<i>NR1D1</i>	Body
cg01965476	15	40,530,997	5.4E-09	0.273	0.225				<i>PAK6</i>	5'UTR



cg00914726	1	60,539,400	1.55E-07	0.273	0.243				<i>C1orf87</i>	1stExon
cg01876130	2	97,308,580	1.17E-13	0.273	0.255				<i>FER1L5</i>	1stExon
cg11548446	2	28,867,073	1.07E-09	0.273	0.271					
cg00947032	13	36,919,960	0.012955	0.273	0.286				<i>SPG20</i>	5'UTR
cg27424370	X	23,350,651	0.014134	0.273	0.164					
cg04075781	3	54,154,438	1.46E-10	0.273	0.224					
cg01602621	19	11,689,813	8.79E-05	0.273	0.263				<i>ACP5</i>	TSS1500
cg14375499	17	6,899,207	1.84E-08	0.273	0.212				<i>ALOX12</i>	TSS200
cg15442678	3	79,065,762	3.34E-07	0.273	0.222				<i>ROBO1</i>	Body
cg23397741	17	35,014,588	0.009014	0.273	0.200					
cg01010211	22	17,956,453	1.21E-13	0.273	0.255				<i>CECR2</i>	TSS200
cg19836199	21	36,421,941	0.021779	0.273	0.143				<i>RUNX1</i>	TSS1500
cg18442286	11	59,333,608	0.001911	0.273	0.269					
cg14805347	15	58,357,879	0.022145	0.273	0.293				<i>ALDH1A2</i>	5'UTR
cg11071682	1	210,411,064	0.00178	0.273	0.314				<i>SERTAD4</i>	5'UTR
cg27634344	4	188,917,251	1.86E-12	0.273	0.261				<i>ZFP42</i>	5'UTR
cg19411146	6	152,128,471	0.030037	0.273	0.143				<i>ESR1</i>	TSS1500
cg23497436	19	55,767,121	9.25E-10	0.273	0.239				<i>SAPS1</i>	5'UTR
cg05253480	3	9,944,537	1.04E-05	0.273	0.286				<i>IL17RE</i>	1stExon
cg26189983	1	12,227,700	2.59E-09	0.273	0.266	4.79E-16	0.164		<i>TNFRSF1B</i>	Body
cg23278196	12	54,071,111	0.014248	0.273	0.254				<i>ATP5G2</i>	TSS1500
cg06687640	5	159,560,692	1.14E-05	0.273	0.260					
cg13019143	7	96,633,060	1.35E-07	0.273	0.233				<i>DLX6AS</i>	Body
cg01498231	10	73,847,259	0.002285	0.273	0.301				<i>SPOCK2</i>	Body
cg03445151	2	23,516,881	0.045292	0.273	0.338					
cg13588086	9	6,644,369	0.001637	0.273	0.307				<i>GLDC</i>	Body
cg23309670	6	36,756,830	2.95E-05	0.273	0.299				<i>CPNE5</i>	Body
cg12184886	17	73,584,029	3.58E-06	0.273	0.256				<i>MYO15B</i>	TSS200
cg04295543	1	244,080,447	7.56E-11	0.273	0.234					
cg06069187	17	26,698,283	0.000234	0.273	0.189				<i>SARM1</i>	TSS1500
cg25077778	14	51,562,591	0.000264	0.273	0.178				<i>TRIM9</i>	TSS200
cg14417784	2	131,009,681	8.92E-06	0.273	0.245					
cg21848191	14	68,607,773	4.32E-12	0.273	0.257				<i>RAD51L1</i>	Body
cg09626867	3	45,053,351	2.54E-06	0.273	0.299				<i>EXOSC7</i>	Body

cg23363754	7	29,606,082	4.72E-11	0.273	0.262				<i>PRR15</i>	Body
cg03760483	17	6,899,297	1.34E-06	0.273	0.194	1.65E-18	0.235		<i>ALOX12</i>	TSS200
cg04875041	1	12,514,747	2.99E-11	0.273	0.260				<i>VPS13D</i>	Body
cg21011616	2	177,015,992	1.53E-07	0.273	0.239				<i>HOXD4</i>	TSS200
cg25951981	4	46,995,743	2.03E-07	0.273	0.313				<i>GABRA4</i>	TSS200
cg18786873	1	110,610,899	2.36E-07	0.273	0.289				<i>ALX3</i>	Body
cg13604445	9	116,342,046	6.51E-20	0.273	0.251				<i>RGS3</i>	Body
cg16657152	8	125,784,769	0.014437	0.273	0.248					
cg08256939	1	112,058,236	5.3E-22	0.273	0.244				<i>ADORA3</i>	Body
cg25436127	X	36,976,108	5.25E-09	0.273	0.286					
cg02286091	5	78,407,678	7.71E-10	0.273	0.275				<i>BHMT</i>	5'UTR
cg09262171	16	4,140,361	0.000447	0.273	0.201				<i>ADCY9</i>	Body
cg17580045	12	4,384,890	0.01391	0.273	0.349	7.87E-27	0.202		<i>CCND2</i>	Body
cg03594515	3	129,346,178	0.003643	0.273	0.287					
cg10821050	7	155,603,913	0.014283	0.273	0.170				<i>SHH</i>	Body
cg25611756	2	65,086,991	3.72E-06	0.273	0.213					
cg02619661	12	116,036,878	2.18E-05	0.273	0.213					
cg12257156	7	158,823,799	2.24E-06	0.273	0.236				<i>VIPR2</i>	Body
cg07419680	X	134,429,972	1.95E-06	0.273	0.266				<i>ZNF75D</i>	5'UTR
cg13964726	9	71,062,328	5.69E-11	0.273	0.238				<i>PGM5</i>	Body
cg02825977	10	94,825,848	1.86E-05	0.273	0.164				<i>CYP26C1</i>	Body
cg20741105	7	43,686,889	3.19E-07	0.273	0.275				<i>C7orf44</i>	Body
cg11923296	3	149,374,285	2.37E-21	0.273	0.262			Yes	<i>WWTR1</i>	Body
cg00760729	2	161,236,088	2.93E-08	0.273	0.260				<i>RBMS1</i>	Body
cg01581084	8	99,961,874	4.1E-08	0.273	0.277				<i>OSR2</i>	Body
cg20165694	13	30,077,315	7.55E-06	0.272	0.195				<i>MTUS2</i>	Body
cg11505661	12	57,618,965	1.84E-08	0.272	0.293				<i>NXPH4</i>	Body
cg13781744	1	43,250,691	1.25E-10	0.272	0.259					
cg00067414	6	151,188,081	0.000835	0.272	0.204				<i>MTHFD1L</i>	Body
cg11312495	5	115,697,370	3.91E-11	0.272	0.279					
cg12147622	10	74,021,432	7.05E-16	0.272	0.260					
cg16745616	19	8,428,856	0.002453	0.272	0.168	1.27E-14	0.104		<i>ANGPTL4</i>	TSS200
cg02228185	17	3,379,567	2.47E-05	0.272	0.294	6.45E-10	0.087		<i>ASPA</i>	1stExon
cg11377730	8	17,270,604	0.001178	0.272	0.268				<i>MTMR7</i>	Body

cg09530163	16	55,512,822	3.63E-13	0.272	0.236				<i>MMP2</i>	TSS1500
cg09316122	1	228,195,522	0.007666	0.272	0.344				<i>WNT3A</i>	Body
cg23807890	2	228,736,357	0.010026	0.272	0.302				<i>WDR69</i>	1stExon
cg02824888	12	115,129,011	0.032664	0.272	0.391					
cg20549620	2	220,970,010	6.74E-07	0.272	0.217					
cg24257776	3	47,051,546	1.6E-17	0.272	0.264				<i>LOC100129354</i>	TSS1500
cg03231163	19	39,360,465	0.018371	0.272	0.269				<i>RINL</i>	Body
cg13769548	19	54,984,708	0.000218	0.272	0.278				<i>CDC42EP5</i>	TSS1500
cg20799268	8	142,275,649	0.007588	0.272	0.259					
cg23286646	21	38,120,350	0.000371	0.272	0.217				<i>SIM2</i>	Body
cg00397986	8	11,561,593	3.4E-06	0.272	0.238				<i>GATA4</i>	TSS200
cg22233974	1	39,546,511	1.52E-14	0.272	0.266	2.26E-23	0.174		<i>MACF1</i>	TSS1500
cg26905768	7	34,098,803	1.74E-06	0.272	0.214				<i>BMPER</i>	Body
cg07204280	18	12,254,551	0.034608	0.272	0.294				<i>CIDEA</i>	Body
cg01975591	X	9,432,530	3.94E-06	0.272	0.266				<i>TBL1X</i>	5'UTR
cg24322131	21	45,971,503	0.005129	0.272	0.247				<i>KRTAP10-2</i>	TSS200
cg10988628	10	135,160,697	3.33E-08	0.272	0.231				<i>PRAP1</i>	TSS200
cg14624546	11	8,800,270	2.95E-21	0.272	0.255				<i>ST5</i>	5'UTR
cg00035316	2	176,993,017	3.36E-05	0.272	0.242				<i>HOXD8</i>	TSS1500
cg00901982	2	70,257,298	1.73E-05	0.272	0.267					
cg02282774	5	50,264,516	0.006778	0.272	0.298					
cg21325485	7	158,364,932	1.51E-19	0.272	0.269				<i>PTPRN2</i>	Body
cg16801374	12	102,872,708	0.00014	0.272	0.236				<i>IGF1</i>	Body
cg17479501	17	80,806,191	0.000142	0.272	0.304				<i>TBCD</i>	Body
cg02583633	2	175,192,013	1.07E-09	0.272	0.253					
cg24345062	2	200,334,439	0.000367	0.272	0.286				<i>FLJ32063</i>	Body
cg18827954	4	5,053,585	0.001058	0.272	0.252				<i>STK32B</i>	1stExon
cg25740565	2	200,335,101	5.56E-06	0.272	0.277				<i>FLJ32063</i>	Body
cg10192893	4	41,747,895	0.02918	0.272	0.297				<i>PHOX2B</i>	Body
cg20034792	6	29,521,781	0.000219	0.272	0.259					
cg05097306	10	45,374,683	8.75E-13	0.272	0.237					
cg13652008	2	33,359,356	0.000197	0.272	0.190				<i>LTBP1</i>	Body
cg18096987	3	11,623,873	0.002763	0.272	0.216				<i>VGLL4</i>	Body
cg00028211	2	45,028,802	1.5E-07	0.272	0.275					

cg10416963	4	121,844,401	0.000916	0.272	0.145				<i>PRDM5</i>	TSS1500
cg11179081	6	27,107,756	8.3E-08	0.272	0.262				<i>HIST1H2BK</i>	3'UTR
cg20377305	7	96,650,668	3.47E-10	0.272	0.272				<i>DLX5</i>	Body
cg01296889	3	54,122,032	1.93E-08	0.272	0.277					
cg25349034	3	149,265,300	3.67E-08	0.272	0.261				<i>WWTR1</i>	Body
cg01551350	1	160,951,675	0.000207	0.272	0.289					
cg20653955	7	6,566,649	3.62E-09	0.272	0.227				<i>GRID2IP</i>	Body
cg10966582	1	17,085,860	1.03E-08	0.272	0.263				<i>MST1P9</i>	Body
cg03464514	7	137,028,442	0.0034	0.272	0.191				<i>PTN</i>	5'UTR
cg01481159	20	21,489,196	0.003721	0.272	0.390					
cg04886703	1	45,250,266	9.38E-05	0.272	0.310				<i>BEST4</i>	Body
cg23715700	19	16,188,274	0.002466	0.272	0.285				<i>TPM4</i>	Body
cg05942508	11	113,846,922	9.72E-06	0.272	0.208				<i>HTR3A</i>	Body
cg20000562	14	36,978,633	0.004953	0.272	0.390				<i>SFTA3</i>	Body
cg26784201	5	150,050,950	5.44E-08	0.272	0.258				<i>MYOZ3</i>	Body
cg02081701	2	139,537,197	0.045428	0.272	0.327				<i>NXPH2</i>	Body
cg23175074	10	105,212,490	9.23E-07	0.272	0.255				<i>CALHM2</i>	TSS1500
cg04770088	17	63,225,020	0.016222	0.272	0.330					
cg16389399	11	43,603,991	8.35E-05	0.272	0.265					
cg19917412	11	64,815,189	1.06E-06	0.272	0.249				<i>NAALADL1</i>	Body
cg24572745	3	112,932,345	6.56E-05	0.272	0.294				<i>BOC</i>	5'UTR
cg27099262	12	20,263,199	3.47E-13	0.272	0.275					
cg00876332	Y	21,664,717	0.001694	0.272	0.251				<i>BCORL2</i>	Body
cg02951552	1	156,051,441	0.039719	0.272	0.105				<i>MEX3A</i>	1stExon
cg05436658	16	23,847,568	0.000289	0.272	0.191	5.88E-15	0.219		<i>PRKCB</i>	1stExon
cg15978561	2	240,196,996	1.87E-07	0.272	0.241				<i>HDAC4</i>	Body
cg06907680	14	91,580,129	0.002825	0.272	0.158				<i>C14orf159</i>	TSS1500
cg24654177	15	58,791,257	3.53E-29	0.272	0.263				<i>LIPC</i>	Body
cg06012347	11	65,066,368	6.44E-12	0.272	0.273					
cg25622366	2	63,281,139	2.4E-05	0.272	0.266				<i>OTX1</i>	Body
cg25881804	20	21,081,901	0.0118	0.272	0.251					
cg12462816	6	127,836,107	6.82E-05	0.272	0.244				<i>C6orf174</i>	Body
cg15028458	3	58,860,290	4.77E-09	0.272	0.281				<i>C3orf67</i>	Body
cg18526008	3	177,076,224	0.007214	0.272	0.364					

cg08547691	17	9,143,754	7.34E-05	0.272	0.235				<i>NTN1</i>	3'UTR
cg20973210	19	2,282,729	1.76E-07	0.272	0.258				<i>C19orf35</i>	TSS1500
cg00668426	X	102,319,340	0.004854	0.272	0.256				<i>BEX1</i>	TSS200
cg05385377	1	15,480,844	5.16E-08	0.272	0.255	8.42E-27	0.182		<i>TMEM51</i>	5'UTR
cg12284802	15	79,723,655	7.15E-05	0.272	0.183				<i>KIAA1024</i>	TSS1500
cg07813142	2	171,573,223	0.000472	0.272	0.230				<i>SP5</i>	Body
cg07042104	20	34,206,951	0.000155	0.272	0.206				<i>SPAG4</i>	Body
cg04231042	4	54,729,555	1.46E-17	0.272	0.256					
cg00627029	17	72,322,791	0.00021	0.272	0.295				<i>KIF19</i>	Body
cg12014547	11	20,692,092	0.018282	0.272	0.260				<i>NELL1</i>	Body
cg10372188	11	117,748,169	2.91E-06	0.272	0.211				<i>FXYD6</i>	TSS1500
cg00587922	6	30,651,601	1.82E-09	0.272	0.262				<i>KIAA1949</i>	Body
cg14469436	3	127,441,359	4.72E-19	0.272	0.260				<i>MGLL</i>	Body
cg24079361	13	44,948,039	0.019047	0.272	0.310				<i>SERP2</i>	1stExon
cg21504815	6	27,791,876	0.003761	0.272	0.219				<i>HIST1H4J</i>	TSS200
cg16814483	1	146,550,074	8.49E-05	0.272	0.307					
cg01942863	7	99,769,432	0.021957	0.272	0.221				<i>GPC2</i>	Body
cg22559034	5	92,910,534	1.79E-06	0.272	0.236				<i>FLJ42709</i>	Body
cg15986276	14	101,176,310	0.023891	0.272	0.207					
cg17880014	2	71,693,165	0.002205	0.272	0.335				<i>DYSF</i>	TSS1500
cg23217622	1	156,405,438	6.49E-05	0.272	0.268					
cg00495860	21	38,065,524	0.029122	0.272	0.323					
cg09989996	1	753,376	6.74E-05	0.272	0.200					
cg05804047	4	77,752,568	1.46E-10	0.271	0.279					
cg03474202	17	45,855,739	1.23E-06	0.271	0.250					
cg03535793	12	3,862,594	0.000135	0.271	0.236				<i>EFCAB4B</i>	TSS1500
cg06352750	2	192,711,926	0.000459	0.271	0.300	2.77E-21	0.185		<i>SDPR</i>	5'UTR
cg22904048	4	6,665,672	4.04E-18	0.271	0.279					
cg23732608	20	20,180,469	1.33E-06	0.271	0.211				<i>C20orf26</i>	Body
cg03113038	16	85,181,211	2.37E-09	0.271	0.222					
cg23537887	3	54,157,647	0.000415	0.271	0.211				<i>CACNA2D3</i>	Body
cg01679516	18	30,352,505	2.73E-05	0.271	0.275				<i>KLHL14</i>	5'UTR
cg06459000	11	111,411,199	0.000247	0.271	0.247				<i>LAYN</i>	TSS200
cg01400468	2	54,087,469	7.47E-07	0.271	0.241				<i>GPR75</i>	TSS1500

cg19718309	14	100,632,904	0.013777	0.271	0.355					
cg01559726	3	54,157,894	0.005994	0.271	0.252				<i>CACNA2D3</i>	Body
cg00503866	1	39,546,656	9.82E-13	0.271	0.264				<i>MACF1</i>	TSS1500
cg07553115	X	107,976,167	0.013471	0.271	0.350				<i>IRS4</i>	1stExon
cg19499884	10	102,760,724	1.53E-05	0.271	0.285				<i>LZTS2</i>	5'UTR
cg17291251	10	49,678,358	2.31E-09	0.271	0.265				<i>ARHGAP22</i>	Body
cg23010048	19	52,391,257	0.00515	0.271	0.232				<i>ZNF577</i>	TSS200
cg25499067	8	23,559,988	6.76E-09	0.271	0.266				<i>NKX2-6</i>	Body
cg05904716	5	179,779,205	4.86E-06	0.271	0.261				<i>GFPT2</i>	Body
cg01824919	1	116,711,339	4.74E-06	0.271	0.225					
cg09844474	6	33,161,276	0.000631	0.271	0.229				<i>COL11A2</i>	TSS1500
cg15384383	10	99,798,415	2.3E-06	0.271	0.265					
cg15661311	11	504,551	9.46E-05	0.271	0.218				<i>RNH1</i>	5'UTR
cg12737152	11	129,565,909	3.66E-05	0.271	0.269					
cg15545035	12	28,128,288	0.001358	0.271	0.208					
cg00249032	20	43,975,752	0.029576	0.271	0.137				<i>SDC4</i>	Body
cg01637175	17	21,281,507	1.77E-29	0.271	0.279				<i>KCNJ12</i>	5'UTR
cg21824733	15	42,197,055	6.08E-13	0.271	0.257				<i>EHD4</i>	Body
cg23245007	3	195,682,326	8.19E-09	0.271	0.238					
cg02303016	7	130,020,130	7.12E-07	0.271	0.323				<i>CPA1</i>	TSS200
cg11594833	12	54,444,985	2.01E-06	0.271	0.205				<i>HOXC4</i>	5'UTR
cg16661209	13	29,107,069	0.001219	0.271	0.312					
cg05368966	12	14,392,531	4.22E-09	0.271	0.246					
cg17131553	8	116,676,938	5.36E-07	0.271	0.259				<i>TRPS1</i>	5'UTR
cg23697202	6	91,320,190	0.00048	0.271	0.194					
cg05485241	6	137,311,162	0.003735	0.271	0.179				<i>NHEG1</i>	Body
cg01646109	4	183,064,633	0.014993	0.271	0.339				<i>MGC45800</i>	Body
cg26239725	21	46,824,732	0.001146	0.271	0.181				<i>COL18A1</i>	TSS1500
cg02115117	2	24,398,668	2.47E-08	0.271	0.244				<i>C2orf84</i>	Body
cg20628994	10	118,429,852	0.011675	0.271	0.271				<i>C10orf82</i>	TSS1500
cg06819935	16	50,003,431	7.74E-09	0.271	0.222					
cg03536474	12	54,367,460	0.010402	0.271	0.276				<i>HOXC11</i>	1stExon
cg17807663	17	46,622,012	0.001444	0.271	0.256				<i>HOXB2</i>	1stExon
cg23776012	17	38,821,403	0.008901	0.271	0.260	0.00000535	0.112		<i>KRT222</i>	5'UTR

cg01205087	2	47,008,202	8.09E-21	0.271	0.240					
cg25895948	15	85,360,655	7.5E-09	0.271	0.254				<i>ALPK3</i>	1stExon
cg01508380	14	23,305,585	0.001104	0.271	0.300				<i>MMP14</i>	TSS1500
cg12014818	2	219,744,634	1.34E-11	0.271	0.269				<i>WNT10A</i>	TSS1500
cg02337873	11	65,659,393	1.01E-12	0.271	0.272					
cg17261120	11	12,578,707	2.15E-12	0.271	0.267					
cg09082287	1	65,730,494	0.000007	0.271	0.238	2.92E-30	0.255		<i>DNAJC6</i>	5'UTR
cg26671281	11	2,828,214	1.34E-23	0.271	0.268				<i>KCNQ1</i>	Body
cg27100022	11	107,800,031	0.000292	0.271	0.181				<i>RAB39</i>	Body
cg00422474	8	67,261,068	0.001989	0.271	0.235					
cg15105703	15	45,421,860	0.000474	0.271	0.252	4.12E-14	0.171		<i>DUOX1</i>	TSS1500
cg06941230	16	11,484,506	7.08E-17	0.271	0.269					
cg06255004	9	139,580,799	1.32E-08	0.271	0.239				<i>AGPAT2</i>	Body
cg11174855	10	134,598,352	9.44E-06	0.271	0.245				<i>NKX6-2</i>	3'UTR
cg14669514	13	22,243,722	0.000448	0.271	0.113				<i>FGF9</i>	TSS1500
cg08684879	12	5,369,360	4.19E-07	0.271	0.244					
cg10164640	1	45,792,557	0.001126	0.271	0.254	2.81E-24	0.192		<i>HPDL</i>	1stExon
cg04557883	6	3,753,083	1.6E-05	0.271	0.253				<i>C6orf145</i>	TSS1500
cg23896816	22	39,473,253	2.18E-08	0.271	0.257				<i>APOBEC3G</i>	5'UTR
cg13917273	9	132,099,943	7.7E-19	0.271	0.247					
cg03224572	8	97,172,012	0.012835	0.271	0.326				<i>GDF6</i>	Body
cg05157171	6	29,910,411	1.37E-07	0.271	0.268				<i>HLA-A</i>	Body
cg22821981	3	122,296,435	3.26E-11	0.271	0.263				<i>PARP15</i>	TSS200
cg00334177	6	28,511,757	5.58E-06	0.271	0.277					
cg01799671	16	81,560,752	7.36E-14	0.271	0.263				<i>CMIP</i>	Body
cg13033898	6	151,561,055	2.7E-07	0.271	0.246				<i>AKAP12</i>	TSS200
cg23688719	1	65,935,654	1.24E-16	0.271	0.259				<i>LEPR</i>	5'UTR
cg01229787	15	100,048,371	7.05E-08	0.271	0.260					
cg00374672	7	100,463,416	1.1E-08	0.271	0.233				<i>SLC12A9</i>	Body
cg10611580	17	75,319,942	4.36E-11	0.271	0.215				<i>SEPT9</i>	5'UTR
cg24474193	4	108,662,252	1.37E-14	0.271	0.242					
cg10333808	12	22,487,459	0.008052	0.271	0.280				<i>ST8SIA1</i>	5'UTR
cg02648057	2	102,867,466	0.001502	0.271	0.248					
cg22473333	5	54,287,462	9.5E-06	0.271	0.290					

cg19629053	3	44,626,193	6.19E-05	0.271	0.162				<i>ZNF660</i>	TSS1500
cg10461547	3	13,323,567	8.88E-06	0.271	0.309					
cg18272889	17	66,197,318	1.27E-07	0.271	0.198					
cg24756378	14	33,401,638	2.21E-20	0.271	0.245					
cg19210770	2	220,379,091	0.028339	0.271	0.276	4.92E-09	0.141		<i>ACCN4</i>	1stExon
cg00345443	3	54,121,778	8.75E-10	0.271	0.281					
cg10806711	1	113,265,679	1.65E-19	0.271	0.263				<i>FAM19A3</i>	Body
cg18349911	5	1,877,135	2.22E-07	0.271	0.267					
cg24427724	12	6,234,257	3.22E-12	0.271	0.277				<i>VWF</i>	TSS1500
cg07605620	19	21,512,141	0.001411	0.271	0.172				<i>ZNF708</i>	1stExon
cg10512292	12	4,378,267	9.73E-05	0.271	0.264					
cg01681847	11	43,605,269	0.00018	0.271	0.261					
cg04637478	5	140,753,655	0.003567	0.271	0.352				<i>PCDHGA4</i>	Body
cg05242371	19	46,286,475	1.87E-23	0.271	0.272				<i>DMPK</i>	TSS1500
cg11970252	13	42,188,629	6.81E-08	0.271	0.276				<i>KIAA0564</i>	Body
cg17701073	3	55,523,895	0.001171	0.271	0.173					
cg22756866	7	1,279,131	0.00252	0.271	0.287					
cg15146834	6	150,463,775	0.00182	0.271	0.241				<i>PPP1R14C</i>	TSS1500
cg19317600	4	8,395,941	0.001433	0.271	0.325				<i>ACOX3</i>	Body
cg24374636	15	41,852,586	6.28E-08	0.271	0.254				<i>TYRO3</i>	Body
cg00764307	14	94,408,121	3.22E-10	0.271	0.246				<i>ASB2</i>	Body
cg18282455	13	36,729,109	0.00101	0.270	0.231					
cg08856601	1	65,730,351	0.000461	0.270	0.234				<i>DNAJC6</i>	TSS200
cg09295252	6	5,026,552	0.035166	0.270	0.308					
cg12938068	13	28,549,698	0.01731	0.270	0.169					
cg24884142	1	119,532,056	1.61E-09	0.270	0.247				<i>TBX15</i>	1stExon
cg21266975	18	2,846,181	5.24E-12	0.270	0.256				<i>EMILIN2</i>	TSS1500
cg23792314	12	25,056,243	0.000645	0.270	0.260				<i>BCAT1</i>	Body
cg04191427	17	78,833,259	0.000781	0.270	0.177				<i>RPTOR</i>	Body
cg05768427	3	127,634,188	0.021187	0.270	0.140					
cg07034329	5	66,124,395	0.004614	0.270	0.109				<i>MAST4</i>	TSS1500
cg05997941	2	219,845,912	2.86E-25	0.270	0.272				<i>FEV</i>	3'UTR
cg21839984	17	30,846,986	1.21E-11	0.270	0.261				<i>MYO1D</i>	Body
cg25652029	2	182,321,786	0.013258	0.270	0.266				<i>ITGA4</i>	5'UTR



cg23359665	6	32,120,907	4.71E-09	0.270	0.284				<i>PPT2</i>	TSS1500
cg01884057	2	25,150,051	1.63E-13	0.270	0.250					
cg09696044	20	55,968,294	1.35E-14	0.270	0.247				<i>RBM38</i>	Body
cg08276171	14	104,850,405	4.03E-05	0.270	0.241					
cg18091046	13	30,077,344	0.000225	0.270	0.221				<i>MTUS2</i>	3'UTR
cg15424989	18	19,757,468	4.26E-23	0.270	0.238				<i>GATA6</i>	Body
cg13870539	10	95,848,649	2.43E-09	0.270	0.237				<i>PLCE1</i>	TSS200
cg09272217	11	45,179,364	3.2E-22	0.270	0.270				<i>PRDM11</i>	Body
cg25650964	13	33,544,014	1.51E-05	0.270	0.283					
cg25924694	12	102,872,603	7.61E-05	0.270	0.251				<i>IGF1</i>	Body
cg02685896	17	27,038,861	2.33E-05	0.270	0.270				<i>PROCA1</i>	5'UTR
cg11109845	7	148,394,888	9.08E-09	0.270	0.250				<i>CUL1</i>	TSS1500
cg20935741	2	176,968,584	0.001688	0.270	0.267					
cg18092474	15	75,019,302	2.37E-11	0.270	0.273				<i>CYP1A1</i>	TSS1500
cg04926361	14	36,982,447	1.91E-09	0.270	0.305				<i>SFTA3</i>	5'UTR
cg15453836	15	77,711,506	2.46E-07	0.270	0.235					
cg18599206	6	29,911,087	0.010515	0.270	0.141				<i>HLA-A</i>	Body
cg18298920	5	3,607,033	7.07E-09	0.270	0.304					
cg11216632	1	155,944,655	4.36E-08	0.270	0.240				<i>ARHGEF2</i>	Body
cg16586594	16	8,806,569	1.87E-09	0.270	0.276				<i>ABAT</i>	5'UTR
cg05485379	3	197,121,410	3.98E-22	0.270	0.244					
cg08370077	16	851,288	1.08E-07	0.270	0.271				<i>GNG13</i>	TSS1500
cg10440639	17	154,499	0.003966	0.270	0.213				<i>RPH3AL</i>	Body
cg10781468	6	168,778,312	9.53E-10	0.270	0.229					
cg05222995	12	115,124,973	5.12E-10	0.270	0.241					
cg20167366	6	30,094,980	1.76E-08	0.270	0.227					
cg18639180	14	91,580,605	0.040349	0.270	0.086				<i>C14orf159</i>	1stExon
cg14299940	9	131,684,923	0.010321	0.270	0.278				<i>PHYHD1</i>	Body
cg19571617	15	90,209,190	0.000926	0.270	0.170				<i>PLIN1</i>	Body
cg19894975	17	76,355,674	7.91E-05	0.270	0.245				<i>SOCS3</i>	5'UTR
cg17067528	6	30,712,517	0.023597	0.270	0.250	1.54E-10	0.131		<i>IER3</i>	TSS200
cg02745822	8	134,203,435	2.42E-14	0.270	0.271				<i>WISP1</i>	1stExon
cg07048832	13	50,883,529	1.32E-05	0.270	0.239					
cg10437217	6	33,215,814	3.46E-07	0.270	0.263					

cg14058647	9	88,137,909	0.00994	0.270	0.209					
cg03102442	8	125,738,432	3.97E-15	0.270	0.258				<i>MTSS1</i>	Body
cg26503073	7	6,704,074	1.22E-09	0.270	0.242					
cg01240599	11	67,418,045	1.54E-10	0.270	0.285				<i>ACY3</i>	5'UTR
cg04270799	12	57,944,059	0.00062	0.270	0.207	1.12E-13	0.185		<i>KIF5A</i>	1stExon
cg14013195	2	26,624,767	0.025583	0.270	0.063				<i>C2orf39</i>	TSS200
cg00950265	14	60,974,389	3.52E-08	0.270	0.238					
cg17169998	22	50,524,124	3.46E-05	0.270	0.270	1.75E-14	0.153		<i>MLC1</i>	TSS1500
cg15213210	1	18,962,937	0.009523	0.270	0.265				<i>PAX7</i>	Body
cg05328461	19	10,231,566	7.65E-18	0.270	0.264				<i>EIF3G</i>	TSS1500
cg23052830	14	61,119,919	2.55E-05	0.270	0.314					
cg09980477	17	66,255,444	0.001722	0.270	0.279				<i>ARSG</i>	5'UTR
cg01075271	14	38,080,314	1.06E-06	0.270	0.313					
cg04203646	19	1,467,008	0.001673	0.270	0.267				<i>APC2</i>	Body
cg15608483	2	175,192,815	7.01E-05	0.270	0.299					
cg20370678	17	58,216,297	0.000345	0.270	0.259					
cg22564583	22	37,720,976	0.003564	0.270	0.171					
cg17123338	X	153,361,684	1.81E-05	0.270	0.245				<i>MECP2</i>	Body
cg01152073	5	179,246,575	6.7E-10	0.270	0.235				<i>SQSTM1</i>	5'UTR
cg03322234	7	1,022,643	1.29E-21	0.270	0.261				<i>CYP2W1</i>	TSS200
cg08972081	3	139,259,435	1.16E-06	0.270	0.292				<i>RBP1</i>	TSS1500
cg26272623	1	119,532,320	5.31E-12	0.270	0.255				<i>TBX15</i>	TSS200
cg00295744	1	151,689,985	0.001237	0.270	0.248				<i>TNRC4</i>	TSS1500
cg25172243	X	138,724,688	0.004375	0.270	0.267				<i>MCF2</i>	1stExon
cg05382956	11	10,627,849	1.03E-09	0.270	0.270				<i>MRVI1</i>	Body
cg09802835	11	71,952,131	7.57E-09	0.270	0.233				<i>PHOX2A</i>	Body
cg23217097	14	42,074,635	1.99E-06	0.270	0.223					
cg05103064	10	7,311,500	0.002683	0.270	0.296				<i>SFMBT2</i>	Body
cg07015424	7	124,360,326	1.17E-10	0.270	0.287					
cg20260127	7	56,355,681	1.08E-08	0.270	0.234					
cg14516948	22	42,196,187	0.006045	0.270	0.239				<i>CCDC134</i>	TSS1500
cg01757168	3	128,215,565	1.14E-23	0.270	0.238					
cg05589489	12	89,748,821	2.14E-11	0.270	0.257					
cg23094674	1	204,329,186	1.94E-21	0.270	0.257				<i>PLEKHA6</i>	TSS200

cg13285968	2	180,725,645	3.82E-07	0.270	0.200				<i>ZNF385B</i>	5'UTR
cg01022780	3	48,598,236	5.7E-12	0.270	0.263					
cg15054274	3	105,072,683	1.68E-06	0.270	0.287					
cg05726600	7	150,498,594	1.02E-14	0.270	0.266				<i>TMEM176B</i>	TSS200
cg23187653	5	95,769,008	0.010887	0.270	0.244	1.55E-09	0.119		<i>PCSK1</i>	TSS200
cg23634124	17	48,049,952	0.000231	0.270	0.195				<i>DLX4</i>	TSS200
cg05331143	15	52,820,584	0.020337	0.270	0.135				<i>MYO5A</i>	Body
cg11991617	4	153,512,727	0.020024	0.270	0.255					
cg17177995	1	70,035,846	1.26E-08	0.270	0.276					
cg12187586	17	2,627,661	0.024871	0.270	0.307					
cg26433034	7	128,430,626	9.64E-09	0.270	0.260				<i>CCDC136</i>	TSS1500
cg12189835	11	61,335,071	1.25E-05	0.270	0.174				<i>SYT7</i>	Body
cg17146738	7	98,739,698	0.048517	0.270	0.266				<i>SMURF1</i>	Body
cg07435331	17	21,178,476	1.21E-31	0.270	0.260					
cg00851088	5	133,406,550	0.001852	0.270	0.140					
cg03733219	19	38,886,319	4.32E-05	0.270	0.253				<i>SPRED3</i>	Body
cg10758824	1	164,606,935	3.42E-14	0.270	0.261				<i>PBX1</i>	Body
cg19923650	5	172,659,730	0.021268	0.270	0.423				<i>NKX2-5</i>	3'UTR
cg07209634	7	156,796,550	0.003502	0.270	0.213					
cg08528170	19	13,947,914	4.24E-10	0.270	0.266				<i>MIR24-2</i>	TSS1500
cg09044785	20	30,458,634	0.008972	0.270	0.178				<i>TTL9</i>	5'UTR
cg06110458	16	85,256,305	2.69E-07	0.270	0.279					
cg03730428	11	32,009,004	0.000111	0.270	0.282					
cg06523224	15	83,953,883	1.04E-05	0.270	0.255				<i>BNC1</i>	TSS1500
cg18642503	19	14,089,711	0.000132	0.270	0.222				<i>RFX1</i>	Body
cg00839584	2	113,542,091	5.13E-06	0.270	0.308	1.9E-30	0.229		<i>IL1A</i>	1stExon
cg01558501	X	99,667,223	0.002645	0.270	0.232					
cg03039974	19	49,467,169	5.79E-05	0.270	0.288				<i>FTL</i>	TSS1500
cg27529555	1	205,325,859	1.01E-13	0.270	0.266				<i>KLHDC8A</i>	5'UTR
cg12598089	3	156,008,770	2.5E-07	0.270	0.324				<i>KCNAB1</i>	TSS200
cg13543436	9	79,488,657	2.12E-22	0.270	0.268				<i>PRUNE2</i>	Body
cg02863073	19	39,694,831	0.034658	0.270	0.346				<i>SYCN</i>	1stExon
cg14453201	5	320,888	0.033008	0.270	0.208				<i>AHRR</i>	Body
cg19814981	5	3,592,435	8.01E-15	0.270	0.264					

cg06624337	15	47,477,411	0.003894	0.269	0.221					
cg23209976	5	138,872,772	4.6E-08	0.269	0.292					
cg02873954	21	45,161,415	9.19E-08	0.269	0.228				<i>PDXK</i>	Body
cg23288059	14	38,724,945	7.06E-05	0.269	0.291				<i>CLEC14A</i>	1stExon
cg02941781	2	191,045,563	0.000269	0.269	0.256				<i>C2orf88</i>	5'UTR
cg09414673	7	1,022,797	2.39E-16	0.269	0.251				<i>CYP2W1</i>	TSS200
cg04726446	2	26,624,865	0.014728	0.269	0.075	2.73E-14	0.159		<i>C2orf39</i>	1stExon
cg22004069	19	5,585,648	5.61E-19	0.269	0.247					
cg24280832	10	77,871,958	1.94E-18	0.269	0.249				<i>C10orf11</i>	Body
cg24399924	2	85,980,533	0.002833	0.269	0.254				<i>ATOH8</i>	TSS1500
cg06552366	2	161,263,994	3.07E-15	0.269	0.270				<i>RBMS1</i>	Body
cg16068038	15	69,099,678	1.61E-08	0.269	0.268				<i>C15orf28</i>	TSS1500
cg26926612	1	214,153,294	0.000912	0.269	0.349					
cg06846669	5	134,879,739	2.76E-08	0.269	0.265					
cg06593715	3	42,814,427	2.28E-06	0.269	0.277				<i>CCDC13</i>	5'UTR
cg02026062	6	117,086,479	0.003999	0.269	0.287				<i>FAM162B</i>	Body
cg04569152	14	21,555,603	5.62E-08	0.269	0.263				<i>FLJ10357</i>	Body
cg19764436	22	23,413,260	1.49E-07	0.269	0.175	2.15E-29	0.180		<i>RTDR1</i>	Body
cg08944026	5	10,626,811	1.39E-15	0.269	0.245				<i>ANKRD33B</i>	Body
cg13874290	2	70,017,056	1.09E-07	0.269	0.259				<i>ANXA4</i>	Body
cg01932956	16	22,959,525	0.002194	0.269	0.225					
cg05604079	4	122,302,268	0.042664	0.269	0.250				<i>QRFPR</i>	TSS200
cg01141339	5	72,530,198	1.04E-06	0.269	0.241					
cg12064372	12	30,948,792	0.001258	0.269	0.260					
cg09737314	17	6,899,359	1.04E-06	0.269	0.213				<i>ALOX12</i>	TSS200
cg10911287	12	125,271,306	5.48E-15	0.269	0.239				<i>SCARB1</i>	Body
cg00221494	13	98,794,593	2.61E-10	0.269	0.175				<i>FARP1</i>	TSS1500
cg15686334	8	60,030,291	0.001138	0.269	0.251				<i>TOX</i>	Body
cg13464990	9	135,421,719	0.008382	0.269	0.210				<i>C9orf171</i>	Body
cg16023415	1	20,692,812	0.02419	0.269	0.355					
cg04122873	6	28,956,226	3.16E-06	0.269	0.264					
cg15945129	7	120,629,051	0.001341	0.269	0.181				<i>C7orf58</i>	TSS1500
cg22001208	19	18,782,374	1.26E-11	0.269	0.261					
cg16555537	7	100,464,771	3.28E-08	0.269	0.295				<i>TRIP6</i>	TSS200

cg19616230	4	25,657,429	0.000859	0.269	0.154	3.79E-14	0.271		<i>SLC34A2</i>	TSS200
cg21459969	19	36,343,521	4.82E-07	0.269	0.257				<i>NPHS1</i>	TSS1500
cg13097407	6	43,276,658	0.039569	0.269	0.190	5.63E-21	0.185		<i>CRIP3</i>	TSS200
cg20431191	1	86,043,795	7.77E-05	0.269	0.277				<i>DDAH1</i>	1stExon
cg00247571	13	50,707,065	4.12E-05	0.269	0.260					
cg05492660	2	71,205,564	0.019958	0.269	0.338				<i>ANKRD53</i>	TSS200
cg13645732	19	45,901,649	0.00127	0.269	0.310				<i>PPP1R13L</i>	5'UTR
cg08855938	1	214,398,483	1.36E-07	0.269	0.266					
cg25864523	6	28,557,388	0.002609	0.269	0.214					
cg27542552	19	11,689,488	2.04E-05	0.269	0.262				<i>ACP5</i>	TSS1500
cg23740940	11	68,924,746	8.84E-13	0.269	0.267					
cg21080336	6	10,426,657	0.00012	0.269	0.327					
cg00158333	17	47,075,855	0.000205	0.269	0.219				<i>IGF2BP1</i>	Body
cg15827779	14	103,524,899	0.001471	0.269	0.340				<i>CDC42BPB</i>	TSS1500
cg09599027	X	43,745,111	3.37E-08	0.269	0.245					
cg07461572	8	1,955,117	2.43E-14	0.269	0.251					
cg08032924	16	66,613,096	2.04E-07	0.269	0.249				<i>CMTM2</i>	TSS1500
cg01255894	10	8,099,218	3.42E-12	0.269	0.278				<i>GATA3</i>	Body
cg04011829	20	61,275,033	2.47E-09	0.269	0.256				<i>SLCO4A1</i>	5'UTR
cg08043998	12	121,890,503	4E-10	0.269	0.274				<i>KDM2B</i>	Body
cg26127662	7	27,153,944	5.37E-06	0.269	0.214				<i>HOXA3</i>	5'UTR
cg08312412	5	141,443,781	1.7E-07	0.269	0.273					
cg22675801	7	28,998,346	4.87E-05	0.269	0.199				<i>TRIL</i>	TSS1500
cg03699566	11	71,900,652	1.04E-14	0.269	0.265	6.61E-21	0.167		<i>FOLR1</i>	1stExon
cg22508969	6	55,444,091	0.028594	0.269	0.271				<i>HMGCLL1</i>	TSS200
cg04562217	3	79,815,718	0.000307	0.269	0.225				<i>ROBO1</i>	5'UTR
cg20902817	15	30,277,796	2.88E-06	0.269	0.258					
cg19304410	1	64,971,188	0.001151	0.269	0.289	3.65E-21	0.147		<i>CACHD1</i>	Body
cg00939682	10	16,933,505	9.82E-05	0.269	0.266				<i>CUBN</i>	Body
cg02474563	10	134,442,032	1.59E-06	0.269	0.261				<i>INPP5A</i>	Body
cg02857325	16	86,564,928	2.59E-06	0.269	0.257				<i>MTHFSD</i>	3'UTR
cg22224704	11	67,352,041	1.05E-14	0.269	0.259	2.08E-21	0.165		<i>GSTP1</i>	Body
cg01286319	19	2,695,343	3.8E-06	0.269	0.259				<i>GNG7</i>	5'UTR
cg00901320	12	129,338,534	0.006798	0.269	0.175				<i>GLT1D1</i>	Body

cg26199241	17	59,529,486	9.05E-06	0.269	0.273						
cg27062571	8	124,890,314	5.44E-06	0.269	0.283					<i>FER1L6</i>	5'UTR
cg01850179	19	10,340,795	3.33E-10	0.269	0.272					<i>S1PR2</i>	5'UTR
cg00907288	3	9,178,249	8.21E-06	0.269	0.279					<i>SRGAP3</i>	Body
cg23052826	2	232,479,675	1.3E-05	0.269	0.274						
cg00459232	12	6,309,025	1.17E-06	0.269	0.272					<i>CD9</i>	TSS1500
cg12356951	17	35,165,018	0.00075	0.269	0.243						
cg01428589	19	33,167,718	1.18E-08	0.269	0.264					<i>RGS9BP</i>	1stExon
cg18831409	6	10,585,851	3.73E-19	0.269	0.265				Yes	<i>GCNT2</i>	Body
cg19376851	2	200,334,137	0.004678	0.269	0.314					<i>FLJ32063</i>	Body
cg03678566	11	68,106,018	2.07E-16	0.269	0.270					<i>LRP5</i>	Body
cg08802482	7	2,657,119	1.39E-18	0.269	0.258						
cg10395685	11	86,085,715	5.78E-06	0.269	0.261					<i>CCDC81</i>	TSS200
cg12065285	1	155,946,346	1.61E-20	0.269	0.275					<i>ARHGEF2</i>	Body
cg15639581	19	13,318,873	3.61E-06	0.269	0.275					<i>CACNA1A</i>	Body
cg17835180	X	12,995,592	0.000619	0.269	0.288						
cg01762581	8	42,234,614	3.65E-11	0.269	0.246	1.7E-22	0.206			<i>DKK4</i>	5'UTR
cg27456468	2	200,334,001	1.54E-06	0.269	0.238					<i>FLJ32063</i>	Body
cg16564033	21	38,067,741	0.004422	0.269	0.313						
cg24848599	1	228,604,800	1.41E-05	0.269	0.255					<i>TRIM17</i>	TSS1500
cg09396217	8	108,510,286	2.5E-13	0.269	0.276	2.22E-12	0.167			<i>ANGPT1</i>	TSS200
cg17280299	5	132,082,690	3.15E-08	0.269	0.263					<i>CCNI2</i>	TSS1500
cg21268578	22	38,029,478	3.38E-09	0.269	0.260					<i>GGA1</i>	3'UTR
cg21743907	7	129,423,053	2.9E-06	0.269	0.269				Yes		
cg03522245	20	25,566,470	0.003897	0.269	0.184					<i>NINL</i>	TSS1500
cg17681491	10	123,356,205	0.000291	0.269	0.222					<i>FGFR2</i>	5'UTR
cg12839172	4	16,085,077	0.015764	0.269	0.344					<i>PROM1</i>	5'UTR
cg23644624	22	21,386,989	0.017549	0.269	0.069					<i>SLC7A4</i>	TSS200
cg25769889	18	28,620,915	0.001502	0.269	0.224					<i>DSC3</i>	Body
cg04539503	19	34,311,327	0.007218	0.269	0.216						
cg13383058	11	66,084,660	1.09E-05	0.269	0.313					<i>CD248</i>	TSS200
cg14476745	9	124,979,356	1.06E-18	0.269	0.265					<i>LHX6</i>	Body
cg06818307	20	6,750,782	0.030315	0.269	0.238					<i>BMP2</i>	Body
cg22881247	15	101,460,222	0.02789	0.269	0.140					<i>LRRK1</i>	5'UTR

cg16519300	1	16,084,830	0.000297	0.269	0.319				<i>FBLIM1</i>	TSS1500
cg19827182	1	21,640,802	9.12E-20	0.269	0.264				<i>ECE1</i>	Body
cg01092108	5	33,362,853	2.76E-10	0.269	0.273					
cg17415326	1	79,350,918	3.41E-16	0.269	0.255					
cg27323784	11	116,451,730	0.025017	0.269	0.297					
cg15522171	1	33,547,626	1.47E-06	0.269	0.270				<i>ADC</i>	5'UTR
cg17241776	13	51,417,469	2.65E-05	0.269	0.260				<i>DLEU7</i>	1stExon
cg25171685	15	63,334,355	0.008585	0.268	0.212				<i>TPM1</i>	TSS1500
cg03580358	8	41,981,423	3.29E-07	0.268	0.244					
cg04646987	5	14,406,732	5.66E-15	0.268	0.257				<i>TRIO</i>	Body
cg11765288	7	18,535,767	0.00401	0.268	0.238				<i>HDAC9</i>	TSS200
cg16742874	10	77,055,847	0.001175	0.268	0.218					
cg25017060	14	103,389,017	2.56E-06	0.268	0.232				<i>AMN</i>	1stExon
cg27485906	13	42,136,511	6.04E-09	0.268	0.273					
cg05872387	2	242,716,801	2.89E-20	0.268	0.249				<i>GAL3ST2</i>	Body
cg09236382	11	6,676,366	5.31E-13	0.268	0.220				<i>DCHS1</i>	5'UTR
cg12099952	20	3,053,037	0.022232	0.268	0.172				<i>OXT</i>	Body
cg14204462	1	119,540,044	1.24E-05	0.268	0.242					
cg01447112	7	6,703,803	0.036702	0.268	0.249					
cg21750887	8	68,658,237	2.64E-11	0.268	0.246	9.63E-26	0.203		<i>CPA6</i>	Body
cg07034362	3	125,899,552	0.03964	0.268	0.175				<i>ALDH1L1</i>	TSS200
cg21944234	3	177,234,095	6.09E-15	0.268	0.271					
cg00850068	19	8,428,494	0.0035	0.268	0.200				<i>ANGPTL4</i>	TSS1500
cg02290168	1	151,255,971	1.49E-05	0.268	0.249				<i>ZNF687</i>	5'UTR
cg02963866	15	29,612,015	5.32E-17	0.268	0.275				<i>FAM189A1</i>	Body
cg11009362	12	118,313,924	8.64E-07	0.268	0.253				<i>KSR2</i>	Body
cg14141880	7	47,649,923	2.53E-18	0.268	0.262			Yes		
cg27246129	6	170,595,947	8.4E-10	0.268	0.246				<i>DLL1</i>	Body
cg12484113	1	27,898,757	2.27E-07	0.268	0.308				<i>AHDC1</i>	5'UTR
cg11052668	6	28,626,564	0.011572	0.268	0.270					
cg14233604	9	83,412,508	5.63E-19	0.268	0.256					
cg05037662	16	25,704,296	6.02E-05	0.268	0.293				<i>HS3ST4</i>	1stExon
cg06720669	X	108,868,282	0.00027	0.268	0.309				<i>KCNE1L</i>	1stExon
cg06148175	11	67,418,148	1.87E-09	0.268	0.262	1.13E-09	0.099		<i>ACY3</i>	TSS200

cg11862551	6	29,817,963	0.007123	0.268	0.298					
cg14926717	14	62,583,919	0.018828	0.268	0.333				<i>FLI43390</i>	TSS200
cg10436257	16	30,959,496	1.17E-16	0.268	0.251				<i>FBXL19</i>	3'UTR
cg27429195	10	1,602,108	0.001079	0.268	0.329				<i>ADARB2</i>	Body
cg26907842	9	37,036,052	0.00901	0.268	0.295					
cg00204782	22	19,753,364	9.19E-06	0.268	0.225				<i>TBX1</i>	Body
cg01919401	7	130,985,828	5E-07	0.268	0.327				<i>MKLN1</i>	Body
cg14002960	18	31,739,423	0.038854	0.268	0.362				<i>NOL4</i>	Body
cg15025103	5	177,411,380	1.12E-06	0.268	0.267					
cg13187764	6	28,677,521	0.002351	0.268	0.291					
cg04809274	6	32,977,254	0.000897	0.268	0.253				<i>HLA-DOA</i>	1stExon
cg23079727	3	11,598,978	2.25E-13	0.268	0.275				<i>VGLL4</i>	3'UTR
cg18197392	20	23,015,908	0.009134	0.268	0.244				<i>SSTR4</i>	TSS200
cg23973417	7	116,164,753	0.026973	0.268	0.218				<i>CAV1</i>	TSS200
cg06469229	5	59,188,213	7.95E-09	0.268	0.253				<i>PDE4D</i>	Body
cg21514834	2	132,285,991	0.003087	0.268	0.173				<i>CCDC74A</i>	Body
cg03452737	3	117,385,277	1.17E-08	0.268	0.268					
cg16290866	8	97,167,768	1.67E-07	0.268	0.245				<i>GDF6</i>	Body
cg18058747	5	78,408,253	1.6E-12	0.268	0.266				<i>BHMT</i>	Body
cg22982570	3	51,997,033	9.83E-17	0.268	0.253				<i>PCBP4</i>	TSS200
cg13592721	6	27,107,393	2.33E-06	0.268	0.263			Yes	<i>HIST1H2BK</i>	3'UTR
cg21386766	12	94,286,778	1.05E-05	0.268	0.217					
cg03557857	10	103,589,693	6.5E-05	0.268	0.251				<i>KCNIP2</i>	Body
cg09982773	7	128,550,860	4.39E-16	0.268	0.244				<i>KCP</i>	TSS200
cg13123927	4	41,746,697	1.96E-05	0.268	0.255				<i>PHOX2B</i>	3'UTR
cg26276327	1	247,511,469	4.27E-05	0.268	0.243					
cg08828819	7	95,025,836	0.037614	0.268	0.242				<i>PON3</i>	TSS200
cg03233426	17	53,800,554	0.001922	0.268	0.295				<i>TMEM100</i>	TSS1500
cg01466741	5	134,733,519	0.000172	0.268	0.339				<i>H2AFY</i>	5'UTR
cg14702307	7	64,700,697	3.78E-06	0.268	0.196					
cg06641357	16	29,197,753	2.21E-10	0.268	0.282					
cg26168881	2	9,451,170	0.015719	0.268	0.263				<i>ASAP2</i>	Body
cg09547226	19	5,058,863	1.53E-21	0.268	0.243			Yes	<i>KDM4B</i>	Body
cg21618620	12	54,408,427	4.76E-09	0.268	0.255					



cg25370416	11	68,894,672	1.02E-11	0.268	0.257					
cg09113070	2	86,114,036	2.24E-09	0.268	0.280				<i>ST3GAL5</i>	Body
cg14248106	17	43,046,371	0.007112	0.268	0.146				<i>C1QL1</i>	TSS1500
cg03745372	3	57,197,870	9.18E-09	0.268	0.258				<i>IL17RD</i>	Body
cg04297907	X	10,126,668	0.000221	0.268	0.253				<i>CLCN4</i>	5'UTR
cg13094752	14	23,305,548	7.04E-06	0.268	0.298				<i>MMP14</i>	TSS1500
cg20406460	5	3,606,489	0.005936	0.268	0.381					
cg20719001	17	79,297,435	5.99E-11	0.268	0.267				<i>TMEM105</i>	5'UTR
cg21447550	1	223,538,623	0.001306	0.268	0.202				<i>SUSD4</i>	TSS1500
cg01215761	X	129,254,804	0.045861	0.268	0.379					
cg12749132	1	151,811,364	3.24E-05	0.268	0.278				<i>LOC100132111</i>	Body
cg23291534	8	110,988,043	0.014326	0.268	0.343				<i>KCNV1</i>	TSS1500
cg07571734	7	151,479,894	1.08E-05	0.268	0.276				<i>PRKAG2</i>	Body
cg03847373	5	50,265,767	0.006565	0.268	0.248					
cg10771480	14	64,319,275	0.0151	0.268	0.162				<i>SYNE2</i>	TSS1500
cg16348470	1	34,642,609	0.013222	0.268	0.192				<i>C1orf94</i>	5'UTR
cg19572766	17	48,206,424	1.05E-06	0.268	0.272				<i>SAMD14</i>	5'UTR
cg24313597	9	93,955,675	0.025249	0.268	0.133					
cg04305062	6	39,399,200	0.000707	0.268	0.213				<i>KIF6</i>	Body
cg10110367	21	46,131,464	3.68E-05	0.268	0.244				<i>C21orf29</i>	1stExon
cg16269733	1	156,616,804	0.0211	0.268	0.264				<i>BCAN</i>	Body
cg19541697	2	26,045,189	1.79E-23	0.268	0.254				<i>ASXL2</i>	Body
cg21604042	6	35,181,401	8.15E-07	0.268	0.169	2.62E-09	0.168		<i>SCUBE3</i>	TSS1500
cg04918402	17	61,778,550	2.05E-07	0.268	0.254				<i>LIMD2</i>	TSS1500
cg26864766	1	39,857,950	7.22E-05	0.268	0.268			Yes	<i>MACF1</i>	Body
cg08402963	13	99,135,625	0.002935	0.268	0.191				<i>STK24</i>	Body
cg25092838	14	57,279,115	0.00173	0.268	0.296				<i>OTX2OS1</i>	TSS1500
cg15192750	16	69,999,425	0.023071	0.268	0.268					
cg14126020	20	61,149,009	0.001758	0.268	0.297				<i>C20orf166</i>	5'UTR
cg18693395	14	52,735,421	0.022408	0.268	0.275				<i>PTGDR</i>	Body
cg10631356	11	34,517,541	3.86E-20	0.268	0.268				<i>ELF5</i>	Body
cg23764900	11	8,616,102	0.00118	0.268	0.105				<i>STK33</i>	TSS1500
cg06086731	1	38,942,075	0.000437	0.268	0.297					
cg08125125	5	149,980,486	2.02E-06	0.268	0.261				<i>SYNPO</i>	TSS200

cg13475583	1	235,116,731	0.000779	0.268	0.266					
cg03281661	16	3,239,458	1.28E-07	0.268	0.285					
cg06666025	16	66,613,278	5.85E-07	0.268	0.225				<i>CMTM2</i>	TSS200
cg17826344	19	51,169,660	0.000356	0.268	0.299				<i>SHANK1</i>	Body
cg26663490	17	72,443,066	3.88E-10	0.268	0.274				<i>GPRC5C</i>	Body
cg12460870	7	1,293,669	2.17E-09	0.268	0.276					
cg02220617	14	102,312,533	3.46E-09	0.268	0.232				<i>PPP2R5C</i>	Body
cg12905836	12	54,409,770	5.56E-07	0.268	0.233				<i>HOXC4</i>	TSS1500
cg23039195	10	22,624,663	0.003893	0.268	0.321					
cg05816193	6	26,018,127	2.94E-07	0.268	0.230				<i>HIST1H1A</i>	TSS200
cg07776847	4	140,201,065	0.000869	0.268	0.240				<i>C4orf49</i>	Body
cg08893692	5	72,595,741	0.011698	0.268	0.272					
cg27478242	12	54,611,928	1.88E-05	0.268	0.285					
cg15850851	2	43,446,987	0.018052	0.268	0.193					
cg07774424	X	101,915,091	0.000957	0.268	0.276					
cg24366211	11	68,610,706	5.57E-06	0.268	0.269				<i>CPT1A</i>	TSS1500
cg01427848	11	56,972,618	0.019474	0.268	0.248					
cg05713206	17	61,615,622	2.86E-08	0.268	0.245				<i>KCNH6</i>	Body
cg10338338	12	8,088,931	5.33E-09	0.268	0.278	1.51E-19	0.148		<i>SLC2A3</i>	TSS200
cg07005067	13	31,782,610	1.16E-14	0.268	0.262				<i>B3GALTL</i>	Body
cg08506654	5	172,673,098	5.75E-07	0.268	0.274					
cg14396995	7	42,278,089	1.42E-08	0.268	0.256				<i>GLI3</i>	TSS1500
cg00766964	13	24,693,844	4.19E-10	0.268	0.252					
cg03573945	8	25,897,342	5.97E-06	0.268	0.238				<i>EBF2</i>	Body
cg06133145	14	94,254,351	2.39E-10	0.268	0.260				<i>PRIMA1</i>	5'UTR
cg18048405	17	27,333,617	0.000338	0.268	0.270				<i>SEZ6</i>	TSS1500
cg22254104	9	124,991,432	0.000107	0.268	0.194				<i>LHX6</i>	TSS1500
cg15175162	4	15,657,657	9.76E-07	0.268	0.201				<i>FBXL5</i>	TSS1500
cg22558825	10	103,329,449	1.15E-07	0.268	0.236					
cg03513464	1	58,898,672	1.13E-05	0.268	0.167					
cg26198700	5	42,360,789	5.69E-05	0.268	0.243					
cg02092885	17	29,379,458	1.1E-14	0.268	0.252					
cg08378830	5	134,825,466	8.01E-07	0.268	0.272					
cg04318855	2	225,906,085	0.000611	0.268	0.326				<i>DOCK10</i>	Body

cg05062333	6	133,562,269	8.49E-05	0.268	0.317				<i>EYA4</i>	TSS1500
cg04155289	7	94,953,770	2.22E-10	0.267	0.252				<i>PON1</i>	1stExon
cg15635368	2	191,208,116	0.002523	0.267	0.174				<i>INPP1</i>	TSS200
cg25731261	19	47,736,018	9.31E-07	0.267	0.290				<i>BBC3</i>	1stExon
cg00502662	7	76,053,224	6.76E-22	0.267	0.251				<i>ZP3</i>	TSS1500
cg17594131	17	43,046,361	0.003908	0.267	0.161				<i>C1QL1</i>	TSS1500
cg21570209	19	46,367,987	7.85E-08	0.267	0.251				<i>FOXA3</i>	Body
cg04573550	14	38,680,313	3.56E-05	0.267	0.167				<i>SSTR1</i>	3'UTR
cg10996258	14	38,975,251	1.01E-05	0.267	0.267					
cg13073564	4	8,508,604	1.85E-07	0.267	0.293					
cg04896949	1	28,918,475	6.49E-12	0.267	0.242				<i>RAB42</i>	TSS1500
cg06629130	18	44,787,585	0.0008	0.267	0.242					
cg14673722	17	71,065,768	3.76E-17	0.267	0.269				<i>SLC39A11</i>	Body
cg20693209	11	13,984,067	2.97E-07	0.267	0.217				<i>SPON1</i>	1stExon
cg05342515	2	177,024,172	1.39E-05	0.267	0.219					
cg02319354	5	72,530,186	2.02E-07	0.267	0.231					
cg06907053	2	106,015,869	5.16E-05	0.267	0.218				<i>FHL2</i>	TSS200
cg07300846	16	29,888,571	1.09E-05	0.267	0.266				<i>SEZ6L2</i>	Body
cg12026967	18	19,780,728	4.28E-44	0.267	0.253				<i>GATA6</i>	Body
cg19486070	7	1,626,153	0.001393	0.267	0.235				<i>KIAA1908</i>	Body
cg26559209	10	13,570,012	0.000193	0.267	0.255					
cg03387092	3	123,493,248	7.81E-17	0.267	0.265				<i>MYLK</i>	Body
cg19798881	6	7,758,958	9.91E-15	0.267	0.257				<i>BMP6</i>	Body
cg11619961	5	149,792,840	0.000813	0.267	0.119				<i>CD74</i>	TSS1500
cg22592475	5	67,547,334	4.05E-09	0.267	0.244				<i>PIK3R1</i>	Body
cg14710465	1	160,369,869	3.3E-23	0.267	0.231				<i>VANGL2</i>	TSS1500
cg05185021	17	2,324,794	2.04E-14	0.267	0.267				<i>METT10D</i>	Body
cg20316549	7	156,810,507	0.0006	0.267	0.271					
cg26365925	3	44,063,315	0.000144	0.267	0.269					
cg13001963	5	10,467,973	5.36E-09	0.267	0.251					
cg12580156	10	112,588,051	1.12E-35	0.267	0.258				<i>RBM20</i>	Body
cg05184938	17	75,369,939	6.98E-05	0.267	0.221				<i>SEPT9</i>	5'UTR
cg06861044	16	20,359,815	0.046602	0.267	0.361				<i>UMOD</i>	Body
cg06215984	1	203,258,903	9.63E-15	0.267	0.240					

cg16097357	17	73,584,360	0.003985	0.267	0.217				<i>MYO15B</i>	Body
cg22898783	2	26,204,699	2.27E-10	0.267	0.211				<i>KIF3C</i>	1stExon
cg03800922	6	74,290,220	0.000154	0.267	0.291					
cg25219329	22	42,679,444	0.001352	0.267	0.234					
cg25305879	2	106,814,630	3.84E-11	0.267	0.289					
cg12643732	5	691,580	0.000381	0.267	0.292				<i>TPPP</i>	5'UTR
cg01760475	8	145,104,359	0.00105	0.267	0.266					
cg15168995	22	37,914,206	1.34E-10	0.267	0.284				<i>CARD10</i>	Body
cg03773647	11	57,417,949	9.15E-07	0.267	0.228				<i>YPEL4</i>	TSS1500
cg19228647	6	6,901,002	1.86E-08	0.267	0.231					
cg26279336	17	46,674,438	0.007691	0.267	0.218				<i>LOC404266</i>	Body
cg15034300	2	85,134,468	1.4E-05	0.267	0.167					
cg19126910	11	111,249,659	2.05E-12	0.267	0.249				<i>POU2AF1</i>	Body
cg06061257	17	71,361,901	1.79E-07	0.267	0.268				<i>SDK2</i>	Body
cg18749404	17	76,975,944	0.001065	0.267	0.213				<i>LGALS3BP</i>	1stExon
cg14831380	8	144,510,421	0.000308	0.267	0.332					
cg19643252	7	151,264,653	1.81E-05	0.267	0.242				<i>PRKAG2</i>	Body
cg10279204	10	71,176,853	2.39E-16	0.267	0.252				<i>TACR2</i>	TSS200
cg24375938	17	13,505,799	0.007055	0.267	0.160				<i>HS3ST3A1</i>	TSS1500
cg00811132	22	19,511,707	0.0064	0.267	0.304				<i>CLDN5</i>	1stExon
cg12769994	1	149,784,571	2.23E-05	0.267	0.241				<i>HIST2H2BF</i>	TSS1500
cg00014830	17	77,765,733	0.001033	0.267	0.226					
cg02059867	17	38,334,623	2.36E-13	0.267	0.249				<i>RAPGEFL1</i>	1stExon
cg12440549	13	28,541,477	0.003149	0.267	0.191				<i>CDX2</i>	Body
cg02882448	15	33,487,058	0.019486	0.267	0.155					
cg15235999	19	52,996,352	0.001334	0.267	0.265				<i>ZNF578</i>	5'UTR
cg16379910	14	78,636,730	0.025069	0.267	0.285					
cg17977173	2	129,076,335	0.000135	0.267	0.253				<i>HS6ST1</i>	TSS200
cg10395711	12	6,938,638	2.56E-05	0.267	0.268				<i>LEPREL2</i>	Body
cg10983484	15	52,018,762	2.59E-09	0.267	0.297				<i>LYSMD2</i>	Body
cg15032098	4	41,258,560	7.04E-05	0.267	0.255				<i>UCHL1</i>	TSS1500
cg26728517	20	39,319,540	7.84E-08	0.267	0.269					
cg21395577	1	221,060,851	9.75E-06	0.267	0.260					
cg24473500	7	871,436	0.000138	0.267	0.355				<i>UNC84A</i>	5'UTR

cg24395504	6	154,869,909	8.54E-10	0.267	0.244					
cg11711057	12	107,974,444	8.04E-13	0.267	0.261				<i>BTBD11</i>	TSS200
cg13066043	14	24,808,987	5.22E-08	0.267	0.273				<i>RIPK3</i>	Body
cg22213386	5	156,887,005	0.009896	0.267	0.194				<i>NIPAL4</i>	TSS200
cg24074448	19	18,768,688	1.95E-33	0.267	0.258				<i>KLHL26</i>	Body
cg26651950	22	37,976,179	5.71E-13	0.267	0.259				<i>LGALS2</i>	TSS200
cg14557288	10	72,454,026	0.006459	0.267	0.175				<i>ADAMTS14</i>	Body
cg04337944	22	45,899,303	1.76E-13	0.267	0.245	4.08E-37	0.222		<i>FBLN1</i>	Body
cg13019491	14	60,977,856	1.03E-05	0.267	0.263				<i>SIX6</i>	Body
cg20956738	18	55,108,537	0.008333	0.267	0.301				<i>ONECUT2</i>	Body
cg12628061	1	56,453,730	1.01E-12	0.267	0.214					
cg13457165	1	40,105,079	1.34E-05	0.267	0.282				<i>HEYL</i>	Body
cg14286456	1	8,570,225	2.32E-15	0.267	0.253				<i>RERE</i>	Body
cg19170015	4	74,734,714	0.00037	0.267	0.183				<i>CXCL1</i>	TSS1500
cg02022808	5	140,744,914	0.002455	0.267	0.312				<i>PCDHGA4</i>	Body
cg12606409	2	27,958,270	0.000119	0.267	0.176					
cg27406975	2	172,955,512	0.048453	0.267	0.333					
cg17860198	3	5,138,170	9.02E-05	0.267	0.262					
cg18815343	6	28,367,644	0.000516	0.267	0.216				<i>ZSCAN12</i>	TSS200
cg21853707	1	164,676,874	8.29E-16	0.267	0.258				<i>PBX1</i>	Body
cg24813736	5	63,255,045	1.78E-05	0.267	0.234					
cg09371112	11	12,222,570	2.31E-16	0.267	0.258				<i>MICAL2</i>	Body
cg16237891	1	146,544,645	8.76E-07	0.267	0.299					
cg26570165	1	119,541,833	6.56E-09	0.267	0.260					
cg23999695	15	89,943,625	0.041427	0.267	0.239					
cg24021956	7	79,083,509	0.006223	0.267	0.227				<i>MAGI2</i>	TSS1500
cg24877675	10	133,995,387	4.42E-11	0.267	0.257				<i>JAKMIP3</i>	3'UTR
cg15820574	1	156,406,711	0.001854	0.267	0.319					
cg00990385	12	113,587,690	5.11E-06	0.267	0.273				<i>CCDC42B</i>	1stExon
cg13809441	6	6,737,631	5.37E-09	0.267	0.216					
cg19246977	17	17,280,399	0.010413	0.267	0.156					
cg13300273	1	200,842,890	7.38E-08	0.267	0.237				<i>GPR25</i>	1stExon
cg03512076	8	103,907,077	4.02E-17	0.267	0.260					
cg12438430	10	1,507,896	1.63E-07	0.267	0.183				<i>ADARB2</i>	Body

cg13501279	1	167,523,555	0.002713	0.267	0.198				<i>CREG1</i>	TSS1500
cg14689479	8	53,326,618	0.000146	0.267	0.314					
cg13655250	9	134,544,528	1.44E-10	0.267	0.249				<i>RAPGEF1</i>	Body
cg07621749	15	41,806,141	1.27E-05	0.267	0.262				<i>LTK</i>	TSS200
cg00720047	16	1,186,227	5.82E-05	0.267	0.288					
cg02309273	1	38,412,744	1.89E-05	0.267	0.280	2.72E-27	0.182		<i>INPP5B</i>	TSS200
cg07881210	17	398,090	3.95E-12	0.267	0.248					
cg19776793	17	79,225,974	2.78E-15	0.267	0.246				<i>SLC38A10</i>	Body
cg04674508	6	29,975,239	2.85E-09	0.267	0.239				<i>HLA-J</i>	Body
cg05940984	11	32,448,678	0.020066	0.267	0.268				<i>WT1</i>	Body
cg03803086	21	34,185,960	2.47E-09	0.266	0.248				<i>C21orf62</i>	5'UTR
cg20322093	17	72,931,788	3.66E-12	0.266	0.224				<i>OTOP3</i>	TSS200
cg27391934	1	1,369,948	0.035266	0.266	0.152				<i>VWA1</i>	TSS1500
cg06677890	5	149,887,486	1.67E-13	0.266	0.249				<i>NDST1</i>	TSS200
cg08394412	16	50,875,140	0.008672	0.266	0.308					
cg04927502	1	149,889,361	0.008175	0.266	0.308				<i>SV2A</i>	5'UTR
cg04615865	12	121,678,720	0.005436	0.266	0.364				<i>CAMKK2</i>	Body
cg27315333	2	63,285,950	3.51E-05	0.266	0.247					
cg13668314	9	130,692,638	0.000911	0.266	0.130				<i>PIP5KL1</i>	Body
cg19479609	2	208,390,216	3.05E-06	0.266	0.250					
cg20635389	2	207,859,049	2.74E-05	0.266	0.234			Yes		
cg11628739	17	60,731,254	3.01E-18	0.266	0.249				<i>MRC2</i>	Body
cg14354895	22	50,607,824	3.5E-05	0.266	0.267				<i>PANX2</i>	TSS1500
cg04360793	1	79,472,361	5.94E-07	0.266	0.266				<i>ELTD1</i>	5'UTR
cg08814105	5	172,662,130	0.04056	0.266	0.174				<i>NKX2-5</i>	5'UTR
cg00647859	1	185,534,625	3.9E-12	0.266	0.263					
cg18373855	6	159,360,209	1.01E-11	0.266	0.266					
cg05357152	20	61,049,813	7.31E-07	0.266	0.247				<i>GATA5</i>	Body
cg21568661	15	62,411,575	0.000338	0.266	0.276					
cg09519327	7	150,710,730	0.025722	0.266	0.323				<i>ATG9B</i>	3'UTR
cg00290974	11	10,316,461	0.007575	0.266	0.136				<i>SBF2</i>	TSS1500
cg09281101	1	236,227,410	0.001722	0.266	0.203				<i>NID1</i>	Body
cg18676237	6	2,903,258	0.005683	0.266	0.291	2.53E-13	0.187		<i>SERPINB9</i>	5'UTR
cg14546076	6	29,796,420	8.33E-07	0.266	0.241				<i>HLA-G</i>	Body

cg00282510	9	100,611,516	0.001223	0.266	0.271					
cg24628744	5	134,735,654	3.48E-05	0.266	0.216	1.04E-13	0.238		<i>H2AFY</i>	TSS1500
cg01275133	16	85,229,580	4.21E-14	0.266	0.249					
cg16922279	11	71,955,439	7.66E-07	0.266	0.299				<i>PHOX2A</i>	TSS1500
cg18968196	2	39,892,502	0.000155	0.266	0.241				<i>TMEM178</i>	TSS1500
cg02953912	11	2,904,591	3.96E-27	0.266	0.257				<i>CDKN1C</i>	3'UTR
cg04826040	12	132,933,643	1.62E-05	0.266	0.256					
cg20176388	2	17,724,532	1.49E-08	0.266	0.245				<i>VSNL1</i>	5'UTR
cg13187827	6	31,734,192	6.9E-13	0.266	0.256				<i>C6orf27</i>	Body
cg23615741	10	101,297,642	1.24E-05	0.266	0.245					
cg15464821	1	167,682,648	2.69E-09	0.266	0.247					
cg02325832	4	13,542,883	7.64E-09	0.266	0.246				<i>NKX3-2</i>	3'UTR
cg00321234	4	141,217,605	4.63E-10	0.266	0.217				<i>SCOC</i>	5'UTR
cg03052099	16	67,951,373	5.37E-10	0.266	0.280				<i>PSKH1</i>	Body
cg12148515	8	41,517,301	3.76E-14	0.266	0.269				<i>ANK1</i>	3'UTR
cg22465479	19	50,306,072	0.000286	0.266	0.272				<i>AP2A1</i>	Body
cg12133048	5	141,293,785	0.017283	0.266	0.206					
cg13889415	9	116,943,379	0.000309	0.266	0.244				<i>COL27A1</i>	Body
cg26822986	18	21,199,691	6.15E-05	0.266	0.247				<i>ANKRD29</i>	Body
cg13302869	2	131,010,522	0.00013	0.266	0.224					
cg12020396	19	55,593,580	1.2E-05	0.266	0.271				<i>EPS8L1</i>	Body
cg24381412	15	45,996,787	0.021777	0.266	0.230					
cg18050804	13	113,677,188	9.18E-09	0.266	0.279				<i>MCF2L</i>	Body
cg04394967	14	68,189,457	0.005206	0.266	0.263	0.00000097	0.088		<i>RDH12</i>	Body
cg17202313	3	181,444,989	0.036125	0.266	0.324				<i>SOX2OT</i>	Body
cg19841369	14	64,663,928	3.28E-06	0.266	0.253				<i>SYNE2</i>	Body
cg03933572	2	150,187,926	6.87E-06	0.266	0.199				<i>LYPD6</i>	5'UTR
cg08833577	10	118,899,288	6.46E-06	0.266	0.255				<i>VAX1</i>	TSS1500
cg09699056	17	79,503,642	9.44E-09	0.266	0.254			Yes	<i>FSCN2</i>	Body
cg09984479	22	38,635,620	1.69E-05	0.266	0.314				<i>TMEM184B</i>	Body
cg22272282	6	27,107,670	2.99E-07	0.266	0.260				<i>HIST1H2BK</i>	3'UTR
cg23383189	5	176,560,116	1.14E-06	0.266	0.237				<i>NSD1</i>	1stExon
cg16120833	17	72,443,085	8.14E-11	0.266	0.273				<i>GPRC5C</i>	Body
cg21163444	12	54,765,670	2.36E-16	0.266	0.247				<i>ZNF385A</i>	Body

cg19695041	8	38,615,330	8.96E-08	0.266	0.208				<i>TACC1</i>	5'UTR
cg21560142	19	47,730,821	0.006553	0.266	0.334				<i>BBC3</i>	Body
cg14094646	9	37,030,262	1.91E-10	0.266	0.267				<i>PAX5</i>	Body
cg22122321	4	85,407,081	9.53E-12	0.266	0.256					
cg04093349	15	66,998,947	1.57E-55	0.266	0.259				<i>SMAD6</i>	Body
cg03562414	19	52,391,078	0.011008	0.266	0.255				<i>ZNF577</i>	Body
cg23647037	X	119,150,375	0.022605	0.266	0.228					
cg21139587	1	201,455,370	1.43E-05	0.266	0.295				<i>CSRP1</i>	Body
cg18948199	12	118,313,708	7.84E-08	0.266	0.265				<i>KSR2</i>	Body
cg00299972	10	102,892,528	7.31E-07	0.266	0.255				<i>TLX1</i>	Body
cg03969996	19	46,999,055	1.18E-06	0.266	0.277				<i>PNMAL2</i>	1stExon
cg10124710	1	146,544,267	2.68E-09	0.266	0.267					
cg12173409	3	54,154,746	0.00551	0.266	0.230					
cg13700552	X	101,968,505	1.39E-08	0.266	0.260				<i>GPRASP2</i>	5'UTR
cg20346189	X	71,524,766	1.7E-06	0.266	0.246				<i>CITED1</i>	5'UTR
cg20514322	2	134,023,662	5.98E-08	0.266	0.246				<i>NCKAP5</i>	Body
cg10421979	17	48,546,321	0.024451	0.266	0.239				<i>CHAD</i>	TSS200
cg27274135	X	129,093,798	0.023707	0.266	0.260					
cg14845020	20	55,833,416	1.18E-11	0.266	0.285				<i>BMP7</i>	Body
cg06201861	16	84,877,964	2.64E-14	0.266	0.256				<i>CRISPLD2</i>	Body
cg04904099	16	68,678,010	4.73E-08	0.266	0.235				<i>CDH3</i>	TSS200
cg07448060	7	79,083,753	0.004249	0.266	0.303				<i>MAGI2</i>	TSS1500
cg14482313	12	52,626,889	3.96E-05	0.266	0.291				<i>KRT7</i>	TSS200
cg25623768	2	45,241,008	0.025314	0.266	0.302					
cg14420245	2	148,601,095	1.78E-08	0.266	0.225				<i>ACVR2A</i>	TSS1500
cg22920700	8	99,955,610	6.49E-10	0.266	0.269				<i>OSR2</i>	TSS1500
cg24643417	9	503,937	0.001352	0.266	0.174				<i>KANK1</i>	TSS1500
cg00188055	6	32,076,079	1.75E-08	0.266	0.260				<i>TNXB</i>	5'UTR
cg12177220	3	38,080,925	0.020804	0.266	0.180				<i>DLEC1</i>	1stExon
cg10322124	8	74,331,865	2.95E-18	0.266	0.268					
cg17099016	11	17,568,889	1.8E-18	0.266	0.273					
cg20253855	7	101,762,511	2.56E-19	0.266	0.257				<i>CUX1</i>	Body
cg01859228	15	64,208,452	1.86E-13	0.266	0.284				<i>DAPK2</i>	Body
cg27520776	1	217,311,982	8.78E-08	0.266	0.270				<i>ESRRG</i>	TSS1500



cg00112465	3	128,719,999	0.006941	0.266	0.229				<i>CCDC48</i>	TSS1500
cg12439439	11	129,243,219	0.000134	0.266	0.286					
cg05282518	14	20,344,920	4.36E-18	0.266	0.234				<i>OR4K2</i>	1stExon
cg12604950	1	180,882,287	0.001558	0.266	0.236				<i>KIAA1614</i>	TSS200
cg19370054	2	98,964,186	0.002096	0.266	0.231				<i>CNGA3</i>	5'UTR
cg13490403	9	124,982,413	3.91E-05	0.266	0.283				<i>LHX6</i>	Body
cg01763575	20	44,875,431	0.004132	0.266	0.191				<i>CDH22</i>	Body
cg04083712	7	99,156,968	0.004012	0.266	0.208				<i>ZNF655</i>	5'UTR
cg09628195	1	119,551,303	0.008733	0.266	0.286					
cg22870092	4	7,918,691	3.94E-23	0.266	0.253				<i>AFAP1</i>	5'UTR
cg13699414	5	178,957,880	6.33E-10	0.266	0.236					
cg19756821	1	54,940,702	0.005821	0.266	0.116					
cg26472133	7	156,797,104	1.82E-08	0.266	0.228					
cg19023847	10	99,344,164	4.35E-07	0.266	0.285				<i>DHDPSL</i>	1stExon
cg25044651	5	115,298,720	4.41E-06	0.266	0.243	9.26E-24	0.242		<i>LVRN</i>	1stExon
cg02649597	2	45,171,621	1.99E-08	0.266	0.258				<i>SIX3</i>	Body
cg04706201	5	131,773,770	1.6E-09	0.266	0.260				<i>C5orf56</i>	Body
cg26575622	10	77,872,458	0.000666	0.266	0.154			Yes	<i>C10orf11</i>	Body
cg11743000	1	65,355,578	8.61E-10	0.265	0.271				<i>JAK1</i>	5'UTR
cg23239574	1	228,653,136	0.00335	0.265	0.353					
cg06571407	20	44,746,823	6.63E-05	0.265	0.320				<i>CD40</i>	TSS200
cg17459443	17	6,559,109	0.006267	0.265	0.332					
cg27563985	20	54,580,677	8.28E-07	0.265	0.287				<i>CBLN4</i>	TSS1500
cg25763036	4	13,540,946	0.027413	0.265	0.354					
cg05253110	7	141,130,687	2.21E-05	0.265	0.234					
cg09976984	6	27,182,943	0.00142	0.265	0.320					
cg25120290	14	85,996,873	0.009368	0.265	0.282				<i>FLRT2</i>	1stExon
cg15027426	Y	21,664,604	0.00034	0.265	0.269				<i>BCORL2</i>	Body
cg08376310	11	2,858,621	1.59E-13	0.265	0.250				<i>KCNQ1</i>	Body
cg13366537	7	30,029,754	0.003406	0.265	0.133				<i>SCRN1</i>	TSS1500
cg14338526	3	172,394,394	9.59E-18	0.265	0.241				<i>NCEH1</i>	5'UTR
cg18119977	8	96,226,844	0.00017	0.265	0.316					
cg03396151	15	37,387,304	0.00884	0.265	0.322				<i>MEIS2</i>	Body
cg03465499	11	68,781,279	0.000843	0.265	0.201				<i>MRGPRF</i>	TSS1500

cg07382998	17	76,880,071	3.29E-08	0.265	0.243				<i>TIMP2</i>	Body
cg13720108	3	62,364,032	0.007297	0.265	0.331					
cg22481263	1	906,493	1.77E-35	0.265	0.255				<i>PLEKHN1</i>	Body
cg07391141	21	44,035,034	1.15E-14	0.265	0.233					
cg12103951	10	88,162,314	4.6E-05	0.265	0.252					
cg22861587	7	91,196,675	3.34E-09	0.265	0.288					
cg03297163	7	2,548,137	0.001336	0.265	0.303					
cg26063904	1	101,313,199	3.81E-06	0.265	0.265					
cg07063583	X	8,698,228	1.16E-07	0.265	0.242				<i>KAL1</i>	Body
cg22304399	19	13,319,324	0.002073	0.265	0.321				<i>CACNA1A</i>	Body
cg12127282	2	177,014,685	1.08E-08	0.265	0.250	0.02732237	0.037		<i>HOXD4</i>	TSS1500
cg21800258	6	28,557,080	0.000882	0.265	0.219					
cg25428494	4	84,255,411	1.59E-13	0.265	0.267				<i>HPSE</i>	Body
cg27392904	19	50,400,714	0.001479	0.265	0.325				<i>IL411</i>	TSS1500
cg18551877	11	58,612,087	7.35E-06	0.265	0.271				<i>GLYATL2</i>	TSS200
cg07753510	3	171,111,243	2.14E-06	0.265	0.180				<i>TNIK</i>	Body
cg07721569	6	10,420,287	0.006347	0.265	0.292				<i>TFAP2A</i>	TSS1500
cg00544436	6	34,203,564	3.59E-06	0.265	0.252				<i>HMGA1</i>	TSS1500
cg12671030	2	109,647,956	2.6E-06	0.265	0.243					
cg14611399	3	87,138,203	8.64E-07	0.265	0.256					
cg07222863	8	104,153,592	1.95E-08	0.265	0.284				<i>C8orf56</i>	TSS200
cg16184495	19	15,343,350	0.003588	0.265	0.269				<i>EPHX3</i>	5'UTR
cg24527881	1	45,187,630	2.72E-14	0.265	0.251				<i>C1orf228</i>	Body
cg07540103	17	6,679,499	0.005691	0.265	0.247				<i>FBXO39</i>	TSS200
cg12869615	X	101,906,288	0.043889	0.265	0.321				<i>GPRASP1</i>	TSS200
cg08302480	19	54,369,133	9.26E-19	0.265	0.253				<i>MYADM</i>	TSS1500
cg09474229	19	39,360,330	0.010964	0.265	0.311				<i>RINL</i>	Body
cg14996220	12	85,673,270	0.015854	0.265	0.295				<i>ALX1</i>	TSS1500
cg04610224	11	111,411,756	0.007767	0.265	0.297				<i>LAYN</i>	Body
cg10694152	13	99,404,506	0.004428	0.265	0.235	2.44E-16	0.206		<i>SLC15A1</i>	Body
cg00877887	15	45,406,654	0.000474	0.265	0.233	8.26E-11	0.111		<i>DUOXA2</i>	1stExon
cg21056992	19	17,392,414	0.015906	0.265	0.243				<i>ANKLE1</i>	TSS200
cg13980799	10	119,000,215	2.59E-07	0.265	0.251				<i>SLC18A2</i>	TSS1500
cg15854847	8	23,563,970	0.001972	0.265	0.220				<i>NKX2-6</i>	TSS200

cg17265380	21	26,934,383	0.02291	0.265	0.238				<i>MIR155HG</i>	TSS200
cg04303382	17	77,766,421	1.44E-06	0.265	0.264					
cg00919971	7	1,286,149	0.000304	0.265	0.235					
cg09578794	14	104,690,040	1.09E-13	0.265	0.238					
cg26305817	5	172,656,055	0.000446	0.265	0.227					
cg01476568	10	5,734,716	4.01E-11	0.265	0.229				<i>C10orf18</i>	5'UTR
cg00173659	7	156,871,088	9.41E-09	0.265	0.273					
cg12523526	5	2,756,005	0.020471	0.265	0.246					
cg01539133	19	4,607,324	0.005276	0.265	0.165					
cg11764900	6	38,683,035	1.81E-12	0.265	0.249					
cg04934382	17	77,766,335	4.92E-07	0.265	0.266					
cg14121142	12	49,391,363	0.000347	0.265	0.337				<i>DDN</i>	Body
cg21091547	6	36,645,500	2.51E-05	0.265	0.277				<i>CDKN1A</i>	TSS1500
cg24828151	5	54,516,779	0.001679	0.265	0.264					
cg00918944	9	35,908,117	1.22E-11	0.265	0.272				<i>LOC158376</i>	TSS1500
cg01383997	3	126,423,799	7.14E-06	0.265	0.188				<i>CHCHD6</i>	Body
cg04666027	15	74,583,589	0.000498	0.265	0.204				<i>CCDC33</i>	Body
cg07265743	17	59,535,253	1.92E-06	0.265	0.274				<i>TBX4</i>	Body
cg25959149	20	17,674,250	5.26E-05	0.265	0.259				<i>BANF2</i>	TSS200
cg01899130	14	55,348,681	0.010693	0.265	0.250				<i>GCH1</i>	Body
cg00347677	1	63,795,636	5.24E-07	0.265	0.278					
cg26430059	14	89,770,384	0.023871	0.265	0.240				<i>FOXN3</i>	Body
cg03743720	2	241,460,002	1.22E-35	0.265	0.256				<i>ANKMY1</i>	Body
cg18031850	19	33,716,452	3.47E-06	0.265	0.257				<i>SLC7A10</i>	Body
cg18062140	20	55,967,678	7.68E-14	0.265	0.248				<i>RBM38</i>	Body
cg15792487	17	7,348,316	7.04E-13	0.265	0.223				<i>CHRNA1</i>	TSS200
cg26644853	16	57,406,257	5.22E-09	0.265	0.248				<i>CX3CL1</i>	TSS200
cg16144883	17	398,066	3.87E-41	0.265	0.263					
cg00490075	13	27,359,547	7.22E-05	0.265	0.274					
cg08282145	14	24,868,755	1.65E-09	0.265	0.278				<i>NYNRIN</i>	Body
cg23003500	3	42,543,530	0.024191	0.265	0.277				<i>VIPR1</i>	TSS1500
cg03804400	3	143,505,340	5.09E-27	0.265	0.264				<i>SLC9A9</i>	Body
cg05668342	16	1,340,422	4.26E-09	0.265	0.270					
cg16805068	20	31,410,931	3.45E-22	0.265	0.239				<i>MAPRE1</i>	5'UTR

cg00884221	4	57,976,915	0.01535	0.265	0.299	2.53E-07	0.135		<i>IGFBP7</i>	TSS1500
cg12951849	18	11,148,932	0.001038	0.265	0.231				<i>FAM38B</i>	TSS200
cg02511809	5	112,073,544	0.000346	0.265	0.148				<i>APC</i>	TSS200
cg11931727	2	58,655,790	0.010881	0.265	0.093					
cg19355079	19	23,253,218	0.001024	0.265	0.296					
cg21633059	5	146,863,675	1.43E-07	0.265	0.270					
cg05493001	19	52,195,559	4.24E-12	0.265	0.243				<i>MIR125A</i>	TSS1500
cg08750439	11	128,321,880	1.81E-19	0.265	0.261			Yes		
cg20587808	3	184,320,123	2.53E-11	0.265	0.249					
cg07714420	16	85,123,342	2.62E-14	0.265	0.262				<i>KIAA0513</i>	3'UTR
cg19764143	14	60,974,499	0.016343	0.265	0.216				<i>SIX6</i>	TSS1500
cg00177388	5	72,677,886	0.00014	0.265	0.246					
cg25298161	15	41,806,135	7.94E-07	0.265	0.254				<i>LTK</i>	TSS200
cg14659662	1	54,151,053	6.68E-14	0.265	0.268				<i>GLIS1</i>	5'UTR
cg23164183	5	2,754,894	0.000177	0.265	0.294				<i>C5orf38</i>	Body
cg14076258	11	77,183,807	2.43E-07	0.265	0.257				<i>PAK1</i>	5'UTR
cg15033068	19	3,801,922	6.3E-07	0.265	0.278				<i>MATK</i>	TSS200
cg07044708	15	75,471,034	7.66E-07	0.265	0.257					
cg16356622	1	36,351,841	1.12E-16	0.265	0.253				<i>EIF2C1</i>	Body
cg20189244	7	96,648,205	1.43E-10	0.265	0.257					
cg19465165	2	131,130,103	0.002118	0.265	0.212				<i>PTPN18</i>	Body
cg05349016	17	43,170,343	2.28E-12	0.265	0.270				<i>NMT1</i>	Body
cg10397678	14	103,655,712	6.23E-11	0.265	0.256					
cg07157030	14	63,671,356	9.13E-08	0.265	0.236				<i>RHOJ</i>	5'UTR
cg10422777	9	79,631,227	1.56E-05	0.265	0.222					
cg02115781	2	172,175,273	3.26E-15	0.265	0.238				<i>METTL8</i>	3'UTR
cg03955537	17	80,806,388	2.03E-10	0.264	0.286				<i>TBCD</i>	Body
cg01055281	16	50,746,052	6E-09	0.264	0.215				<i>NOD2</i>	Body
cg07165066	13	23,952,576	8.11E-06	0.264	0.238				<i>SACS</i>	Body
cg19529551	3	133,615,241	2.16E-07	0.264	0.187				<i>RAB6B</i>	TSS1500
cg08149253	22	45,899,292	3.59E-08	0.264	0.225				<i>FBLN1</i>	Body
cg12459718	17	8,129,997	0.001013	0.264	0.193				<i>C17orf68</i>	3'UTR
cg22110896	17	59,533,081	8.06E-16	0.264	0.238				<i>TBX4</i>	TSS1500
cg23003534	10	105,036,747	0.018985	0.264	0.250				<i>INA</i>	TSS200

cg01178624	11	65,360,327	0.001379	0.264	0.267					<i>KCNK7</i>	3'UTR
cg15809959	17	36,720,382	3.26E-06	0.264	0.270					<i>SRCIN1</i>	Body
cg16525435	3	193,994,972	1.25E-18	0.264	0.252						
cg22737624	5	140,750,111	0.002197	0.264	0.317					<i>PCDHGA4</i>	Body
cg25572105	7	95,025,955	0.000232	0.264	0.212					<i>PON3</i>	TSS1500
cg26697605	7	1,850,801	0.028803	0.264	0.172						
cg04454571	11	61,525,216	2.41E-20	0.264	0.254					<i>DKFZP434K028</i>	TSS200
cg08615596	12	68,758,840	6.26E-06	0.264	0.241						
cg13340269	X	100,333,778	0.007855	0.264	0.283	4.73E-07	0.112			<i>TMEM35</i>	TSS200
cg16649560	16	27,338,391	4.4E-13	0.264	0.259					<i>IL4R</i>	5'UTR
cg21122225	2	238,832,508	0.00778	0.264	0.167						
cg22153181	4	172,734,431	3.47E-05	0.264	0.281					<i>GALNTL6</i>	TSS200
cg25753817	2	191,208,232	0.000833	0.264	0.143	3.2E-19	0.171			<i>INPP1</i>	1stExon
cg00864474	17	9,143,838	0.001444	0.264	0.202					<i>NTN1</i>	3'UTR
cg06377106	1	20,618,331	9.73E-06	0.264	0.235					<i>VWA5B1</i>	5'UTR
cg19611886	8	103,821,171	1.13E-09	0.264	0.268						
cg22372930	19	55,630,001	1.7E-07	0.264	0.279					<i>PPP1R12C</i>	TSS1500
cg26557756	7	42,278,096	7.45E-13	0.264	0.281					<i>GLI3</i>	TSS1500
cg18499443	10	100,993,553	8.99E-05	0.264	0.279					<i>HPSE2</i>	Body
cg19883384	8	25,905,478	0.002522	0.264	0.226						
cg00834796	5	147,161,924	0.000294	0.264	0.219	0.0000353	0.078	Yes		<i>JAKMIP2</i>	5'UTR
cg02779592	X	99,899,134	0.000243	0.264	0.281					<i>SRPX2</i>	TSS200
cg19016332	1	179,545,294	9.21E-05	0.264	0.216					<i>NPHS2</i>	TSS1500
cg05571970	6	166,422,182	1.97E-06	0.264	0.226						
cg09400316	6	12,957,697	0.010568	0.264	0.244					<i>PHACTR1</i>	Body
cg09683350	15	89,914,466	0.000246	0.264	0.180						
cg02059509	10	30,405,144	3.24E-06	0.264	0.240						
cg03281561	3	159,942,181	0.001965	0.264	0.317					<i>LOC401097</i>	TSS1500
cg20291321	X	36,981,602	0.00195	0.264	0.335						
cg15962744	12	114,328,074	1.91E-11	0.264	0.255					<i>RBM19</i>	Body
cg17568707	6	137,818,327	0.000394	0.264	0.276						
cg04392209	X	119,124,215	0.013448	0.264	0.353						
cg06469542	14	77,965,869	1.24E-11	0.264	0.246					<i>ISM2</i>	TSS1500
cg26630231	13	112,726,482	0.011589	0.264	0.338						

cg00834923	16	85,393,998	3.51E-12	0.264	0.246					
cg05265607	10	98,900,817	5.76E-07	0.264	0.305			Yes	<i>SLIT1</i>	Body
cg26332310	1	91,182,305	0.000645	0.264	0.295				<i>BARHL2</i>	1stExon
cg09333785	4	8,202,491	0.000307	0.264	0.240				<i>SH3TC1</i>	5'UTR
cg20100910	10	102,475,429	0.034888	0.264	0.357					
cg23318812	12	66,123,127	0.028233	0.264	0.282					
cg03911745	8	49,486,641	2.71E-17	0.264	0.286					
cg21903817	17	56,406,118	2.51E-05	0.264	0.287				<i>BZRAP1</i>	1stExon
cg02238178	22	37,545,969	3.6E-05	0.264	0.211				<i>IL2RB</i>	TSS200
cg17178761	17	55,682,851	1.92E-05	0.264	0.205				<i>MSI2</i>	Body
cg05215004	6	6,546,556	0.005202	0.264	0.152				<i>LOC285780</i>	Body
cg13871633	3	42,947,385	0.011323	0.264	0.155				<i>ZNF662</i>	TSS1500
cg06204062	3	116,164,512	0.00017	0.264	0.210				<i>LSAMP</i>	TSS200
cg17969560	11	65,324,768	6.85E-18	0.264	0.234				<i>LTBP3</i>	Body
cg18309255	2	218,179,272	4.42E-10	0.264	0.220				<i>DIRC3</i>	Body
cg22578916	6	31,830,651	0.035959	0.264	0.238				<i>NEU1</i>	5'UTR
cg02855778	7	157,462,914	2.1E-15	0.264	0.234				<i>PTPRN2</i>	Body
cg04986899	16	17,553,784	1.41E-24	0.264	0.264				<i>XYLT1</i>	Body
cg17453456	1	156,094,519	2.33E-16	0.264	0.266				<i>LMNA</i>	Body
cg01601050	14	25,519,778	0.007848	0.264	0.216				<i>STXBP6</i>	TSS1500
cg17495715	2	176,950,273	2.69E-06	0.264	0.269					
cg04361551	3	134,125,573	0.044813	0.264	0.357					
cg24903893	5	158,522,515	6.73E-05	0.264	0.264				<i>EBF1</i>	Body
cg03224396	1	221,017,300	0.002473	0.264	0.266					
cg08838158	2	118,594,167	6.6E-36	0.264	0.247					
cg19240857	6	31,683,109	4.98E-20	0.264	0.257				<i>LY6G6E</i>	TSS1500
cg23610453	10	79,470,966	8.5E-08	0.264	0.162					
cg06204711	1	119,528,424	0.002318	0.264	0.340				<i>TBX15</i>	5'UTR
cg09778422	X	64,887,118	1.05E-07	0.264	0.189				<i>MSN</i>	TSS1500
cg13770461	11	46,016,312	1.27E-13	0.264	0.262				<i>PHF21A</i>	Body
cg15459780	12	104,609,980	1.26E-06	0.264	0.257				<i>TXNRD1</i>	Body
cg19339179	4	113,324,678	3.3E-24	0.264	0.249				<i>ALPK1</i>	Body
cg27638727	5	36,066,944	3.02E-06	0.264	0.209				<i>UGT3A2</i>	1stExon
cg02593205	12	26,348,343	0.020109	0.264	0.210				<i>SSPN</i>	5'UTR

cg18234115	1	245,673,856	7.66E-06	0.264	0.279				<i>KIF26B</i>	Body
cg13080487	11	34,622,359	8.2E-05	0.264	0.260					
cg22592160	5	124,995,555	8.84E-11	0.264	0.276					
cg22747746	8	23,564,193	5.17E-05	0.264	0.250				<i>NKX2-6</i>	TSS1500
cg21692666	1	17,199,302	7.65E-06	0.264	0.272					
cg00319774	8	33,455,184	0.000834	0.264	0.234				<i>DUSP26</i>	5'UTR
cg13114497	22	18,986,775	0.001354	0.264	0.275					
cg06085011	4	54,965,999	0.001439	0.264	0.270				<i>GSX2</i>	TSS1500
cg02892772	1	44,991,042	3.07E-24	0.264	0.244				<i>RNF220</i>	Body
cg13951311	9	139,499,374	6.14E-07	0.264	0.237					
cg19188306	11	111,410,935	4.73E-12	0.264	0.231				<i>LAYN</i>	TSS1500
cg22249789	2	63,284,574	9.31E-06	0.264	0.237					
cg14608318	19	17,392,429	0.019131	0.264	0.242				<i>ANKLE1</i>	TSS200
cg20377627	16	23,194,721	0.001121	0.264	0.176				<i>SCNN1G</i>	5'UTR
cg03161476	1	203,596,940	0.028312	0.264	0.360				<i>ATP2B4</i>	5'UTR
cg03704700	16	75,529,019	0.00615	0.264	0.223				<i>CHST6</i>	TSS200
cg01548300	5	10,333,766	0.0194	0.264	0.286					
cg02751731	20	642,436	0.000132	0.264	0.292				<i>SCRT2</i>	3'UTR
cg17839721	2	97,193,174	0.001822	0.264	0.350					
cg13802013	20	37,303,351	2.18E-08	0.264	0.203					
cg20036207	19	10,397,031	3.11E-12	0.264	0.253				<i>ICAM4</i>	TSS1500
cg15120085	1	32,041,898	4.73E-05	0.264	0.209				<i>TINAGL1</i>	TSS200
cg16726201	X	49,087,385	4.37E-05	0.264	0.255				<i>CACNA1F</i>	Body
cg20312012	2	97,331,035	3.45E-14	0.264	0.249				<i>FER1L5</i>	Body
cg06192497	2	63,276,216	0.024703	0.264	0.271				<i>LOC100132215</i>	TSS1500
cg02493798	17	6,899,577	7.32E-10	0.264	0.209				<i>ALOX12</i>	Body
cg12091944	2	215,675,105	0.000323	0.264	0.169				<i>BARD1</i>	TSS1500
cg12351587	4	85,405,251	6.81E-06	0.264	0.209					
cg04194947	2	177,012,191	8.23E-09	0.263	0.225					
cg10603004	8	23,564,294	0.00043	0.263	0.225				<i>NKX2-6</i>	TSS1500
cg15441392	8	25,900,020	1.96E-06	0.263	0.223				<i>EBF2</i>	Body
cg19046826	17	48,546,297	0.001281	0.263	0.228				<i>CHAD</i>	TSS200
cg02155658	20	21,690,036	3.56E-06	0.263	0.282				<i>PAX1</i>	Body
cg03163783	2	200,326,591	2.94E-07	0.263	0.250				<i>SATB2</i>	TSS1500

cg05781984	6	43,237,642	2.22E-09	0.263	0.256				<i>TTBK1</i>	Body
cg02681370	6	32,156,482	0.001087	0.263	0.253				<i>PBX2</i>	Body
cg16764274	2	223,290,168	3.35E-14	0.263	0.246				<i>SGPP2</i>	Body
cg24164254	9	137,329,341	1.51E-10	0.263	0.256				<i>RXRA</i>	3'UTR
cg08871052	2	42,274,619	0.042657	0.263	0.300				<i>PKDCC</i>	TSS1500
cg04544858	5	67,489,737	1.38E-08	0.263	0.297					
cg27324426	19	58,220,837	8.3E-05	0.263	0.232				<i>ZNF154</i>	TSS1500
cg04605287	1	54,953,486	0.002889	0.263	0.189					
cg15540820	3	27,765,283	0.002252	0.263	0.231	3.38E-10	0.168		<i>EOMES</i>	TSS1500
cg24559969	X	111,326,800	3.72E-05	0.263	0.270				<i>TRPC5</i>	TSS1500
cg03671597	17	27,333,463	0.000105	0.263	0.282				<i>SEZ6</i>	TSS1500
cg13050240	14	24,809,068	3.76E-06	0.263	0.227				<i>RIPK3</i>	5'UTR
cg02134353	6	108,440,118	0.001726	0.263	0.274					
cg14429204	1	16,553,327	9.69E-07	0.263	0.231					
cg15644764	1	202,592,914	7.64E-13	0.263	0.261				<i>SYT2</i>	5'UTR
cg17920789	13	47,152,525	8.5E-07	0.263	0.261				<i>LRCH1</i>	Body
cg01243371	16	86,547,386	0.002258	0.263	0.268				<i>FOXF1</i>	3'UTR
cg09502015	5	87,441,873	3.27E-08	0.263	0.263					
cg07448742	6	30,657,984	4.73E-25	0.263	0.255				<i>NRM</i>	Body
cg08770870	17	154,410	0.002768	0.263	0.211				<i>RPH3AL</i>	Body
cg10588962	17	46,667,587	5.8E-12	0.263	0.246				<i>LOC404266</i>	TSS1500
cg14515614	9	116,969,440	6.1E-11	0.263	0.286				<i>COL27A1</i>	Body
cg23827488	6	24,908,452	6.07E-05	0.263	0.200				<i>FAM65B</i>	5'UTR
cg26056498	8	1,030,319	0.04863	0.263	0.232					
cg01097384	11	1,358,675	4.96E-07	0.263	0.290					
cg01423335	13	93,881,110	0.000627	0.263	0.189				<i>GPC6</i>	Body
cg04927537	17	76,976,091	0.001579	0.263	0.215				<i>LGALS3BP</i>	TSS200
cg07931411	19	15,580,721	0.036071	0.263	0.359				<i>PGLYRP2</i>	Body
cg10189661	6	31,683,120	1.25E-16	0.263	0.241				<i>LY6G6E</i>	TSS1500
cg20600729	12	50,344,475	2.44E-16	0.263	0.244				<i>AQP2</i>	TSS200
cg21209395	9	35,406,764	1.51E-05	0.263	0.183				<i>LOC158381</i>	Body
cg11674130	22	50,523,689	6E-11	0.263	0.252				<i>MLC1</i>	5'UTR
cg18164611	1	46,958,628	4.38E-07	0.263	0.269					
cg09457469	17	7,197,507	0.021535	0.263	0.133				<i>YBX2</i>	Body



cg19403377	17	53,800,225	0.004705	0.263	0.284				<i>TMEM100</i>	TSS200
cg15126975	2	175,208,605	0.018988	0.263	0.292					
cg03352428	19	51,843,601	1.75E-08	0.263	0.243				<i>VSIG10L</i>	Body
cg07595602	1	240,783,371	0.001192	0.263	0.184					
cg20956278	22	38,478,457	3.95E-06	0.263	0.278				<i>SLC16A8</i>	Body
cg07821354	19	6,768,010	0.004605	0.263	0.157				<i>SH2D3A</i>	TSS1500
cg26783057	10	118,891,670	0.022621	0.263	0.314				<i>VAX1</i>	3'UTR
cg15982700	7	27,154,911	3.52E-09	0.263	0.248				<i>HOXA3</i>	5'UTR
cg12304520	5	140,810,123	0.002791	0.263	0.303				<i>PCDHGA4</i>	Body
cg01397141	15	79,502,137	0.001665	0.263	0.268				<i>MIR184</i>	Body
cg01856645	5	78,365,647	3.35E-09	0.263	0.209				<i>DMGDH</i>	TSS200
cg01883425	6	41,606,770	0.009255	0.263	0.184				<i>MDFI</i>	Body
cg03790740	13	24,337,521	3.03E-16	0.263	0.257				<i>MIPEP</i>	Body
cg18741958	3	124,913,784	1.05E-10	0.263	0.216				<i>SLC12A8</i>	Body
cg16793187	11	115,530,431	8.25E-05	0.263	0.221					
cg07642638	20	5,891,786	2.31E-06	0.263	0.193	3.9E-23	0.147		<i>CHGB</i>	TSS200
cg15792653	10	118,924,342	4.83E-05	0.263	0.281					
cg08034379	2	228,736,324	0.004495	0.263	0.299				<i>WDR69</i>	TSS200
cg02381279	19	16,394,366	5.21E-09	0.263	0.266					
cg22321572	6	168,225,923	9.06E-10	0.263	0.207				<i>C6orf124</i>	Body
cg25296103	2	145,268,533	2.69E-08	0.263	0.253				<i>ZEB2</i>	Body
cg19762657	2	95,692,524	7.32E-06	0.263	0.232				<i>MAL</i>	Body
cg07152196	2	87,016,436	0.000362	0.263	0.298				<i>CD8A</i>	Body
cg00727673	3	53,190,763	2.22E-11	0.263	0.240					
cg16573755	2	172,958,337	0.002472	0.263	0.235					
cg05294159	17	43,047,548	1.13E-13	0.263	0.262					
cg18049571	8	54,791,151	5.94E-07	0.263	0.225				<i>RGS20</i>	Body
cg05429448	3	101,659,630	6.37E-10	0.263	0.268				<i>LOC152225</i>	TSS200
cg06482188	17	77,644,545	1.74E-16	0.263	0.260					
cg17264618	3	40,429,014	0.000641	0.263	0.212	1.15E-18	0.201		<i>ENTPD3</i>	5'UTR
cg22502502	6	25,962,567	0.000509	0.263	0.259	0.0002059	0.119		<i>TRIM38</i>	TSS1500
cg06559274	6	108,487,903	0.001945	0.263	0.330				<i>NR2E1</i>	5'UTR
cg04255230	2	74,727,010	8.34E-22	0.263	0.258				<i>LBX2</i>	Body
cg05111603	4	38,213,171	2.92E-10	0.263	0.289					

cg14171486	1	155,139,557	2.02E-06	0.263	0.292					
cg16536399	18	77,230,665	2.01E-14	0.263	0.262				<i>NFATC1</i>	Body
cg18044383	18	59,001,158	9.83E-05	0.263	0.266					
cg24727399	4	122,302,265	0.029576	0.263	0.267				<i>QRFPR</i>	TSS200
cg04947764	15	79,502,127	0.002468	0.263	0.276				<i>MIR184</i>	TSS200
cg12059864	6	111,989,790	7.32E-17	0.263	0.272				<i>FYN</i>	Body
cg12924309	12	125,105,776	9.78E-20	0.263	0.249					
cg03461110	7	4,778,881	4.48E-15	0.263	0.246				<i>FOXK1</i>	Body
cg13532885	X	47,478,770	0.007034	0.263	0.181				<i>SYN1</i>	1stExon
cg13469595	1	111,813,852	6.06E-06	0.263	0.294					
cg04724735	19	7,927,554	0.003625	0.263	0.261				<i>EVI5L</i>	Body
cg06840491	10	48,416,966	1.28E-16	0.263	0.250				<i>GDF2</i>	TSS200
cg19443023	17	78,923,344	2.76E-65	0.263	0.262				<i>RPTOR</i>	Body
cg02571142	8	42,234,803	3.86E-19	0.263	0.256				<i>DKK4</i>	TSS200
cg03202564	10	50,977,130	4.7E-06	0.263	0.270					
cg23697796	10	93,334,974	2.96E-09	0.263	0.257				<i>LOC100188947</i>	Body
cg19377250	7	100,463,206	6.05E-19	0.263	0.237				<i>SLC12A9</i>	Body
cg19971716	4	122,301,740	0.011902	0.263	0.239				<i>QRFPR</i>	1stExon
cg01796166	14	95,239,586	0.000252	0.263	0.268					
cg24559983	21	38,592,988	0.009212	0.263	0.132					
cg03366986	17	59,530,021	2.79E-06	0.263	0.254					
cg05986505	8	99,955,563	5.7E-12	0.263	0.260				<i>OSR2</i>	TSS1500
cg04642923	11	33,398,366	0.007176	0.263	0.204					
cg19691778	8	97,157,756	0.001502	0.263	0.220				<i>GDF6</i>	Body
cg08983097	6	117,586,538	0.000294	0.263	0.293				<i>VGLL2</i>	TSS200
cg19559891	15	31,515,984	6.09E-06	0.263	0.287					
cg23082339	5	140,810,051	0.027361	0.263	0.335				<i>PCDHGA4</i>	Body
cg04421553	3	38,036,060	0.021393	0.263	0.107				<i>VILL</i>	Body
cg00093087	12	50,344,548	1.23E-43	0.263	0.240				<i>AQP2</i>	5'UTR
cg17298239	18	3,499,253	0.046858	0.263	0.165				<i>DLGAP1</i>	Body
cg04003850	3	192,126,165	0.026284	0.263	0.242				<i>FGF12</i>	5'UTR
cg15351951	18	2,907,472	7.76E-07	0.263	0.245				<i>EMILIN2</i>	Body
cg15826810	4	124,572,578	0.000283	0.263	0.174				<i>LOC285419</i>	TSS1500
cg27295642	5	74,952,444	0.00278	0.263	0.174					

cg23520422	12	76,423,956	0.007249	0.263	0.113				<i>PHLDA1</i>	3'UTR
cg24336989	6	10,385,903	0.003261	0.263	0.286					
cg25429719	2	208,989,324	9.06E-07	0.263	0.273				<i>CRYGD</i>	TSS200
cg19592235	15	65,360,486	0.016453	0.263	0.168				<i>RASL12</i>	TSS200
cg02923856	3	23,989,124	7.57E-16	0.263	0.275				<i>NR1D2</i>	5'UTR
cg10390305	15	70,878,049	4.38E-05	0.263	0.196					
cg06746118	10	118,922,887	0.028128	0.263	0.279					
cg02177231	1	119,529,930	0.004221	0.263	0.182				<i>TBX15</i>	5'UTR
cg08198377	14	51,707,975	8.26E-06	0.263	0.227				<i>TMX1</i>	Body
cg08762432	10	21,358,991	3.68E-08	0.263	0.268				<i>NEBL</i>	Body
cg03152187	17	75,417,165	0.005665	0.263	0.152				<i>SEPT9</i>	Body
cg23728669	11	63,258,734	0.045683	0.263	0.228				<i>HRASLS5</i>	TSS200
cg04118124	1	43,231,249	2.72E-05	0.263	0.143				<i>LEPRE1</i>	Body
cg06478085	19	33,876,779	2.15E-14	0.263	0.268					
cg08034070	17	40,805,868	0.049352	0.263	0.131					
cg14269973	13	46,425,904	0.001928	0.263	0.235				<i>SIAH3</i>	TSS200
cg00768359	19	51,456,308	0.004039	0.263	0.275				<i>KLK5</i>	5'UTR
cg05301470	6	28,558,006	1.04E-05	0.263	0.266					
cg19480198	19	18,896,853	1.68E-08	0.263	0.217				<i>COMP</i>	Body
cg21032564	15	65,381,956	1.92E-17	0.263	0.243					
cg12995113	11	123,008,408	1.92E-05	0.263	0.157				<i>ASAM</i>	Body
cg08775137	4	41,880,319	7.93E-11	0.262	0.262					
cg26470798	16	54,971,598	3.33E-06	0.262	0.264					
cg01850783	6	129,204,540	0.011301	0.262	0.320				<i>LAMA2</i>	Body
cg17634781	4	186,508,880	5.58E-10	0.262	0.269				<i>SORBS2</i>	Body
cg25451303	19	30,720,025	0.001583	0.262	0.244					
cg06152533	3	3,840,333	0.037266	0.262	0.059				<i>LRRN1</i>	TSS1500
cg10199763	14	24,458,299	2.54E-08	0.262	0.250				<i>DHRS4L2</i>	Body
cg15159104	15	43,809,865	8.35E-14	0.262	0.243				<i>MAP1A</i>	5'UTR
cg17820591	17	4,853,706	0.015626	0.262	0.204	8.44E-19	0.157		<i>ENO3</i>	TSS1500
cg21267231	15	45,406,706	2.84E-06	0.262	0.236				<i>DUOXA2</i>	1stExon
cg16624888	12	109,711,141	3.89E-11	0.262	0.268					
cg00767581	2	177,015,125	2.6E-08	0.262	0.211	0.0000543	0.072		<i>HOXD4</i>	TSS1500
cg10589443	7	30,028,281	0.016114	0.262	0.169				<i>SCRN1</i>	5'UTR

cg10754215	4	8,073,804	0.016033	0.262	0.215				<i>ABLIM2</i>	Body
cg12441066	17	55,456,535	1.43E-13	0.262	0.239				<i>MSI2</i>	Body
cg07522516	4	48,492,196	0.001871	0.262	0.295				<i>ZAR1</i>	TSS200
cg08774871	16	85,783,575	3.2E-13	0.262	0.229				<i>C16orf74</i>	5'UTR
cg15415452	13	112,759,355	0.021333	0.262	0.306					
cg26253898	2	163,006,202	1.6E-09	0.262	0.197				<i>GCG</i>	5'UTR
cg01062395	6	29,855,636	0.005724	0.262	0.230				<i>HLA-H</i>	Body
cg17640147	8	142,302,237	3.36E-22	0.262	0.263					
cg02855833	8	12,293,509	0.010032	0.262	0.179				<i>FAM86B2</i>	Body
cg11145461	1	201,475,451	3.83E-05	0.262	0.276				<i>CSRP1</i>	5'UTR
cg11213369	7	1,270,925	1.41E-14	0.262	0.257					
cg14659346	2	233,246,431	0.017341	0.262	0.220				<i>ALPP</i>	Body
cg25807487	11	68,782,106	4.53E-09	0.262	0.271				<i>MRGPRF</i>	TSS1500
cg15916192	12	63,025,948	0.018553	0.262	0.215					
cg14852394	2	67,116,039	5.7E-12	0.262	0.244					
cg25979543	1	17,888,104	6.47E-20	0.262	0.258				<i>ARHGEF10L</i>	5'UTR
cg24303731	7	14,942,359	0.003121	0.262	0.322					
cg10975889	1	221,057,808	4.81E-11	0.262	0.236				<i>HLX</i>	Body
cg03719509	5	77,945,178	0.031512	0.262	0.188				<i>LHFPL2</i>	TSS1500
cg21619653	2	45,163,188	0.004679	0.262	0.362					
cg16849024	19	41,934,210	6.33E-76	0.262	0.254				<i>B3GNT8</i>	5'UTR
cg18415686	14	36,005,164	2.24E-14	0.262	0.243				<i>INSM2</i>	3'UTR
cg25302087	6	21,668,049	7.37E-10	0.262	0.294				<i>FLJ22536</i>	Body
cg04233193	16	1,340,362	1.28E-06	0.262	0.244					
cg01807688	X	133,680,740	0.020433	0.262	0.242				<i>MGC16121</i>	TSS200
cg16220788	11	46,005,268	9.4E-21	0.262	0.259				<i>PHF21A</i>	Body
cg19580937	15	70,740,429	1.09E-15	0.262	0.245					
cg18500988	4	54,959,708	1.76E-12	0.262	0.238					
cg02400740	7	19,157,938	0.012836	0.262	0.254				<i>TWIST1</i>	TSS1500
cg05822633	20	11,898,531	0.022507	0.262	0.069				<i>BTBD3</i>	5'UTR
cg08594554	17	72,231,318	5.57E-09	0.262	0.254				<i>TTYH2</i>	Body
cg11504517	1	3,569,899	6.21E-10	0.262	0.245				<i>TP73</i>	5'UTR
cg02508651	17	46,604,554	2.25E-05	0.262	0.214					
cg02320740	10	106,400,259	0.03822	0.262	0.194				<i>SORCS3</i>	TSS1500

cg26940479	16	85,201,840	1.01E-05	0.262	0.205					
cg05638493	5	140,683,367	3.15E-05	0.262	0.233				<i>SLC25A2</i>	1stExon
cg02892388	7	155,260,310	0.000653	0.262	0.255					
cg09671955	1	169,429,972	4.58E-10	0.262	0.267					
cg20652899	11	117,747,940	4.6E-17	0.262	0.253				<i>FXVD6</i>	5'UTR
cg20664636	17	1,959,596	1.22E-07	0.262	0.257				<i>HIC1</i>	TSS200
cg20019985	11	32,008,961	0.00171	0.262	0.310					
cg11668419	1	68,025,026	2.87E-06	0.262	0.250					
cg18926409	15	65,174,571	1.32E-17	0.262	0.251					
cg02473781	22	22,007,095	1.46E-33	0.262	0.238				<i>MIR130B</i>	TSS1500
cg20849109	8	1,954,777	5.27E-06	0.262	0.283				<i>KBTD11</i>	3'UTR
cg14846965	18	13,611,481	2.99E-05	0.262	0.241				<i>C18orf1</i>	TSS200
cg27191312	19	12,750,958	0.004851	0.262	0.229					
cg05961809	4	154,710,523	0.003131	0.262	0.340				<i>SFRP2</i>	TSS1500
cg15608939	17	8,907,074	0.000274	0.262	0.236					
cg16073143	6	159,360,073	2.25E-07	0.262	0.269					
cg21011139	11	7,695,245	1.16E-07	0.262	0.234				<i>CYB5R2</i>	TSS1500
cg19942459	11	70,508,110	1.41E-06	0.262	0.242				<i>SHANK2</i>	Body
cg22745354	2	928,720	7.24E-19	0.262	0.240					
cg20980783	8	67,874,178	0.002331	0.262	0.155					
cg11159604	1	91,316,223	2.42E-05	0.262	0.221					
cg16239482	3	181,437,145	0.034991	0.262	0.330				<i>SOX2OT</i>	Body
cg02751808	2	71,125,521	4.41E-05	0.262	0.290					
cg08128274	1	206,832,043	6.14E-05	0.262	0.262					
cg11746813	12	54,448,090	3.83E-07	0.262	0.245				<i>HOXC4</i>	1stExon
cg26053073	8	131,455,383	0.01909	0.262	0.133					
cg15454486	2	192,543,810	0.032971	0.262	0.162				<i>OBFC2A</i>	Body
cg20939723	2	171,570,700	7.34E-05	0.262	0.213				<i>LOC440925</i>	Body
cg22894896	17	29,886,890	0.001702	0.262	0.323				<i>MIR193A</i>	TSS200
cg04099705	16	1,397,981	4.5E-08	0.262	0.254				<i>BAIAP3</i>	Body
cg06215569	1	110,611,465	0.001916	0.262	0.327				<i>ALX3</i>	Body
cg26595643	10	118,899,291	7.26E-06	0.262	0.238				<i>VAX1</i>	TSS1500
cg09569850	2	64,955,034	2.33E-09	0.262	0.304					
cg13537237	2	241,908,681	2.41E-08	0.262	0.247					

cg16604035	1	27,863,299	3.98E-12	0.262	0.234				<i>AHDC1</i>	3'UTR
cg19599386	2	113,420,964	3.17E-09	0.262	0.272				<i>SLC20A1</i>	3'UTR
cg01876531	1	208,405,868	3.16E-07	0.262	0.261				<i>PLXNA2</i>	5'UTR
cg09581649	16	4,572,735	2.33E-22	0.262	0.251				<i>C16orf5</i>	5'UTR
cg25839877	17	76,361,930	6.2E-13	0.262	0.257					
cg17059658	18	905,101	0.019391	0.262	0.275				<i>ADCYAP1</i>	5'UTR
cg14353137	8	67,873,799	0.039238	0.262	0.187					
cg03075709	5	2,755,820	0.003895	0.262	0.299					
cg25947408	5	133,451,383	9.69E-16	0.262	0.237				<i>TCF7</i>	5'UTR
cg13510327	6	31,830,729	0.047206	0.262	0.244				<i>NEU1</i>	TSS200
cg10635122	19	52,391,090	0.011424	0.262	0.258				<i>ZNF577</i>	Body
cg15746187	1	11,713,123	1.44E-09	0.262	0.240				<i>FBXO2</i>	Body
cg20378690	8	22,723,551	6.09E-08	0.262	0.196			Yes	<i>PEBP4</i>	Body
cg18417373	6	32,077,097	8.39E-06	0.262	0.233				<i>TNXB</i>	5'UTR
cg20406267	11	34,377,921	0.0049	0.262	0.219				<i>ABTB2</i>	Body
cg04363624	1	47,697,965	0.000138	0.262	0.246					
cg24343310	11	57,249,947	2.86E-23	0.262	0.272					
cg03989068	2	42,106,106	2.76E-13	0.262	0.238					
cg22488367	22	45,608,448	0.003236	0.262	0.269				<i>C22orf9</i>	Body
cg10880485	14	60,974,384	3.18E-06	0.262	0.238					
cg27154163	4	55,523,756	2.49E-05	0.262	0.174	8.67E-22	0.196		<i>KIT</i>	TSS1500
cg06879222	16	85,730,838	8.73E-08	0.262	0.224					
cg01996567	7	149,484,880	0.002242	0.262	0.215				<i>SSPO</i>	Body
cg08045906	6	32,120,625	9.14E-05	0.262	0.287				<i>PPT2</i>	TSS1500
cg12061069	17	2,755,793	6.98E-12	0.262	0.237				<i>RAP1GAP2</i>	Body
cg16852440	2	237,570,117	3.64E-08	0.262	0.247					
cg01467266	19	2,252,961	7.3E-16	0.261	0.271				<i>JSRP1</i>	Body
cg11697427	10	102,590,168	1.32E-06	0.261	0.275					
cg26142412	11	20,185,077	0.036339	0.261	0.282					
cg14595252	18	9,709,061	9.37E-06	0.261	0.164				<i>RAB31</i>	Body
cg16561893	6	85,483,536	0.003991	0.261	0.253					
cg00076538	5	38,257,555	7.98E-11	0.261	0.250				<i>EGFLAM</i>	TSS1500
cg22861561	12	48,397,730	0.001398	0.261	0.166				<i>COL2A1</i>	Body
cg24114154	17	46,655,829	0.00771	0.261	0.252				<i>HOXB4</i>	TSS200

cg20064106	2	178,257,871	0.001862	0.261	0.177				<i>LOC100130691</i>	TSS1500
cg03761750	12	6,184,355	1.54E-06	0.261	0.262				<i>VWF</i>	Body
cg08510658	6	10,882,927	5.75E-05	0.261	0.277				<i>GCM2</i>	TSS1500
cg08641579	7	79,083,447	0.000647	0.261	0.190				<i>MAGI2</i>	TSS1500
cg18390345	10	98,939,912	2.69E-16	0.261	0.252				<i>SLIT1</i>	Body
cg00332680	10	74,079,303	0.027918	0.261	0.187					
cg25158320	17	1,665,262	3.08E-08	0.261	0.279				<i>SERPINF1</i>	1stExon
cg04163638	2	16,832,247	8.81E-07	0.261	0.277				<i>FAM49A</i>	5'UTR
cg02337898	12	93,578,655	2.38E-09	0.261	0.242					
cg04036070	16	53,957,219	1.66E-06	0.261	0.268				<i>FTO</i>	Body
cg08555612	3	71,834,640	0.000192	0.261	0.210	2.97E-25	0.226		<i>PROK2</i>	TSS1500
cg10366178	3	13,323,866	1.45E-06	0.261	0.265					
cg26334154	3	42,132,310	5.03E-10	0.261	0.195				<i>TRAK1</i>	TSS1500
cg08218734	10	128,993,810	0.017714	0.261	0.178				<i>FAM196A</i>	5'UTR
cg08275025	11	314,493	0.000681	0.261	0.128				<i>IFITM1</i>	Body
cg08799997	6	167,737,937	5.63E-10	0.261	0.240				<i>TLL2</i>	TSS1500
cg19805748	17	71,003,041	3.06E-18	0.261	0.258				<i>SLC39A11</i>	Body
cg19120717	6	41,343,647	1.77E-05	0.261	0.299					
cg27541454	1	975,551	1.08E-06	0.261	0.253				<i>AGRN</i>	Body
cg13580029	7	123,569,748	8.96E-12	0.261	0.236			Yes	<i>SPAM1</i>	5'UTR
cg15603568	11	105,481,283	0.009396	0.261	0.262				<i>GRIA4</i>	5'UTR
cg06636195	2	109,533,679	0.016547	0.261	0.250				<i>EDAR</i>	Body
cg07846167	1	16,084,758	4.65E-05	0.261	0.295				<i>FBLIM1</i>	TSS1500
cg21082028	17	46,659,993	2.22E-06	0.261	0.234					
cg05224998	17	33,700,801	0.038367	0.261	0.362				<i>SLFN11</i>	TSS200
cg01709518	3	68,053,484	0.002118	0.261	0.338				<i>FAM19A1</i>	5'UTR
cg03972560	X	17,877,110	2.23E-11	0.261	0.272				<i>RAI2</i>	5'UTR
cg21821214	2	176,969,223	0.001081	0.261	0.293					
cg19885926	X	71,350,942	1.75E-08	0.261	0.249				<i>NHSL2</i>	Body
cg20605818	10	72,166,322	3.74E-12	0.261	0.241				<i>EIF4EBP2</i>	Body
cg10263682	3	181,413,847	0.028081	0.261	0.261				<i>SOX2OT</i>	Body
cg02711872	7	150,652,702	1.88E-17	0.261	0.270				<i>KCNH2</i>	5'UTR
cg08748913	5	137,071,788	4.04E-07	0.261	0.126				<i>KLHL3</i>	TSS200
cg22705959	2	208,635,887	7.07E-09	0.261	0.257					

cg23261919	10	135,072,960	5.64E-08	0.261	0.239					
cg04848693	7	2,078,786	3.57E-19	0.261	0.214				<i>MAD1L1</i>	Body
cg01619345	9	4,297,433	0.00051	0.261	0.203				<i>GLIS3</i>	5'UTR
cg02078525	16	66,400,395	3.16E-07	0.261	0.201				<i>CDH5</i>	TSS200
cg00157796	6	159,590,231	0.040363	0.261	0.199				<i>FNDC1</i>	TSS200
cg04792863	1	110,627,197	4.16E-06	0.261	0.246					
cg08566455	2	130,971,164	0.040803	0.261	0.212					
cg09437808	5	176,107,069	1.26E-07	0.261	0.311					
cg23334662	2	198,540,518	7.85E-11	0.261	0.271				<i>RFTN2</i>	1stExon
cg05301383	2	171,569,144	1.01E-05	0.261	0.245				<i>LOC440925</i>	Body
cg23588462	13	95,357,223	2.5E-06	0.261	0.260					
cg27221193	20	62,466,924	1.71E-17	0.261	0.265					
cg07298473	11	47,279,183	1.39E-05	0.261	0.221				<i>NR1H3</i>	5'UTR
cg24409539	2	114,034,595	1.23E-06	0.261	0.299				<i>PAX8</i>	Body
cg09775263	6	10,884,094	7.2E-05	0.261	0.248					
cg10772304	3	179,245,127	3.66E-07	0.261	0.290					
cg24049493	1	42,385,941	6.53E-06	0.261	0.251				<i>HIVEP3</i>	TSS1500
cg12118013	3	134,031,948	6.1E-08	0.261	0.249					
cg15270892	3	27,762,352	0.002055	0.261	0.089				<i>EOMES</i>	Body
cg03109913	1	94,445,292	1.2E-06	0.261	0.213					
cg04486382	17	55,483,894	3.88E-06	0.261	0.222				<i>MSI2</i>	Body
cg06401021	6	55,443,868	0.027554	0.261	0.295				<i>HMGCLL1</i>	1stExon
cg02881929	4	41,882,868	4.14E-07	0.261	0.238					
cg08359956	7	150,498,205	1.13E-08	0.261	0.265	2.86E-36	0.252		<i>TMEM176B</i>	1stExon
cg02624701	19	49,937,176	0.021811	0.261	0.298				<i>SLC17A7</i>	Body
cg07451524	10	123,923,518	3.77E-10	0.261	0.252				<i>TACC2</i>	Body
cg25101405	1	1,398,028	5.71E-23	0.261	0.261				<i>ATAD3C</i>	Body
cg05966228	16	67,666,442	2.13E-11	0.261	0.230				<i>CTCF</i>	Body
cg10619129	6	33,085,755	4.39E-06	0.261	0.259				<i>HLA-DPB2</i>	Body
cg14254720	1	90,097,981	0.008388	0.261	0.224				<i>LRR8C</i>	TSS1500
cg01257171	5	172,656,713	0.001214	0.261	0.359					
cg24421668	5	179,244,452	0.00019	0.261	0.201				<i>SQSTM1</i>	5'UTR
cg26606327	7	98,972,104	0.004866	0.261	0.192				<i>ARPC1B</i>	TSS1500
cg14315444	17	48,636,344	4E-07	0.261	0.257					



cg15837212	1	63,795,970	2.28E-06	0.261	0.272					
cg06277657	7	137,532,374	1.83E-05	0.261	0.223	3.4E-22	0.253		DGKI	TSS1500
cg25053018	2	173,477,995	1.44E-10	0.261	0.243					
cg27173151	1	203,598,330	0.000167	0.261	0.258				ATP2B4	5'UTR
cg08763617	6	138,183,963	1.51E-06	0.261	0.235					
cg20186067	7	129,422,439	1.83E-05	0.261	0.264					
cg25734421	1	210,501,368	6.61E-14	0.261	0.273				HHAT	TSS1500
cg21282282	1	109,705,170	1.15E-12	0.261	0.246				KIAA1324	Body
cg02707176	5	140,798,758	0.000184	0.261	0.304				PCDHGA4	Body
cg17021218	10	88,731,069	0.019223	0.261	0.224				AGAP11	5'UTR
cg23740491	6	27,228,267	0.000376	0.261	0.298					
cg00421624	1	153,746,588	2.3E-08	0.261	0.275				SLC27A3	TSS1500
cg11741189	11	31,843,886	0.000213	0.261	0.253					
cg18089397	4	2,264,747	0.006583	0.261	0.177				MXD4	TSS1500
cg21366688	6	134,491,421	1.03E-13	0.261	0.271				SGK1	Body
cg24537836	12	51,782,159	1.28E-09	0.261	0.277				GALNT6	5'UTR
cg02844545	6	10,882,043	4.25E-11	0.261	0.235	4.37E-19	0.212		GCM2	1stExon
cg03305185	X	134,429,653	3.97E-05	0.261	0.233				ZNF75D	5'UTR
cg16055869	4	74,864,612	6.22E-07	0.261	0.249				CXCL5	TSS200
cg05157360	13	113,613,660	0.004378	0.261	0.174					
cg09321400	16	55,690,443	0.000704	0.261	0.203				SLC6A2	TSS200
cg17125267	4	115,520,931	3.03E-05	0.261	0.281				UGT8	5'UTR
cg26827247	11	93,063,208	0.003096	0.261	0.167				CCDC67	TSS1500
cg04086468	3	185,911,208	9.41E-06	0.261	0.207				DGKG	Body
cg22292345	3	47,051,533	2.98E-14	0.261	0.232				LOC100129354	TSS1500
cg25965471	6	43,211,235	0.005105	0.261	0.263				TTBK1	5'UTR
cg25579180	7	71,098,623	0.007536	0.261	0.245				WBSCR17	Body
cg13173111	17	66,255,265	0.000835	0.261	0.272				ARSG	TSS200
cg03730533	7	26,897,685	7.22E-06	0.261	0.273				SKAP2	Body
cg22659049	4	41,646,672	1.07E-15	0.261	0.264				LIMCH1	Body
cg03688699	11	62,694,712	3.05E-09	0.261	0.262					
cg22799132	X	111,325,495	6.21E-06	0.261	0.262	3.7E-14	0.191		TRPC5	5'UTR
cg02274869	19	11,784,955	3.91E-06	0.261	0.206				ZNF833	Body
cg09481483	16	11,734,383	5.65E-08	0.261	0.281					

cg18678645	5	135,416,331	5.76E-05	0.261	0.217				<i>MIR886</i>	TSS200
cg03184366	X	9,984,977	0.005788	0.261	0.286				<i>WWC3</i>	5'UTR
cg18944451	2	177,023,716	0.005768	0.261	0.283					
cg02487331	1	146,550,467	7.45E-09	0.261	0.285					
cg26147098	8	145,103,393	8.86E-06	0.261	0.266					
cg12752627	10	94,827,528	9.71E-17	0.261	0.257				<i>CYP26C1</i>	Body
cg24435924	19	12,978,255	0.00096	0.261	0.281				<i>MAST1</i>	Body
cg00783104	8	41,655,894	0.000149	0.261	0.278				<i>ANK1</i>	TSS1500
cg05732750	7	6,704,045	7.5E-14	0.261	0.229					
cg21253721	17	1,202,092	0.002371	0.261	0.267				<i>TUSC5</i>	3'UTR
cg06390536	17	73,584,068	0.001538	0.261	0.213				<i>MYO15B</i>	TSS200
cg26874367	2	129,381,792	6.09E-09	0.261	0.262					
cg11255159	19	18,401,021	1.86E-06	0.261	0.264					
cg15898874	15	96,515,411	2.75E-08	0.261	0.246					
cg15374686	1	110,694,263	3.1E-12	0.260	0.246				<i>SLC6A17</i>	5'UTR
cg22402007	9	87,282,823	0.002678	0.260	0.138	3.29E-16	0.133		<i>NTRK2</i>	TSS1500
cg27214960	10	135,343,280	0.007184	0.260	0.190				<i>CYP2E1</i>	Body
cg00543976	1	112,058,750	2.2E-08	0.260	0.234				<i>ADORA3</i>	Body
cg02839824	X	119,133,091	0.021045	0.260	0.268					
cg19641804	12	54,653,065	8.08E-17	0.260	0.253				<i>CBX5</i>	1stExon
cg03116258	7	27,135,214	4.98E-14	0.260	0.226				<i>HOXA1</i>	1stExon
cg06170215	X	71,525,152	0.001798	0.260	0.161				<i>CITED1</i>	5'UTR
cg13922451	6	28,557,542	0.001685	0.260	0.222					
cg14722140	6	49,518,627	0.007922	0.260	0.244				<i>C6orf141</i>	1stExon
cg22709192	12	54,366,909	0.000307	0.260	0.240	2.83E-17	0.196		<i>HOXC11</i>	5'UTR
cg11752430	10	79,273,606	9.34E-15	0.260	0.256				<i>KCNMA1</i>	Body
cg01275038	4	7,287,492	0.001851	0.260	0.260				<i>SORCS2</i>	Body
cg06204126	9	139,890,188	5.27E-21	0.260	0.238				<i>CLIC3</i>	Body
cg15812322	11	45,868,398	1.9E-08	0.260	0.189				<i>CRY2</i>	TSS1500
cg25554917	2	170,220,129	0.016586	0.260	0.253				<i>LRP2</i>	TSS1500
cg02351655	16	4,442,918	1.29E-15	0.260	0.266				<i>CORO7</i>	Body
cg02428792	4	25,090,597	0.003034	0.260	0.205					
cg06395298	17	46,651,225	0.002116	0.260	0.227				<i>HOXB3</i>	5'UTR
cg15840462	1	969,744	2.08E-11	0.260	0.264				<i>AGRN</i>	Body

cg15772924	12	54,413,384	2.69E-09	0.260	0.242				<i>HOXC4</i>	5'UTR
cg17657037	19	3,933,856	0.003663	0.260	0.367				<i>ITGB1BP3</i>	Body
cg25171348	7	28,448,200	6.53E-09	0.260	0.233				<i>CREB5</i>	5'UTR
cg04821993	7	73,002,468	1.04E-06	0.260	0.221					
cg11729934	6	1,601,693	1.54E-06	0.260	0.202					
cg14643586	9	95,569,618	9.49E-06	0.260	0.234					
cg26354128	14	93,897,195	0.012213	0.260	0.243				<i>KIAA1409</i>	5'UTR
cg06680397	5	135,527,376	1.21E-07	0.260	0.184				<i>LOC389332</i>	Body
cg08669096	11	121,229,765	1.03E-05	0.260	0.248					
cg09249588	12	58,986,386	5.52E-10	0.260	0.283					
cg00447970	17	29,719,431	1.02E-09	0.260	0.245				<i>RAB11FIP4</i>	Body
cg06678678	3	55,523,099	0.00754	0.260	0.190					
cg17857974	5	140,800,474	8.78E-05	0.260	0.299				<i>PCDHGA4</i>	Body
cg08021564	10	73,847,318	5.62E-06	0.260	0.282				<i>SPOCK2</i>	Body
cg18566594	12	4,381,435	7.03E-06	0.260	0.256				<i>CCND2</i>	TSS1500
cg10806146	8	42,356,871	2.35E-11	0.260	0.260				<i>SLC20A2</i>	5'UTR
cg03036592	10	101,287,839	0.002291	0.260	0.297					
cg02483661	1	2,460,621	1.77E-06	0.260	0.270				<i>HES5</i>	3'UTR
cg15887459	11	18,230,903	1.22E-07	0.260	0.279				<i>LOC494141</i>	Body
cg17737014	X	70,323,912	1.13E-06	0.260	0.284				<i>CXorf65</i>	Body
cg25356719	10	1,638,893	1.52E-05	0.260	0.202				<i>ADARB2</i>	Body
cg17846334	20	49,639,134	0.010439	0.260	0.151				<i>KCNG1</i>	5'UTR
cg06620896	15	37,395,115	0.049596	0.260	0.322					
cg02888131	15	58,357,987	0.000612	0.260	0.295				<i>ALDH1A2</i>	TSS200
cg06974930	1	46,633,153	1.82E-10	0.260	0.252					
cg19866866	1	182,026,044	1.86E-07	0.260	0.272				<i>ZNF648</i>	Body
cg12483476	5	178,421,711	0.031512	0.260	0.184				<i>GRM6</i>	1stExon
cg09827833	9	27,109,492	5.58E-06	0.260	0.272	0.00036595	0.093		<i>TEK</i>	5'UTR
cg12378187	3	62,355,443	2.29E-05	0.260	0.269				<i>FEZF2</i>	3'UTR
cg22857085	4	85,403,223	9.72E-05	0.260	0.289					
cg09288894	19	12,894,309	0.000224	0.260	0.177					
cg21748207	2	26,395,359	9.13E-05	0.260	0.158				<i>FAM59B</i>	TSS1500
cg18302606	19	39,904,402	0.012471	0.260	0.084				<i>PLEKHG2</i>	5'UTR
cg05021896	14	51,562,526	0.000341	0.260	0.174				<i>TRIM9</i>	TSS200

cg07642259	X	43,833,130	0.003697	0.260	0.284				<i>NDP</i>	TSS1500
cg11838224	17	7,287,740	0.000883	0.260	0.235				<i>TNK1</i>	Body
cg01783662	3	181,442,676	1.86E-05	0.260	0.250				<i>SOX2OT</i>	Body
cg26153410	12	103,358,619	0.000241	0.260	0.181					
cg27554782	15	78,933,106	5.77E-08	0.260	0.196	6.85E-37	0.250		<i>CHRNA4</i>	Body
cg08835221	22	38,071,607	8.79E-07	0.260	0.279				<i>LGALS1</i>	TSS200
cg14186321	2	151,544,796	4.12E-13	0.260	0.210			Yes		
cg15199678	7	96,642,510	3.83E-05	0.260	0.277				<i>DLX6AS</i>	Body
cg17062109	17	46,670,029	6.04E-09	0.260	0.253				<i>LOC404266</i>	Body
cg17115250	6	28,557,291	0.001221	0.260	0.199					
cg23704517	13	109,147,317	0.000202	0.260	0.130					
cg18650716	6	30,711,863	0.000806	0.260	0.254				<i>FLOT1</i>	TSS1500
cg14676825	17	27,038,886	0.000324	0.260	0.293				<i>PROCA1</i>	TSS200
cg16163756	2	192,807,194	1.26E-16	0.260	0.249					
cg17527404	X	119,135,074	2.06E-07	0.260	0.262					
cg21158502	5	74,348,187	1.93E-05	0.260	0.172					
cg24398061	10	102,626,652	0.000611	0.260	0.322					
cg27565450	X	72,667,088	3.51E-05	0.260	0.175				<i>CDX4</i>	TSS200
cg26788672	11	91,958,396	0.004611	0.260	0.280					
cg01460436	20	44,687,454	4.13E-07	0.260	0.230				<i>SLC12A5</i>	3'UTR
cg04171235	17	46,604,393	3.1E-06	0.260	0.205					
cg09127607	10	69,914,213	5.39E-05	0.260	0.259				<i>MYPN</i>	Body
cg10204868	2	131,512,971	5.83E-06	0.260	0.269				<i>FAM123C</i>	TSS1500
cg14772107	X	23,350,419	0.002473	0.260	0.282					
cg20062681	11	94,988,642	2.39E-05	0.260	0.238					
cg19452802	6	46,459,961	0.006656	0.260	0.127					
cg00123762	6	41,343,697	0.003779	0.260	0.286					
cg13169011	14	60,973,462	0.000314	0.260	0.223					
cg24059115	7	134,143,489	0.021456	0.260	0.233				<i>AKR1B1</i>	Body
cg10012059	19	4,327,106	2.1E-05	0.260	0.273				<i>STAP2</i>	Body
cg06871582	12	59,990,420	0.004682	0.260	0.224					
cg15599668	5	150,005,953	3.01E-09	0.260	0.269				<i>SYNPO</i>	Body
cg03771840	6	30,140,145	1.74E-09	0.260	0.250				<i>TRIM15</i>	3'UTR
cg22769941	11	20,690,628	0.018877	0.260	0.265				<i>NELL1</i>	TSS1500

cg12681370	2	218,794,733	2.42E-16	0.260	0.257				<i>TNS1</i>	5'UTR
cg07002403	10	68,687,951	0.004039	0.260	0.245				<i>CTNNA3</i>	Body
cg08795279	16	56,623,816	5.91E-07	0.260	0.191				<i>MT3</i>	Body
cg13390441	9	132,962,957	4.62E-15	0.260	0.273				<i>FREQ</i>	Body
cg20898283	14	75,920,198	1E-11	0.260	0.220				<i>JDP2</i>	Body
cg01100068	1	58,715,747	1.34E-05	0.260	0.227				<i>DAB1</i>	5'UTR
cg02391713	6	105,400,985	0.047306	0.260	0.251					
cg14662355	1	165,324,810	6.6E-05	0.260	0.321				<i>LMX1A</i>	5'UTR
cg17753212	17	6,659,562	0.001405	0.260	0.233				<i>XAF1</i>	Body
cg14377703	17	19,647,973	6.08E-05	0.260	0.305				<i>ALDH3A1</i>	Body
cg15735157	7	22,974,608	2.94E-20	0.260	0.242					
cg08432013	11	83,393,570	0.001055	0.260	0.260				<i>DLG2</i>	Body
cg13377264	6	30,419,135	2.93E-05	0.260	0.305					
cg24996161	5	140,735,397	4.66E-05	0.260	0.255				<i>PCDHGA2</i>	Body
cg00959431	9	79,638,117	1.4E-08	0.260	0.214					
cg24874350	20	45,440,346	1.65E-53	0.260	0.252					
cg08305942	16	79,692,354	9.99E-14	0.260	0.240					
cg11888511	7	33,663,100	1.49E-16	0.260	0.271					
cg13321114	6	29,760,023	0.000125	0.260	0.305				<i>HCG4</i>	Body
cg26257411	6	33,397,122	2.8E-13	0.260	0.259				<i>SYNGAP1</i>	Body
cg19566774	14	67,656,082	2.67E-18	0.260	0.246				<i>FAM71D</i>	TSS200
cg21476299	13	43,148,214	0.000943	0.260	0.313				<i>TNFSF11</i>	TSS200
cg21388327	1	22,351,548	0.012288	0.260	0.242				<i>HSPC157</i>	TSS1500
cg02385840	12	5,539,588	0.00026	0.260	0.286					
cg13465477	9	133,534,961	0.008496	0.260	0.309					
cg16001722	6	127,836,159	6.15E-05	0.260	0.241				<i>C6orf174</i>	Body
cg26301565	3	194,117,261	6.49E-06	0.260	0.240				<i>GP5</i>	3'UTR
cg00084770	10	88,149,210	0.035151	0.260	0.312					
cg11362010	3	181,442,713	5.45E-06	0.260	0.246				<i>SOX2OT</i>	Body
cg19793376	9	135,462,522	0.006554	0.260	0.269				<i>BARHL1</i>	Body
cg22934200	2	61,407,270	0.001024	0.260	0.301				<i>AHSA2</i>	5'UTR
cg00121626	Y	21,664,296	0.004351	0.260	0.193				<i>BCORL2</i>	Body
cg13692543	9	35,510,933	4.62E-06	0.260	0.226				<i>RUSC2</i>	5'UTR
cg15397231	6	31,239,074	1.42E-08	0.260	0.213				<i>HLA-C</i>	Body

cg06175981	2	220,387,980	4.91E-08	0.259	0.232				<i>ACCN4</i>	Body
cg12219325	8	59,058,585	7.32E-06	0.259	0.236				<i>FAM110B</i>	5'UTR
cg23082862	10	128,993,115	9.32E-08	0.259	0.235				<i>FAM196A</i>	5'UTR
cg27393010	7	121,940,216	8.35E-05	0.259	0.284					
cg01552731	19	46,806,907	5.46E-32	0.259	0.237				<i>HIF3A</i>	1stExon
cg09263118	19	11,531,294	0.008452	0.259	0.322				<i>RGL3</i>	TSS1500
cg27208307	10	70,847,399	0.006093	0.259	0.113	2.85E-11	0.158		<i>SRGN</i>	TSS1500
cg00777079	17	1,666,607	6.32E-11	0.259	0.244				<i>SERPINF1</i>	5'UTR
cg24390913	10	118,899,788	0.007169	0.259	0.366					
cg00089915	1	66,999,684	0.016657	0.259	0.228				<i>SGIP1</i>	TSS200
cg20372230	7	127,911,967	5.41E-07	0.259	0.232					
cg26180126	2	70,779,764	0.006605	0.259	0.220				<i>TGFA</i>	Body
cg00964997	4	13,531,195	5.2E-07	0.259	0.243					
cg25197238	1	18,335,878	8.28E-08	0.259	0.247					
cg23385492	7	158,325,118	4.94E-06	0.259	0.202			Yes	<i>PTPRN2</i>	Body
cg23668195	2	62,805,851	6.6E-07	0.259	0.305					
cg08195491	16	50,746,063	1.36E-07	0.259	0.211				<i>NOD2</i>	Body
cg23244488	7	19,146,032	0.002139	0.259	0.292					
cg05675373	1	110,754,257	8.91E-05	0.259	0.229	1.72E-09	0.152		<i>KCNC4</i>	1stExon
cg16302441	2	25,391,830	2.73E-05	0.259	0.228	7.68E-18	0.199		<i>POMC</i>	TSS1500
cg03625676	5	156,887,393	0.021977	0.259	0.110				<i>NIPAL4</i>	Body
cg03520683	13	95,355,814	3.79E-05	0.259	0.284					
cg02965078	11	60,623,504	1.47E-10	0.259	0.245	1.74E-19	0.113		<i>GPR44</i>	TSS200
cg11498156	10	102,890,145	3.27E-12	0.259	0.254	2.7E-08	0.122		<i>TLX1</i>	TSS1500
cg13197216	8	23,567,658	1.21E-06	0.259	0.223					
cg16785291	7	133,974,228	3.06E-22	0.259	0.237				<i>SLC35B4</i>	3'UTR
cg26824006	7	121,957,254	0.000162	0.259	0.240					
cg01385708	16	4,373,570	2.54E-23	0.259	0.247					
cg06387842	3	184,099,096	3.25E-05	0.259	0.247				<i>CHRD</i>	Body
cg13923648	6	27,173,910	3.48E-05	0.259	0.258					
cg19619014	8	37,250,930	2.26E-05	0.259	0.237					
cg20328456	6	32,121,113	2.14E-05	0.259	0.302				<i>PPT2</i>	TSS200
cg24570303	10	102,900,491	0.003127	0.259	0.234					
cg24683680	2	176,948,864	3.55E-05	0.259	0.287				<i>EVX2</i>	TSS200

cg15450098	1	221,057,561	1.06E-12	0.259	0.231				<i>HLX</i>	Body
cg16083838	11	2,889,809	1.2E-07	0.259	0.237				<i>KCNQ1DN</i>	TSS1500
cg04080282	7	95,026,106	1.26E-05	0.259	0.225				<i>PON3</i>	TSS1500
cg20725021	3	187,009,575	5.13E-12	0.259	0.250	2.69E-23	0.166		<i>MASP1</i>	5'UTR
cg21002146	14	92,303,622	1.41E-05	0.259	0.228				<i>TC2N</i>	TSS1500
cg03894490	3	159,942,832	0.001752	0.259	0.190				<i>LOC401097</i>	TSS1500
cg07462756	4	4,859,985	3.22E-09	0.259	0.210				<i>MSX1</i>	TSS1500
cg01759597	7	96,626,788	4.07E-05	0.259	0.253				<i>DLX6AS</i>	Body
cg07842521	16	85,157,762	1.7E-15	0.259	0.245					
cg09084462	10	27,220,234	1.1E-08	0.259	0.253				<i>NCRNA00202</i>	Body
cg21147709	1	12,004,662	1.96E-06	0.259	0.252				<i>PLOD1</i>	Body
cg03805475	22	46,972,501	0.021722	0.259	0.215					
cg01009664	3	129,693,613	0.003302	0.259	0.299	1.96E-10	0.189		<i>TRH</i>	5'UTR
cg03990033	1	208,084,030	1.11E-06	0.259	0.211				<i>CD34</i>	Body
cg04567445	1	65,730,409	1.15E-06	0.259	0.230				<i>DNAJC6</i>	TSS200
cg09821007	X	68,348,763	2.79E-07	0.259	0.268					
cg01858517	10	79,396,584	0.005354	0.259	0.195				<i>KCNMA1</i>	Body
cg02338271	1	171,868,115	2.42E-13	0.259	0.238				<i>DNM3</i>	Body
cg00211821	17	16,978,673	3.49E-05	0.259	0.269				<i>MPRIIP</i>	Body
cg12873454	1	14,924,611	0.005549	0.259	0.083				<i>KIAA1026</i>	TSS1500
cg17310600	4	165,305,334	1E-05	0.259	0.285				<i>MARCH1</i>	TSS1500
cg22476027	6	108,492,642	1.44E-05	0.259	0.289				<i>NR2E1</i>	Body
cg07500347	16	875,881	0.021329	0.259	0.232					
cg20600210	20	57,090,013	0.000132	0.259	0.253				<i>APCDD1L</i>	TSS200
cg06065019	2	177,356,276	7.03E-10	0.259	0.230					
cg12626589	6	32,120,783	4.67E-05	0.259	0.308				<i>PPT2</i>	TSS1500
cg22879282	15	32,634,505	0.040343	0.259	0.344					
cg26288249	9	112,810,954	0.003407	0.259	0.136				<i>AKAP2</i>	TSS200
cg24254387	1	45,273,495	0.040167	0.259	0.198				<i>BTBD19</i>	TSS1500
cg05605029	17	16,189,554	0.001176	0.259	0.308				<i>PIGL</i>	Body
cg14090647	22	24,108,000	1.04E-20	0.259	0.242			Yes	<i>C22orf15</i>	3'UTR
cg27662832	2	210,444,327	2.27E-08	0.259	0.272				<i>MAP2</i>	TSS200
cg03899054	8	143,206,674	2.34E-05	0.259	0.295					
cg05017199	7	150,497,065	0.003173	0.259	0.165				<i>TMEM176B</i>	TSS1500

cg12598524	2	46,088,325	4.38E-06	0.259	0.279				<i>PRKCE</i>	Body
cg12753606	6	135,504,989	0.01012	0.259	0.128				<i>MYB</i>	Body
cg13687570	19	37,825,320	0.01327	0.259	0.148				<i>HKR1</i>	TSS1500
cg08335389	12	109,554,302	8.57E-14	0.259	0.272					
cg14184400	3	49,460,057	3.42E-12	0.259	0.268				<i>AMT</i>	Body
cg01777341	12	51,784,862	9.24E-12	0.259	0.211				<i>GALNT6</i>	5'UTR
cg10927461	2	122,530,159	1.59E-08	0.259	0.272					
cg16746576	8	99,962,118	3.05E-07	0.259	0.260				<i>OSR2</i>	Body
cg19634315	15	71,679,485	1.06E-05	0.259	0.230				<i>THSD4</i>	Body
cg08425203	3	128,764,940	1.84E-05	0.259	0.223					
cg08537660	11	12,699,661	4.2E-08	0.259	0.245				<i>TEAD1</i>	5'UTR
cg08610862	1	197,888,469	0.031109	0.259	0.376				<i>LHX9</i>	Body
cg13672078	5	87,439,429	0.014109	0.259	0.271					
cg20466166	1	32,666,735	0.025042	0.259	0.138				<i>CCDC28B</i>	5'UTR
cg07475000	7	22,162,928	2.54E-17	0.259	0.240				<i>RAPGEF5</i>	Body
cg11505026	2	46,067,299	3.24E-12	0.259	0.240				<i>PRKCE</i>	Body
cg23854488	11	69,588,848	0.007565	0.259	0.280				<i>FGF4</i>	Body
cg18349298	3	158,450,550	2.05E-21	0.259	0.252				<i>RARRES1</i>	TSS1500
cg06728055	3	149,294,286	0.003457	0.259	0.209				<i>WWTR1</i>	Body
cg13298538	12	1,759,721	7.27E-12	0.259	0.269					
cg16336494	6	151,188,259	1E-09	0.259	0.257				<i>MTHFD1L</i>	Body
cg14609025	1	119,550,983	0.004886	0.259	0.261					
cg16887264	4	147,561,775	0.020228	0.259	0.211				<i>POU4F2</i>	Body
cg00908292	17	38,699,009	8.12E-16	0.259	0.243					
cg18396533	10	82,116,208	2.28E-06	0.259	0.186	4.98E-15	0.198		<i>DYDC2</i>	TSS1500
cg06630413	12	54,366,875	0.001259	0.259	0.333				<i>HOXC11</i>	TSS200
cg06763161	1	33,813,745	2.67E-19	0.259	0.259				<i>PHC2</i>	5'UTR
cg01673674	8	97,166,036	3.65E-06	0.259	0.253				<i>GDF6</i>	Body
cg10373891	13	52,338,758	0.0009	0.259	0.266					
cg16758813	6	50,818,862	2.11E-05	0.259	0.259					
cg23664396	1	23,895,366	1.55E-17	0.259	0.259					
cg17024199	17	74,881,747	1.47E-06	0.259	0.222				<i>MGAT5B</i>	Body
cg02466572	10	94,826,319	1.79E-10	0.259	0.221				<i>CYP26C1</i>	Body
cg14249564	11	12,340,382	5.11E-14	0.259	0.273				<i>MICALCL</i>	Body



cg20267775	1	171,623,695	6.91E-12	0.259	0.250					
cg23325673	19	34,397,439	3.93E-06	0.259	0.195					
cg00197058	17	59,554,672	2.3E-14	0.259	0.243				<i>TBX4</i>	Body
cg01122167	5	149,650,243	4.11E-09	0.259	0.252				<i>CAMK2A</i>	Body
cg03344332	8	116,452,420	1.4E-20	0.259	0.265				<i>TRPS1</i>	Body
cg06634716	1	217,311,151	0.000606	0.259	0.265				<i>ESRRG</i>	TSS200
cg12537796	X	106,515,818	0.028917	0.259	0.298	3.16E-13	0.149			
cg18270687	1	39,035,982	0.027901	0.259	0.307					
cg20421058	4	7,337,225	1.21E-12	0.259	0.271				<i>SORCS2</i>	Body
cg03111404	6	28,175,984	0.000477	0.259	0.218					
cg01704474	11	504,918	0.003717	0.259	0.231				<i>RNH1</i>	5'UTR
cg07296447	7	1,286,023	0.000445	0.259	0.246					
cg13718539	5	140,801,354	3.38E-06	0.259	0.268				<i>PCDHGA4</i>	Body
cg14036143	1	145,415,441	3.37E-10	0.259	0.260				<i>HFE2</i>	5'UTR
cg19717326	19	54,370,016	3.49E-14	0.259	0.263	6.59E-24	0.168		<i>MYADM</i>	TSS1500
cg24169669	14	38,092,080	0.000165	0.259	0.262					
cg05686497	5	127,874,587	0.021205	0.259	0.339				<i>FBN2</i>	TSS1500
cg00957901	4	41,614,842	6.91E-06	0.259	0.202				<i>LIMCH1</i>	TSS200
cg12476188	15	66,999,484	6.56E-26	0.259	0.266				<i>SMAD6</i>	TSS1500
cg21992932	2	159,651,813	0.000104	0.259	0.265				<i>DAPL1</i>	TSS200
cg08835113	7	96,650,192	6.77E-06	0.259	0.254				<i>DLX5</i>	Body
cg11533712	22	46,934,981	1.85E-08	0.259	0.236					
cg09272948	20	39,958,363	1.07E-06	0.259	0.239					
cg18474072	10	664,762	2.92E-06	0.259	0.287				<i>DIP2C</i>	Body
cg20691080	4	6,200,500	0.004175	0.259	0.186				<i>JAKMIP1</i>	5'UTR
cg16251647	6	25,832,228	0.000924	0.258	0.175				<i>SLC17A1</i>	1stExon
cg05080940	16	11,256,561	3.32E-06	0.258	0.232				<i>CLEC16A</i>	Body
cg13406145	15	89,952,052	0.005527	0.258	0.264					
cg14502980	11	125,133,439	1.29E-11	0.258	0.283				<i>PKNOX2</i>	5'UTR
cg09094674	16	23,194,733	4.35E-05	0.258	0.197				<i>SCNN1G</i>	5'UTR
cg14177084	7	75,269,642	1.34E-17	0.258	0.230				<i>HIP1</i>	Body
cg27367721	16	20,917,257	4.52E-06	0.258	0.254				<i>LYRM1</i>	5'UTR
cg03521044	7	20,838,564	5.41E-05	0.258	0.189					
cg07838943	1	12,493,840	5.27E-12	0.258	0.209				<i>VPS13D</i>	Body

cg16994941	5	141,218,887	3.37E-08	0.258	0.250					
cg02943578	16	86,600,499	0.004711	0.258	0.239				<i>FOXC2</i>	TSS1500
cg07833019	5	38,258,007	0.003714	0.258	0.296				<i>EGFLAM</i>	TSS1500
cg24713529	22	50,965,126	0.031679	0.258	0.187				<i>TYMP</i>	Body
cg10723962	6	26,240,782	0.001224	0.258	0.309				<i>HIST1H4F</i>	1stExon
cg17974767	X	48,690,187	0.000229	0.258	0.267				<i>PCSK1N</i>	Body
cg11849281	7	35,494,507	0.000793	0.258	0.170					
cg01181415	12	16,757,954	9.37E-06	0.258	0.190				<i>LMO3</i>	5'UTR
cg01440841	4	154,681,066	0.000377	0.258	0.270				<i>RNF175</i>	5'UTR
cg26477488	5	153,858,936	0.025682	0.258	0.312				<i>HAND1</i>	TSS1500
cg00883831	2	208,636,032	1.71E-11	0.258	0.244					
cg00336700	2	176,943,704	5.7E-10	0.258	0.212					
cg07180646	1	15,481,541	9.58E-12	0.258	0.250				<i>TMEM51</i>	5'UTR
cg23144681	10	23,488,710	0.025044	0.258	0.262					
cg03621841	16	49,673,985	0.011923	0.258	0.210				<i>ZNF423</i>	Body
cg18147485	8	110,986,685	0.046885	0.258	0.308				<i>KCNV1</i>	5'UTR
cg19465605	14	91,770,229	3.36E-21	0.258	0.217				<i>CCDC88C</i>	Body
cg23619399	13	79,169,753	0.028258	0.258	0.340					
cg04469167	9	27,529,907	0.024677	0.258	0.104				<i>MOBKL2B</i>	TSS200
cg07541744	16	55,363,277	7.64E-05	0.258	0.279				<i>IRX6</i>	Body
cg19862899	10	82,173,556	3.91E-07	0.258	0.227				<i>C10orf58</i>	TSS200
cg27054162	16	54,628,834	0.000486	0.258	0.203					
cg14195216	12	99,548,950	5.26E-14	0.258	0.262				<i>ANKS1B</i>	TSS1500
cg02360980	15	41,804,283	0.020405	0.258	0.231				<i>LTK</i>	Body
cg02650401	3	181,441,501	2.08E-08	0.258	0.244				<i>SOX2OT</i>	Body
cg26926138	4	54,960,034	2.66E-10	0.258	0.247					
cg23777956	19	4,153,671	2.9E-06	0.258	0.245				<i>CREB3L3</i>	1stExon
cg19766988	19	10,231,711	1.09E-16	0.258	0.241				<i>EIF3G</i>	TSS1500
cg26275431	5	140,773,122	0.004831	0.258	0.334				<i>PCDHGA4</i>	Body
cg08354053	17	30,630,872	9.53E-07	0.258	0.230				<i>RHBDL3</i>	Body
cg10784570	11	69,452,398	0.00057	0.258	0.293					
cg16488580	5	173,097,570	9.08E-12	0.258	0.239					
cg15988350	7	32,110,650	0.027486	0.258	0.281				<i>PDE1C</i>	5'UTR
cg11763830	17	72,231,400	1.16E-05	0.258	0.289				<i>TTYH2</i>	Body

cg24856726	12	108,169,333	9.25E-06	0.258	0.215				<i>ASCL4</i>	1stExon
cg12075247	12	47,226,029	0.000646	0.258	0.220					
cg00425764	16	15,949,616	0.000337	0.258	0.277				<i>MYH11</i>	5'UTR
cg03954667	12	11,806,065	7.62E-06	0.258	0.258				<i>ETV6</i>	Body
cg09006015	3	112,051,908	0.04581	0.258	0.333				<i>CD200</i>	TSS200
cg22559013	1	78,693,899	0.002046	0.258	0.146				<i>MGC27382</i>	TSS1500
cg00295794	13	100,641,409	0.046193	0.258	0.291					
cg07882059	11	68,924,751	8.79E-14	0.258	0.228					
cg22232207	20	44,746,825	0.000288	0.258	0.308				<i>CD40</i>	TSS200
cg00387220	17	48,071,685	0.006228	0.258	0.220				<i>DLX3</i>	Body
cg19520763	3	38,534,710	8.29E-18	0.258	0.267					
cg19868364	14	104,734,368	0.001305	0.258	0.210					
cg00576250	20	45,087,765	0.000277	0.258	0.146	1.95E-13	0.145			
cg14535068	2	220,416,419	0.000982	0.258	0.208				<i>OBSL1</i>	Body
cg26361533	12	2,445,561	8.57E-06	0.258	0.252				<i>CACNA1C</i>	Body
cg07825347	10	43,600,497	5.1E-06	0.258	0.248				<i>RET</i>	Body
cg00344443	11	115,530,150	2.7E-07	0.258	0.209					
cg15142477	18	43,915,662	3.27E-27	0.258	0.248				<i>RNF165</i>	Body
cg08089301	17	46,655,561	0.041761	0.258	0.316	4.93E-19	0.251		<i>HOXB4</i>	1stExon
cg05873889	13	44,948,152	0.004724	0.258	0.260				<i>SERP2</i>	1stExon
cg19648612	15	66,274,894	0.000473	0.258	0.258				<i>MEGF11</i>	Body
cg13713922	2	121,625,577	2.62E-07	0.258	0.263				<i>GLI2</i>	Body
cg12091642	14	61,104,566	1.05E-05	0.258	0.262					
cg17266233	11	46,382,725	4.04E-13	0.258	0.250				<i>DGKZ</i>	Body
cg22695532	1	84,158,538	1.92E-06	0.258	0.200					
cg10515731	2	220,378,996	0.037011	0.258	0.241				<i>ACCN4</i>	5'UTR
cg00379720	19	23,185,968	0.000499	0.258	0.291					
cg09354309	12	22,487,437	0.007463	0.258	0.267				<i>ST8SIA1</i>	5'UTR
cg09258150	19	10,397,429	5.11E-06	0.258	0.272				<i>ICAM4</i>	TSS1500
cg10145246	1	119,527,884	2.24E-05	0.258	0.280				<i>TBX15</i>	5'UTR
cg11128216	11	31,825,833	0.000113	0.258	0.264				<i>PAX6</i>	Body
cg13190879	22	28,198,404	7.5E-08	0.258	0.229				<i>MN1</i>	TSS1500
cg09027133	1	25,945,042	4.06E-18	0.258	0.244				<i>MAN1C1</i>	Body
cg16905506	1	155,035,748	0.001242	0.258	0.163				<i>EFNA4</i>	TSS1500

cg10539700	2	182,644,898	8.9E-13	0.258	0.218					
cg09166091	2	216,484,055	0.006849	0.258	0.217					
cg22234897	17	7,826,291	0.015798	0.258	0.265				KCNAB3	3'UTR
cg22344830	1	1,935,048	0.019878	0.258	0.303				KIAA1751	5'UTR
cg05052633	17	29,249,485	0.015057	0.258	0.223	4.87E-09	0.135		ADAP2	Body
cg05098432	10	95,848,734	2.28E-05	0.258	0.225				PLCE1	TSS200
cg21974358	12	52,115,678	0.00207	0.258	0.274			Yes	SCN8A	Body
cg08169778	11	115,846,336	1.28E-07	0.258	0.218					
cg04131101	11	94,427,846	1.05E-18	0.258	0.242					
cg09171562	17	17,011,443	1.08E-15	0.258	0.242				MPRIP	Body
cg20083676	9	91,605,999	3.67E-14	0.258	0.226	2.07E-34	0.268		C9orf47	1stExon
cg17531456	X	134,124,939	0.042258	0.258	0.276				LOC644538	TSS200
cg04414451	2	108,993,844	8.23E-10	0.258	0.212				SULT1C4	TSS1500
cg12804755	11	15,796,715	2.29E-10	0.258	0.245					
cg13695535	5	66,124,603	0.000622	0.258	0.115				MAST4	1stExon
cg15016701	12	63,211,683	0.001136	0.258	0.171				PPM1H	Body
cg00881207	7	2,728,912	0.001125	0.258	0.310				AMZ1	5'UTR
cg17128947	4	779,480	3.85E-05	0.258	0.231				CPLX1	3'UTR
cg24634568	1	43,250,769	2.98E-10	0.258	0.249					
cg04075191	2	115,919,785	1.31E-06	0.258	0.294				DPP10	Body
cg05183646	6	134,491,143	2.32E-15	0.258	0.260				SGK1	3'UTR
cg24855781	10	68,688,167	0.004238	0.258	0.261				CTNNA3	Body
cg21649089	17	14,198,392	2.08E-06	0.258	0.227					
cg04110902	6	45,500,999	1.25E-06	0.258	0.203				RUNX2	Body
cg13341412	6	124,151,453	0.00069	0.258	0.250				NKAIN2	Body
cg23941527	5	92,868,380	1.29E-05	0.258	0.284				FLJ42709	Body
cg20961045	17	55,952,128	3.56E-06	0.258	0.249				CUEDC1	Body
cg25073708	9	132,083,538	0.004913	0.258	0.190				C9orf106	5'UTR
cg25304107	2	177,017,331	4.22E-07	0.258	0.220				HOXD4	Body
cg16711792	21	32,930,054	0.015753	0.258	0.198				TIAM1	5'UTR
cg00367463	1	45,249,899	0.000565	0.258	0.322				BEST4	Body
cg01554963	17	773,023	0.001689	0.258	0.211				NXN	Body
cg19917989	6	14,925,093	2.76E-05	0.258	0.282					
cg20170533	13	51,417,846	0.000695	0.258	0.282				DLEU7	1stExon

cg15069295	2	137,522,461	3.12E-05	0.258	0.189					
cg20752878	17	7,080,538	1.22E-09	0.258	0.201				<i>ASGR1</i>	Body
cg08081424	2	159,749,591	7.74E-09	0.258	0.255					
cg13016732	11	76,858,947	9.77E-10	0.258	0.206				<i>MYO7A</i>	Body
cg02061431	1	92,150,549	1.14E-07	0.258	0.256				<i>TGFBR3</i>	Body
cg06071058	9	96,716,091	2.57E-06	0.258	0.233				<i>BARX1</i>	Body
cg09513259	9	136,039,474	5.85E-05	0.258	0.169				<i>GBGT1</i>	TSS200
cg22732101	19	16,394,638	8.97E-06	0.258	0.246					
cg23370536	4	55,523,824	0.041931	0.258	0.153				<i>KIT</i>	TSS1500
cg00575851	X	134,232,238	0.004071	0.258	0.274				<i>NCRNA00087</i>	Body
cg07165756	11	66,311,422	1.76E-14	0.258	0.249				<i>ZDHHC24</i>	Body
cg00852573	6	73,331,405	0.03003	0.258	0.397				<i>KCNQ5</i>	TSS200
cg04883911	2	208,977,452	2.82E-06	0.258	0.265					
cg13622450	9	91,147,514	0.000122	0.258	0.192					
cg20969194	2	223,163,175	2.32E-06	0.258	0.200				<i>PAX3</i>	Body
cg11633102	7	67,084,376	2.04E-12	0.258	0.245					
cg20331288	7	155,326,803	1.15E-05	0.258	0.290				<i>CNPY1</i>	TSS1500
cg00314029	2	161,348,665	6.79E-07	0.258	0.244				<i>RBMS1</i>	Body
cg02388865	1	26,737,318	0.001432	0.258	0.241				<i>LIN28</i>	1stExon
cg00953201	13	30,156,486	8.95E-35	0.257	0.242				<i>SLC7A1</i>	5'UTR
cg02030542	16	70,722,454	1.06E-13	0.257	0.242				<i>VAC14</i>	Body
cg21077684	14	95,233,665	1.79E-06	0.257	0.248					
cg04550737	1	119,530,600	0.032889	0.257	0.172				<i>TBX15</i>	5'UTR
cg13181164	15	37,388,828	0.00772	0.257	0.302				<i>MEIS2</i>	Body
cg15157455	1	149,400,292	2.68E-25	0.257	0.234				<i>HIST2H2BF</i>	TSS1500
cg27022956	3	181,445,025	0.000151	0.257	0.275				<i>SOX2OT</i>	Body
cg15859496	12	118,490,276	1.12E-11	0.257	0.239				<i>WSB2</i>	Body
cg22800743	6	21,954,586	0.011503	0.257	0.173				<i>FLJ22536</i>	Body
cg26968378	6	28,447,087	0.002595	0.257	0.264					
cg22175764	20	56,803,964	0.041645	0.257	0.106	0.01077803	0.048			
cg00584840	3	112,903,054	9.38E-09	0.257	0.256					
cg15538767	5	149,870,395	1.08E-18	0.257	0.231					
cg04025675	15	45,671,028	0.000207	0.257	0.242				<i>LOC145663</i>	Body
cg12053004	1	221,057,751	2.7E-09	0.257	0.221				<i>HLX</i>	Body

cg17563235	3	54,157,725	0.005302	0.257	0.257				<i>CACNA2D3</i>	Body
cg07622493	8	93,114,294	0.000264	0.257	0.295					
cg05166820	6	55,444,153	1.31E-09	0.257	0.250				<i>HMGCLL1</i>	TSS200
cg02351277	3	177,397,780	1.39E-12	0.257	0.245					
cg09674170	16	3,062,382	3.61E-09	0.257	0.258				<i>CLDN9</i>	TSS200
cg09232478	1	119,548,852	0.000133	0.257	0.259					
cg01277372	3	169,378,764	2.45E-06	0.257	0.245				<i>MECOM</i>	Body
cg09296270	2	65,087,288	1.61E-10	0.257	0.182					
cg23068621	5	77,139,964	0.000133	0.257	0.241					
cg12434747	15	70,740,470	2.37E-18	0.257	0.224					
cg16331051	2	75,788,552	0.00513	0.257	0.156				<i>FAM176A</i>	5'UTR
cg18842363	6	31,629,088	3.88E-09	0.257	0.230				<i>C6orf47</i>	TSS1500
cg21156129	1	54,941,031	0.000816	0.257	0.202					
cg06035815	6	26,189,597	0.003577	0.257	0.224				<i>HIST1H4D</i>	TSS1500
cg18144647	8	41,113,257	3.04E-10	0.257	0.232					
cg21629500	5	2,754,753	1.47E-10	0.257	0.241				<i>C5orf38</i>	Body
cg26530319	1	221,060,923	4.33E-09	0.257	0.253					
cg16355771	3	13,242,707	3.1E-10	0.257	0.243					
cg24672833	17	46,659,318	0.003251	0.257	0.150					
cg05523897	1	2,139,175	1.06E-12	0.257	0.225				<i>C1orf86</i>	TSS200
cg09160589	16	11,654,880	1.16E-07	0.257	0.248				<i>LITAF</i>	5'UTR
cg11590420	5	150,051,566	0.000399	0.257	0.198				<i>MYOZ3</i>	Body
cg13711950	20	43,729,527	4.61E-05	0.257	0.260				<i>KCNS1</i>	5'UTR
cg15859189	3	65,832,744	1.42E-17	0.257	0.251				<i>MAGI1</i>	Body
cg22118524	1	217,311,547	1.8E-05	0.257	0.248				<i>ESRRG</i>	TSS1500
cg20318166	15	85,360,664	3.05E-09	0.257	0.239				<i>ALPK3</i>	1stExon
cg03304610	4	172,734,276	0.012965	0.257	0.331				<i>GALNTL6</i>	TSS1500
cg00790307	17	17,684,042	6.05E-14	0.257	0.254				<i>SMCR5</i>	TSS1500
cg01364253	X	39,679,986	2.23E-09	0.257	0.247					
cg26532621	5	177,423,340	1.65E-05	0.257	0.271				<i>PROP1</i>	TSS200
cg15101392	11	117,748,132	9.19E-08	0.257	0.268				<i>FXVD6</i>	TSS1500
cg17023034	2	152,919,487	1.01E-08	0.257	0.275				<i>CACNB4</i>	Body
cg26304237	1	65,730,384	1.53E-06	0.257	0.244	1.58E-28	0.241		<i>DNAJC6</i>	TSS200
cg15006881	8	97,158,052	6.36E-10	0.257	0.227				<i>GDF6</i>	Body

cg11652360	6	33,160,120	9.32E-05	0.257	0.231					<i>COL11A2</i>	5'UTR
cg20318845	2	45,237,781	1.69E-06	0.257	0.184					<i>SIX2</i>	TSS1500
cg23504246	15	49,715,342	7.37E-07	0.257	0.256	4.77E-16	0.154			<i>C15orf33</i>	Body
cg26247508	10	82,299,669	8.73E-09	0.257	0.245					<i>SH2D4B</i>	TSS1500
cg09208010	14	23,305,780	0.00359	0.257	0.234			Yes		<i>MMP14</i>	TSS200
cg02627657	17	16,257,165	0.000126	0.257	0.169					<i>CENPV</i>	TSS1500
cg12434362	5	95,419,503	1.18E-09	0.257	0.264						
cg04555373	8	31,497,042	0.008954	0.257	0.243					<i>NRG1</i>	TSS1500
cg18422268	15	66,274,767	0.004345	0.257	0.154					<i>MEGF11</i>	Body
cg17177455	2	176,969,218	0.000513	0.257	0.274						
cg23917844	11	61,314,901	9.71E-15	0.257	0.264					<i>SYT7</i>	Body
cg14761454	11	108,092,087	0.000761	0.257	0.240					<i>ATM</i>	TSS1500
cg10127490	3	15,563,072	3.26E-08	0.257	0.244					<i>COLQ</i>	1stExon
cg13090478	11	116,706,372	0.028842	0.257	0.258						
cg25147026	1	186,650,441	0.00015	0.257	0.266					<i>PTGS2</i>	TSS1500
cg21063282	14	95,235,402	0.004096	0.257	0.275					<i>GSC</i>	Body
cg09222023	3	138,669,322	0.019787	0.257	0.153					<i>C3orf72</i>	Body
cg04541368	5	92,909,429	0.0001	0.257	0.195					<i>FLJ42709</i>	Body
cg24859433	6	30,720,203	2.82E-09	0.257	0.190						
cg09109383	16	16,083,164	6.21E-11	0.257	0.261					<i>ABCC1</i>	Body
cg00262446	4	101,439,228	9.18E-05	0.257	0.248					<i>EMCN</i>	5'UTR
cg06741112	14	97,059,243	5.1E-05	0.257	0.197						
cg12612393	1	3,474,376	2.56E-08	0.257	0.248					<i>MEGF6</i>	Body
cg16473125	16	55,090,720	0.032735	0.257	0.335						
cg02745912	7	142,494,204	0.000161	0.257	0.277						
cg10168149	2	200,335,558	3.45E-06	0.257	0.249					<i>FLJ32063</i>	Body
cg06835156	14	101,131,459	0.002262	0.257	0.257					<i>C14orf70</i>	Body
cg17775621	10	11,206,838	0.000439	0.257	0.128					<i>CUGBP2</i>	TSS200
cg14947429	10	28,036,151	3.65E-07	0.257	0.277					<i>MKX</i>	TSS1500
cg20129210	13	100,547,192	0.005841	0.257	0.173					<i>CLYBL</i>	3'UTR
cg19098796	3	183,993,726	0.007665	0.257	0.227					<i>ECE2</i>	TSS200
cg27364741	2	63,281,069	2.12E-05	0.257	0.243					<i>OTX1</i>	Body
cg13146674	11	68,095,623	0.022686	0.257	0.156					<i>LRP5</i>	Body
cg14005211	2	171,676,925	5.94E-13	0.257	0.224					<i>GAD1</i>	Body

cg15774391	17	40,439,628	4.69E-07	0.257	0.237					STAT5A	5'UTR
cg04751631	7	149,917,170	0.000329	0.257	0.221						
cg07260927	4	11,428,822	1.4E-19	0.257	0.259					HS3ST1	5'UTR
cg15069906	20	55,841,888	0.035447	0.257	0.172					BMP7	TSS200
cg19116429	10	93,647,563	0.006177	0.257	0.221						
cg13013900	17	6,659,326	0.002003	0.257	0.202					XAF1	5'UTR
cg05618426	4	148,401,958	1.95E-08	0.257	0.246					EDNRA	TSS200
cg09513276	20	55,836,676	1.5E-17	0.257	0.261					BMP7	Body
cg09740450	12	125,223,650	6.39E-07	0.257	0.205						
cg01881444	3	69,061,575	2.55E-07	0.257	0.287					C3orf64	5'UTR
cg23266968	14	105,265,793	3.38E-12	0.257	0.248					ZBTB42	TSS1500
cg25431535	22	43,084,985	6.41E-06	0.257	0.202						
cg05171584	6	152,128,535	0.000483	0.257	0.190					ESR1	TSS1500
cg22494725	22	38,709,636	4.62E-06	0.257	0.224					CSNK1E	Body
cg06997549	12	2,944,163	9.44E-05	0.257	0.154					NRIP2	5'UTR
cg16306654	1	6,419,767	8.23E-13	0.257	0.238					ACOT7	Body
cg08584759	10	11,912,126	3.97E-11	0.257	0.221					C10orf47	Body
cg11701148	8	1,993,035	3.13E-05	0.257	0.254	8.32E-08	0.086			MYOM2	TSS200
cg08067998	21	38,580,856	5.14E-15	0.257	0.250			Yes		DSCR9	TSS200
cg18375642	1	171,154,475	1.44E-14	0.257	0.241					FMO2	5'UTR
cg22881914	14	52,536,147	0.012232	0.257	0.259	3.78E-23	0.243			NID2	TSS1500
cg01941755	1	200,004,582	3.27E-05	0.257	0.263			Yes		NR5A2	Body
cg17836612	17	76,976,357	2.97E-07	0.257	0.217					LGALS3BP	TSS1500
cg22377043	15	43,809,486	2.76E-05	0.257	0.238					MAP1A	TSS1500
cg06861426	5	179,244,317	0.002361	0.256	0.123					SQSTM1	5'UTR
cg03232056	7	157,461,310	0.000594	0.256	0.191					PTPRN2	Body
cg07135614	3	138,663,230	0.000152	0.256	0.265					FOXL2	1stExon
cg22473846	5	38,846,743	0.000423	0.256	0.203					OSMR	5'UTR
cg18533525	1	217,581,184	1.22E-06	0.256	0.273						
cg18088242	15	45,422,325	0.006242	0.256	0.218					DUOX1	5'UTR
cg19378036	17	36,105,364	0.027057	0.256	0.258					HNF1B	TSS1500
cg21571060	5	92,414,263	8.85E-09	0.256	0.231						
cg01683883	16	66,613,053	9.1E-09	0.256	0.242	6.85E-29	0.211			CMTM2	TSS1500
cg21762788	8	9,756,501	0.020319	0.256	0.267						



cg04922803	12	104,444,418	5.17E-08	0.256	0.244				<i>GLT8D2</i>	TSS1500
cg03083443	16	1,969,712	4.58E-08	0.256	0.284				<i>HS3ST6</i>	TSS1500
cg19683410	21	46,129,392	0.000133	0.256	0.186				<i>C21orf29</i>	Body
cg25735305	11	124,629,580	4.99E-11	0.256	0.245				<i>ESAM</i>	Body
cg03398481	15	81,666,671	5.26E-09	0.256	0.277				<i>TMC3</i>	TSS1500
cg20065768	16	29,796,685	9.95E-06	0.256	0.272					
cg06109894	2	131,185,499	0.022213	0.256	0.331					
cg08734477	6	7,833,720	4.75E-07	0.256	0.252				<i>BMP6</i>	Body
cg17826834	15	96,868,857	2.2E-06	0.256	0.224				<i>NR2F2</i>	TSS1500
cg02259384	3	58,523,373	3.6E-25	0.256	0.231				<i>ACOX2</i>	TSS1500
cg21497082	6	31,111,270	3.27E-10	0.256	0.245				<i>CCHCR1</i>	Body
cg22713958	17	76,976,245	1.47E-05	0.256	0.206				<i>LGALS3BP</i>	TSS200
cg11111740	6	28,584,288	5.6E-08	0.256	0.249					
cg19507032	2	42,991,422	9.05E-14	0.256	0.264				<i>OXER1</i>	TSS200
cg22641201	10	60,401,105	0.000834	0.256	0.169				<i>BICC1</i>	Body
cg24718971	5	80,256,166	0.019099	0.256	0.252				<i>RASGRF2</i>	TSS1500
cg00039176	5	140,753,076	0.013096	0.256	0.329				<i>PCDHGA4</i>	Body
cg10149870	2	129,106,448	5.53E-12	0.256	0.272					
cg12751644	20	60,527,061	6.83E-09	0.256	0.233					
cg13654344	Y	2,654,978	6.75E-05	0.256	0.280				<i>SRY</i>	3'UTR
cg13867255	9	138,108,675	0.001397	0.256	0.277					
cg14706475	6	25,218,752	1.66E-09	0.256	0.230					
cg20571592	3	40,657,387	2.13E-05	0.256	0.294					
cg19567689	14	97,059,467	2.57E-08	0.256	0.252					
cg18769353	7	137,028,617	0.013099	0.256	0.158				<i>PTN</i>	TSS200
cg03521696	6	29,795,595	1.79E-05	0.256	0.267				<i>HLA-G</i>	5'UTR
cg02468728	19	611,107	0.000382	0.256	0.204				<i>HCN2</i>	Body
cg07830436	6	30,419,066	0.003841	0.256	0.285					
cg27622017	3	181,447,418	0.000444	0.256	0.262				<i>SOX2OT</i>	Body
cg01499197	13	28,544,814	1.49E-07	0.256	0.205				<i>CDX2</i>	TSS1500
cg24801587	7	155,244,101	0.020459	0.256	0.222					
cg25021359	7	123,315,035	1.31E-11	0.256	0.269					
cg24621437	10	108,924,560	0.027725	0.256	0.319				<i>SORCS1</i>	TSS1500
cg15712310	16	73,100,790	3.68E-07	0.256	0.243					

cg16105620	11	74,178,684	0.000803	0.256	0.212				<i>KCNE3</i>	TSS200
cg08898155	7	95,026,097	0.007859	0.256	0.231				<i>PON3</i>	TSS1500
cg02121672	X	24,665,932	0.007994	0.256	0.228				<i>PCYT1B</i>	Body
cg07575518	14	92,413,497	0.009327	0.256	0.281				<i>FBLN5</i>	Body
cg20284239	1	168,091,000	2.94E-18	0.256	0.245				<i>GPR161</i>	5'UTR
cg11324832	3	181,441,806	3.39E-05	0.256	0.250				<i>SOX20T</i>	Body
cg14711108	1	44,813,163	2.03E-16	0.256	0.250				<i>ER13</i>	Body
cg16299576	8	10,872,819	0.000345	0.256	0.274				<i>XKR6</i>	Body
cg18002862	17	2,718,230	4.06E-06	0.256	0.194				<i>RAP1GAP2</i>	Body
cg23236370	5	33,892,705	1.34E-22	0.256	0.240				<i>ADAMTS12</i>	TSS1500
cg04848137	8	38,483,364	8.17E-06	0.256	0.199					
cg03669782	4	54,970,254	0.000451	0.256	0.252					
cg15507690	3	176,919,597	2.43E-07	0.256	0.187					
cg06544405	18	70,536,807	1.76E-05	0.256	0.211					
cg19421368	20	45,280,288	4.22E-15	0.256	0.274				<i>SLC13A3</i>	TSS200
cg11213248	13	28,534,648	0.010894	0.256	0.269					
cg03316934	2	220,510,231	1.42E-09	0.256	0.274					
cg11523350	11	117,171,073	2.4E-10	0.256	0.268				<i>BACE1</i>	Body
cg05048377	16	3,237,964	0.02927	0.256	0.275					
cg24452260	4	158,143,538	1.31E-05	0.256	0.243				<i>GRIA2</i>	Body
cg01288724	5	142,575,122	4.93E-10	0.256	0.265				<i>ARHGAP26</i>	Body
cg18557131	13	100,624,207	0.00284	0.256	0.235				<i>ZIC5</i>	TSS200
cg13048911	5	139,691,821	0.000444	0.256	0.309					
cg24601030	11	111,847,747	0.00513	0.256	0.205				<i>DIXDC1</i>	TSS1500
cg03241461	10	29,924,258	5.08E-09	0.256	0.266				<i>SVIL</i>	TSS1500
cg08701183	7	21,209,781	5.36E-09	0.256	0.260					
cg16596440	4	140,684,596	0.001764	0.256	0.155				<i>MAML3</i>	Body
cg14917244	8	27,469,001	0.000335	0.256	0.215				<i>CLU</i>	TSS200
cg07585069	17	27,039,120	1.82E-05	0.256	0.266				<i>PROCA1</i>	TSS1500
cg09398550	3	68,056,976	0.033585	0.256	0.297				<i>FAM19A1</i>	Body
cg16002305	14	97,879,656	0.011618	0.256	0.333					
cg16991515	6	27,107,019	1.09E-05	0.256	0.238				<i>HIST1H2BK</i>	3'UTR
cg26197915	11	48,085,137	5.99E-08	0.256	0.282				<i>PTPRJ</i>	Body
cg15867728	4	72,898,212	0.000126	0.256	0.223				<i>NPFFR2</i>	Body

cg17974166	1	23,280,069	4.82E-08	0.256	0.257					
cg05797623	4	73,178,007	8.37E-10	0.256	0.254				ADAMTS3	Body
cg21182196	14	95,786,801	0.015975	0.256	0.271				CLMN	TSS1500
cg24087736	1	68,301,529	2.63E-17	0.256	0.263					
cg18358894	7	121,956,890	0.000834	0.256	0.302					
cg23233200	6	26,272,695	0.014932	0.256	0.331				HIST1H3G	TSS1500
cg26833120	1	32,169,568	2.08E-48	0.256	0.256				COL16A1	1stExon
cg12890903	14	24,867,954	1.72E-10	0.256	0.218				NYNRIN	TSS200
cg15123159	6	43,045,686	2.47E-11	0.256	0.190				PTK7	Body
cg09054333	X	142,723,768	0.019348	0.256	0.343				SLITRK4	TSS1500
cg00489394	11	63,259,326	0.000774	0.256	0.205				HRASLS5	TSS1500
cg05898452	7	55,224,863	3.26E-09	0.256	0.221				EGFR	Body
cg22304799	2	28,877,884	4.91E-13	0.256	0.237					
cg00929635	20	44,035,918	4.19E-14	0.256	0.256				DBNDD2	5'UTR
cg04387396	10	72,593,165	1.33E-05	0.256	0.275				SGPL1	Body
cg18793806	2	95,826,087	4.26E-13	0.256	0.213	4.19E-21	0.163		ZNF514	TSS1500
cg25358039	12	81,471,757	0.017825	0.256	0.290				ACSS3	TSS200
cg26117023	2	74,782,096	0.002057	0.256	0.278	4.49E-14	0.225		LOXL3	TSS1500
cg09614479	10	81,967,536	6.95E-07	0.256	0.222					
cg20495737	X	48,327,768	6.89E-05	0.256	0.201				SLC38A5	5'UTR
cg26268277	8	26,372,879	0.000219	0.256	0.229				PNMA2	TSS1500
cg02305242	14	85,996,202	0.012672	0.256	0.235				FLRT2	TSS1500
cg12029804	17	38,821,390	0.012548	0.256	0.243				KRT222	5'UTR
cg25423004	2	176,993,211	1.61E-06	0.256	0.228				HOXD8	TSS1500
cg02619116	17	40,819,808	4.11E-05	0.256	0.259					
cg07918545	10	129,535,669	0.010185	0.256	0.245				FOXI2	1stExon
cg11638071	17	56,405,967	9.08E-09	0.256	0.244				BZRAP1	1stExon
cg21729992	20	55,200,370	2.78E-05	0.256	0.268					
cg01413632	12	76,078,445	0.014001	0.256	0.303					
cg15475650	10	120,938,899	7.91E-06	0.256	0.228				PRDX3	TSS1500
cg20059140	18	11,751,516	0.011732	0.256	0.286				GNAL	TSS200
cg01022200	1	180,881,086	0.000389	0.255	0.220				KIAA1614	TSS1500
cg25668058	12	115,183,175	8.31E-24	0.255	0.239					
cg02495310	5	134,366,831	0.008862	0.255	0.330				PITX1	Body

cg06192866	12	89,748,300	0.003438	0.255	0.280					
cg26248114	1	56,901,693	5.8E-10	0.255	0.241					
cg10110083	6	30,418,845	0.001236	0.255	0.316					
cg20705893	7	157,869,970	2.95E-09	0.255	0.238				<i>PTPRN2</i>	Body
cg01488770	17	59,474,078	9.41E-07	0.255	0.247					
cg16209444	3	58,522,771	7.9E-19	0.255	0.246				<i>ACOX2</i>	5'UTR
cg25762679	1	101,185,311	0.01187	0.255	0.221				<i>VCAM1</i>	1stExon
cg06813578	15	51,386,254	0.001182	0.255	0.255				<i>TNFAIP8L3</i>	Body
cg11141652	22	24,348,549	0.029738	0.255	0.002				<i>GSTTP1</i>	TSS1500
cg13031171	13	29,106,870	0.000453	0.255	0.221					
cg05248655	10	1,454,265	2.12E-13	0.255	0.224				<i>ADARB2</i>	Body
cg16704560	2	15,777,810	1.08E-21	0.255	0.248			Yes		
cg03606772	1	152,487,856	0.001275	0.255	0.272				<i>CRCT1</i>	5'UTR
cg20790648	3	151,619,923	4.79E-12	0.255	0.243					
cg07725206	1	85,251,175	1.43E-16	0.255	0.234					
cg22430861	17	55,584,079	1.15E-07	0.255	0.254				<i>MSI2</i>	Body
cg23637494	3	138,663,400	0.002248	0.255	0.262				<i>FOXL2</i>	1stExon
cg06221393	5	139,089,315	2.49E-07	0.255	0.250					
cg11285496	5	81,882,123	0.000268	0.255	0.222					
cg12272369	10	95,848,841	8.7E-05	0.255	0.235				<i>PLCE1</i>	Body
cg07046818	8	97,166,291	2E-07	0.255	0.257				<i>GDF6</i>	Body
cg19610869	5	157,098,619	4.02E-05	0.255	0.213				<i>C5orf52</i>	5'UTR
cg22301854	4	8,081,109	0.000416	0.255	0.243				<i>ABLIM2</i>	Body
cg20260721	15	63,245,298	1.7E-11	0.255	0.249					
cg22974982	12	30,323,251	0.000787	0.255	0.207					
cg09735465	9	120,507,228	4.18E-07	0.255	0.225					
cg23783653	6	27,059,850	0.014013	0.255	0.238					
cg26695445	16	87,902,677	0.005701	0.255	0.291				<i>SLC7A5</i>	1stExon
cg26979473	7	137,028,389	0.009359	0.255	0.167				<i>PTN</i>	5'UTR
cg20934596	22	31,481,480	0.019191	0.255	0.069				<i>SMTN</i>	Body
cg06193578	19	35,396,475	0.010468	0.255	0.261					
cg06948222	16	87,958,493	5.05E-08	0.255	0.218				<i>CA5A</i>	Body
cg07905054	12	102,272,136	1.71E-09	0.255	0.244				<i>DRAM1</i>	Body
cg18612461	15	75,251,733	7.91E-07	0.255	0.210					

cg21279510	1	8,277,627	0.015607	0.255	0.189					
cg22430700	1	180,511,495	5.64E-14	0.255	0.251					
cg19084031	15	38,361,362	0.000165	0.255	0.193					
cg07961994	4	93,227,195	0.042568	0.255	0.156				<i>GRID2</i>	Body
cg02448597	6	32,160,605	1.67E-07	0.255	0.204				<i>GPSM3</i>	5'UTR
cg08537783	1	10,795,394	9.2E-14	0.255	0.261				<i>CASZ1</i>	5'UTR
cg20699586	1	227,748,719	1.27E-13	0.255	0.247					
cg25330016	17	77,030,281	2.01E-08	0.255	0.213				<i>C1QTNF1</i>	TSS200
cg01192077	5	158,523,507	0.004286	0.255	0.269				<i>EBF1</i>	Body
cg00418027	9	96,716,998	4.8E-05	0.255	0.307				<i>BARX1</i>	Body
cg13169132	1	1,362,340	3.63E-07	0.255	0.238				<i>TMEM88B</i>	Body
cg22193276	2	11,965,198	7.21E-18	0.255	0.246				<i>LPIN1</i>	3'UTR
cg01897496	2	182,545,209	7.42E-06	0.255	0.234				<i>NEUROD1</i>	1stExon
cg02611848	2	74,875,387	3.71E-07	0.255	0.241				<i>C2orf65</i>	TSS1500
cg03465028	15	31,658,323	0.04999	0.255	0.225				<i>KLF13</i>	Body
cg09278107	14	105,779,826	2.83E-22	0.255	0.239				<i>PACS2</i>	TSS1500
cg09670128	12	52,627,047	0.042797	0.255	0.310				<i>KRT7</i>	5'UTR
cg00419094	12	106,480,579	5.9E-58	0.255	0.255				<i>NUAK1</i>	Body
cg19856897	7	142,495,846	7.95E-05	0.255	0.265					
cg20747577	7	26,897,253	2.15E-07	0.255	0.239				<i>SKAP2</i>	Body
cg25382400	3	181,445,514	4.52E-05	0.255	0.233				<i>SOX2OT</i>	Body
cg17759274	19	39,260,954	1.57E-08	0.255	0.246					
cg08660915	22	50,523,790	1.34E-07	0.255	0.225				<i>MLC1</i>	1stExon
cg17710779	10	123,356,331	0.000956	0.255	0.275				<i>FGFR2</i>	5'UTR
cg18430555	5	170,740,937	0.03307	0.255	0.262					
cg20432960	6	50,804,174	0.000547	0.255	0.266				<i>TFAP2B</i>	Body
cg05924583	1	3,569,624	1.9E-06	0.255	0.213	0.0000146	0.082		<i>TP73</i>	5'UTR
cg10159630	2	177,037,364	7.96E-07	0.255	0.204				<i>HOXD3</i>	3'UTR
cg13321164	10	48,416,781	2.86E-12	0.255	0.243				<i>GDF2</i>	5'UTR
cg19566405	17	33,759,965	0.039427	0.255	0.181				<i>SLFN12</i>	TSS1500
cg22031614	15	76,628,424	0.001819	0.255	0.247				<i>ISL2</i>	TSS1500
cg22005990	17	46,659,939	2.17E-06	0.255	0.219					
cg06819923	16	21,214,508	8.96E-11	0.255	0.265				<i>ZP2</i>	Body
cg17157725	22	45,667,757	5.74E-12	0.255	0.234					

cg09233651	12	114,838,567	0.002762	0.255	0.249				<i>TBX5</i>	Body
cg09916783	2	25,391,911	6.68E-06	0.255	0.206				<i>POMC</i>	TSS1500
cg13021619	8	23,563,859	0.00134	0.255	0.251				<i>NKX2-6</i>	1stExon
cg17729667	20	25,566,382	0.005057	0.255	0.140	6.58E-26	0.188		<i>NINL</i>	TSS1500
cg06705122	19	49,371,079	3.86E-05	0.255	0.273				<i>PLEKHA4</i>	5'UTR
cg07451803	5	53,927,032	1.69E-14	0.255	0.254					
cg08678044	19	51,226,849	0.006968	0.255	0.350				<i>CLEC11A</i>	1stExon
cg11231751	19	2,302,783	1.02E-07	0.255	0.268				<i>LINGO3</i>	5'UTR
cg19451673	12	48,398,730	0.020566	0.255	0.119				<i>COL2A1</i>	TSS1500
cg27248029	17	71,039,644	2.17E-05	0.255	0.195				<i>SLC39A11</i>	Body
cg24399540	2	207,307,150	0.000186	0.255	0.237				<i>ADAM23</i>	TSS1500
cg25611057	3	197,121,419	1E-14	0.255	0.211					
cg05720261	1	40,105,304	0.018909	0.255	0.277				<i>HEYL</i>	1stExon
cg12526997	2	242,974,096	9.06E-09	0.255	0.218					
cg26209005	7	132,262,526	0.001716	0.255	0.184				<i>PLXNA4</i>	TSS1500
cg04477962	12	51,317,375	7.03E-17	0.255	0.253				<i>METTL7A</i>	TSS1500
cg06232807	16	51,185,132	0.00063	0.255	0.196				<i>SALL1</i>	TSS1500
cg04311403	1	236,559,646	0.01453	0.255	0.062				<i>EDARADD</i>	Body
cg26202753	7	1,850,203	1.09E-13	0.255	0.255					
cg26251506	7	96,642,163	4.08E-06	0.255	0.249				<i>DLX6AS</i>	Body
cg03922126	6	73,330,297	0.010275	0.255	0.299				<i>KCNQ5</i>	TSS1500
cg17491622	1	1,369,616	0.001079	0.255	0.158				<i>VWA1</i>	TSS1500
cg04032066	11	20,622,721	0.000734	0.255	0.296				<i>SLC6A5</i>	Body
cg12390344	18	21,270,348	1.32E-05	0.255	0.224				<i>LAMA3</i>	Body
cg12501761	2	240,898,385	8.43E-20	0.255	0.232				<i>NDUFA10</i>	3'UTR
cg19722748	7	96,627,700	0.00845	0.255	0.310				<i>DLX6AS</i>	Body
cg21106407	14	57,262,177	0.000878	0.255	0.251					
cg27406678	4	85,417,612	0.0073	0.255	0.266				<i>NKX6-1</i>	Body
cg24181771	6	28,706,472	0.044702	0.255	0.241					
cg07102229	12	47,219,958	4.91E-11	0.255	0.234				<i>SLC38A4</i>	TSS200
cg08473660	8	61,777,765	5.11E-07	0.255	0.231				<i>CHD7</i>	Body
cg13761949	10	35,098,359	0.003415	0.255	0.156				<i>PARD3</i>	Body
cg17949727	1	38,412,684	1.29E-05	0.255	0.248				<i>INPP5B</i>	5'UTR
cg00044995	19	408,683	0.000305	0.255	0.244				<i>C2CD4C</i>	5'UTR

cg01824969	8	67,875,261	0.001207	0.255	0.318					
cg02921624	19	35,068,788	1.19E-05	0.255	0.203				<i>LOC643719</i>	TSS200
cg14190534	14	90,848,416	1.71E-06	0.255	0.220					
cg20945055	17	836,474	2.65E-08	0.255	0.260				<i>NXN</i>	Body
cg08136809	19	41,882,642	0.003352	0.255	0.150				<i>TMEM91</i>	1stExon
cg09855140	13	100,004,097	5.88E-14	0.255	0.247				<i>UBAC2</i>	Body
cg08839210	17	27,045,048	0.000103	0.255	0.236				<i>RAB34</i>	TSS200
cg08698854	7	134,575,306	3.41E-16	0.255	0.253				<i>CALD1</i>	TSS1500
cg15177359	17	73,840,750	5.6E-20	0.255	0.281	5.46E-38	0.161		<i>UNC13D</i>	5'UTR
cg19954017	17	80,333,257	0.000423	0.255	0.278				<i>UTS2R</i>	1stExon
cg04221461	1	243,877,024	4.1E-15	0.255	0.230				<i>AKT3</i>	Body
cg15291243	17	35,298,199	0.00191	0.255	0.242				<i>LHX1</i>	Body
cg03517776	2	64,834,430	0.00217	0.255	0.265					
cg17990365	11	319,718	5.02E-06	0.255	0.179				<i>IFITM3</i>	3'UTR
cg17567560	10	105,036,863	0.00836	0.255	0.104				<i>INA</i>	TSS200
cg13175329	6	25,035,073	5.15E-05	0.255	0.270					
cg16675485	2	6,055,439	3.68E-22	0.255	0.239					
cg16379716	15	75,965,427	3.03E-13	0.255	0.202					
cg03589296	2	66,666,292	2.48E-06	0.255	0.250				<i>MEIS1</i>	Body
cg09136878	1	236,135,584	3.1E-06	0.255	0.241					
cg11643510	2	16,124,837	8.15E-14	0.255	0.221					
cg01120165	22	50,690,152	0.000722	0.255	0.316	4.12E-08	0.128		<i>HDAC10</i>	TSS1500
cg19598293	7	117,854,765	0.003563	0.255	0.241					
cg15111495	3	112,951,743	6.09E-06	0.255	0.236				<i>BOC</i>	5'UTR
cg18358723	5	87,955,618	2.17E-06	0.255	0.246				<i>LOC645323</i>	Body
cg20432507	20	21,689,861	0.000313	0.255	0.269				<i>PAX1</i>	Body
cg03475182	11	110,581,454	0.007079	0.254	0.281				<i>ARHGAP20</i>	Body
cg08655206	1	221,058,198	1.05E-17	0.254	0.235				<i>HLX</i>	3'UTR
cg11009817	5	101,632,372	0.017135	0.254	0.187				<i>SLCO4C1</i>	TSS200
cg16655240	20	32,857,072	0.000171	0.254	0.167				<i>ASIP</i>	3'UTR
cg03793270	11	89,224,684	2.12E-12	0.254	0.273				<i>NOX4</i>	5'UTR
cg13462129	7	96,651,281	6.99E-08	0.254	0.241	0.00000213	0.099		<i>DLX5</i>	Body
cg06809252	1	110,612,044	5.46E-09	0.254	0.223				<i>ALX3</i>	Body
cg17566175	6	56,389,866	0.001104	0.254	0.236				<i>DST</i>	Body

cg19084508	5	150,530,152	1.15E-06	0.254	0.235				<i>ANXA6</i>	5'UTR
cg21451998	1	110,198,240	1.35E-05	0.254	0.274				<i>GSTM4</i>	TSS1500
cg23866687	11	96,026,956	6.56E-07	0.254	0.278				<i>MAML2</i>	Body
cg10576051	15	73,661,652	5.01E-05	0.254	0.265				<i>HCN4</i>	TSS200
cg19709355	17	38,504,102	2.34E-12	0.254	0.269				<i>RARA</i>	Body
cg27425146	1	25,062,925	4.77E-12	0.254	0.266					
cg06316886	2	177,027,043	0.026105	0.254	0.265					
cg16336436	14	76,178,685	8.5E-20	0.254	0.259				<i>TLL5</i>	Body
cg03292222	5	170,734,312	0.00626	0.254	0.155					
cg03816707	20	43,726,544	4.69E-07	0.254	0.283				<i>KCNS1</i>	Body
cg10386298	1	221,050,491	9.59E-06	0.254	0.248					
cg25306277	1	200,003,267	1.01E-10	0.254	0.237				<i>NR5A2</i>	Body
cg00324097	17	75,446,549	0.006116	0.254	0.143				<i>SEPT9</i>	TSS200
cg02392696	12	52,258,264	0.00248	0.254	0.250					
cg06513247	17	75,446,661	0.002102	0.254	0.152				<i>SEPT9</i>	1stExon
cg00794881	1	19,043,573	5.45E-07	0.254	0.222				<i>PAX7</i>	Body
cg03494430	16	2,177,269	1.14E-09	0.254	0.260				<i>PKD1</i>	Body
cg05990080	3	37,965,818	2.36E-23	0.254	0.241				<i>CTDSPL</i>	Body
cg19452248	5	143,883,482	0.003073	0.254	0.204					
cg19096571	7	129,423,354	2.12E-05	0.254	0.252					
cg21885107	14	73,712,289	1.29E-09	0.254	0.231				<i>PAPLN</i>	Body
cg25729445	6	29,595,347	7.64E-12	0.254	0.260				<i>GABBR1</i>	Body
cg27606396	2	113,542,117	2.5E-06	0.254	0.302				<i>IL1A</i>	1stExon
cg09126636	1	113,265,753	4.89E-14	0.254	0.234				<i>FAM19A3</i>	Body
cg16365445	10	33,230,686	9.19E-16	0.254	0.248				<i>ITGB1</i>	5'UTR
cg01826117	16	85,181,279	4.75E-13	0.254	0.244					
cg05531482	7	124,430,753	0.000388	0.254	0.288					
cg13997435	1	153,538,406	1.8E-11	0.254	0.262	3.99E-32	0.186		<i>S100A2</i>	TSS200
cg06611810	19	41,317,067	0.007807	0.254	0.271					
cg01192745	3	31,239,040	0.000243	0.254	0.180					
cg10293403	6	10,421,670	5.92E-06	0.254	0.256					
cg13485230	18	9,709,310	3.05E-06	0.254	0.247				<i>RAB31</i>	Body
cg04612444	8	57,358,713	0.000724	0.254	0.219				<i>PENK</i>	5'UTR
cg05267204	2	55,360,999	0.000204	0.254	0.221			Yes		



cg10583893	19	53,039,743	1.18E-05	0.254	0.237				ZNF808	5'UTR
cg15603424	11	13,300,592	7.3E-07	0.254	0.259				ARNTL	5'UTR
cg17646820	3	66,848,679	6.2E-07	0.254	0.226					
cg05893709	8	39,836,064	0.010953	0.254	0.105				IDO2	Body
cg25516803	3	42,307,519	5.42E-07	0.254	0.266				CCK	TSS1500
cg15454726	1	241,587,609	0.004649	0.254	0.313					
cg14970046	5	1,880,021	1.47E-05	0.254	0.225				IRX4	Body
cg20557801	15	68,121,177	0.001389	0.254	0.192				LBXCOR1	Body
cg09728102	5	66,124,492	0.008831	0.254	0.070				MAST4	TSS200
cg24329557	6	10,882,326	1.93E-05	0.254	0.252				GCM2	TSS1500
cg19468029	3	46,854,231	0.010744	0.254	0.220					
cg26299169	13	28,498,956	0.030443	0.254	0.322				PDX1	3'UTR
cg01323148	2	206,551,212	0.003488	0.254	0.259				NRP2	Body
cg04764624	17	29,718,129	2.8E-09	0.254	0.231				RAB11FIP4	TSS1500
cg06622408	15	89,952,299	0.001259	0.254	0.296					
cg13814351	9	136,446,836	1.65E-18	0.254	0.241				FAM163B	TSS1500
cg16112276	11	58,806,952	3.12E-14	0.254	0.236			Yes		
cg04193065	15	31,528,995	4.31E-06	0.254	0.264					
cg04332927	6	44,039,484	1.37E-05	0.254	0.248					
cg04589008	2	660,692	1.05E-14	0.254	0.240					
cg07791490	8	99,949,391	5.53E-08	0.254	0.265					
cg26635451	12	89,749,142	1.36E-10	0.254	0.249					
cg23164203	6	28,367,475	0.004776	0.254	0.226				ZSCAN12	Body
cg05516272	11	66,311,334	2.74E-20	0.254	0.254				ZDHC24	Body
cg17827017	1	208,333,467	1.05E-17	0.254	0.236				PLXNA2	Body
cg23858410	22	46,276,678	0.001526	0.254	0.269					
cg18359530	5	77,945,219	0.007301	0.254	0.191				LHFPL2	TSS1500
cg26302986	7	90,291,360	7.09E-17	0.254	0.239					
cg27140872	5	147,162,461	0.000973	0.254	0.231				JAKMIP2	TSS1500
cg12110262	10	94,827,200	8.3E-11	0.254	0.240				CYP26C1	Body
cg27346528	17	44,896,212	0.00645	0.254	0.337				WNT3	TSS200
cg08977270	3	158,450,833	6.11E-18	0.254	0.257				RARRES1	TSS1500
cg25825506	7	96,626,659	0.001767	0.254	0.235				DLX6AS	Body
cg24952328	19	19,383,704	0.000297	0.254	0.127				TM6SF2	Body

cg04722391	7	137,032,114	0.005054	0.254	0.198					
cg18310639	1	223,904,225	4.54E-12	0.254	0.235				CAPN2	Body
cg25432738	13	21,009,861	2.39E-18	0.254	0.213				CRYL1	Body
cg00808648	14	105,779,910	1.44E-09	0.254	0.265				PACS2	TSS1500
cg19086540	11	36,397,458	3.28E-05	0.254	0.269				PRR5L	5'UTR
cg25509871	19	40,871,557	0.004943	0.254	0.267				PLD3	5'UTR
cg27599211	12	117,483,006	1.14E-09	0.254	0.181				TESC	Body
cg01639898	1	32,083,012	9.83E-09	0.254	0.229				HCRTR1	TSS1500
cg21504624	9	34,653,580	1.13E-22	0.254	0.241	5.53E-28	0.151		IL11RA	5'UTR
cg07611334	20	327,811	0.035891	0.254	0.034	1.79E-15	0.192		NRSN2	5'UTR
cg02627216	17	38,599,056	4.07E-12	0.254	0.254				IGFBP4	TSS1500
cg03428047	4	140,730,656	8.23E-09	0.254	0.257				MAML3	Body
cg06065125	4	85,402,870	0.001701	0.254	0.236					
cg06478886	5	135,416,029	1.94E-05	0.254	0.195					
cg07207982	6	34,984,930	0.002187	0.254	0.197				ANKS1A	Body
cg07958387	5	172,069,173	2.09E-07	0.254	0.225				NEURL1B	Body
cg12307840	1	223,538,334	0.000905	0.254	0.137				SUSD4	TSS1500
cg10204320	1	32,708,276	4.32E-11	0.254	0.253				MTMR9L	TSS1500
cg14565781	1	45,274,513	2.43E-09	0.254	0.253				BTBD19	1stExon
cg17075998	X	40,104,353	1.55E-09	0.254	0.243					
cg14786652	1	1,109,192	0.012457	0.254	0.292				TTLL10	TSS200
cg18346576	2	27,938,071	4.03E-15	0.254	0.255					
cg03546235	10	102,590,290	1.35E-06	0.254	0.244					
cg24292235	12	8,171,463	0.003238	0.254	0.282					
cg00695799	6	149,803,087	8.08E-09	0.254	0.242				ZC3H12D	5'UTR
cg07202214	11	76,381,081	1.54E-08	0.254	0.230				LRRC32	5'UTR
cg09450063	13	108,922,504	1.56E-06	0.254	0.232				TNFSF13B	1stExon
cg02362103	1	119,532,773	6.62E-09	0.254	0.287				TBX15	TSS1500
cg07389611	17	59,540,267	2.31E-05	0.254	0.193				TBX4	Body
cg09066326	5	140,753,415	0.027628	0.254	0.329				PCDHGA4	Body
cg17919966	15	78,384,712	2.36E-14	0.254	0.241				SH2D7	TSS1500
cg08878323	7	96,652,464	0.002213	0.254	0.233	1.31E-16	0.157		DLX5	Body
cg12798157	1	19,600,719	4.47E-05	0.254	0.227				AKR7L	TSS200
cg08846566	8	80,803,954	0.000191	0.254	0.254					

cg11137160	12	125,674,249	5.28E-08	0.254	0.239					
cg07933926	12	6,485,881	4.72E-08	0.254	0.257				SCNN1A	Body
cg16524733	11	117,070,046	6.56E-11	0.254	0.254				TAGLN	5'UTR
cg10514097	16	86,544,787	0.001625	0.254	0.153				FOXF1	1stExon
cg17033080	2	217,508,851	2.86E-12	0.254	0.268				IGFBP2	Body
cg20555674	17	37,321,631	0.022717	0.254	0.263				ARL5C	Body
cg00766188	15	89,953,370	1.67E-31	0.254	0.245					
cg14006181	14	29,254,942	1.21E-05	0.254	0.263				C14orf23	Body
cg21625570	12	50,268,448	2.47E-08	0.254	0.269				FAIM2	Body
cg21977377	20	21,492,823	0.026195	0.254	0.325				NKX2-2	Body
cg09943560	14	91,581,064	0.011362	0.254	0.118				C14orf159	5'UTR
cg09284275	16	15,923,487	8.36E-13	0.254	0.256				MYH11	Body
cg26509318	12	122,019,760	1.86E-05	0.254	0.264				KDM2B	TSS1500
cg27557378	16	2,286,786	0.046727	0.254	0.086				DNASE1L2	5'UTR
cg08548659	4	32,149,506	0.001399	0.254	0.246					
cg12262378	17	6,899,522	1.99E-08	0.254	0.201				ALOX12	1stExon
cg01484487	2	74,726,892	4.18E-07	0.254	0.259				LBX2	Body
cg10165585	1	29,449,042	0.002906	0.254	0.322				TMEM200B	5'UTR
cg11518846	6	133,562,246	0.010021	0.254	0.305				EYA4	TSS1500
cg14684457	7	26,192,966	0.001585	0.254	0.177				NFE2L3	Body
cg15072619	10	18,294,563	1.16E-06	0.254	0.211				SLC39A12	Body
cg10146203	15	27,111,435	0.000771	0.254	0.252				GABRA5	TSS1500
cg10495164	11	64,631,357	1.76E-15	0.254	0.254				EHD1	Body
cg08424184	1	36,043,633	8.98E-07	0.254	0.248				TFAP2E	Body
cg11018604	5	71,507,163	1.25E-13	0.254	0.241					
cg12850892	11	75,945,585	6.69E-06	0.254	0.218					
cg16902746	19	5,338,881	2.6E-08	0.254	0.245				PTPRS	5'UTR
cg03514351	1	65,991,765	4.29E-06	0.254	0.204				LEPR	5'UTR
cg26886066	13	113,677,034	7.15E-07	0.254	0.252				MCF2L	Body
cg10075976	12	99,303,715	2.37E-05	0.253	0.215				ANKS1B	Body
cg15835542	6	45,709,808	7.24E-07	0.253	0.218					
cg09272748	10	43,428,910	0.009496	0.253	0.293					
cg26348487	19	2,488,560	2.34E-10	0.253	0.240					
cg06562372	7	87,230,196	2.55E-07	0.253	0.237				ABCB1	5'UTR

cg14958635	5	134,870,977	0.000281	0.253	0.248	4.29E-09	0.141		<i>NEUROG1</i>	1stExon
cg22731373	X	24,665,296	0.007742	0.253	0.291				<i>PCYT1B</i>	1stExon
cg26122451	7	92,672,950	2.57E-15	0.253	0.232					
cg08487063	10	102,894,639	0.001083	0.253	0.271				<i>TLX1</i>	Body
cg13715631	5	134,366,914	0.000347	0.253	0.307				<i>PITX1</i>	Body
cg07452312	5	153,775,466	6.49E-10	0.253	0.262				<i>GALNT10</i>	Body
cg24935896	1	201,431,492	5.2E-10	0.253	0.240					
cg01560464	X	142,721,195	0.010603	0.253	0.255				<i>SLITRK4</i>	5'UTR
cg14001023	19	46,526,321	1.58E-08	0.253	0.222				<i>PGLYRP1</i>	1stExon
cg08935418	7	158,110,570	1.19E-07	0.253	0.239				<i>PTPRN2</i>	Body
cg04255201	19	46,999,307	4.92E-12	0.253	0.256				<i>PNMAL2</i>	TSS200
cg19376461	7	110,358,708	1.84E-16	0.253	0.239				<i>IMMP2L</i>	Body
cg20984188	16	67,185,059	0.038119	0.253	0.119				<i>B3GNT9</i>	TSS200
cg22373225	11	45,234,334	8.8E-62	0.253	0.240				<i>PRDM11</i>	Body
cg07269682	11	843,915	1.69E-06	0.253	0.210				<i>TSPAN4</i>	TSS1500
cg18435674	17	38,821,155	0.001207	0.253	0.213				<i>KRT222</i>	Body
cg25977206	14	97,499,484	0.001561	0.253	0.219					
cg08659204	17	35,242,555	2.12E-17	0.253	0.251					
cg14548272	8	99,961,122	2.28E-07	0.253	0.244				<i>OSR2</i>	5'UTR
cg11440030	3	147,137,031	0.019658	0.253	0.340			Yes		
cg22595443	10	14,510,114	1.05E-10	0.253	0.262			Yes		
cg24683414	1	92,952,581	4.09E-06	0.253	0.234				<i>GFI1</i>	TSS1500
cg13526469	3	13,245,693	4.39E-06	0.253	0.216					
cg23677243	15	37,387,525	0.000002	0.253	0.301				<i>MEIS2</i>	Body
cg06346138	1	17,086,071	1.44E-09	0.253	0.239				<i>MST1P9</i>	Body
cg11004890	20	3,218,500	2.39E-14	0.253	0.235	4.58E-08	0.112		<i>SLC4A11</i>	TSS200
cg24518098	1	2,146,288	3.93E-17	0.253	0.252					
cg05546763	14	95,983,383	3.69E-19	0.253	0.213					
cg14166009	19	37,825,309	0.00613	0.253	0.147	0.00000109	0.115	Yes	<i>HKR1</i>	TSS1500
cg12099279	19	40,732,518	0.024842	0.253	0.080				<i>CNTD2</i>	1stExon
cg01414407	1	15,495,100	0.000325	0.253	0.223			Yes	<i>TMEM51</i>	5'UTR
cg10626063	19	38,881,032	1.28E-09	0.253	0.246				<i>SPRED3</i>	1stExon
cg15032142	6	28,414,780	0.009375	0.253	0.258					
cg06506863	7	150,896,449	1.12E-08	0.253	0.272					

cg24725789	10	119,310,288	0.009983	0.253	0.282					
cg20467929	17	72,321,958	1.57E-08	0.253	0.178				<i>KIF19</i>	TSS1500
cg21699330	7	26,193,032	0.006659	0.253	0.150				<i>NFE2L3</i>	Body
cg22237425	17	738,822	1.45E-13	0.253	0.240				<i>NXN</i>	Body
cg18732172	11	504,301	1.24E-11	0.253	0.233				<i>RNH1</i>	5'UTR
cg19083265	17	75,300,284	1.88E-17	0.253	0.217				<i>SEPT9</i>	5'UTR
cg07855319	16	69,123,283	0.001798	0.253	0.274					
cg17384889	6	28,227,068	0.001129	0.253	0.228				<i>NKAPL</i>	TSS200
cg13598010	7	72,838,776	1.59E-06	0.253	0.220					
cg14087413	9	35,848,330	5.63E-07	0.253	0.252				<i>TMEM8B</i>	Body
cg21963436	13	28,541,142	0.009518	0.253	0.196				<i>CDX2</i>	Body
cg10784030	1	38,412,688	1.21E-05	0.253	0.244	7.57E-26	0.207		<i>INPP5B</i>	5'UTR
cg19924619	1	165,323,692	1.99E-05	0.253	0.269				<i>LMX1A</i>	Body
cg01295339	2	74,729,710	4E-05	0.253	0.252				<i>LBX2</i>	Body
cg07446753	7	2,527,391	8.98E-15	0.253	0.243					
cg15905656	17	8,584,536	1.45E-05	0.253	0.267					
cg00478361	1	26,552,116	0.000196	0.253	0.260					
cg15622912	5	175,225,021	0.009548	0.253	0.242				<i>CPLX2</i>	5'UTR
cg18389639	10	97,049,610	3.39E-07	0.253	0.251				<i>PDLIM1</i>	Body
cg27350104	11	70,958,638	1.28E-22	0.253	0.233					
cg05861512	14	94,442,960	0.002846	0.253	0.265					
cg08141518	X	133,680,974	2.88E-05	0.253	0.232				<i>MIR424</i>	TSS1500
cg22313574	8	27,468,981	2.21E-06	0.253	0.229				<i>CLU</i>	TSS200
cg04832245	6	32,829,144	0.007597	0.253	0.209					
cg03379797	6	138,892,911	0.001511	0.253	0.182				<i>NHSL1</i>	1stExon
cg16137147	1	221,067,896	0.022829	0.253	0.257					
cg16299455	14	75,894,309	0.015212	0.253	0.081				<i>JDP2</i>	TSS200
cg02772995	2	161,348,781	0.000265	0.253	0.278				<i>RBMS1</i>	Body
cg05826255	18	55,019,307	0.000688	0.253	0.232				<i>ST8SIA3</i>	TSS1500
cg23369564	1	150,123,734	1.54E-07	0.253	0.256				<i>PLEKHO1</i>	Body
cg24360197	15	66,662,775	0.038449	0.253	0.122					
cg25323057	10	88,730,481	0.000921	0.253	0.204				<i>C10orf116</i>	3'UTR
cg19488874	2	175,193,551	0.000401	0.253	0.289					
cg09048129	11	119,234,607	5.98E-05	0.253	0.226				<i>USP2</i>	1stExon

cg16045423	22	39,377,790	0.000903	0.253	0.253				<i>APOBEC3B</i>	TSS1500
cg05479130	3	52,316,296	4.15E-22	0.253	0.244					
cg10167978	15	57,825,722	1.18E-22	0.253	0.242			Yes	<i>CGNL1</i>	Body
cg21590108	8	23,609,057	6.12E-12	0.253	0.227					
cg14500300	9	211,689	0.000213	0.253	0.318					
cg23989336	17	79,283,915	1.73E-07	0.253	0.203				<i>C17orf55</i>	TSS1500
cg00088688	6	167,560,504	6.68E-11	0.253	0.197					
cg03451178	2	172,864,273	9.5E-09	0.253	0.244				<i>MAP1D</i>	TSS1500
cg11584690	19	42,574,196	3.16E-07	0.253	0.222	5.64E-25	0.190			
cg15092219	1	247,511,364	3.83E-05	0.253	0.246					
cg18719157	X	133,680,925	8.35E-08	0.253	0.264				<i>MGC16121</i>	TSS1500
cg02587648	1	2,023,258	0.000459	0.253	0.293				<i>PRKCZ</i>	Body
cg11124260	10	79,709,078	1.18E-08	0.253	0.215					
cg15393022	1	54,775,837	1.35E-08	0.253	0.221				<i>SSBP3</i>	Body
cg20599798	2	31,361,760	0.012312	0.253	0.139				<i>GALNT14</i>	TSS200
cg00255142	6	31,830,812	0.045471	0.253	0.249				<i>NEU1</i>	TSS200
cg27361914	19	51,567,972	0.000133	0.253	0.255				<i>KLK13</i>	Body
cg18450500	14	104,690,201	8.51E-11	0.253	0.239					
cg20696432	17	18,881,907	3.5E-10	0.253	0.220				<i>SLC5A10</i>	Body
cg22186831	5	176,544,048	0.04313	0.253	0.265					
cg18871289	17	72,210,278	7.2E-09	0.253	0.202				<i>MGC16275</i>	TSS1500
cg05937292	5	77,269,342	0.001318	0.253	0.275					
cg18546384	7	2,077,057	9.52E-22	0.253	0.232				<i>MAD1L1</i>	Body
cg21197219	1	3,374,906	6.35E-12	0.253	0.237				<i>ARHGEF16</i>	5'UTR
cg18292394	10	82,049,450	4.9E-05	0.253	0.204	2.03E-28	0.236		<i>MAT1A</i>	TSS200
cg19391535	7	148,398,020	2.28E-18	0.253	0.244				<i>CUL1</i>	5'UTR
cg07177380	4	175,133,151	0.001572	0.253	0.242					
cg13941669	5	156,886,982	0.002141	0.253	0.150				<i>NIPAL4</i>	TSS200
cg09292226	6	1,392,250	4.58E-11	0.253	0.217				<i>FOXF2</i>	Body
cg18786623	6	29,894,050	2.18E-05	0.253	0.179				<i>HCG4P6</i>	TSS1500
cg20709530	20	36,040,249	6.51E-10	0.253	0.270					
cg00083042	10	30,404,617	2.65E-12	0.253	0.241					
cg05996671	3	123,518,635	1.34E-09	0.253	0.232				<i>MYLK</i>	5'UTR
cg24981593	2	45,160,253	0.013527	0.253	0.226					

cg19302183	1	56,397,400	8.79E-12	0.253	0.243					
cg25204319	2	12,984,815	4.47E-10	0.253	0.227					
cg01302656	14	29,254,853	0.001398	0.253	0.176				<i>C14orf23</i>	Body
cg01695225	2	73,152,672	0.000383	0.253	0.246				<i>EMX1</i>	Body
cg06626184	9	126,775,931	8.79E-07	0.253	0.241				<i>LHX2</i>	Body
cg15931949	3	138,662,315	1.06E-08	0.253	0.255					
cg19925849	19	54,445,377	0.000501	0.253	0.262				<i>CACNG7</i>	Body
cg14682922	5	1,016,768	0.000606	0.253	0.244				<i>NKD2</i>	Body
cg17349352	7	45,066,738	1.84E-10	0.253	0.227				<i>CCM2</i>	Body
cg11130317	14	103,739,856	4.07E-05	0.253	0.185					
cg26624796	16	30,406,176	5.73E-05	0.253	0.212				<i>ZNF48</i>	TSS1500
cg01362455	6	29,855,490	7.72E-21	0.253	0.218				<i>HLA-H</i>	Body
cg12426652	21	37,915,056	3.91E-11	0.253	0.236				<i>CLDN14</i>	TSS200
cg18917517	2	242,743,958	0.002535	0.253	0.321					
cg00512280	19	2,282,161	0.002631	0.253	0.224				<i>C19orf35</i>	5'UTR
cg10497871	14	92,041,114	2.14E-05	0.253	0.224				<i>C14orf184</i>	5'UTR
cg15342087	6	30,720,209	4.74E-09	0.253	0.175					
cg20797905	17	78,747,227	3.3E-07	0.253	0.241				<i>RPTOR</i>	Body
cg25878366	11	12,767,438	4.75E-22	0.253	0.256				<i>TEAD1</i>	5'UTR
cg25510753	7	130,008,536	2.11E-05	0.253	0.211				<i>CPA5</i>	3'UTR
cg26140790	10	126,301,281	9.49E-08	0.253	0.269				<i>LHPP</i>	Body
cg18887230	7	98,739,627	0.03522	0.253	0.247				<i>SMURF1</i>	Body
cg20011326	11	59,333,844	0.024193	0.253	0.251					
cg10274022	19	40,871,697	0.00117	0.253	0.253				<i>PLD3</i>	5'UTR
cg11559446	8	141,728,568	5.93E-28	0.253	0.262				<i>PTK2</i>	Body
cg04682802	20	11,898,478	0.00958	0.253	0.083				<i>BTBD3</i>	5'UTR
cg03454711	8	144,852,716	0.000122	0.252	0.240					
cg05349837	12	54,430,991	3.63E-15	0.252	0.221				<i>HOXC4</i>	5'UTR
cg06016684	X	20,134,557	0.008542	0.252	0.227				<i>MAP7D2</i>	Body
cg25741215	2	63,287,082	0.034838	0.252	0.318					
cg03244411	6	99,295,790	0.000439	0.252	0.205					
cg11848487	6	48,035,985	3.96E-07	0.252	0.267				<i>C6orf138</i>	1stExon
cg02898159	19	5,346,237	4.6E-05	0.252	0.259					
cg23165899	6	19,837,095	0.021786	0.252	0.148				<i>ID4</i>	TSS1500

cg26895569	1	204,329,222	4.45E-11	0.252	0.250				<i>PLEKHA6</i>	TSS200
cg09024435	3	62,360,893	0.034607	0.252	0.268					
cg08543966	19	35,646,150	0.012292	0.252	0.295				<i>FXVD5</i>	5'UTR
cg07533422	5	92,935,283	4.69E-12	0.252	0.245					
cg16117799	4	81,106,857	0.000447	0.252	0.220				<i>PRDM8</i>	5'UTR
cg17301216	15	89,920,348	6.42E-09	0.252	0.269				<i>LOC254559</i>	TSS1500
cg17827328	1	36,817,299	5.2E-48	0.252	0.241				<i>STK40</i>	Body
cg14606328	21	45,177,639	1.33E-09	0.252	0.260				<i>PDXK</i>	3'UTR
cg22968966	16	22,959,875	0.00193	0.252	0.254					
cg11685547	9	135,455,303	2.96E-06	0.252	0.256					
cg14789818	1	227,748,712	1.85E-15	0.252	0.232					
cg21880222	2	103,327,770	3.37E-06	0.252	0.299				<i>SLC9A2</i>	3'UTR
cg05250119	15	79,123,384	1.11E-08	0.252	0.248					
cg16509239	11	62,212,431	1.03E-12	0.252	0.240				<i>AHNAK</i>	Body
cg26544247	2	25,473,781	8.51E-17	0.252	0.227				<i>DNMT3A</i>	Body
cg00326908	8	66,755,120	0.005713	0.252	0.161				<i>PDE7A</i>	TSS1500
cg03035653	X	99,662,932	0.000138	0.252	0.283				<i>PCDH19</i>	1stExon
cg06390484	7	134,575,271	1.69E-10	0.252	0.250				<i>CALD1</i>	TSS1500
cg06991300	4	122,301,724	0.000414	0.252	0.235				<i>QRFPR</i>	1stExon
cg13356540	1	7,449,057	1.69E-21	0.252	0.234				<i>CAMTA1</i>	Body
cg16860686	22	42,311,634	1.65E-07	0.252	0.237					
cg02576468	19	41,074,006	0.017687	0.252	0.139				<i>SPTBN4</i>	Body
cg09555124	6	160,451,213	2.05E-13	0.252	0.271				<i>IGF2R</i>	Body
cg24205914	10	62,761,575	1.15E-07	0.252	0.198				<i>RHOBTB1</i>	TSS1500
cg11932249	X	71,524,953	2.31E-06	0.252	0.225				<i>CITED1</i>	5'UTR
cg25698741	10	120,006,292	1.7E-05	0.252	0.252					
cg03982831	1	182,669,315	0.001369	0.252	0.244					
cg20608895	13	109,896,380	0.000749	0.252	0.227					
cg05858042	11	569,232	2.13E-05	0.252	0.282				<i>MIR210</i>	TSS1500
cg23883058	2	5,813,866	0.000911	0.252	0.188					
cg24633771	8	104,149,619	0.002131	0.252	0.176				<i>C8orf56</i>	Body
cg26314722	1	234,867,300	3.23E-09	0.252	0.234					
cg04548856	14	57,284,528	0.000227	0.252	0.214				<i>OTX2OS1</i>	Body
cg15981734	2	200,334,558	3.94E-05	0.252	0.255				<i>FLJ32063</i>	Body



cg24753061	18	19,752,362	1.44E-11	0.252	0.222				<i>GATA6</i>	Body
cg26977936	6	28,558,022	2.72E-05	0.252	0.270					
cg13391820	12	4,384,404	0.007327	0.252	0.272				<i>CCND2</i>	Body
cg01105948	13	32,605,196	0.001484	0.252	0.131				<i>FRY</i>	TSS1500
cg01196788	2	19,561,709	2E-16	0.252	0.254					
cg04029933	20	31,068,427	2.23E-38	0.252	0.257				<i>C20orf112</i>	5'UTR
cg07007400	12	52,626,831	1.35E-05	0.252	0.273	3.45E-22	0.193		<i>KRT7</i>	TSS200
cg13407975	19	18,705,946	3.39E-05	0.252	0.253				<i>CRLF1</i>	Body
cg26624134	11	128,761,419	0.003844	0.252	0.166	4.26E-13	0.146		<i>KCNJ5</i>	1stExon
cg03221483	17	75,315,081	0.023211	0.252	0.208				<i>SEPT9</i>	5'UTR
cg04495354	16	57,294,356	6.72E-06	0.252	0.275				<i>PLLP</i>	Body
cg12741645	15	89,167,736	8.28E-05	0.252	0.258				<i>AEN</i>	5'UTR
cg14686555	2	6,121,915	0.000375	0.252	0.272				<i>LOC400940</i>	TSS200
cg02779944	1	200,004,584	8.38E-06	0.252	0.265				<i>NR5A2</i>	Body
cg26621699	4	145,566,903	6.68E-05	0.252	0.224				<i>HHIP</i>	TSS1500
cg02101773	20	20,347,593	0.007559	0.252	0.182				<i>INSM1</i>	TSS1500
cg02457680	1	154,475,139	0.010384	0.252	0.148				<i>TDRD10</i>	5'UTR
cg19047868	17	46,669,485	1.19E-14	0.252	0.235				<i>LOC404266</i>	TSS200
cg07865216	10	98,910,008	1.8E-13	0.252	0.266				<i>SLIT1</i>	Body
cg06869454	6	3,770,466	2.02E-07	0.252	0.248					
cg06946797	16	11,422,409	7.59E-06	0.252	0.288					
cg14742937	8	39,172,097	5.46E-05	0.252	0.275				<i>ADAM5P</i>	TSS200
cg04501840	1	226,737,975	0.004881	0.252	0.238				<i>C1orf95</i>	Body
cg02767634	5	179,036,637	4.69E-05	0.252	0.272				<i>RUFY1</i>	3'UTR
cg18457851	X	40,104,514	2.48E-06	0.252	0.236					
cg26445608	20	2,780,114	2.17E-17	0.252	0.239				<i>CPXM1</i>	Body
cg01324702	5	138,290,007	3.87E-19	0.252	0.215				<i>SIL1</i>	Body
cg20073153	10	30,238,815	0.000339	0.252	0.283					
cg22776856	16	3,072,572	1.74E-10	0.252	0.251				<i>THOC6</i>	TSS1500
cg23643814	17	2,627,585	0.00039	0.252	0.313					
cg09565397	8	145,543,014	4.3E-15	0.252	0.242				<i>DGAT1</i>	Body
cg19131313	8	1,704,013	0.000265	0.252	0.245					
cg03361164	6	100,915,805	0.005106	0.252	0.300					
cg06202585	2	38,325,802	2.79E-06	0.252	0.240					

cg12046414	2	220,379,199	0.011902	0.252	0.207					<i>ACCN4</i>	1stExon
cg04688351	2	223,154,140	0.008525	0.252	0.280					<i>PAX3</i>	Body
cg21568106	2	66,805,366	0.009078	0.252	0.257						
cg05817758	11	13,030,567	0.004088	0.252	0.107					<i>RASSF10</i>	TSS200
cg09050331	8	70,984,917	1.72E-07	0.252	0.243					<i>PRDM14</i>	TSS1500
cg10660256	5	78,407,683	5.63E-05	0.252	0.262	1.74E-22	0.261			<i>BHMT</i>	5'UTR
cg20114113	10	93,391,963	0.000415	0.252	0.212			Yes		<i>PPP1R3C</i>	Body
cg24072451	2	133,888,263	2.13E-15	0.252	0.252					<i>NCKAP5</i>	Body
cg27048684	16	27,791,167	0.000742	0.252	0.192					<i>KIAA0556</i>	3'UTR
cg01408508	20	26,188,639	0.001302	0.252	0.229						
cg03171465	2	99,553,830	1.34E-05	0.252	0.257					<i>C2orf55</i>	TSS1500
cg07644368	5	115,152,785	0.037846	0.252	0.032	0.0009046	0.082			<i>CDO1</i>	TSS1500
cg15148933	4	94,756,031	8.47E-06	0.252	0.235						
cg02132714	17	46,656,690	0.00119	0.252	0.235					<i>HOXB4</i>	TSS1500
cg08010865	13	24,807,902	2.83E-09	0.252	0.237			Yes		<i>SPATA13</i>	Body
cg12627354	11	46,940,434	4.21E-05	0.252	0.227					<i>LRP4</i>	TSS1500
cg22795212	1	33,938,026	0.039368	0.252	0.233					<i>ZSCAN20</i>	TSS1500
cg19383430	3	187,086,187	0.019798	0.252	0.090					<i>RTP4</i>	5'UTR
cg07734975	11	9,780,844	1.34E-14	0.252	0.226						
cg13305336	1	229,366,001	6.48E-05	0.252	0.300						
cg15344504	3	31,677,078	3.18E-15	0.252	0.257					<i>STT3B</i>	Body
cg26939195	6	32,077,020	0.000386	0.252	0.223					<i>TNXB</i>	5'UTR
cg06862374	2	219,736,549	1.67E-05	0.252	0.236					<i>WNT6</i>	Body
cg02202193	6	6,546,851	0.025677	0.252	0.103					<i>LOC285780</i>	Body
cg13308964	17	69,029,659	0.000329	0.252	0.254						
cg16028753	1	53,527,435	2.64E-08	0.252	0.192	6.29E-25	0.180			<i>PODN</i>	TSS1500
cg01466288	1	119,550,803	0.007052	0.252	0.251						
cg26624914	9	33,448,382	1.4E-19	0.252	0.245	1.07E-16	0.215			<i>SUGT1P1</i>	Body
cg02770252	6	14,450,312	1.88E-22	0.252	0.240						
cg11944797	13	99,135,711	1.57E-06	0.252	0.171					<i>STK24</i>	Body
cg16343134	6	136,657,129	4.27E-12	0.252	0.252						
cg02383785	7	127,808,848	0.000111	0.252	0.247						
cg12298745	18	76,737,545	6.81E-05	0.252	0.258						
cg10210397	8	42,410,091	9.34E-08	0.252	0.250						

cg14511652	9	133,783,802	7.78E-08	0.252	0.246				<i>FIBCD1</i>	Body
cg00711072	17	46,669,489	6.1E-18	0.252	0.237				<i>LOC404266</i>	TSS200
cg12382153	15	58,357,204	0.005514	0.252	0.141				<i>ALDH1A2</i>	Body
cg20543544	10	81,003,657	0.000369	0.252	0.239				<i>ZMIZ1</i>	Body
cg02541778	8	55,382,901	0.041954	0.252	0.320					
cg07016556	17	79,393,532	0.003662	0.252	0.084				<i>BAHCC1</i>	Body
cg23477460	3	66,848,765	0.000314	0.252	0.279					
cg02932355	8	102,184,648	3.21E-10	0.252	0.250					
cg03671802	18	56,941,473	0.011422	0.252	0.233				<i>RAX</i>	TSS1500
cg08297985	16	85,343,488	1.46E-25	0.252	0.236					
cg01591025	7	25,018,595	2.51E-11	0.252	0.247				<i>OSBPL3</i>	5'UTR
cg00490606	8	102,217,748	1.56E-10	0.252	0.247				<i>ZNF706</i>	5'UTR
cg15278646	15	28,341,980	0.028081	0.252	0.319				<i>OCA2</i>	5'UTR
cg00084094	12	109,096,204	0.000621	0.252	0.264				<i>CORO1C</i>	5'UTR
cg09587549	16	31,214,126	0.024654	0.252	0.128	1.47E-10	0.156		<i>PYCARD</i>	5'UTR
cg07240834	4	175,139,755	3.55E-07	0.252	0.216					
cg08475096	4	158,143,750	9.58E-06	0.252	0.207				<i>GRIA2</i>	Body
cg13032463	6	166,582,585	0.000638	0.252	0.326				<i>T</i>	TSS1500
cg18302225	5	55,776,401	9.18E-05	0.252	0.152					
cg01444716	20	11,898,557	0.013053	0.252	0.079				<i>BTBD3</i>	5'UTR
cg04092800	5	40,681,444	3.09E-08	0.252	0.259				<i>PTGER4</i>	Body
cg06212224	2	175,198,768	0.004602	0.252	0.196				<i>SP9</i>	TSS1500
cg07345734	14	36,986,363	0.005956	0.252	0.327				<i>NKX2-1</i>	3'UTR
cg19455840	10	102,906,171	0.000249	0.252	0.262			Yes		
cg08358166	17	18,538,271	0.033408	0.252	0.291					
cg11080549	5	92,909,968	5.26E-06	0.252	0.211				<i>FLJ42709</i>	Body
cg13514772	8	38,770,414	2.36E-12	0.252	0.261				<i>PLEKHA2</i>	5'UTR
cg05393726	3	133,615,119	0.027094	0.252	0.193				<i>RAB6B</i>	TSS1500
cg18151012	1	19,600,909	7.25E-05	0.252	0.204				<i>AKR7L</i>	TSS1500
cg05133179	11	116,451,176	0.012537	0.252	0.229					
cg23095743	10	104,000,831	0.005008	0.252	0.303				<i>PITX3</i>	5'UTR
cg02236679	16	78,782,477	3.8E-18	0.251	0.231				<i>WWOX</i>	Body
cg02817030	7	20,833,508	0.005503	0.251	0.248					
cg04167854	11	18,031,127	5.58E-08	0.251	0.259				<i>SERGEF</i>	Body

cg16162324	12	104,852,047	4.52E-05	0.251	0.221				<i>CHST11</i>	Body
cg24794531	3	142,443,837	0.005971	0.251	0.236	8.69E-18	0.168		<i>TRPC1</i>	Body
cg19623418	20	55,499,548	1.53E-09	0.251	0.267					
cg26885268	7	149,389,941	0.00036	0.251	0.248					
cg27641532	6	27,648,317	8.78E-06	0.251	0.296					
cg21999939	5	2,755,004	3.07E-05	0.251	0.268				<i>C5orf38</i>	Body
cg21771173	5	169,064,071	0.005019	0.251	0.316				<i>DOCK2</i>	TSS200
cg27342781	16	84,566,279	5.92E-13	0.251	0.239					
cg24642844	7	1,081,250	2.32E-19	0.251	0.237				<i>C7orf50</i>	Body
cg24701575	11	31,845,389	0.016894	0.251	0.269					
cg14424538	20	1,784,365	0.030576	0.251	0.088					
cg18278184	10	70,847,430	0.015022	0.251	0.083				<i>SRGN</i>	TSS1500
cg23323891	14	57,200,519	5.55E-08	0.251	0.213					
cg08293075	6	32,156,294	2.58E-20	0.251	0.244				<i>PBX2</i>	Body
cg09385936	14	100,791,876	1.87E-09	0.251	0.249				<i>C14orf68</i>	Body
cg17489871	2	439,337	1.03E-07	0.251	0.234					
cg23502162	2	189,839,015	9.22E-13	0.251	0.233				<i>COL3A1</i>	TSS200
cg14516100	4	186,560,083	1.17E-05	0.251	0.246				<i>SORBS2</i>	Body
cg26718433	10	44,880,730	0.002149	0.251	0.226				<i>CXCL12</i>	TSS200
cg12140851	7	26,897,612	6.52E-13	0.251	0.243				<i>SKAP2</i>	Body
cg18145759	2	109,901,466	1.94E-16	0.251	0.284				<i>SH3RF3</i>	Body
cg18270675	11	85,422,118	7.69E-06	0.251	0.247				<i>SYTL2</i>	Body
cg05614333	15	27,111,774	0.000623	0.251	0.242				<i>GABRA5</i>	TSS1500
cg05746024	1	154,540,074	0.004968	0.251	0.249				<i>CHRNA2</i>	TSS200
cg25738714	1	50,893,658	0.018487	0.251	0.227					
cg18300492	5	2,129,206	0.026747	0.251	0.223					
cg10304824	2	177,028,804	4.05E-05	0.251	0.235				<i>HOXD3</i>	1stExon
cg22490780	5	16,867,064	7.24E-14	0.251	0.246				<i>MYO10</i>	Body
cg02025879	16	22,326,203	2.81E-15	0.251	0.241				<i>POLR3E</i>	Body
cg03356778	11	120,110,544	1.93E-12	0.251	0.232				<i>POU2F3</i>	TSS1500
cg05353869	11	75,139,544	0.006374	0.251	0.204				<i>KLHL35</i>	Body
cg24446429	18	74,798,054	4.13E-08	0.251	0.206				<i>MBP</i>	Body
cg17251265	17	5,487,585	8.2E-11	0.251	0.251			Yes	<i>NLRP1</i>	5'UTR
cg11873372	10	130,274,436	0.000272	0.251	0.183					

cg15806857	17	2,305,903	0.000589	0.251	0.254					
cg10653163	12	109,124,059	0.000222	0.251	0.107				<i>CORO1C</i>	5'UTR
cg17470251	8	19,459,996	1.26E-06	0.251	0.230				<i>CSGALNACT1</i>	1stExon
cg04477010	8	38,175,544	2.07E-16	0.251	0.246				<i>WHSC1L1</i>	Body
cg06707663	11	61,381,267	6.98E-09	0.251	0.252				<i>RPLPOP2</i>	TSS1500
cg26767389	13	30,594,417	1.73E-17	0.251	0.244					
cg18944047	17	72,322,143	0.006615	0.251	0.187				<i>KIF19</i>	TSS1500
cg12787405	20	42,955,658	6.63E-05	0.251	0.244					
cg03287111	2	121,625,634	4.01E-06	0.251	0.250			Yes	<i>GLI2</i>	Body
cg09638944	3	149,424,680	1.23E-11	0.251	0.285					
cg02672493	3	136,537,709	0.000874	0.251	0.282	1.37E-33	0.249		<i>TMEM22</i>	TSS200
cg03857553	22	29,976,613	0.000205	0.251	0.138				<i>NIPSNAP1</i>	Body
cg24885937	11	16,898,482	0.000568	0.251	0.224				<i>PLEKHA7</i>	Body
cg05875017	2	233,390,771	4.95E-05	0.251	0.230				<i>CHRND</i>	TSS200
cg17186066	8	80,740,613	0.003697	0.251	0.240					
cg08196032	14	95,239,751	0.017278	0.251	0.258					
cg11739633	1	156,459,986	1.62E-07	0.251	0.248				<i>MEF2D</i>	5'UTR
cg01612824	14	56,313,920	5.06E-11	0.251	0.258					
cg04478905	21	37,915,091	1.08E-12	0.251	0.226				<i>CLDN14</i>	TSS200
cg15531512	8	123,706,630	5.16E-07	0.251	0.279					
cg19351026	2	63,285,425	0.010024	0.251	0.269					
cg15645287	10	34,569,552	1.04E-05	0.251	0.254				<i>PARD3</i>	Body
cg17823004	5	34,804,746	0.001915	0.251	0.221				<i>RAI14</i>	Body
cg15700437	1	152,487,844	0.003462	0.251	0.264				<i>CRCT1</i>	5'UTR
cg15264806	18	59,000,800	0.019137	0.251	0.245					
cg01597480	7	120,629,404	4.92E-09	0.251	0.225				<i>C7orf58</i>	5'UTR
cg10635895	12	2,339,439	3.38E-15	0.251	0.245				<i>CACNA1C</i>	Body
cg14928932	6	33,401,520	2.94E-13	0.251	0.255				<i>SYNGAP1</i>	Body
cg16683746	8	93,113,829	0.000288	0.251	0.279					
cg22891862	10	101,279,697	3.23E-05	0.251	0.232					
cg21239997	2	24,398,519	1.13E-07	0.251	0.240				<i>C2orf84</i>	Body
cg06779449	20	42,544,663	1.28E-07	0.251	0.249				<i>TOX2</i>	TSS200
cg14912728	17	15,164,634	0.006828	0.251	0.216				<i>PMP22</i>	5'UTR
cg08071609	6	117,086,040	0.000105	0.251	0.268				<i>FAM162B</i>	Body

cg10123421	19	11,785,062	5.56E-06	0.251	0.198				<i>ZNF833</i>	Body
cg19020855	17	41,669,266	6.44E-16	0.251	0.248					
cg03480346	2	24,232,603	0.00856	0.251	0.159				<i>MFSD2B</i>	TSS1500
cg13722700	10	46,993,502	1.48E-08	0.251	0.236				<i>GPRIN2</i>	TSS200
cg15991175	3	52,313,923	2.61E-05	0.251	0.219				<i>WDR82</i>	TSS1500
cg16651877	1	45,276,338	5.53E-15	0.251	0.250				<i>BTBD19</i>	Body
cg18663382	6	30,418,789	0.000103	0.251	0.252					
cg14067419	9	98,783,308	0.007673	0.251	0.196				<i>NCRNA00092</i>	Body
cg01253160	11	124,747,172	8.02E-05	0.251	0.301				<i>ROBO3</i>	Body
cg04638014	4	57,371,368	0.002734	0.251	0.278				<i>ARL9</i>	TSS200
cg14942424	20	55,207,002	0.000934	0.251	0.171				<i>TFAP2C</i>	Body
cg15008124	12	114,337,844	1.11E-06	0.251	0.244				<i>RBM19</i>	Body
cg00371418	17	35,014,438	0.00376	0.251	0.191					
cg04517738	8	66,196,608	0.001137	0.251	0.263					
cg08563601	2	215,675,518	3.16E-10	0.251	0.166				<i>BARD1</i>	TSS1500
cg11136654	2	235,286,867	5.84E-07	0.251	0.273					
cg12646649	10	102,987,257	0.000158	0.251	0.270				<i>LBX1</i>	Body
cg10552523	11	313,478	8.12E-11	0.251	0.212				<i>IFITM1</i>	TSS1500
cg13066983	3	68,057,306	0.006685	0.251	0.239				<i>FAM19A1</i>	Body
cg13569342	12	44,255,515	3.2E-16	0.251	0.241				<i>TMEM117</i>	Body
cg26768558	16	88,751,897	2.84E-13	0.251	0.239				<i>MGC23284</i>	Body
cg20036706	10	131,711,529	2.91E-13	0.251	0.242				<i>EBF3</i>	Body
cg20848988	7	36,247,779	1.99E-06	0.251	0.249				<i>EEDP1</i>	Body
cg26440142	1	221,057,573	1.05E-14	0.251	0.229				<i>HLX</i>	Body
cg04640675	16	30,572,739	0.006406	0.251	0.237					
cg12103037	14	36,985,711	1.79E-05	0.251	0.265				<i>NKX2-1</i>	3'UTR
cg12880658	5	115,152,386	0.012591	0.251	0.147	6.31E-09	0.160		<i>CDO1</i>	1stExon
cg22670329	4	74,702,075	2.29E-08	0.251	0.239	1.24E-18	0.181		<i>CXCL6</i>	TSS200
cg00376544	17	6,679,348	0.015673	0.251	0.174				<i>FBXO39</i>	TSS1500
cg11472521	17	48,050,512	1.35E-05	0.251	0.219				<i>DLX4</i>	Body
cg26196626	8	121,989,053	1.34E-07	0.251	0.211					
cg03133266	22	23,908,776	0.022552	0.251	0.271					
cg02282833	5	32,726,189	1.3E-07	0.251	0.246				<i>NPR3</i>	Body
cg02123734	10	50,649,666	4.1E-07	0.251	0.220					

cg03943605	10	76,818,994	8.69E-18	0.251	0.245				<i>DUPD1</i>	TSS1500
cg05347431	X	132,547,568	0.007876	0.251	0.018				<i>GPC4</i>	Body
cg13522882	2	102,316,496	0.00118	0.251	0.234				<i>MAP4K4</i>	Body
cg11429044	19	13,947,473	6.46E-08	0.251	0.256				<i>MIR23A</i>	TSS200
cg13476058	6	28,557,210	0.014203	0.251	0.197					
cg00240880	20	43,343,233	1.67E-07	0.251	0.265	2.01E-25	0.190		<i>WISP2</i>	TSS1500
cg07660236	6	28,367,883	6.62E-06	0.251	0.221				<i>ZSCAN12</i>	TSS1500
cg08855395	1	231,296,818	0.00163	0.251	0.259					
cg21028946	20	34,680,004	5.14E-10	0.251	0.188					
cg13106484	7	157,692,127	7.21E-11	0.251	0.254				<i>PTPRN2</i>	Body
cg00201414	13	52,769,768	0.000271	0.251	0.295				<i>THSD1P</i>	TSS1500
cg04304802	10	73,499,965	8.54E-05	0.251	0.233				<i>CDH23</i>	Body
cg26988215	2	31,361,757	0.038388	0.251	0.137				<i>GALNT14</i>	TSS200
cg15531433	10	1,639,090	1.61E-33	0.251	0.233				<i>ADARB2</i>	Body
cg26839871	1	171,811,299	0.00791	0.251	0.150				<i>DNM3</i>	Body
cg09626521	3	113,933,104	0.030639	0.251	0.133					
cg16678099	17	40,250,199	0.003902	0.251	0.270					
cg26991025	15	99,091,228	1.08E-05	0.251	0.230					
cg18946473	2	97,152,025	0.001116	0.251	0.236					
cg04213841	13	49,792,685	0.00188	0.251	0.215					
cg01024668	15	69,099,680	9.91E-15	0.251	0.246				<i>C15orf28</i>	TSS1500
cg11147278	10	34,062,234	0.002177	0.251	0.243					
cg18152523	11	93,063,302	0.009154	0.251	0.152				<i>CCDC67</i>	TSS1500
cg17215278	1	117,114,263	4.15E-10	0.250	0.224				<i>CD58</i>	TSS1500
cg01142676	11	117,695,591	0.003541	0.250	0.267				<i>FXYD2</i>	Body
cg17918558	1	46,945,595	3.82E-11	0.250	0.248					
cg04807106	3	124,103,560	1.54E-08	0.250	0.218				<i>KALRN</i>	Body
cg11362604	15	37,389,585	1.87E-05	0.250	0.292				<i>MEIS2</i>	Body
cg21292068	7	127,907,884	7.6E-19	0.250	0.248					
cg09010707	12	26,392,567	2.62E-07	0.250	0.261					
cg15878670	12	49,485,085	8.37E-05	0.250	0.220				<i>DHH</i>	Body
cg19885037	3	4,762,242	0.000928	0.250	0.095				<i>ITPR1</i>	Body
cg06523744	22	39,410,145	4.96E-05	0.250	0.236				<i>APOBEC3C</i>	TSS200
cg06026136	6	27,173,753	0.010148	0.250	0.261					

cg05867448	X	130,192,575	0.044381	0.250	0.189				<i>FLJ30058</i>	5'UTR
cg07919443	10	102,419,409	0.000754	0.250	0.264					
cg13033814	6	31,830,035	0.017879	0.250	0.191				<i>NEU1</i>	Body
cg13466694	9	129,380,728	9.38E-09	0.250	0.248				<i>LMX1B</i>	Body
cg03963219	2	84,709,147	5.11E-12	0.250	0.244					
cg04353483	4	26,493,496	1.86E-09	0.250	0.237	1.74E-11	0.171		<i>CCKAR</i>	TSS1500
cg24770624	2	20,068,871	0.01826	0.250	0.106					
cg01911077	11	64,531,743	6.17E-12	0.250	0.247					
cg13762082	5	31,640,096	1.59E-05	0.250	0.236					
cg14016177	9	131,965,610	0.000643	0.250	0.166					
cg24752267	20	20,352,002	0.000266	0.250	0.189					
cg04111071	7	19,813,299	0.003839	0.250	0.250				<i>TMEM196</i>	TSS1500
cg05200628	1	160,681,760	0.004955	0.250	0.264				<i>CD48</i>	TSS200
cg00096104	13	100,547,897	0.001189	0.250	0.231				<i>CLYBL</i>	3'UTR
cg08813925	10	31,996,740	0.019172	0.250	0.271					
cg02798394	2	19,974,694	5.43E-13	0.250	0.222					
cg03655683	2	63,281,383	4.91E-05	0.250	0.228				<i>OTX1</i>	Body
cg00954841	12	3,373,534	2.94E-08	0.250	0.211				<i>TSPAN9</i>	Body
cg06397161	22	39,760,059	1.34E-16	0.250	0.243			Yes	<i>SYNGR1</i>	Body
cg17406383	17	71,948,506	6.6E-14	0.250	0.222					
cg20395789	11	107,570,881	2.91E-14	0.250	0.252					
cg07484739	2	177,356,020	4.53E-08	0.250	0.210					
cg07581883	3	125,676,865	0.00029	0.250	0.194					
cg20971970	12	57,632,495	1.64E-07	0.250	0.253				<i>NDUFA4L2</i>	5'UTR
cg03171003	2	111,875,934	9.25E-06	0.250	0.262					
cg13808012	1	244,094,935	9.84E-15	0.250	0.224					
cg24160421	8	48,675,771	0.00022	0.250	0.186					
cg07450037	7	27,135,147	2.06E-07	0.250	0.239				<i>HOXA1</i>	Body
cg26019295	12	54,409,212	0.039463	0.250	0.256				<i>HOXC4</i>	TSS1500
cg24581462	8	38,759,627	0.000646	0.250	0.192				<i>PLEKHA2</i>	5'UTR
cg08194879	6	123,317,569	0.010602	0.250	0.234				<i>CLVS2</i>	TSS200
cg24467349	1	110,254,835	8.66E-06	0.250	0.256				<i>GSTM5</i>	TSS200
cg01961105	16	54,968,783	0.007915	0.250	0.317					
cg03689092	2	128,439,345	7.59E-16	0.250	0.263				<i>LIMS2</i>	1stExon



cg00222341	15	83,951,913	0.000256	0.250	0.240				<i>BNC1</i>	Body
cg25365014	5	2,727,713	1.33E-05	0.250	0.266					
cg17353698	6	31,831,599	0.001514	0.250	0.202				<i>NEU1</i>	TSS1500
cg05438378	15	67,383,736	1.64E-05	0.250	0.233				<i>SMAD3</i>	Body
cg01748627	11	67,272,202	0.001245	0.250	0.144				<i>PITPNM1</i>	5'UTR
cg04780086	2	111,875,790	0.000102	0.250	0.256				<i>ACOXL</i>	3'UTR
cg27560796	6	33,864,689	4.28E-11	0.250	0.195					
cg05208605	11	116,451,437	1.85E-05	0.250	0.237					
cg15056105	18	13,611,489	0.000299	0.250	0.206				<i>C18orf1</i>	TSS200
cg21611682	11	68,138,269	1.22E-05	0.250	0.219				<i>LRP5</i>	Body
cg02976588	1	150,135,546	0.006955	0.250	0.311					
cg14062261	7	156,736,159	0.000247	0.250	0.292					
cg21699894	20	42,545,443	1.93E-07	0.250	0.228				<i>TOX2</i>	5'UTR
cg23237314	6	29,894,197	1.75E-06	0.250	0.240				<i>HCG4P6</i>	TSS1500
cg20556402	6	41,616,858	1.35E-10	0.250	0.248				<i>MDFI</i>	Body
cg07546293	16	851,255	0.000125	0.250	0.236		Yes		<i>GNG13</i>	TSS1500
cg20161791	7	2,558,431	1.57E-07	0.250	0.257				<i>LFNG</i>	Body
cg01161204	11	115,530,932	3.43E-07	0.250	0.233					
cg06323896	16	85,410,525	7.25E-09	0.250	0.244					
cg00897875	17	43,392,165	0.000157	0.250	0.200				<i>MAP3K14</i>	5'UTR
cg02055540	5	165,510,804	6.82E-11	0.250	0.210					
cg22354646	3	58,550,723	0.001731	0.250	0.266				<i>FAM107A</i>	3'UTR
cg04500239	1	118,502,178	2.39E-06	0.250	0.233				<i>WDR3</i>	3'UTR
cg07063883	16	3,079,953	8.52E-43	0.250	0.246				<i>CCDC64B</i>	Body
cg13523576	8	21,909,636	2.36E-15	0.250	0.248				<i>EPB49</i>	TSS1500
cg26508444	10	126,330,845	7.21E-12	0.250	0.226				<i>FAM53B</i>	Body
cg27302263	15	66,915,218	1.38E-06	0.250	0.311					
cg02730492	13	110,874,299	5.6E-05	0.250	0.248				<i>COL4A1</i>	Body
cg05123976	17	45,949,677	7.27E-08	0.250	0.233					
cg06081199	7	117,120,064	4.63E-06	0.250	0.227				<i>CFTR</i>	1stExon
cg13643594	X	107,681,825	5.76E-10	0.250	0.230				<i>COL4A5</i>	TSS1500
cg22828581	9	93,880,502	0.000969	0.250	0.199					
cg26927190	17	76,875,678	1.76E-07	0.250	0.252				<i>TIMP2</i>	Body
cg09123188	15	100,913,934	8.25E-05	0.250	0.188					

cg00093643	15	44,579,510	7.84E-16	0.250	0.257				<i>CASC4</i>	TSS1500
cg15474402	4	188,953,969	1.22E-06	0.250	0.265					
cg16704246	10	112,594,670	1.13E-15	0.250	0.234				<i>RBM20</i>	Body
cg21415530	8	140,715,802	3.62E-05	0.250	0.278				<i>KCNK9</i>	TSS1500
cg01219426	11	95,856,658	9.41E-09	0.250	0.206				<i>MAML2</i>	Body
cg09069072	1	15,482,753	1.58E-09	0.250	0.264				<i>TMEM51</i>	5'UTR
cg23424407	12	115,131,846	1.87E-11	0.250	0.252					
cg01683794	14	97,059,349	0.00143	0.250	0.204					
cg23118086	15	65,360,058	0.001766	0.250	0.259				<i>RASL12</i>	Body
cg23900203	12	127,765,331	0.020208	0.250	0.216					
cg01078408	6	3,232,129	0.004586	0.250	0.167					
cg08936706	3	46,906,385	1.15E-07	0.250	0.260				<i>MYL3</i>	TSS1500
cg09511190	17	33,416,862	5.81E-07	0.250	0.199				<i>RFFL</i>	TSS1500
cg13725826	14	100,211,213	9.2E-06	0.250	0.263					
cg23730575	6	27,799,385	0.001636	0.250	0.209				<i>HIST1H4K</i>	TSS200
cg08095452	17	55,958,800	2.9E-18	0.250	0.235				<i>CUEDC1</i>	Body
cg16232183	13	96,204,854	0.020725	0.250	0.248				<i>CLDN10</i>	TSS200
cg20039443	20	50,108,912	1.26E-08	0.250	0.250				<i>NFATC2</i>	Body
cg25799059	3	45,134,300	1.34E-05	0.250	0.224				<i>CDCP1</i>	Body
cg26081841	5	87,441,969	0.000992	0.250	0.301					
cg26906629	11	68,564,367	5.11E-09	0.250	0.256				<i>CPT1A</i>	Body
cg10770742	7	151,107,285	0.040298	0.250	0.351				<i>WDR86</i>	TSS200
cg09942999	1	32,707,389	8.45E-05	0.250	0.179				<i>MTMR9L</i>	TSS200
cg24683222	4	41,880,440	2.74E-10	0.250	0.249					
cg16293656	8	21,900,438	9.26E-05	0.250	0.195	5.15E-15	0.140		<i>FGF17</i>	5'UTR
cg08781365	16	85,320,072	4.35E-08	0.250	0.245					
cg18717967	8	8,182,747	1.66E-24	0.250	0.241				<i>PRAGMIN</i>	Body
cg09161043	1	53,068,834	1.6E-13	0.250	0.240				<i>GPX7</i>	Body
cg09715285	2	220,108,267	0.004657	0.250	0.165				<i>GLB1L</i>	Body
cg12717533	2	26,397,154	1.39E-07	0.250	0.220				<i>FAM59B</i>	Body
cg07937271	4	13,542,719	0.001872	0.250	0.255				<i>NKX3-2</i>	3'UTR
cg10350722	12	3,490,214	1.88E-09	0.250	0.255					
cg03100639	16	31,483,137	6.23E-10	0.250	0.210				<i>TGFB11I</i>	TSS1500
cg10281996	11	69,290,977	9.56E-21	0.250	0.236					

cg24702341	7	73,895,278	1.25E-08	0.250	0.235				<i>GTF2IRD1</i>	5'UTR
cg11520719	6	157,391,679	5.76E-21	0.250	0.236				<i>ARID1B</i>	Body
cg17427491	7	190,423	1.21E-13	0.250	0.219					
cg26366091	1	111,770,274	9.69E-05	0.250	0.244	5.31E-10	0.162		<i>CHI3L2</i>	TSS200
cg15058210	2	240,196,877	2.37E-06	0.250	0.218				<i>HDAC4</i>	Body
cg23870587	14	91,060,122	2.9E-09	0.250	0.236				<i>TTC7B</i>	Body
cg12052765	10	50,816,963	0.038321	0.250	0.310	2.7E-22	0.190		<i>SLC18A3</i>	TSS1500
cg20624391	6	105,584,149	0.033983	0.250	0.127	1.33E-11	0.181		<i>BVES</i>	5'UTR
cg02300379	10	95,536,738	5.73E-05	0.250	0.246				<i>LGI1</i>	Body
cg08350549	3	99,591,722	1.01E-09	0.250	0.189				<i>C3orf26</i>	Body
cg17154395	17	37,752,605	0.008004	0.250	0.232					
cg26020069	6	52,382,441	1.18E-06	0.250	0.297				<i>TRAM2</i>	Body
cg05241461	19	22,816,980	0.017881	0.250	0.247				<i>ZNF492</i>	TSS200
cg15677364	6	30,687,221	5.25E-08	0.250	0.229				<i>TUBB</i>	TSS1500
cg20068058	11	46,317,859	3.69E-09	0.250	0.243				<i>CREB3L1</i>	Body
cg15914863	7	1,022,675	6.48E-19	0.250	0.234	4.28E-21	0.173		<i>CYP2W1</i>	TSS200
cg19428417	16	66,959,729	1.93E-08	0.250	0.234	2.88E-21	0.161		<i>RRAD</i>	TSS1500
cg08048268	3	133,502,702	0.003876	0.250	0.271					
cg00890208	9	37,025,102	1.63E-07	0.250	0.211				<i>PAX5</i>	Body
cg06564232	6	50,810,993	0.001699	0.250	0.305				<i>TFAP2B</i>	Body
cg19423543	5	172,655,948	0.000541	0.250	0.256					
cg20386487	15	96,898,045	0.00123	0.250	0.263					
cg21433125	7	18,535,786	0.003436	0.250	0.206				<i>HDAC9</i>	TSS200
cg02058267	14	76,605,088	0.009339	0.250	0.223					
cg07739369	17	80,241,456	3.61E-10	0.250	0.227					
cg14558529	6	27,648,341	0.00173	0.250	0.294					
cg17297305	1	185,287,148	1.31E-06	0.250	0.211				<i>IVNS1ABP</i>	TSS1500
cg02839593	16	66,934,539	2.35E-20	0.250	0.231					
cg15885337	11	132,813,819	0.035742	0.250	0.326				<i>OPCML</i>	TSS1500
cg03351003	16	75,272,306	4.33E-16	0.250	0.235				<i>BCAR1</i>	Body
cg26378982	2	11,053,937	1.53E-62	0.250	0.241				<i>KCNF1</i>	1stExon
cg12338417	3	32,860,178	0.006888	0.250	0.196				<i>TRIM71</i>	1stExon
cg08891071	5	150,399,909	0.00014	0.250	0.141				<i>GPX3</i>	TSS200
cg24860534	1	227,506,868	0.01116	0.250	0.121	2.75E-16	0.160		<i>CDC42BPA</i>	TSS1500

cg16450577	17	80,806,375	2.88E-07	0.250	0.279			Yes	<i>TBCD</i>	Body
cg07447868	X	17,395,220	0.006183	0.250	0.156				<i>NHS</i>	Body
cg06128608	9	136,834,256	2.79E-17	0.250	0.226				<i>VAV2</i>	Body
cg14657834	8	67,875,441	0.000514	0.250	0.247					
cg15983026	7	155,325,552	3.18E-08	0.249	0.237				<i>CNPY1</i>	5'UTR
cg02213260	14	23,834,995	4.24E-36	0.249	0.226				<i>EFS</i>	TSS200
cg25666919	7	102,074,615	0.001578	0.249	0.128				<i>ORAI2</i>	5'UTR
cg23467008	6	152,128,537	0.018011	0.249	0.154				<i>ESR1</i>	TSS1500
cg05913906	6	30,923,370	0.013311	0.249	0.325					
cg00050375	6	43,404,828	6.22E-08	0.249	0.245				<i>ABCC10</i>	Body
cg03115558	10	72,200,789	9.42E-05	0.249	0.261				<i>NODAL</i>	Body
cg17200137	10	48,416,896	3.29E-19	0.249	0.249				<i>GDF2</i>	TSS200
cg21857598	5	66,492,721	1.13E-05	0.249	0.252				<i>CD180</i>	TSS200
cg21890239	X	136,509,643	0.047397	0.249	0.274					
cg14003627	9	123,204,555	3.27E-33	0.249	0.248				<i>CDK5RAP2</i>	Body
cg18103859	14	61,110,002	6.69E-06	0.249	0.263					
cg04685442	8	49,776,492	8.9E-13	0.249	0.259					
cg00473633	17	75,260,903	0.00019	0.249	0.285					
cg06604589	17	800,512	1.41E-06	0.249	0.221				<i>NXN</i>	Body
cg13850606	1	229,543,554	0.025966	0.249	0.330					
cg06022664	15	69,136,313	0.029629	0.249	0.257				<i>MIR548H4</i>	Body
cg19709468	20	21,082,942	0.015879	0.249	0.302					
cg00044097	2	106,055,153	1.36E-09	0.249	0.247				<i>FHL2</i>	1stExon
cg20355301	9	97,848,107	1.68E-05	0.249	0.223				<i>C9orf3</i>	3'UTR
cg17221315	6	27,791,827	0.01442	0.249	0.187				<i>HIST1H4J</i>	TSS200
cg01644731	12	58,236,712	1.23E-29	0.249	0.252				<i>CTDSP2</i>	Body
cg09543255	3	170,302,640	0.013445	0.249	0.337				<i>SLC7A14</i>	5'UTR
cg07017214	6	30,433,749	0.001175	0.249	0.229					
cg01521220	17	46,233,799	1.88E-09	0.249	0.224				<i>MIR1203</i>	Body
cg08271229	1	2,222,674	1.25E-06	0.249	0.248				<i>SKI</i>	Body
cg07727170	15	70,458,214	3.01E-18	0.249	0.250					
cg08235161	14	57,262,049	2.17E-06	0.249	0.243					
cg11425788	1	60,136,100	2.43E-08	0.249	0.261				<i>FGGY</i>	Body
cg151105476	6	1,335,849	0.000908	0.249	0.161			Yes		

cg18977727	22	37,952,950	1.53E-07	0.249	0.279					
cg20491914	2	26,915,349	0.001776	0.249	0.166				<i>KCNK3</i>	TSS1500
cg07023704	2	172,965,890	1.32E-06	0.249	0.254				<i>DLX2</i>	Body
cg03297783	3	50,378,664	0.000309	0.249	0.257				<i>RASSF1</i>	TSS1500
cg16342439	3	126,006,835	0.012669	0.249	0.148					
cg11412288	6	117,802,725	1.38E-05	0.249	0.259				<i>DCBLD1</i>	TSS1500
cg13241681	13	114,187,990	2.81E-05	0.249	0.261				<i>TMCO3</i>	Body
cg20321153	1	63,795,435	2.54E-06	0.249	0.269					
cg00980058	1	233,248,709	1.12E-09	0.249	0.252				<i>PCNXL2</i>	Body
cg19049194	2	175,193,754	0.000286	0.249	0.220					
cg12287358	6	29,796,032	0.010479	0.249	0.289				<i>HLA-G</i>	Body
cg20670679	7	157,561,786	1.53E-08	0.249	0.249				<i>PTPRN2</i>	Body
cg23040305	1	183,846,243	2.34E-10	0.249	0.270				<i>RGL1</i>	Body
cg22129545	2	27,531,320	1.78E-18	0.249	0.261				<i>UCN</i>	TSS200
cg10985145	5	135,227,049	4.64E-20	0.249	0.236					
cg20731469	6	108,495,678	3.27E-05	0.249	0.252				<i>NR2E1</i>	Body
cg00025496	17	1,057,343	0.020372	0.249	0.296				<i>ABR</i>	Body
cg20245822	12	104,734,362	1.89E-15	0.249	0.237				<i>TXNRD1</i>	Body
cg00040455	X	30,326,676	0.016416	0.249	0.375				<i>NROB1</i>	1stExon
cg07414961	17	70,587,753	0.004596	0.249	0.055					
cg11428724	1	18,957,632	0.047915	0.249	0.181	3.01E-14	0.173		<i>PAX7</i>	5'UTR
cg13932501	9	94,060,853	0.000329	0.249	0.262				<i>AUH</i>	Body
cg20132775	3	142,444,202	8.97E-06	0.249	0.241				<i>TRPC1</i>	Body
cg23871507	6	44,528,765	7.83E-20	0.249	0.226					
cg26984805	10	71,176,501	7.58E-13	0.249	0.239	9.44E-22	0.177		<i>TACR2</i>	1stExon
cg04571189	2	10,638,072	0.00045	0.249	0.214					
cg21604450	1	66,998,563	4.58E-05	0.249	0.193				<i>SGIP1</i>	TSS1500
cg24844534	17	77,020,267	0.004739	0.249	0.215	9.53E-24	0.195		<i>C1QTNF1</i>	1stExon
cg16751451	7	55,086,091	1.47E-11	0.249	0.208				<i>EGFR</i>	TSS1500
cg18803306	20	623,421	7.76E-05	0.249	0.169					
cg00394180	8	97,167,170	0.000254	0.249	0.244				<i>GDF6</i>	Body
cg22727783	5	14,441,074	0.000236	0.249	0.220				<i>TRIO</i>	Body
cg26507725	11	69,987,633	7.8E-15	0.249	0.269				<i>ANO1</i>	Body
cg14752336	10	106,400,454	0.002552	0.249	0.173				<i>SORCS3</i>	TSS1500

cg02149446	19	47,812,519	1.57E-09	0.249	0.263	8.79E-21	0.214		<i>C5AR1</i>	TSS1500
cg09820180	6	140,168,822	4.22E-05	0.249	0.262					
cg03619352	5	179,219,098	1.07E-05	0.249	0.271					
cg05729200	2	102,091,321	1.53E-10	0.249	0.226				<i>RFX8</i>	TSS200
cg27638615	2	202,901,352	4.25E-08	0.249	0.228				<i>FZD7</i>	1stExon
cg03740167	10	23,463,746	0.000396	0.249	0.275					
cg12007166	6	30,228,058	0.000282	0.249	0.214				<i>HLA-L</i>	Body
cg14231297	19	58,629,901	0.014008	0.249	0.284				<i>ZSCAN18</i>	TSS200
cg19416570	19	58,715,677	2.57E-13	0.249	0.248				<i>ZNF274</i>	Body
cg10002915	4	149,369,175	5E-10	0.249	0.229					
cg16440442	5	149,980,671	1.76E-05	0.249	0.251				<i>SYNPO</i>	1stExon
cg15249639	12	4,382,174	0.023799	0.249	0.236				<i>CCND2</i>	TSS1500
cg04377609	3	9,358,914	0.000123	0.249	0.184					
cg14467181	17	47,516,312	0.000754	0.249	0.289					
cg17649293	2	71,134,791	0.002287	0.249	0.182				<i>VAX2</i>	Body
cg00310215	16	51,185,346	0.002118	0.249	0.177				<i>SALL1</i>	TSS1500
cg11201751	16	85,158,047	8.47E-15	0.249	0.265					
cg26342637	20	43,743,872	5.18E-11	0.249	0.253				<i>WFDC5</i>	TSS200
cg04314624	6	28,458,328	0.03373	0.249	0.231					
cg13561855	14	52,735,840	5.5E-06	0.249	0.271				<i>PTGDR</i>	Body
cg09615353	4	187,026,710	0.029015	0.249	0.192					
cg24590788	13	95,655,324	0.028331	0.249	0.132					
cg01093878	2	131,512,663	0.005128	0.249	0.281				<i>FAM123C</i>	TSS1500
cg07068674	14	37,123,778	1.08E-05	0.249	0.253					
cg22736718	5	691,229	0.000614	0.249	0.278				<i>TPPP</i>	5'UTR
cg13066963	1	6,485,317	2.89E-05	0.249	0.256	2.58E-18	0.168		<i>ESPN</i>	Body
cg05372242	14	36,983,542	0.014736	0.249	0.307				<i>SFTA3</i>	TSS1500
cg11095319	11	19,263,864	0.004986	0.249	0.254				<i>E2F8</i>	TSS1500
cg17743381	1	39,024,825	2.65E-18	0.249	0.235					
cg26541218	7	47,826,387	5.02E-06	0.249	0.229				<i>PKD1L1</i>	Body
cg14471064	9	139,236,663	1.21E-15	0.249	0.247				<i>GPSM1</i>	Body
cg17553353	3	111,718,565	6.31E-09	0.249	0.230				<i>TAGLN3</i>	Body
cg24375399	17	40,825,798	3.38E-27	0.249	0.242				<i>PLEKHH3</i>	Body
cg00632374	X	46,432,929	0.017241	0.249	0.159				<i>CHST7</i>	TSS1500

cg15246085	3	49,460,111	5.3E-14	0.249	0.265					AMT	TSS200
cg27041049	14	31,345,003	1.17E-14	0.249	0.229					COCH	Body
cg14420519	9	139,515,751	1.46E-05	0.249	0.215						
cg16547027	18	24,127,588	3.56E-09	0.249	0.206					KCTD1	5'UTR
cg19130973	3	12,979,917	1.03E-14	0.249	0.242					IQSEC1	Body
cg06578342	16	4,349,215	0.006616	0.249	0.271						
cg16602747	10	119,313,075	8.46E-05	0.249	0.216						
cg17068623	8	144,853,065	4.53E-05	0.249	0.225						
cg21234471	9	92,023,797	5.82E-11	0.249	0.233					SEMA4D	5'UTR
cg27240158	11	12,698,019	7.05E-09	0.249	0.257					TEAD1	5'UTR
cg13530938	2	239,140,190	0.000129	0.249	0.232					LOC151174	Body
cg06653026	7	84,892,267	9.1E-11	0.249	0.243						
cg23177095	17	30,873,196	2.73E-07	0.249	0.256					MYO1D	Body
cg06014588	15	88,801,339	1.22E-05	0.249	0.246						
cg08390209	9	22,005,563	4.06E-12	0.249	0.209	3.77E-23	0.170			CDKN2BAS	Body
cg08745965	5	135,416,529	6.96E-05	0.249	0.222					MIR886	TSS1500
cg10305789	20	37,434,167	0.000699	0.249	0.166					PPP1R16B	TSS200
cg12746557	21	39,644,332	1.02E-10	0.249	0.227					KCNJ15	5'UTR
cg11055991	7	158,280,410	9.71E-05	0.249	0.243					PTPRN2	Body
cg05828005	6	28,504,908	1.3E-07	0.249	0.245						
cg18512948	14	24,641,706	1.49E-12	0.249	0.229					REC8	1stExon
cg01804679	1	32,707,303	0.000493	0.249	0.170					MTMR9L	Body
cg20935165	2	172,972,840	6.63E-05	0.249	0.238						
cg12786198	14	55,741,714	4.96E-10	0.249	0.266					FBXO34	5'UTR
cg27426707	17	48,639,585	5.13E-05	0.249	0.263	2.62E-34	0.209			CACNA1G	Body
cg05689208	8	49,496,391	3.48E-19	0.249	0.272						
cg12302402	11	18,230,629	0.000478	0.249	0.290					LOC494141	TSS200
cg09279544	19	8,674,388	0.001342	0.249	0.302					ADAMTS10	5'UTR
cg11170179	19	51,522,767	3.44E-14	0.249	0.220	8.23E-22	0.150			KLK10	5'UTR
cg07937427	15	59,592,763	0.031456	0.249	0.225					MYO1E	Body
cg02782426	3	40,428,986	0.02341	0.249	0.189					ENTPD3	5'UTR
cg14904923	8	122,651,570	0.001247	0.249	0.237					HAS2	5'UTR
cg16979070	6	150,463,417	0.000129	0.249	0.157					PPP1R14C	TSS1500
cg27621745	8	82,671,510	0.00012	0.249	0.237					CHMP4C	3'UTR

cg17542408	11	78,673,100	0.006543	0.249	0.199				<i>ODZ4</i>	Body
cg17840719	5	178,368,253	0.033747	0.249	0.187				<i>ZNF454</i>	1stExon
cg18093572	5	122,598,329	1.7E-12	0.249	0.234					
cg24835051	1	15,480,853	1.01E-06	0.249	0.229				<i>TMEM51</i>	5'UTR
cg15154229	7	130,020,011	4.32E-13	0.249	0.242	2.04E-22	0.180		<i>CPA1</i>	TSS1500
cg21650866	8	142,297,256	6.02E-05	0.249	0.278					
cg07196992	4	78,098,654	4.24E-14	0.249	0.251					
cg10395252	14	76,236,901	8.7E-26	0.249	0.250				<i>TLL5</i>	Body
cg17429000	5	76,936,636	0.007715	0.249	0.303					
cg24127861	14	24,640,947	1.44E-07	0.249	0.260				<i>REC8</i>	TSS1500
cg14665413	4	38,859,728	0.000311	0.249	0.308				<i>TLR6</i>	TSS1500
cg24745495	19	15,344,239	1.44E-08	0.249	0.235				<i>EPHX3</i>	TSS1500
cg09530810	17	46,831,490	8.51E-07	0.249	0.240					
cg09560979	8	38,615,235	0.000423	0.249	0.156				<i>TACC1</i>	5'UTR
cg02358362	5	172,096,266	1.18E-15	0.249	0.225				<i>NEURL1B</i>	Body
cg02609692	9	129,389,125	1.28E-06	0.249	0.215				<i>LMX1B</i>	Body
cg21046148	5	72,731,905	0.00532	0.249	0.227					
cg24851651	11	66,362,959	9.67E-09	0.249	0.221				<i>CCS</i>	Body
cg01174140	5	180,018,735	4.98E-51	0.249	0.251				<i>SCGB3A1</i>	TSS1500
cg07384708	19	372,718	8.13E-12	0.249	0.226				<i>THEG</i>	Body
cg12505170	5	72,595,685	0.006927	0.249	0.239					
cg17669581	4	54,968,251	0.000349	0.249	0.259					
cg07120346	6	58,141,890	0.007514	0.249	0.187					
cg16420756	6	5,026,219	0.02045	0.249	0.293					
cg23136799	6	167,763,819	0.023411	0.249	0.156					
cg12544951	20	21,695,343	0.04136	0.249	0.339				<i>PAX1</i>	Body
cg06581718	19	7,541,760	6.78E-20	0.248	0.241				<i>PEX11G</i>	3'UTR
cg10000952	11	116,451,628	0.005669	0.248	0.190					
cg14508572	11	119,778,410	0.000148	0.248	0.202					
cg05481257	2	20,870,211	1.08E-06	0.248	0.218				<i>GDF7</i>	Body
cg02154252	1	79,472,532	9.95E-11	0.248	0.226				<i>ELTD1</i>	TSS200
cg11044575	6	105,401,636	0.040822	0.248	0.266					
cg21593409	16	88,706,389	0.002156	0.248	0.191				<i>IL17C</i>	Body
cg20548888	14	36,974,929	0.003544	0.248	0.303				<i>SFTA3</i>	Body



cg00830419	2	20,371,971	2.41E-16	0.248	0.227					
cg06609094	4	175,132,842	0.00846	0.248	0.252					
cg27635267	11	35,547,519	2.64E-05	0.248	0.201				<i>PAMR1</i>	TSS1500
cg05513806	3	181,438,216	4.91E-06	0.248	0.248				<i>SOX2OT</i>	Body
cg12687617	15	89,948,930	1.04E-07	0.248	0.257					
cg16107628	1	159,894,061	3.53E-05	0.248	0.231				<i>TAGLN2</i>	5'UTR
cg26296337	17	72,931,792	2.83E-07	0.248	0.198				<i>OTOP3</i>	TSS200
cg08053103	19	5,799,467	1.03E-05	0.248	0.289					
cg14793406	12	115,135,906	1.58E-06	0.248	0.225					
cg01148127	17	1,478,604	5.28E-11	0.248	0.236				<i>SLC43A2</i>	3'UTR
cg13762244	11	64,951,960	2.07E-08	0.248	0.288				<i>CAPN1</i>	Body
cg22784386	6	100,903,817	0.000455	0.248	0.257				<i>SIM1</i>	Body
cg26365668	4	84,375,973	7.78E-07	0.248	0.194	0.00058912	0.065		<i>MRPS18C</i>	TSS1500
cg14504269	3	138,658,941	0.002359	0.248	0.287					
cg00494665	12	65,218,728	0.000216	0.248	0.128					
cg02048377	17	37,219,764	0.000462	0.248	0.191				<i>PLXDC1</i>	3'UTR
cg07147475	4	141,419,555	3.99E-07	0.248	0.200					
cg10778736	15	45,406,362	2.89E-05	0.248	0.247				<i>DUOX2</i>	TSS200
cg12251804	10	135,171,083	2.75E-05	0.248	0.251	1.88E-23	0.247		<i>C10orf125</i>	Body
cg16068263	13	36,729,231	2.78E-05	0.248	0.232					
cg02925229	3	139,258,948	1.32E-08	0.248	0.254				<i>RBP1</i>	TSS1500
cg12213062	2	220,299,653	8.48E-07	0.248	0.246				<i>SPEG</i>	TSS200
cg15583014	1	65,468,659	0.004262	0.248	0.150					
cg02828785	12	12,846,546	9.13E-16	0.248	0.255				<i>GPR19</i>	5'UTR
cg02853553	7	44,258,054	2.89E-20	0.248	0.245				<i>CAMK2B</i>	3'UTR
cg13897833	13	74,562,744	5E-18	0.248	0.210				<i>KLF12</i>	Body
cg21949305	22	24,828,655	1.53E-12	0.248	0.240	2.56E-27	0.252		<i>C22orf45</i>	Body
cg23267558	13	70,682,604	0.000635	0.248	0.259				<i>KLHL1</i>	1stExon
cg17760391	5	66,124,501	0.001006	0.248	0.111				<i>MAST4</i>	TSS200
cg10785622	4	85,403,409	0.006396	0.248	0.255					
cg14664759	1	196,577,723	0.006141	0.248	0.334				<i>KCNT2</i>	TSS1500
cg24940370	5	1,835,328	1.78E-06	0.248	0.240					
cg02775927	10	79,470,820	2.04E-06	0.248	0.170					
cg02926266	2	205,847,300	6.03E-11	0.248	0.233				<i>PARD3B</i>	Body

cg12796306	8	67,406,954	0.001507	0.248	0.253				<i>C8orf46</i>	Body
cg05815196	22	31,536,540	3.43E-05	0.248	0.250				<i>PLA2G3</i>	TSS200
cg02167021	3	121,379,791	8.48E-07	0.248	0.220				<i>HCLS1</i>	TSS200
cg08690412	3	9,240,454	0.000551	0.248	0.187				<i>SRGAP3</i>	Body
cg12646804	5	2,008,188	0.020395	0.248	0.125					
cg21154793	19	54,495,222	0.030195	0.248	0.239				<i>CACNG6</i>	TSS1500
cg24641302	1	165,087,025	0.00068	0.248	0.233					
cg11885098	19	1,285,397	1.86E-09	0.248	0.235	2.13E-19	0.088		<i>EFNA2</i>	TSS1500
cg15382538	5	72,678,193	2.58E-05	0.248	0.306					
cg23317501	5	35,991,215	7.11E-05	0.248	0.233	6.37E-12	0.155		<i>UGT3A1</i>	Body
cg23414595	22	30,129,607	7.64E-12	0.248	0.219				<i>ZMAT5</i>	Body
cg24689895	17	27,346,926	0.044769	0.248	0.045					
cg25712005	7	73,443,113	0.002156	0.248	0.359				<i>ELN</i>	Body
cg02705958	6	6,901,065	1.47E-10	0.248	0.215					
cg08548089	1	156,408,887	2.82E-08	0.248	0.248					
cg17869514	9	1,042,770	0.001052	0.248	0.291					
cg20454002	1	221,054,365	8.91E-10	0.248	0.250				<i>HLX</i>	Body
cg08015382	6	12,365,899	1.39E-06	0.248	0.236					
cg10237765	17	9,863,081	3.4E-05	0.248	0.269				<i>GAS7</i>	Body
cg26953453	12	54,346,784	0.001895	0.248	0.279					
cg01351300	4	114,873,079	1.69E-18	0.248	0.216				<i>ARSJ</i>	Body
cg10799055	6	27,725,188	0.03395	0.248	0.311					
cg09714458	13	113,807,560	0.028235	0.248	0.312					
cg09918657	16	14,397,207	0.004162	0.248	0.295				<i>MIR193B</i>	TSS1500
cg18181496	7	107,642,539	8.33E-06	0.248	0.236				<i>LAMB1</i>	Body
cg08957564	16	12,071,814	3.13E-19	0.248	0.251				<i>RUNDC2A</i>	Body
cg16786102	4	41,867,462	1.83E-08	0.248	0.233					
cg09317884	1	165,204,512	4.81E-05	0.248	0.246				<i>LMX1A</i>	Body
cg14382719	9	124,291,856	1.5E-10	0.248	0.227					
cg19631648	19	33,764,284	2.72E-14	0.248	0.241					
cg27559870	1	31,380,976	0.012173	0.248	0.193				<i>SDC3</i>	Body
cg19597382	4	147,559,423	0.023863	0.248	0.181				<i>POU4F2</i>	TSS1500
cg04555966	7	44,185,986	0.0002	0.248	0.275				<i>GCK</i>	Body
cg22621272	12	54,409,336	0.039855	0.248	0.235				<i>HOXC4</i>	TSS1500

cg24140801	8	30,588,816	1.21E-10	0.248	0.207					
cg08843283	1	32,826,969	3.88E-22	0.248	0.233				<i>LOC100128071</i>	3'UTR
cg04418091	12	54,071,168	0.011378	0.248	0.213				<i>ATP5G2</i>	TSS1500
cg16905100	3	72,149,974	0.032565	0.248	0.147					
cg04932340	14	95,239,381	0.009591	0.248	0.315					
cg03667086	2	130,763,427	1.6E-09	0.248	0.243					
cg06743610	19	35,630,305	5.32E-08	0.248	0.248				<i>FXVD1</i>	5'UTR
cg18284089	4	153,601,384	0.032034	0.248	0.236				<i>TMEM154</i>	TSS200
cg12479878	1	221,054,825	4.16E-10	0.248	0.232				<i>HLX</i>	Body
cg14252661	1	162,792,613	0.002409	0.248	0.292			Yes		
cg05222982	13	28,545,214	1.56E-07	0.248	0.233					
cg22512438	3	129,693,489	0.016312	0.248	0.320				<i>TRH</i>	5'UTR
cg08567279	13	53,313,529	0.030945	0.248	0.227				<i>LECT1</i>	Body
cg05314679	8	101,821,998	4.69E-05	0.248	0.219			Yes		
cg08994384	3	62,363,642	0.008403	0.248	0.267					
cg19860353	3	194,756,349	8.18E-15	0.248	0.208					
cg26472636	5	1,594,282	0.042894	0.248	0.024				<i>SDHAP3</i>	Body
cg01886663	17	78,846,179	8.45E-26	0.248	0.245				<i>RPTOR</i>	Body
cg12890346	3	14,567,529	2.82E-09	0.248	0.229				<i>GRIP2</i>	Body
cg24775496	14	85,998,576	0.000209	0.248	0.193				<i>FLRT2</i>	5'UTR
cg07539798	5	140,811,312	1.55E-07	0.248	0.234				<i>PCDHGA4</i>	Body
cg22531904	7	99,595,276	0.003343	0.248	0.230					
cg21684021	1	109,800,400	1.71E-07	0.248	0.264				<i>CELSR2</i>	Body
cg27016307	19	49,658,913	3.03E-09	0.248	0.232	3.67E-15	0.096		<i>HRC</i>	TSS1500
cg00581422	3	127,794,831	9.26E-08	0.248	0.249					
cg17883914	8	144,344,745	1.12E-14	0.248	0.239				<i>ZFP41</i>	3'UTR
cg23270523	18	4,450,489	0.025594	0.248	0.223					
cg00377320	17	47,988,100	2.08E-05	0.248	0.283					
cg04606020	12	56,139,467	0.002079	0.248	0.212				<i>GDF11</i>	Body
cg19462635	11	121,237,843	1.45E-09	0.248	0.244					
cg27093944	2	242,908,218	3.12E-06	0.248	0.232					
cg01455568	7	155,261,034	9.33E-06	0.248	0.190					
cg07235805	18	78,004,237	9.96E-07	0.248	0.179				<i>PARD6G</i>	Body
cg05151709	1	846,155	1.36E-10	0.248	0.262					

cg02002258	2	26,700,976	2.67E-08	0.248	0.246				<i>OTOF</i>	TSS200
cg13455434	8	30,243,930	1.39E-09	0.248	0.221				<i>RBPMS</i>	Body
cg13460168	1	16,501,540	1.25E-27	0.248	0.249					
cg16336556	2	33,295,138	6.25E-05	0.248	0.285				<i>LTBP1</i>	Body
cg17383842	3	50,553,718	4.56E-08	0.248	0.235					
cg11684647	12	40,618,356	0.004291	0.248	0.300				<i>LRRK2</i>	TSS1500
cg07455789	2	232,419,317	9.69E-10	0.248	0.237					
cg24376793	1	202,545,589	3.91E-07	0.248	0.257				<i>PPP1R12B</i>	3'UTR
cg02925601	6	27,648,605	0.001972	0.248	0.321					
cg14497054	12	34,261,116	8.47E-24	0.248	0.235					
cg03975690	7	87,848,292	0.049235	0.248	0.198				<i>SRI</i>	Body
cg07951347	6	27,463,250	0.010676	0.248	0.309					
cg03703839	16	87,990,084	0.000133	0.248	0.253				<i>BANP</i>	5'UTR
cg08291024	1	165,324,411	0.007466	0.248	0.332				<i>LMX1A</i>	Body
cg16046444	1	200,004,265	0.001108	0.248	0.295				<i>NR5A2</i>	Body
cg15572907	19	40,995,921	0.001869	0.248	0.245				<i>SPTBN4</i>	Body
cg17003260	17	8,907,561	3.44E-05	0.248	0.228					
cg20489847	8	144,095,483	1.58E-08	0.248	0.249				<i>LOC100133669</i>	Body
cg01451162	1	58,714,452	0.007854	0.248	0.214				<i>DAB1</i>	5'UTR
cg20743744	4	1,243,849	3.97E-06	0.248	0.217	3.27E-18	0.221		<i>C4orf42</i>	TSS1500
cg03053826	15	96,868,935	0.001341	0.248	0.217				<i>NR2F2</i>	TSS1500
cg07042914	11	27,015,656	0.017714	0.248	0.295				<i>FIBIN</i>	5'UTR
cg09368936	2	43,019,819	0.008166	0.248	0.157				<i>HAAO</i>	TSS200
cg23737737	12	6,665,370	5.99E-05	0.248	0.251				<i>IFFO1</i>	TSS200
cg03519157	11	46,367,033	1.48E-10	0.248	0.249				<i>DGKZ</i>	5'UTR
cg02371631	2	202,748,718	8.15E-11	0.248	0.234				<i>CDK15</i>	Body
cg04460847	7	127,841,335	1.11E-06	0.248	0.195					
cg08951638	5	141,706,213	8.42E-11	0.248	0.234					
cg27516568	4	122,686,667	0.001099	0.248	0.189				<i>TMEM155</i>	TSS1500
cg01305981	5	135,266,673	8.96E-08	0.248	0.235				<i>FBXL21</i>	5'UTR
cg09605636	2	200,334,584	4.81E-07	0.248	0.228				<i>FLJ32063</i>	Body
cg12967327	17	1,906,190	7.18E-06	0.248	0.210				<i>RTN4RL1</i>	Body
cg08475953	5	178,004,091	0.002708	0.248	0.255				<i>COL23A1</i>	Body
cg21115608	13	20,735,860	9.35E-08	0.248	0.244				<i>GJA3</i>	TSS1500

cg02671880	13	95,355,117	0.001385	0.248	0.262					
cg04288241	2	236,444,202	8.49E-05	0.248	0.226				<i>AGAP1</i>	Body
cg11328436	12	54,360,511	3.54E-11	0.248	0.224				<i>HOTAIR</i>	Body
cg16987754	7	155,242,911	0.003536	0.248	0.200					
cg01213447	15	96,871,576	3.91E-06	0.247	0.253				<i>NR2F2</i>	Body
cg10900455	20	42,545,099	4.6E-06	0.247	0.213				<i>TOX2</i>	5'UTR
cg10928294	17	41,739,326	0.000559	0.247	0.222				<i>MEOX1</i>	TSS1500
cg01146232	16	51,185,147	0.006234	0.247	0.211				<i>SALL1</i>	TSS1500
cg02269083	18	56,296,607	1.42E-07	0.247	0.264				<i>ALPK2</i>	TSS1500
cg19149463	3	11,651,759	1.06E-13	0.247	0.203				<i>VGLL4</i>	Body
cg21545390	7	96,627,190	0.035208	0.247	0.283				<i>DLX6AS</i>	Body
cg05255351	5	1,503,979	5.12E-14	0.247	0.232				<i>LPCAT1</i>	Body
cg18274480	5	145,713,863	1.67E-05	0.247	0.242					
cg12492345	16	54,971,007	0.013333	0.247	0.297					
cg04846243	17	47,074,883	0.005583	0.247	0.274				<i>IGF2BP1</i>	1stExon
cg07303450	16	30,023,400	8.33E-07	0.247	0.252				<i>DOC2A</i>	TSS1500
cg08559364	3	11,634,536	2.27E-16	0.247	0.245				<i>VGLL4</i>	Body
cg21815667	2	176,993,841	0.000408	0.247	0.247	3.48E-11	0.152		<i>HOXD8</i>	TSS1500
cg23085662	18	59,000,860	4.92E-08	0.247	0.208					
cg01933836	11	122,854,796	4.65E-05	0.247	0.238					
cg15128801	1	68,202,053	0.0002	0.247	0.246				<i>GNG12</i>	5'UTR
cg16022049	12	13,359,372	2.12E-06	0.247	0.248				<i>EMP1</i>	5'UTR
cg20965469	2	100,266,111	6.31E-08	0.247	0.243				<i>AFF3</i>	Body
cg08185345	1	155,055,102	0.000626	0.247	0.210				<i>EFNA3</i>	Body
cg21165812	20	54,931,343	9.41E-08	0.247	0.245					
cg14263858	19	4,328,745	7.72E-05	0.247	0.260				<i>STAP2</i>	Body
cg27290624	3	194,208,441	0.000277	0.247	0.240					
cg14398661	9	129,433,779	9.44E-07	0.247	0.247				<i>LMX1B</i>	Body
cg14569644	12	54,408,091	3E-05	0.247	0.223					
cg23346408	10	81,001,957	0.001909	0.247	0.179				<i>ZMIZ1</i>	Body
cg27069921	5	54,523,727	1.32E-06	0.247	0.238					
cg09234616	11	32,452,592	0.007517	0.247	0.257				<i>WT1</i>	Body
cg25219188	4	165,898,926	0.000149	0.247	0.238				<i>TRIM61</i>	TSS200
cg26922678	6	30,420,981	0.004587	0.247	0.239					

cg00298065	19	58,715,577	1.82E-11	0.247	0.240				ZNF274	Body
cg11226913	14	29,254,961	7.18E-07	0.247	0.240				C14orf23	Body
cg19851909	11	94,134,827	0.000201	0.247	0.153				GPR83	TSS1500
cg13896328	1	29,652,476	9.66E-18	0.247	0.241				PTPRU	3'UTR
cg01069311	X	47,373,245	2.29E-16	0.247	0.218					
cg01113811	11	95,927,950	1.81E-06	0.247	0.273				MAML2	Body
cg04037970	7	54,955,965	1.31E-29	0.247	0.220					
cg20030711	17	75,471,308	4.48E-16	0.247	0.234				SEPT9	Body
cg19216792	7	26,897,202	1.22E-10	0.247	0.219				SKAP2	Body
cg12423482	X	21,676,871	0.004071	0.247	0.225				KLHL34	TSS1500
cg12776287	18	24,125,939	0.000644	0.247	0.201				KCTD1	5'UTR
cg15460348	4	88,896,909	1.4E-05	0.247	0.229				SPP1	1stExon
cg15281774	15	73,661,908	0.022766	0.247	0.289				HCN4	TSS1500
cg18184411	1	53,309,261	0.000507	0.247	0.204				ZYG11A	Body
cg05959459	1	147,752,860	0.00281	0.247	0.268					
cg05081751	20	62,108,923	4.86E-05	0.247	0.278					
cg07452306	2	73,299,297	1.27E-11	0.247	0.175				SFXN5	TSS1500
cg14959729	6	166,580,693	1.81E-06	0.247	0.271				T	Body
cg11996428	9	135,466,211	0.00067	0.247	0.220					
cg12074182	2	176,948,596	3.96E-06	0.247	0.207				EVX2	5'UTR
cg13998850	14	24,540,773	7.07E-10	0.247	0.292				CPNE6	1stExon
cg05921207	X	110,038,886	7.61E-05	0.247	0.167	4.56E-32	0.166		CHRD1	5'UTR
cg26279070	2	130,971,343	0.000896	0.247	0.203					
cg05068452	4	115,521,241	7.75E-08	0.247	0.256				UGT8	5'UTR
cg18448746	17	27,039,132	5.28E-07	0.247	0.246				PROCA1	TSS1500
cg22740603	6	33,397,959	3E-18	0.247	0.239				SYNGAP1	Body
cg12743638	22	20,192,485	1.2E-14	0.247	0.246				LOC150197	TSS1500
cg24000859	7	71,023,890	0.002431	0.247	0.168				WBSCR17	Body
cg00828762	8	42,234,732	2.16E-06	0.247	0.256				DKK4	TSS200
cg00914222	1	29,585,898	0.000143	0.247	0.193				PTPRU	Body
cg16473141	14	24,641,501	5.3E-12	0.247	0.237				REC8	1stExon
cg19286687	2	220,282,243	2.97E-10	0.247	0.224				DES	TSS1500
cg09822192	14	24,801,191	8.01E-21	0.247	0.223				ADCY4	Body
cg14360917	17	45,992,122	7.32E-12	0.247	0.259	7.38E-37	0.193		SP2	Body

cg07737560	12	101,470,827	0.003645	0.247	0.236				<i>ANO4</i>	Body
cg01620701	15	75,953,954	5.56E-11	0.247	0.220					
cg07242540	1	12,600,348	2.57E-10	0.247	0.264					
cg26987660	11	71,952,431	5.87E-09	0.247	0.217				<i>PHOX2A</i>	Body
cg16861031	12	105,477,526	0.000278	0.247	0.212				<i>ALDH1L2</i>	Body
cg19184885	17	45,699,322	2.28E-16	0.247	0.263				<i>NPEPPS</i>	3'UTR
cg16941302	18	55,108,947	0.008382	0.247	0.268				<i>ONECUT2</i>	Body
cg11250081	21	46,126,104	4.02E-05	0.247	0.249				<i>C21orf29</i>	Body
cg14383658	10	102,899,262	5.25E-06	0.247	0.225					
cg25389328	17	38,222,062	1.82E-18	0.247	0.236				<i>THRA</i>	5'UTR
cg26568372	1	91,190,173	0.026194	0.247	0.338					
cg06321596	16	17,562,960	2E-08	0.247	0.269				<i>XYLT1</i>	Body
cg20010506	12	62,585,467	0.000141	0.247	0.207				<i>FAM19A2</i>	5'UTR
cg13403586	1	22,141,170	0.031314	0.247	0.330				<i>LDLRAD2</i>	Body
cg01291336	7	150,949,495	0.004631	0.247	0.152				<i>SMARCD3</i>	Body
cg12684999	2	161,099,777	5.27E-08	0.247	0.242					
cg19589939	12	103,355,326	0.000358	0.247	0.250					
cg24411961	1	34,642,396	0.007798	0.247	0.207				<i>C1orf94</i>	5'UTR
cg20803796	8	145,103,842	0.003091	0.247	0.225					
cg23837265	10	88,730,407	3.13E-05	0.247	0.192				<i>C10orf116</i>	3'UTR
cg24249778	4	55,095,226	0.014003	0.247	0.342				<i>PDGFRA</i>	TSS200
cg14183329	7	131,242,962	0.012307	0.247	0.175					
cg12093241	6	157,465,138	8.39E-17	0.247	0.245				<i>ARID1B</i>	Body
cg12434944	7	48,031,559	0.003907	0.247	0.216				<i>SUNC1</i>	Body
cg19540425	12	32,655,836	3.65E-18	0.247	0.246				<i>FGD4</i>	5'UTR
cg08194989	8	41,655,154	8.57E-15	0.247	0.229				<i>ANK1</i>	TSS200
cg11131384	7	155,325,597	0.000786	0.247	0.215				<i>CNPY1</i>	5'UTR
cg23695133	20	21,087,075	0.017762	0.247	0.273					
cg02249713	6	6,547,074	0.045279	0.247	0.096			Yes	<i>LOC285780</i>	Body
cg18378811	4	114,900,050	0.01508	0.247	0.232				<i>ARSJ</i>	1stExon
cg09407650	16	85,320,156	4.43E-10	0.247	0.235					
cg12237784	7	44,187,017	9.81E-27	0.247	0.226				<i>GCK</i>	Body
cg16727774	16	87,958,281	4.79E-05	0.247	0.197				<i>CA5A</i>	Body
cg25774643	11	627,175	7.77E-05	0.247	0.238				<i>SCT</i>	TSS200

cg14031054	1	164,681,652	1.46E-08	0.247	0.236				<i>PBX1</i>	Body
cg16310491	5	87,973,597	0.000277	0.247	0.197				<i>LOC645323</i>	Body
cg03070194	1	110,210,684	6.73E-07	0.247	0.247	1.76E-19	0.235		<i>GSTM2</i>	5'UTR
cg00722631	5	9,548,098	0.000952	0.247	0.273			Yes	<i>SNORD123</i>	TSS1500
cg02996801	4	113,441,944	0.017295	0.247	0.323					
cg05226932	22	37,720,696	8.21E-07	0.247	0.196					
cg06836849	12	100,751,051	3.67E-05	0.247	0.214	2.28E-24	0.188		<i>SLC17A8</i>	1stExon
cg14758204	20	9,487,871	1.29E-07	0.247	0.216					
cg16297271	14	94,984,308	2.86E-06	0.247	0.243				<i>SERPINA12</i>	TSS200
cg22627981	1	165,204,410	1.37E-05	0.247	0.262				<i>LMX1A</i>	Body
cg00683332	16	51,188,697	0.003745	0.247	0.198					
cg00868875	18	24,127,237	2.22E-06	0.247	0.199				<i>KCTD1</i>	5'UTR
cg06830319	16	57,406,074	6.43E-11	0.247	0.249				<i>CX3CL1</i>	TSS1500
cg17884327	3	197,840,760	2.07E-05	0.247	0.247					
cg16829453	17	48,636,646	8.23E-05	0.247	0.208					
cg19601328	17	43,368,729	0.013505	0.247	0.325	2.69E-17	0.266		<i>MAP3K14</i>	5'UTR
cg04819096	12	54,339,167	0.000313	0.247	0.239				<i>HOXC13</i>	3'UTR
cg17455088	2	206,551,466	2.75E-06	0.247	0.228				<i>NRP2</i>	Body
cg16105461	11	61,485,853	7.67E-12	0.247	0.250				<i>DAGLA</i>	5'UTR
cg19003304	8	60,029,914	1.47E-05	0.247	0.223				<i>TOX</i>	Body
cg27033805	8	145,499,436	7.29E-05	0.247	0.258				<i>BOP1</i>	Body
cg08584947	8	93,468,317	5.26E-05	0.247	0.259					
cg11528328	21	36,041,683	0.000533	0.247	0.248				<i>CLIC6</i>	TSS200
cg18987335	2	177,039,862	0.000378	0.247	0.209					
cg23712458	17	189,002	1.84E-12	0.247	0.217				<i>RPH3AL</i>	5'UTR
cg25101657	17	32,751,628	0.003187	0.247	0.339					
cg19668476	4	153,506,267	7.9E-06	0.247	0.257					
cg23681339	12	133,065,808	8.59E-05	0.247	0.182				<i>FBRSL1</i>	TSS1500
cg03578926	11	70,508,032	6.48E-06	0.247	0.231				<i>SHANK2</i>	Body
cg18024113	1	16,862,202	8.07E-05	0.247	0.299					
cg06299307	16	10,133,466	0.035513	0.247	0.232				<i>GRIN2A</i>	Body
cg05955675	16	85,206,653	1.28E-09	0.247	0.236					
cg19664945	2	54,087,343	0.007808	0.247	0.129	1.39E-11	0.191		<i>LOC100302652</i>	TSS200
cg24603113	7	1,105,321	1.63E-13	0.247	0.237				<i>C7orf50</i>	Body



cg05323725	17	35,294,713	0.000949	0.247	0.182				<i>LHX1</i>	1stExon
cg24883265	1	5,917,845	7.1E-12	0.247	0.226					
cg03942051	1	119,532,655	5.86E-09	0.247	0.242				<i>TBX15</i>	TSS1500
cg15734553	19	11,960,208	0.049738	0.247	0.110					
cg16554148	1	3,630,882	3.11E-12	0.247	0.231			Yes	<i>TP73</i>	Body
cg16656979	15	37,403,242	0.036153	0.247	0.169					
cg00930833	8	41,168,264	2.11E-08	0.247	0.218				<i>SFRP1</i>	TSS1500
cg19194233	22	50,523,801	0.000254	0.247	0.258				<i>MLC1</i>	1stExon
cg24232444	13	99,545,448	2.35E-08	0.247	0.231				<i>DOCK9</i>	Body
cg09346546	2	176,943,669	1.06E-06	0.247	0.222					
cg18294691	14	38,080,669	1.06E-06	0.247	0.263					
cg19051416	7	74,064,585	0.001843	0.247	0.290					
cg18523477	20	55,967,503	2.35E-16	0.247	0.231				<i>RBM38</i>	Body
cg13679691	22	50,608,033	0.002051	0.247	0.161				<i>PANX2</i>	TSS1500
cg15671450	6	29,895,116	5.5E-07	0.247	0.210					
cg21118367	1	184,460,875	2.9E-05	0.247	0.224				<i>C1orf21</i>	Body
cg10820551	22	45,608,345	5.19E-08	0.247	0.213				<i>C22orf9</i>	Body
cg21651000	8	71,129,472	8.37E-10	0.246	0.265				<i>NCOA2</i>	5'UTR
cg08927006	10	100,993,556	1.15E-06	0.246	0.241				<i>HPSE2</i>	Body
cg09712464	17	2,627,328	2.03E-05	0.246	0.240					
cg25605307	1	183,965,312	1.96E-10	0.246	0.232				<i>GLT25D2</i>	Body
cg23248887	14	38,679,643	3.05E-08	0.246	0.218				<i>SSTR1</i>	Body
cg16658255	5	598,906	0.000383	0.246	0.247					
cg24736989	14	60,973,904	0.017695	0.246	0.231					
cg06864853	7	134,143,971	0.006876	0.246	0.202				<i>AKR1B1</i>	TSS200
cg24378559	7	156,889,254	7.08E-06	0.246	0.212					
cg01112452	X	117,958,532	7.05E-05	0.246	0.248	3.89E-19	0.155		<i>ZCCHC12</i>	5'UTR
cg19770292	5	1,868,693	8.19E-06	0.246	0.278			Yes		
cg07489869	13	20,806,730	4.37E-05	0.246	0.179				<i>GJB6</i>	TSS200
cg15323253	6	3,766,662	9.94E-06	0.246	0.195					
cg18063312	5	72,740,737	0.012711	0.246	0.186					
cg21268984	1	8,720,599	1.28E-07	0.246	0.263				<i>RERE</i>	5'UTR
cg08354406	10	115,370,978	0.012566	0.246	0.278				<i>NRAP</i>	Body
cg08743751	5	66,462,471	0.002659	0.246	0.244				<i>MAST4</i>	Body

cg19653417	12	132,654,924	0.002614	0.246	0.221					
cg01273232	15	93,652,756	2.03E-05	0.246	0.239					
cg05869699	10	82,258,734	0.032867	0.246	0.183				<i>TSPAN14</i>	Body
cg13721989	9	130,689,253	6.91E-20	0.246	0.217				<i>PIP5KL1</i>	Body
cg18669209	18	44,777,736	0.0484	0.246	0.224					
cg08404028	16	23,766,112	0.008645	0.246	0.306				<i>CHP2</i>	1stExon
cg02299328	17	38,346,960	2.53E-16	0.246	0.228				<i>RAPGEFL1</i>	Body
cg17631390	15	42,174,823	3.94E-09	0.246	0.221				<i>SPTBN5</i>	Body
cg17854454	5	77,140,243	0.001255	0.246	0.185					
cg24159636	6	18,043,467	1.53E-14	0.246	0.254					
cg24630419	1	217,311,608	1.15E-08	0.246	0.237				<i>ESRRG</i>	TSS1500
cg16197636	8	42,234,724	9.8E-08	0.246	0.250				<i>DKK4</i>	TSS200
cg18991601	2	208,635,549	5.97E-08	0.246	0.244				<i>FZD5</i>	TSS1500
cg06636289	1	40,781,617	0.005442	0.246	0.194				<i>COL9A2</i>	Body
cg01825213	9	98,979,965	1.92E-06	0.246	0.247					
cg14612428	18	11,751,566	7.74E-07	0.246	0.230				<i>GNAL</i>	5'UTR
cg00090261	8	101,118,548	0.000263	0.246	0.246				<i>RGS22</i>	TSS1500
cg06100570	7	2,078,988	1.49E-11	0.246	0.237				<i>MAD1L1</i>	Body
cg12393318	5	87,981,068	3.55E-07	0.246	0.288				<i>LOC645323</i>	TSS1500
cg15972560	4	82,136,940	0.001877	0.246	0.212					
cg17890928	17	48,546,193	0.008838	0.246	0.233				<i>ACSF2</i>	Body
cg11218954	2	45,164,864	1.71E-07	0.246	0.241					
cg06391412	3	71,295,684	8.34E-13	0.246	0.203				<i>FOXP1</i>	5'UTR
cg02589685	11	2,889,629	5.4E-14	0.246	0.245					
cg03283990	15	35,129,641	2.15E-05	0.246	0.175					
cg15517113	2	620,265	1.69E-05	0.246	0.245					
cg22775000	9	103,235,181	0.000897	0.246	0.157	2.54E-15	0.116		<i>TMEFF1</i>	TSS1500
cg12081870	1	205,475,130	5.87E-14	0.246	0.226				<i>CDK18</i>	5'UTR
cg07990546	2	74,742,309	0.00413	0.246	0.297				<i>TLX2</i>	1stExon
cg08129092	1	153,746,211	4.37E-10	0.246	0.254				<i>INTS3</i>	3'UTR
cg08828733	12	45,268,613	6.52E-08	0.246	0.218				<i>NELL2</i>	Body
cg27223827	2	106,054,920	5.4E-18	0.246	0.236	1.24E-22	0.169	Yes	<i>FHL2</i>	1stExon
cg14968300	8	23,585,186	1.79E-05	0.246	0.229					
cg15986251	2	65,519,810	0.001442	0.246	0.259					

cg24541426	2	177,029,459	3.73E-06	0.246	0.199				<i>HOXD3</i>	5'UTR
cg27117828	2	175,499,377	0.01207	0.246	0.211				<i>WIPF1</i>	5'UTR
cg26375010	X	118,407,852	0.021736	0.246	0.229					
cg26705724	15	41,061,984	4.63E-11	0.246	0.242				<i>DNAJC17</i>	Body
cg25513659	17	183,931	0.041304	0.246	0.137				<i>RPH3AL</i>	5'UTR
cg09827761	15	66,947,392	0.014922	0.246	0.148					
cg14023881	1	77,230,704	2.38E-09	0.246	0.186					
cg15481172	1	2,059,086	2.21E-10	0.246	0.240				<i>PRKCZ</i>	5'UTR
cg12817924	X	13,588,162	0.000921	0.246	0.231				<i>EGFL6</i>	Body
cg13423383	9	139,889,616	1.05E-15	0.246	0.204				<i>CLIC3</i>	Body
cg11667020	20	21,378,045	0.018549	0.246	0.231				<i>NKX2-4</i>	5'UTR
cg23054181	15	99,048,945	0.00499	0.246	0.200				<i>FAM169B</i>	5'UTR
cg25485913	19	49,568,962	2.12E-10	0.246	0.249	7.51E-27	0.132			
cg09095777	12	53,465,912	1.81E-14	0.246	0.252				<i>SPRYD3</i>	Body
cg10906415	17	36,719,937	4.56E-05	0.246	0.233				<i>SRCIN1</i>	Body
cg13977835	1	23,883,338	2.43E-07	0.246	0.275					
cg17588800	7	42,278,067	2.24E-11	0.246	0.229				<i>GLI3</i>	TSS1500
cg19988426	10	130,064,021	0.040077	0.246	0.234					
cg26125625	3	124,860,871	2.8E-05	0.246	0.249				<i>SLC12A8</i>	Body
cg19929189	6	41,340,058	0.013335	0.246	0.266					
cg11529346	6	168,665,455	2.64E-07	0.246	0.262					
cg12573849	2	105,470,711	1.55E-08	0.246	0.230				<i>POU3F3</i>	TSS1500
cg14453145	2	242,801,896	7.16E-07	0.246	0.225				<i>PDCD1</i>	TSS1500
cg03782157	16	54,970,302	0.011849	0.246	0.302					
cg06495501	22	50,523,761	0.000189	0.246	0.257				<i>MLC1</i>	5'UTR
cg14311670	3	181,444,999	0.004788	0.246	0.269				<i>SOX2OT</i>	Body
cg22635541	17	1,808,573	1.39E-20	0.246	0.195					
cg26345888	1	58,716,257	9.1E-07	0.246	0.193				<i>DAB1</i>	TSS200
cg27282564	19	55,577,746	9.7E-09	0.246	0.269				<i>RDH13</i>	5'UTR
cg25457886	3	14,339,565	8.98E-06	0.246	0.249					
cg22996489	13	97,646,736	0.045122	0.246	0.334				<i>OXGR1</i>	TSS200
cg09682128	13	100,613,240	6E-05	0.246	0.221					
cg11660018	11	86,510,915	9.72E-23	0.246	0.214				<i>PRSS23</i>	TSS1500
cg21287054	19	54,928,012	0.012315	0.246	0.202				<i>TTYH1</i>	Body

cg05460226	17	8,804,279	0.000249	0.246	0.320				<i>PIK3R5</i>	Body
cg02388882	10	88,731,631	1.49E-05	0.246	0.236				<i>AGAP11</i>	5'UTR
cg07057744	17	4,545,074	0.003704	0.246	0.343				<i>ALOX15</i>	TSS200
cg26415789	17	75,475,973	1.89E-20	0.246	0.232				<i>SEPT9</i>	Body
cg11931762	20	9,488,920	2.49E-06	0.246	0.223					
cg13157980	8	141,599,141	0.000142	0.246	0.196				<i>EIF2C2</i>	Body
cg17105834	1	177,133,566	0.045774	0.246	0.293				<i>ASTN1</i>	1stExon
cg10068989	11	129,244,122	0.000302	0.246	0.268					
cg11485154	11	46,265,393	0.000821	0.246	0.152					
cg26644885	16	72,981,599	1.14E-10	0.246	0.232				<i>ZFH3</i>	Body
cg03301582	7	95,026,095	0.000153	0.246	0.233				<i>PON3</i>	TSS1500
cg04565008	11	67,418,140	1.3E-14	0.246	0.236				<i>ACY3</i>	TSS200
cg05756029	11	18,230,754	5.35E-12	0.246	0.247				<i>LOC494141</i>	Body
cg08131184	19	33,764,378	2.48E-15	0.246	0.239					
cg18446336	7	2,847,575	4.07E-06	0.246	0.176				<i>GNA12</i>	Body
cg08767182	5	92,940,163	8.44E-05	0.246	0.195					
cg20255723	22	45,073,031	3.42E-14	0.246	0.225				<i>PRR5</i>	5'UTR
cg13647523	9	120,178,198	6.11E-07	0.246	0.285				<i>ASTN2</i>	TSS1500
cg22523050	7	137,564,212	9.94E-11	0.246	0.247				<i>CREB3L2</i>	3'UTR
cg05766064	18	19,262,576	0.003123	0.246	0.217				<i>ABHD3</i>	Body
cg12615535	3	139,257,713	7.5E-09	0.246	0.248				<i>RBP1</i>	Body
cg20308679	2	183,731,407	0.049939	0.246	0.142	0.00131609	0.087		<i>FRZB</i>	5'UTR
cg05446860	20	25,129,126	0.004196	0.246	0.276				<i>LOC284798</i>	Body
cg04090347	21	44,061,597	1.37E-05	0.246	0.253					
cg13969327	7	127,526,253	9.07E-12	0.246	0.244				<i>SND1</i>	Body
cg10064871	11	6,341,908	3.74E-05	0.246	0.246				<i>PRKCDBP</i>	TSS200
cg11435506	7	95,026,073	0.000976	0.246	0.197				<i>PON3</i>	TSS1500
cg02856338	8	101,822,108	1.89E-07	0.246	0.243					
cg06299284	11	636,659	0.003262	0.246	0.240				<i>DRD4</i>	TSS1500
cg10635061	2	106,055,006	5.72E-11	0.246	0.264	2.28E-25	0.218		<i>FHL2</i>	1stExon
cg11746924	17	62,007,912	2.1E-12	0.246	0.240				<i>CD79B</i>	Body
cg27212729	2	171,570,838	0.008967	0.246	0.154				<i>LOC440925</i>	Body
cg26634121	16	88,897,219	7.29E-24	0.246	0.225				<i>GALNS</i>	Body
cg01598596	3	187,464,648	0.000239	0.246	0.149				<i>BCL6</i>	TSS1500

cg03936449	16	56,696,967	1.79E-05	0.246	0.248					
cg18045100	5	3,764,541	0.000409	0.246	0.258					
cg01416712	4	41,750,864	0.000495	0.246	0.272				<i>PHOX2B</i>	1stExon
cg11344729	7	151,335,190	1.09E-21	0.246	0.249				<i>PRKAG2</i>	Body
cg08812802	12	49,686,619	2.16E-06	0.246	0.270					
cg15626285	12	7,167,781	0.002978	0.246	0.298				<i>C1S</i>	TSS200
cg01940964	7	128,471,600	4.04E-05	0.246	0.230				<i>FLNC</i>	Body
cg04474277	7	134,376,946	0.003479	0.246	0.285					
cg05392244	6	1,575,286	1.37E-08	0.246	0.228					
cg23217419	1	180,881,088	0.003828	0.246	0.215				<i>KIAA1614</i>	TSS1500
cg24624901	7	19,184,273	0.025256	0.246	0.280					
cg26937778	14	96,562,667	1.06E-05	0.246	0.239					
cg13035743	6	32,119,685	0.014579	0.246	0.225	4.35E-16	0.206		<i>PRRT1</i>	1stExon
cg18631996	5	139,526,080	1.89E-13	0.246	0.219					
cg05749969	1	38,412,711	2.65E-06	0.246	0.241				<i>INPP5B</i>	5'UTR
cg10168494	3	187,635,183	9.02E-08	0.246	0.220					
cg16033633	13	100,624,855	0.000168	0.246	0.239				<i>ZIC5</i>	TSS1500
cg16448890	3	8,783,613	0.000229	0.246	0.209				<i>CAV3</i>	Body
cg20431250	6	108,492,653	9.39E-05	0.246	0.257				<i>NR2E1</i>	Body
cg21779301	7	30,029,757	0.014776	0.246	0.103				<i>SCRN1</i>	TSS1500
cg04112211	5	87,436,327	0.009236	0.245	0.189					
cg06601581	16	85,404,654	0.00189	0.245	0.159					
cg00107772	14	57,261,886	0.000627	0.245	0.192					
cg22820364	14	81,901,540	1.57E-05	0.245	0.235					
cg16990168	1	119,526,060	0.000604	0.245	0.238				<i>TBX15</i>	5'UTR
cg25429640	5	176,302,913	0.001099	0.245	0.263				<i>UNC5A</i>	Body
cg17124224	15	83,953,880	6.92E-06	0.245	0.234				<i>BNC1</i>	TSS1500
cg18142262	2	180,293,643	0.000276	0.245	0.239					
cg09870568	3	138,154,278	1.05E-05	0.245	0.246			Yes	<i>ESYT3</i>	Body
cg05259836	6	74,290,516	0.004303	0.245	0.247					
cg07839742	6	84,761,960	0.000422	0.245	0.288				<i>MRAP2</i>	5'UTR
cg14189571	4	188,916,943	8.55E-06	0.245	0.238	4.75E-10	0.205		<i>ZFP42</i>	1stExon
cg15721666	12	120,799,597	2.58E-45	0.245	0.242				<i>MSI1</i>	Body
cg26708483	5	131,422,110	2.39E-09	0.245	0.251			Yes		

cg08634318	3	13,323,642	6.18E-06	0.245	0.223					
cg18798099	9	140,189,618	2.69E-17	0.245	0.224					
cg24219033	17	7,485,218	1.11E-07	0.245	0.265				<i>CD68</i>	3'UTR
cg09479650	16	85,578,516	1.38E-20	0.245	0.217					
cg10864680	13	108,922,274	0.000141	0.245	0.238				<i>TNFSF13B</i>	1stExon
cg27177554	10	16,562,102	2.1E-05	0.245	0.261				<i>C1QL3</i>	Body
cg13371788	6	117,586,817	0.030753	0.245	0.254				<i>VGLL2</i>	1stExon
cg16431436	5	82,768,907	0.020492	0.245	0.115				<i>VCAN</i>	5'UTR
cg16170708	1	6,390,830	3.55E-25	0.245	0.229				<i>ACOT7</i>	Body
cg00741609	10	102,893,925	0.000549	0.245	0.258				<i>TLX1</i>	Body
cg23861803	6	31,830,030	0.026027	0.245	0.211				<i>NEU1</i>	Body
cg26314055	1	1,182,658	0.002891	0.245	0.289				<i>FAM132A</i>	TSS1500
cg03144232	16	31,022,351	0.026378	0.245	0.270				<i>STX1B</i>	TSS1500
cg07729130	11	45,167,493	0.027019	0.245	0.224				<i>PRDM11</i>	Body
cg09145546	16	56,696,748	5.65E-06	0.245	0.236					
cg27036111	11	20,620,680	0.000622	0.245	0.289				<i>SLC6A5</i>	TSS1500
cg10540626	2	71,124,470	0.000001	0.245	0.253					
cg14319235	1	79,472,282	0.0004	0.245	0.215				<i>ELTD1</i>	Body
cg14334389	4	88,451,346	0.000954	0.245	0.299				<i>SPARCL1</i>	TSS1500
cg05022789	8	135,469,681	0.038589	0.245	0.173					
cg14405893	9	127,539,942	0.011794	0.245	0.198				<i>OLFML2A</i>	Body
cg05384646	15	30,206,862	1.03E-12	0.245	0.249					
cg09840968	15	37,394,840	0.032367	0.245	0.336				<i>MEIS2</i>	TSS1500
cg12727529	3	42,307,761	3.14E-20	0.245	0.248				<i>CCK</i>	TSS1500
cg14211310	7	7,557,741	4.46E-08	0.245	0.221				<i>COL28A1</i>	Body
cg14396619	7	98,424,185	0.000118	0.245	0.218					
cg26183870	14	100,142,298	1.73E-07	0.245	0.197				<i>HHIPL1</i>	3'UTR
cg10796603	X	133,676,860	1.75E-16	0.245	0.222				<i>MIR542</i>	TSS1500
cg18888461	11	18,477,379	2.28E-05	0.245	0.186				<i>LDHAL6A</i>	1stExon
cg03704031	X	70,712,215	1.55E-05	0.245	0.192	0.0000131	0.144		<i>INGX</i>	Body
cg03339247	16	73,059,888	3.16E-05	0.245	0.222				<i>ZFH3</i>	5'UTR
cg06619938	12	54,376,127	1.9E-07	0.245	0.229					
cg07525782	5	33,324,641	3.18E-15	0.245	0.237					
cg18084609	14	31,345,041	7.23E-17	0.245	0.241				<i>COCH</i>	Body

cg22522598	19	15,360,953	2.12E-20	0.245	0.241				<i>BRD4</i>	Body
cg01916088	6	41,528,531	3.99E-08	0.245	0.236				<i>FOXP4</i>	5'UTR
cg04203587	4	75,895,612	8.63E-20	0.245	0.237				<i>PARM1</i>	Body
cg12386646	15	41,787,261	0.000228	0.245	0.251				<i>ITPKA</i>	Body
cg00164458	1	225,676,425	2.77E-10	0.245	0.236				<i>ENAH</i>	3'UTR
cg02697649	2	202,901,045	4.36E-07	0.245	0.253				<i>FZD7</i>	1stExon
cg09949775	19	18,902,107	0.000123	0.245	0.195	3.69E-17	0.158		<i>COMP</i>	1stExon
cg09224689	11	31,825,166	0.024931	0.245	0.304				<i>PAX6</i>	Body
cg25617328	5	76,939,333	1.97E-12	0.245	0.216					
cg19772399	11	133,825,319	0.002556	0.245	0.217				<i>IGSF9B</i>	Body
cg10703784	12	28,127,353	0.00132	0.245	0.277					
cg14952949	12	81,109,806	1.01E-13	0.245	0.229				<i>MYF5</i>	TSS1500
cg27105390	19	23,253,316	1.1E-05	0.245	0.266					
cg00268086	17	5,487,376	3.28E-06	0.245	0.258				<i>NLRP1</i>	5'UTR
cg15608301	13	100,085,187	5.4E-07	0.245	0.191					
cg04452770	12	53,267,981	0.029618	0.245	0.192					
cg24989193	10	105,540,623	1.84E-07	0.245	0.216				<i>SH3PXD2A</i>	Body
cg25250968	6	11,318,770	5.1E-06	0.245	0.236				<i>NEDD9</i>	5'UTR
cg03858703	3	68,316,096	0.00534	0.245	0.179				<i>FAM19A1</i>	Body
cg06945399	7	127,671,195	0.007204	0.245	0.163				<i>LRRC4</i>	TSS200
cg20168495	4	148,283,066	1.1E-06	0.245	0.243					
cg12974599	22	46,770,195	3.35E-10	0.245	0.228				<i>CELSR1</i>	Body
cg26608174	17	46,711,035	9.4E-06	0.245	0.217				<i>MIR196A1</i>	TSS1500
cg06212263	21	34,392,851	0.000808	0.245	0.219					
cg17788832	8	87,081,654	1.01E-11	0.245	0.248	3.55E-31	0.195		<i>PSKH2</i>	Body
cg04948892	3	181,428,462	3.87E-06	0.245	0.238				<i>SOX2OT</i>	Body
cg13925809	9	84,646,696	9.36E-05	0.245	0.291					
cg21195468	9	126,773,095	1.98E-09	0.245	0.256				<i>LHX2</i>	TSS1500
cg10431481	1	45,249,875	0.003817	0.245	0.323				<i>BEST4</i>	3'UTR
cg16026813	10	103,245,720	8.79E-06	0.245	0.251				<i>BTRC</i>	Body
cg18584387	12	4,384,879	0.002523	0.245	0.264				<i>CCND2</i>	Body
cg04076682	11	32,915,823	0.005795	0.245	0.304				<i>QSER1</i>	5'UTR
cg17296589	13	113,366,074	0.000133	0.245	0.145				<i>ATP11A</i>	Body
cg22076941	1	70,036,106	0.000218	0.245	0.251					

cg08271804	19	22,816,896	0.014036	0.245	0.237				ZNF492	TSS1500
cg16642520	2	54,936,739	6.4E-05	0.245	0.196					
cg07885629	7	129,422,915	3.23E-05	0.245	0.247					
cg11348293	2	219,926,334	0.004562	0.245	0.156				IHH	TSS1500
cg07082484	4	170,075,731	3E-05	0.245	0.254				SH3RF1	Body
cg15662251	1	26,197,855	2.43E-14	0.245	0.229	4.39E-24	0.224		PAQR7	TSS200
cg09555736	16	474,271	0.002875	0.245	0.300				RAB11FIP3	TSS1500
cg11878016	7	84,816,843	0.001621	0.245	0.253					
cg26221105	1	223,914,343	2.77E-06	0.245	0.240				CAPN2	Body
cg04666975	14	60,977,353	0.002499	0.245	0.198				SIX6	Body
cg08190450	17	800,717	3.67E-07	0.245	0.234				NXN	Body
cg23475955	11	1,985,762	1.47E-10	0.245	0.246					
cg04737114	7	96,654,931	0.00024	0.245	0.217				DLX5	TSS1500
cg06352807	7	157,648,699	1.45E-11	0.245	0.228				PTPRN2	Body
cg12621514	10	54,073,047	0.002172	0.245	0.272	5.02E-13	0.187		DKK1	TSS1500
cg01337813	7	127,808,512	0.001628	0.245	0.216					
cg16115418	X	3,630,582	1.83E-05	0.245	0.162				PRKX	Body
cg10109500	3	172,165,884	0.011054	0.245	0.275				GHSR	1stExon
cg15773794	2	172,957,583	0.006148	0.245	0.270					
cg00192882	17	19,291,120	2.02E-17	0.245	0.246				MFAP4	TSS1500
cg19701879	4	23,881,105	3.22E-05	0.245	0.249				PPARGC1A	Body
cg00161124	1	234,366,259	0.001124	0.245	0.181				SLC35F3	Body
cg05470554	7	120,969,079	0.000645	0.245	0.251				WNT16	TSS200
cg20438286	11	11,371,451	2.23E-14	0.245	0.241				GALNTL4	Body
cg03994959	13	108,866,993	0.000121	0.245	0.117				LIG4	5'UTR
cg16884902	11	20,617,974	0.002172	0.245	0.266					
cg09180848	15	83,953,780	0.001976	0.245	0.224				BNC1	TSS1500
cg21031345	11	121,800,497	0.010984	0.245	0.214					
cg06400704	1	240,256,644	0.040274	0.245	0.338				FMN2	1stExon
cg09597806	15	28,351,607	0.012453	0.245	0.092					
cg23318893	6	29,974,083	5.09E-06	0.245	0.255				HLA-J	Body
cg19348676	20	43,743,967	5.98E-16	0.245	0.246				WFDC5	TSS200
cg20822579	14	24,809,073	1.38E-07	0.245	0.222	2.87E-16	0.182		RIPK3	5'UTR
cg03410359	6	28,574,635	0.007741	0.245	0.241					



cg04468551	12	59,990,894	0.00494	0.245	0.339					
cg18020065	13	114,829,733	0.010308	0.245	0.140				<i>RASA3</i>	Body
cg26101485	8	142,264,769	8.04E-15	0.245	0.264					
cg15292765	10	34,405,759	3.51E-09	0.245	0.237				<i>PARD3</i>	Body
cg01408363	12	125,033,903	3.89E-12	0.245	0.230					
cg02621287	12	11,653,278	0.036009	0.245	0.250					
cg06865451	1	39,035,934	0.00038	0.245	0.208					
cg13957126	7	5,597,849	0.000514	0.245	0.214					
cg25009504	18	21,269,793	0.018907	0.245	0.255				<i>LAMA3</i>	1stExon
cg08486575	16	30,908,490	0.048305	0.245	0.332				<i>CTF1</i>	Body
cg05527507	1	861,265	0.000495	0.245	0.242				<i>SAMD11</i>	5'UTR
cg22957135	14	33,409,651	3.42E-09	0.245	0.237				<i>NPAS3</i>	Body
cg04190618	11	46,938,492	0.014385	0.245	0.180				<i>LRP4</i>	Body
cg04578903	1	21,754,899	1.47E-05	0.245	0.198					
cg18072282	22	37,976,192	8.1E-10	0.245	0.259				<i>LGALS2</i>	TSS200
cg05945782	17	1,954,986	1.43E-07	0.245	0.264				<i>MIR212</i>	TSS1500
cg13305444	1	225,838,196	0.000345	0.245	0.298				<i>ENAH</i>	Body
cg19868691	2	219,744,597	0.001566	0.245	0.271				<i>WNT10A</i>	TSS1500
cg16700920	10	133,810,060	1.17E-66	0.245	0.246					
cg27116888	18	76,746,337	0.038646	0.245	0.312				<i>SALL3</i>	Body
cg02213684	5	134,366,534	0.007835	0.245	0.315				<i>PITX1</i>	Body
cg03494022	18	43,992,823	1.96E-08	0.245	0.277				<i>RNF165</i>	Body
cg22192489	5	134,521,633	1.66E-10	0.245	0.217					
cg06913330	4	2,060,313	0.009389	0.245	0.125				<i>NAT8L</i>	TSS1500
cg07200957	5	58,334,676	7.84E-05	0.245	0.248				<i>PDE4D</i>	Body
cg11530678	15	67,081,012	3E-26	0.245	0.227					
cg06632098	10	43,605,906	7.02E-12	0.245	0.244				<i>RET</i>	Body
cg14463068	2	1,820,315	1.55E-06	0.245	0.239				<i>MYT1L</i>	Body
cg17877071	3	49,460,177	1.39E-12	0.245	0.246				<i>AMT</i>	TSS200
cg25752163	12	111,470,657	1.93E-10	0.245	0.249				<i>CUX2</i>	TSS1500
cg12317601	10	119,301,760	0.049922	0.244	0.315				<i>EMX2</i>	TSS200
cg14152222	11	68,780,661	2.03E-08	0.244	0.260				<i>MRGPRF</i>	5'UTR
cg17876497	10	88,731,295	0.002275	0.244	0.187				<i>AGAP11</i>	5'UTR
cg14718065	2	131,010,763	1.02E-12	0.244	0.192					

cg16034168	1	6,336,711	2.67E-11	0.244	0.234					<i>ACOT7</i>	Body
cg24585203	11	27,105,814	6.22E-17	0.244	0.236					<i>BBOX1</i>	Body
cg13288195	15	63,889,711	4.93E-13	0.244	0.234	4.09E-14	0.235			<i>FBXL22</i>	1stExon
cg14437725	9	137,787,387	0.000239	0.244	0.279						
cg25705148	2	72,079,498	5.87E-12	0.244	0.224						
cg10800464	12	109,162,641	0.012298	0.244	0.129						
cg18391937	14	55,539,537	0.000226	0.244	0.245						
cg05922610	6	108,495,985	3.11E-05	0.244	0.251					<i>NR2E1</i>	Body
cg08582356	8	86,351,018	4.88E-05	0.244	0.270					<i>CA3</i>	TSS200
cg13033722	6	43,111,240	1.66E-11	0.244	0.215					<i>PTK7</i>	Body
cg25403283	10	63,629,487	0.000501	0.244	0.241						
cg18742814	1	41,828,276	1.33E-05	0.244	0.246						
cg24994355	10	99,445,520	5.39E-07	0.244	0.208			Yes		<i>AVPI1</i>	5'UTR
cg01882113	2	206,724,023	1.2E-13	0.244	0.223						
cg03915432	2	101,428,924	3.9E-12	0.244	0.243						
cg04293152	16	3,085,468	1.71E-12	0.244	0.241					<i>CCDC64B</i>	1stExon
cg05260966	22	33,197,394	1.09E-08	0.244	0.227	3.58E-27	0.166			<i>SYN3</i>	Body
cg06556244	7	143,089,459	8E-11	0.244	0.243					<i>EPHA1</i>	Body
cg19485202	19	18,902,081	1.57E-05	0.244	0.192					<i>COMP</i>	1stExon
cg13459035	7	135,369,001	1.84E-15	0.244	0.247					<i>SLC13A4</i>	Body
cg17966344	7	102,071,463	0.001591	0.244	0.213						
cg06490225	17	35,298,825	1.56E-06	0.244	0.253					<i>LHX1</i>	Body
cg15493618	4	154,714,069	0.00382	0.244	0.277						
cg22730464	5	94,955,816	0.010047	0.244	0.202					<i>GPR150</i>	TSS200
cg23056703	3	5,470,788	1.01E-11	0.244	0.262						
cg02974898	1	23,105,600	9.97E-12	0.244	0.245					<i>EPHB2</i>	Body
cg16032102	1	206,680,459	0.001088	0.244	0.203					<i>RASSF5</i>	TSS1500
cg14578087	9	133,796,926	2.16E-20	0.244	0.247					<i>FIBCD1</i>	Body
cg18868483	6	71,667,067	0.025438	0.244	0.102					<i>B3GAT2</i>	TSS1500
cg03506640	14	85,997,753	0.008673	0.244	0.258					<i>FLRT2</i>	5'UTR
cg01734112	2	26,624,760	0.023427	0.244	0.056					<i>C2orf39</i>	TSS200
cg24128292	8	30,419,935	7.17E-14	0.244	0.241					<i>RBPMS</i>	3'UTR
cg15468976	1	2,106,222	2.83E-05	0.244	0.289					<i>PRKCZ</i>	Body
cg22386583	17	78,753,756	1.37E-14	0.244	0.233					<i>RPTOR</i>	Body

cg04166432	2	181,843,717	4.15E-11	0.244	0.204				<i>UBE2E3</i>	TSS1500
cg17827208	15	99,470,414	1.14E-10	0.244	0.225				<i>IGF1R</i>	Body
cg19375537	1	46,951,589	0.001323	0.244	0.240					
cg17075352	4	71,533,675	4.8E-11	0.244	0.267				<i>IGJ</i>	TSS1500
cg09420907	12	4,273,763	0.021069	0.244	0.266					
cg16004706	12	114,273,782	1.21E-06	0.244	0.193				<i>RBM19</i>	Body
cg23279335	11	75,863,631	6.14E-10	0.244	0.263					
cg23671279	8	140,969,608	1.56E-18	0.244	0.231				<i>TRAPPC9</i>	Body
cg00594099	1	27,893,886	2.28E-07	0.244	0.259				<i>AHDC1</i>	5'UTR
cg07501233	13	100,641,900	0.000101	0.244	0.232					
cg04517258	8	144,094,955	6.74E-09	0.244	0.217				<i>LOC100133669</i>	Body
cg05294243	19	51,569,106	0.00012	0.244	0.270	1.23E-12	0.168		<i>KLK13</i>	TSS1500
cg11814235	18	28,621,490	0.006255	0.244	0.256				<i>DSC3</i>	Body
cg16617301	19	46,999,109	4.45E-06	0.244	0.263				<i>PNMAL2</i>	1stExon
cg11124021	4	10,024,412	0.000376	0.244	0.176				<i>SLC2A9</i>	TSS1500
cg04052706	16	72,981,543	3.66E-13	0.244	0.222				<i>ZFHX3</i>	Body
cg23504411	6	27,859,160	0.000162	0.244	0.244				<i>HIST1H3J</i>	TSS1500
cg15539420	17	46,692,248	4.64E-06	0.244	0.191	2.57E-31	0.216		<i>HOXB8</i>	5'UTR
cg15717617	8	38,782,090	0.035615	0.244	0.155				<i>PLEKHA2</i>	Body
cg02809404	14	67,656,029	2.9E-17	0.244	0.213				<i>FAM71D</i>	TSS200
cg25105561	1	91,316,318	1.4E-06	0.244	0.218					
cg06009215	5	113,647,903	1.74E-20	0.244	0.251					
cg26037504	12	56,113,808	4.11E-11	0.244	0.249				<i>RDH5</i>	TSS1500
cg06196755	19	31,839,734	0.034395	0.244	0.118				<i>TSHZ3</i>	Body
cg11150074	1	200,863,559	1.76E-23	0.244	0.248				<i>C1orf106</i>	TSS1500
cg12793733	4	47,488,620	2.01E-15	0.244	0.222				<i>ATP10D</i>	5'UTR
cg14645027	12	52,642,706	9.14E-18	0.244	0.221				<i>KRT7</i>	3'UTR
cg13217590	2	6,122,107	0.003166	0.244	0.274				<i>LOC400940</i>	TSS200
cg04747322	5	121,647,308	0.03507	0.244	0.283	4.97E-18	0.199		<i>SNCAIP</i>	TSS1500
cg08848140	9	124,982,018	7.4E-08	0.244	0.241				<i>LHX6</i>	Body
cg10299976	10	94,455,543	9.97E-08	0.244	0.219					
cg19494587	16	1,398,004	1.68E-06	0.244	0.225				<i>BAIAP3</i>	Body
cg02523844	7	79,083,507	0.014323	0.244	0.206				<i>MAGI2</i>	TSS1500
cg17411190	22	19,510,877	8.7E-05	0.244	0.235				<i>CLDN5</i>	1stExon

cg27646965	2	238,814,032	0.000104	0.244	0.216				<i>RAMP1</i>	Body
cg07313162	5	34,587,700	6.71E-08	0.244	0.226					
cg21901277	2	132,152,297	9.04E-10	0.244	0.233					
cg15649236	17	46,657,504	0.000268	0.244	0.236				<i>MIR10A</i>	TSS200
cg20120491	22	38,965,934	4E-05	0.244	0.234	1.55E-16	0.154		<i>DMC1</i>	5'UTR
cg00306311	4	17,783,936	3.07E-08	0.244	0.224				<i>FAM184B</i>	TSS1500
cg12041387	7	96,650,171	8.25E-08	0.244	0.232	0.00714665	0.067		<i>DLX5</i>	Body
cg14482968	9	137,599,175	1.02E-09	0.244	0.240				<i>COL5A1</i>	Body
cg15371881	5	142,065,819	4.42E-10	0.244	0.215				<i>FGF1</i>	5'UTR
cg09621708	16	50,003,457	1.53E-09	0.244	0.216					
cg06179765	7	23,287,352	0.002184	0.244	0.272				<i>GPNMB</i>	Body
cg00253379	16	54,404,709	7.02E-06	0.244	0.221					
cg24879560	3	65,342,971	1.21E-10	0.244	0.224				<i>MAGI1</i>	Body
cg27457941	3	139,258,754	0.004591	0.244	0.109	4.2E-13	0.126		<i>RBP1</i>	TSS200
cg06845853	11	32,461,240	0.046135	0.244	0.275				<i>WIT1</i>	Body
cg07589381	1	10,764,512	1.2E-10	0.244	0.208				<i>CASZ1</i>	5'UTR
cg16877087	2	161,504,834	0.002131	0.244	0.190					
cg15909981	22	37,465,178	1.35E-07	0.244	0.265				<i>TMPRSS6</i>	Body
cg02341197	21	34,185,927	1.23E-13	0.244	0.230				<i>C21orf62</i>	5'UTR
cg15716680	11	12,864,037	0.023349	0.244	0.139				<i>TEAD1</i>	Body
cg12996903	3	50,275,575	0.029465	0.244	0.144				<i>GNAI2</i>	Body
cg27310024	15	90,950,101	1.3E-16	0.244	0.232				<i>IQGAP1</i>	Body
cg25365260	17	46,669,781	9.92E-08	0.244	0.219				<i>LOC404266</i>	Body
cg07413251	3	27,771,667	0.049512	0.244	0.219					
cg07279442	3	124,848,635	4.14E-21	0.244	0.227				<i>SLC12A8</i>	Body
cg23163200	21	34,186,122	8.17E-07	0.244	0.225				<i>C21orf62</i>	TSS200
cg26390660	3	110,344,165	2.68E-10	0.244	0.232					
cg16181043	6	31,239,175	0.004356	0.244	0.256				<i>HLA-C</i>	Body
cg00571041	3	62,352,633	0.001535	0.244	0.191			Yes		
cg05351887	16	3,988,869	0.02488	0.244	0.308					
cg05959170	3	62,353,312	0.000215	0.244	0.208					
cg26755097	6	30,711,844	0.007844	0.244	0.211				<i>FLOT1</i>	TSS1500
cg07785737	10	71,176,850	6.17E-19	0.244	0.239				<i>TACR2</i>	TSS200
cg27481559	2	87,037,038	1.06E-06	0.244	0.231					

cg11207353	19	18,508,493	5.93E-09	0.244	0.225				<i>LRR25</i>	TSS200
cg26865084	6	169,223,825	7.64E-08	0.244	0.227					
cg01588379	7	151,433,326	1.2E-06	0.244	0.177				<i>PRKAG2</i>	Body
cg21182715	12	95,567,919	3.77E-06	0.244	0.210				<i>FGD6</i>	Body
cg05130081	7	157,867,264	4.51E-07	0.244	0.238				<i>PTPRN2</i>	Body
cg18512963	3	131,430,364	6.62E-11	0.244	0.227				<i>CPNE4</i>	Body
cg25256099	17	79,484,960	1.69E-09	0.244	0.230					
cg06379721	10	102,590,401	0.001162	0.244	0.234					
cg06794543	15	42,749,748	0.025562	0.244	0.180				<i>ZFP106</i>	TSS200
cg07914866	12	66,583,431	2.01E-05	0.244	0.263	2.79E-10	0.109		<i>IRAK3</i>	Body
cg26667550	1	156,098,772	3.94E-14	0.244	0.243				<i>LMNA</i>	Body
cg04497512	21	36,042,224	0.001907	0.244	0.174				<i>CLIC6</i>	1stExon
cg26551200	7	2,681,369	5.45E-14	0.244	0.239				<i>TTYH3</i>	Body
cg03455762	X	128,873,475	5.26E-14	0.244	0.257				<i>XPNPEP2</i>	Body
cg04414946	X	9,435,372	6.97E-21	0.244	0.258				<i>TBL1X</i>	5'UTR
cg05932042	17	40,822,653	1.13E-12	0.244	0.221				<i>PLEKHH3</i>	Body
cg15133719	2	223,163,804	0.000412	0.244	0.225				<i>PAX3</i>	TSS200
cg25707676	7	96,643,539	0.004406	0.244	0.277				<i>DLX6AS</i>	TSS200
cg07504393	15	67,136,043	0.029837	0.244	0.086					
cg08319130	6	100,038,353	0.0014	0.244	0.275					
cg08419450	10	90,013,989	0.00023	0.244	0.204					
cg22777433	14	100,784,665	0.027883	0.244	0.194					
cg25782983	11	74,950,764	1.87E-12	0.244	0.238					
cg05377162	1	185,286,996	0.001745	0.244	0.190				<i>IVNS1ABP</i>	TSS1500
cg27656459	12	116,796,562	5.09E-16	0.244	0.256					
cg10996148	17	925,701	1.89E-16	0.244	0.229				<i>ABR</i>	Body
cg13634242	5	60,921,891	0.032983	0.244	0.305					
cg04754315	4	57,522,801	1.72E-05	0.244	0.242				<i>HOPX</i>	5'UTR
cg06108782	10	50,817,213	0.003742	0.244	0.261				<i>SLC18A3</i>	TSS1500
cg19593490	6	29,943,188	1.26E-05	0.244	0.231				<i>HCG9</i>	Body
cg03001305	17	40,439,492	9.32E-09	0.244	0.231	2.78E-13	0.121		<i>STAT5A</i>	TSS200
cg11532433	2	24,735,298	2.49E-07	0.244	0.239					
cg10447977	3	64,598,405	3.46E-07	0.244	0.272				<i>ADAMTS9</i>	Body
cg16263152	1	183,287,819	0.003722	0.244	0.265				<i>NMNAT2</i>	Body

cg17861277	5	150,385,659	7.04E-12	0.244	0.231					
cg14155416	18	6,414,330	0.001206	0.244	0.230	1.51E-13	0.158		<i>L3MBTL4</i>	5'UTR
cg11316887	10	29,924,694	0.005635	0.244	0.197				<i>SVIL</i>	TSS1500
cg16401770	7	112,739,805	3.02E-06	0.244	0.240					
cg24384918	7	43,153,950	0.000681	0.244	0.269				<i>HECW1</i>	5'UTR
cg15126544	2	171,678,954	0.004022	0.244	0.263				<i>GAD1</i>	Body
cg06967828	10	73,723,753	0.000375	0.244	0.160				<i>CHST3</i>	TSS1500
cg24516901	2	225,266,801	0.014623	0.244	0.283	1.35E-07	0.143		<i>FAM124B</i>	TSS200
cg05316463	14	95,786,663	0.001641	0.244	0.210				<i>CLMN</i>	TSS1500
cg05900140	12	6,560,162	0.046027	0.243	0.085				<i>TAPBPL</i>	TSS1500
cg08488945	3	181,422,202	0.000176	0.243	0.264				<i>SOX2OT</i>	Body
cg22336004	1	66,258,035	0.004203	0.243	0.222				<i>PDE4B</i>	TSS200
cg09940188	17	1,686,671	0.014567	0.243	0.131				<i>SMYD4</i>	Body
cg11702085	6	28,956,804	1.26E-05	0.243	0.244					
cg15808426	19	57,154,302	0.00459	0.243	0.234					
cg05374654	11	94,134,666	1.48E-05	0.243	0.180				<i>GPR83</i>	TSS200
cg06103624	15	66,998,926	4.13E-39	0.243	0.232				<i>SMAD6</i>	Body
cg18120446	4	13,531,076	0.00093	0.243	0.239					
cg00711090	19	57,018,614	0.001932	0.243	0.213				<i>ZNF471</i>	TSS1500
cg07130150	12	96,883,863	0.01411	0.243	0.059					
cg26735846	10	124,894,943	6.51E-06	0.243	0.147				<i>HMX3</i>	TSS1500
cg12926596	12	56,111,944	1.46E-12	0.243	0.252			Yes	<i>BLOC1S1</i>	Body
cg12597472	11	69,339,188	0.00044	0.243	0.218					
cg07496545	5	140,683,737	1.53E-10	0.243	0.255				<i>SLC25A2</i>	TSS200
cg08070646	12	52,616,097	1.05E-10	0.243	0.252				<i>LOC283404</i>	Body
cg11319389	20	42,544,648	1.8E-05	0.243	0.242	5.83E-11	0.134		<i>TOX2</i>	TSS200
cg15120732	6	73,330,106	0.00661	0.243	0.275				<i>KCNQ5</i>	TSS1500
cg23655651	12	20,365,720	0.004717	0.243	0.326					
cg25254074	6	41,607,326	3.28E-30	0.243	0.241				<i>MDFI</i>	Body
cg02381853	5	33,321,127	5.06E-09	0.243	0.228					
cg23542968	14	36,983,129	0.002048	0.243	0.251				<i>SFTA3</i>	TSS200
cg06368184	21	38,069,416	0.006505	0.243	0.270					
cg06878361	19	52,390,810	0.006927	0.243	0.219				<i>ZNF577</i>	Body
cg11461670	8	22,454,935	2.2E-11	0.243	0.236				<i>PDLIM2</i>	3'UTR

cg04854637	11	134,285,140	2.22E-10	0.243	0.230					
cg01172640	15	53,096,035	0.006172	0.243	0.179					
cg23033518	14	59,101,719	0.005111	0.243	0.200					
cg25436886	3	127,056,972	0.000157	0.243	0.216					
cg11813265	14	95,238,671	1.7E-06	0.243	0.243					
cg22210157	3	46,853,986	0.004068	0.243	0.258					
cg23262036	7	96,647,021	1.47E-08	0.243	0.248					
cg01794103	15	78,342,494	0.008324	0.243	0.217				<i>TBC1D2B</i>	Body
cg16255156	1	113,265,709	1.48E-23	0.243	0.227				<i>FAM19A3</i>	Body
cg07436152	6	50,819,236	0.007002	0.243	0.244					
cg24641186	6	50,804,147	0.000126	0.243	0.240				<i>TFAP2B</i>	Body
cg03730249	1	42,692,013	4.63E-19	0.243	0.233				<i>FOXJ3</i>	Body
cg15754594	2	106,184,688	6.59E-09	0.243	0.236					
cg09427605	4	146,740,968	0.021729	0.243	0.319				<i>ZNF827</i>	Body
cg09654300	3	42,132,991	7.87E-13	0.243	0.238				<i>TRAK1</i>	1stExon
cg26212328	12	46,767,665	0.000106	0.243	0.235				<i>SLC38A2</i>	TSS1500
cg03835609	5	140,753,418	0.025891	0.243	0.301				<i>PCDHGA4</i>	Body
cg00985729	6	30,712,559	0.016794	0.243	0.238				<i>IER3</i>	TSS1500
cg03762994	17	6,899,332	4.23E-06	0.243	0.192				<i>ALOX12</i>	TSS200
cg09789768	1	119,524,323	4.27E-10	0.243	0.236				<i>TBX15</i>	5'UTR
cg11524235	1	33,351,587	4.19E-08	0.243	0.210				<i>HPCA</i>	TSS1500
cg07308257	7	36,265,036	1.97E-15	0.243	0.239				<i>EEPD1</i>	Body
cg15253816	17	66,255,259	0.000269	0.243	0.252				<i>ARSG</i>	TSS200
cg08602500	7	157,996,648	7.09E-14	0.243	0.226				<i>PTPRN2</i>	Body
cg15246590	19	48,983,600	4.86E-19	0.243	0.247				<i>CYTH2</i>	3'UTR
cg22175873	5	140,801,482	6.15E-05	0.243	0.233				<i>PCDHGA4</i>	Body
cg12271487	6	109,266,451	0.000264	0.243	0.255				<i>ARMC2</i>	Body
cg21211253	5	139,168,323	1.06E-09	0.243	0.240					
cg01209635	19	3,607,269	1.28E-08	0.243	0.222				<i>TBXA2R</i>	TSS1500
cg04619882	1	109,741,037	3.64E-05	0.243	0.345				<i>KIAA1324</i>	Body
cg14819504	2	160,761,413	0.034352	0.243	0.218				<i>LY75</i>	TSS200
cg03859090	11	69,522,216	2.93E-11	0.243	0.219			Yes		
cg11173131	20	45,179,226	2.23E-14	0.243	0.240				<i>C20orf123</i>	TSS200
cg26697320	7	26,437,681	0.015932	0.243	0.151					

cg00401972	16	66,400,404	3.41E-07	0.243	0.203				<i>CDH5</i>	TSS200
cg06820621	5	92,938,232	3.98E-14	0.243	0.233					
cg06884718	6	32,191,821	4.31E-06	0.243	0.261				<i>NOTCH4</i>	1stExon
cg18394340	5	134,735,613	0.000109	0.243	0.208				<i>H2AFY</i>	TSS1500
cg14692854	2	97,198,126	9.51E-06	0.243	0.295					
cg02818811	12	75,728,458	0.022893	0.243	0.211				<i>GLIPR1L1</i>	TSS200
cg24799460	15	102,251,213	4.95E-07	0.243	0.233				<i>TARSL2</i>	Body
cg05178734	15	59,729,760	0.000468	0.243	0.247				<i>FAM81A</i>	TSS1500
cg17125585	1	68,176,471	1.64E-10	0.243	0.234				<i>GNG12</i>	5'UTR
cg23426473	7	155,255,232	0.001544	0.243	0.261				<i>EN2</i>	Body
cg13986840	7	130,132,453	3.62E-06	0.243	0.234				<i>MEST</i>	5'UTR
cg23876056	6	24,950,870	7.63E-14	0.243	0.244					
cg00044796	1	146,552,390	3.6E-06	0.243	0.250					
cg03217471	6	11,687,689	4.65E-24	0.243	0.237					
cg15473017	1	166,853,615	0.010875	0.243	0.151					
cg11718030	11	27,744,363	1.18E-05	0.243	0.254				<i>BDNF</i>	TSS1500
cg02852327	7	121,950,975	1.81E-06	0.243	0.231					
cg00765705	12	124,865,130	3.41E-16	0.243	0.237				<i>NCOR2</i>	Body
cg02967969	11	66,443,874	1.76E-16	0.243	0.255				<i>RBM4B</i>	Body
cg08671647	4	30,724,564	1.4E-07	0.243	0.241				<i>PCDH7</i>	1stExon
cg22904737	17	36,735,245	5.42E-07	0.243	0.204				<i>SRCIN1</i>	Body
cg18131141	1	36,043,002	3.47E-05	0.243	0.236				<i>TFAP2E</i>	Body
cg20320575	14	24,458,099	3.51E-19	0.243	0.231				<i>DHRS4L2</i>	5'UTR
cg05783998	6	74,295,921	0.000948	0.243	0.240					
cg18810664	10	31,074,367	0.021816	0.243	0.139					
cg26554505	3	55,516,711	0.001792	0.243	0.180				<i>WNT5A</i>	Body
cg03346415	16	69,854,895	1.5E-14	0.243	0.222				<i>WWP2</i>	Body
cg07383092	5	172,663,058	0.000157	0.243	0.237				<i>NKX2-5</i>	TSS1500
cg08660876	4	154,681,323	3.36E-05	0.243	0.220				<i>RNF175</i>	5'UTR
cg04268950	11	130,298,854	0.002113	0.243	0.254				<i>ADAMTS8</i>	TSS1500
cg08693172	19	46,526,333	0.000605	0.243	0.169				<i>PGLYRP1</i>	TSS200
cg17984022	14	105,156,566	0.002301	0.243	0.203				<i>INF2</i>	5'UTR
cg13198709	10	102,473,456	8.98E-05	0.243	0.250					
cg17311074	15	71,507,695	1.44E-14	0.243	0.219				<i>THSD4</i>	Body



cg07835844	2	45,879,684	0.045082	0.243	0.198				<i>PRKCE</i>	Body
cg16553500	1	32,169,868	0.001444	0.243	0.241				<i>COL16A1</i>	TSS200
cg19636519	7	99,541,626	1.29E-12	0.243	0.246					
cg02448922	1	21,754,947	0.002791	0.243	0.223					
cg03803008	7	70,055,327	3.95E-19	0.243	0.226				<i>AUTS2</i>	Body
cg14037728	9	116,645,936	8.04E-07	0.243	0.284				<i>ZNF618</i>	Body
cg11094122	20	35,579,338	0.023535	0.243	0.070				<i>SAMHD1</i>	Body
cg00161225	17	3,814,785	8.48E-07	0.243	0.214				<i>P2RX1</i>	Body
cg11770664	10	45,470,023	4.32E-17	0.243	0.192				<i>RASSF4</i>	Body
cg12562076	6	137,808,930	3.76E-06	0.243	0.274					
cg20873416	6	30,737,068	0.001661	0.243	0.291					
cg24539517	10	121,161,258	1.75E-06	0.243	0.205				<i>GRK5</i>	Body
cg16169604	2	131,485,486	0.000455	0.243	0.225	1.02E-14	0.113		<i>GPR148</i>	TSS1500
cg12038696	1	36,043,352	3.05E-05	0.243	0.231				<i>TFAP2E</i>	Body
cg12277495	16	66,462,184	3.49E-06	0.243	0.204				<i>BEAN</i>	5'UTR
cg13164537	18	67,624,071	2.77E-07	0.243	0.216	5.37E-16	0.182		<i>CD226</i>	5'UTR
cg17859448	1	101,703,749	0.005358	0.243	0.277				<i>S1PR1</i>	5'UTR
cg19230867	3	42,103,367	9.65E-10	0.243	0.271					
cg24447042	X	128,657,893	0.005259	0.243	0.159	8.08E-23	0.222		<i>SMARCA1</i>	TSS1500
cg24500441	15	66,274,709	0.032492	0.243	0.198				<i>MEGF11</i>	Body
cg04436554	5	172,669,976	0.000389	0.243	0.241					
cg22698177	15	49,207,945	4.65E-05	0.243	0.245				<i>SHC4</i>	Body
cg15542798	1	232,941,253	0.049813	0.243	0.178				<i>KIAA1383</i>	1stExon
cg08971771	17	48,049,979	0.00021	0.243	0.175				<i>DLX4</i>	TSS200
cg00014998	2	177,014,962	7.63E-12	0.243	0.205				<i>HOXD4</i>	TSS1500
cg00048743	5	140,782,367	0.000327	0.243	0.275				<i>PCDHGA4</i>	Body
cg11448896	1	50,889,182	0.00445	0.243	0.206				<i>DMRTA2</i>	TSS200
cg12252069	7	26,897,597	8.58E-10	0.243	0.226				<i>SKAP2</i>	Body
cg17161718	6	33,160,156	4.86E-06	0.243	0.173				<i>COL11A2</i>	5'UTR
cg07113230	1	8,277,394	0.024985	0.243	0.129					
cg09153895	17	58,179,869	0.000126	0.243	0.231				<i>LOC653653</i>	Body
cg18985133	8	39,835,730	5.48E-10	0.243	0.163				<i>IDO2</i>	Body
cg01624229	2	153,252,785	4.2E-20	0.243	0.254				<i>FMNL2</i>	Body
cg24720355	1	119,526,255	5.12E-12	0.243	0.212				<i>TBX15</i>	5'UTR

cg12379940	13	44,947,923	0.016715	0.243	0.250				<i>SERP2</i>	TSS200
cg00574563	17	35,299,270	0.002058	0.243	0.223				<i>LHX1</i>	Body
cg01880463	20	45,179,413	1.05E-11	0.243	0.236				<i>C20orf123</i>	TSS1500
cg18345219	1	43,919,084	9.22E-05	0.243	0.193				<i>HYI</i>	Body
cg22382836	19	723,036	1.4E-06	0.243	0.263				<i>PALM</i>	Body
cg27175093	14	57,265,910	0.006038	0.243	0.229					
cg19223579	10	115,370,894	0.017247	0.243	0.243				<i>NRAP</i>	Body
cg04180086	5	1,878,499	5.23E-08	0.243	0.239				<i>IRX4</i>	Body
cg08546494	2	102,867,826	0.037444	0.243	0.175					
cg20352178	15	69,099,262	8.79E-23	0.243	0.230				<i>C15orf28</i>	Body
cg00128482	8	75,737,456	0.003133	0.243	0.303				<i>PI15</i>	5'UTR
cg01192554	11	70,228,615	0.000783	0.243	0.192			Yes	<i>PPFIA1</i>	3'UTR
cg02505749	8	140,715,735	0.000876	0.243	0.303				<i>KCNK9</i>	TSS1500
cg03049691	17	27,039,032	8.09E-06	0.243	0.231				<i>PROCA1</i>	TSS200
cg26632897	17	77,030,546	1.95E-07	0.243	0.192				<i>C1QTNF1</i>	1stExon
cg00241281	14	105,779,794	5.39E-18	0.243	0.225				<i>PACS2</i>	TSS1500
cg25301767	12	49,731,393	1.6E-12	0.243	0.215				<i>C1QL4</i>	TSS1500
cg00305071	1	34,504,017	0.00176	0.243	0.231				<i>CSMD2</i>	Body
cg04958794	14	97,685,274	0.000247	0.243	0.297					
cg18952647	15	83,953,744	0.008044	0.243	0.207	3.35E-09	0.133		<i>BNC1</i>	TSS1500
cg16224951	6	31,528,154	1.66E-13	0.243	0.229					
cg01190692	12	106,976,711	0.008914	0.243	0.208				<i>RFX4</i>	TSS1500
cg02567839	1	242,612,787	3.38E-08	0.243	0.237				<i>PLD5</i>	5'UTR
cg09567511	4	6,155,914	3.78E-22	0.243	0.232				<i>JAKMIP1</i>	5'UTR
cg15251385	12	8,025,582	3.11E-07	0.243	0.238				<i>SLC2A14</i>	TSS200
cg16705744	3	27,756,039	0.003623	0.243	0.204					
cg22537474	20	10,198,659	0.000447	0.243	0.222				<i>SNAP25</i>	TSS1500
cg04561727	14	104,010,865	6.27E-08	0.243	0.251			Yes		
cg14626309	4	299,051	0.008517	0.243	0.207					
cg07812877	19	11,531,469	0.000766	0.243	0.260				<i>RGL3</i>	TSS1500
cg11201710	3	192,232,468	0.002926	0.243	0.236				<i>FGF12</i>	Body
cg11332519	12	26,348,093	9.51E-05	0.243	0.189				<i>SSPN</i>	TSS200
cg25718035	10	8,085,029	1.98E-06	0.242	0.239					
cg26102728	7	28,218,933	0.005655	0.242	0.224				<i>JAZF1</i>	Body

cg12875241	X	9,734,063	5.95E-19	0.242	0.236				<i>GPR143</i>	TSS200
cg24694743	1	32,088,013	1.73E-07	0.242	0.241				<i>HCRTR1</i>	Body
cg02432280	7	152,622,368	0.002539	0.242	0.248					
cg02940147	11	124,747,263	1E-22	0.242	0.227				<i>ROBO3</i>	Body
cg17206850	11	62,693,456	3.63E-05	0.242	0.246					
cg08315174	14	36,990,430	0.000351	0.242	0.217			Yes	<i>NKX2-1</i>	TSS1500
cg05704955	16	70,759,914	2.16E-17	0.242	0.243				<i>VAC14</i>	Body
cg13885965	6	30,712,409	0.031837	0.242	0.237				<i>IER3</i>	TSS200
cg07690127	7	2,077,293	5.06E-10	0.242	0.235				<i>MAD1L1</i>	Body
cg09904497	18	76,737,834	0.000316	0.242	0.257					
cg23165310	3	181,422,217	3.43E-06	0.242	0.231				<i>SOX2OT</i>	Body
cg24897141	5	139,283,199	0.001343	0.242	0.279				<i>NRG2</i>	Body
cg12510708	7	26,193,805	3.81E-11	0.242	0.219				<i>NFE2L3</i>	Body
cg17299899	18	76,738,478	0.023004	0.242	0.270					
cg21587238	5	42,953,590	0.0305	0.242	0.238					
cg22027433	17	62,208,049	2.96E-06	0.242	0.201				<i>ERN1</i>	TSS1500
cg22085751	6	28,921,976	0.028643	0.242	0.217					
cg23702727	17	73,642,607	5.57E-05	0.242	0.189				<i>RECQL5</i>	Body
cg23694533	17	40,806,193	0.022855	0.242	0.146					
cg17580935	3	65,583,240	6.35E-08	0.242	0.252				<i>MAGI1</i>	Body
cg21608192	16	17,563,827	0.012756	0.242	0.157	1.27E-12	0.120		<i>XYLT1</i>	Body
cg12714665	11	15,739,896	1.46E-08	0.242	0.244					
cg14916079	10	120,788,696	0.000156	0.242	0.168				<i>NANOS1</i>	TSS1500
cg26326607	11	1,976,270	5.86E-22	0.242	0.240				<i>MRPL23</i>	Body
cg04224247	X	9,984,515	0.024852	0.242	0.215				<i>WWC3</i>	5'UTR
cg22661893	11	89,224,559	0.01382	0.242	0.260				<i>NOX4</i>	1stExon
cg24685006	1	36,043,014	2.07E-05	0.242	0.237				<i>TFAP2E</i>	Body
cg14653977	9	136,038,692	5.95E-11	0.242	0.228				<i>GBGT1</i>	5'UTR
cg18185665	17	16,257,111	0.000241	0.242	0.146				<i>CENPV</i>	TSS1500
cg19513727	12	110,708,125	1.24E-07	0.242	0.191					
cg23122901	22	19,880,135	1.19E-06	0.242	0.235				<i>TXNRD2</i>	Body
cg25073700	7	157,628,207	1.4E-07	0.242	0.251				<i>PTPRN2</i>	Body
cg27564792	3	62,360,162	0.024617	0.242	0.316				<i>FEZF2</i>	TSS1500
cg04767734	2	172,958,009	0.018707	0.242	0.258					

cg05377949	3	127,951,287	8.23E-14	0.242	0.240				<i>EEFSEC</i>	Body
cg14035238	2	175,499,365	0.03454	0.242	0.210				<i>WIPF1</i>	5'UTR
cg15928347	2	64,837,018	1.64E-05	0.242	0.247					
cg20971045	5	53,075,687	0.000368	0.242	0.245					
cg04805181	15	66,914,759	0.044127	0.242	0.187					
cg12569013	8	11,549,572	0.003521	0.242	0.180					
cg16725984	16	89,735,184	1.09E-06	0.242	0.193				<i>C16orf55</i>	Body
cg24946795	12	52,115,674	0.001539	0.242	0.272				<i>SCN8A</i>	Body
cg04972759	5	180,596,634	0.004162	0.242	0.311					
cg07830160	1	159,880,327	0.000117	0.242	0.227					
cg10005224	12	54,424,964	7.42E-05	0.242	0.197				<i>HOXC4</i>	5'UTR
cg16265348	20	25,129,542	3.7E-06	0.242	0.224				<i>LOC284798</i>	TSS1500
cg11750133	10	93,647,217	0.022257	0.242	0.242					
cg06394874	19	22,235,850	0.00296	0.242	0.312				<i>ZNF257</i>	Body
cg05281603	11	111,384,124	3.68E-07	0.242	0.222				<i>BTG4</i>	TSS1500
cg06979669	11	119,835,317	0.009755	0.242	0.232					
cg03479065	3	134,124,988	1.38E-05	0.242	0.260					
cg04157138	14	58,331,898	6.04E-06	0.242	0.195					
cg09521719	2	237,416,370	0.000185	0.242	0.243				<i>IQCA1</i>	TSS1500
cg14044388	9	94,579,826	3.12E-19	0.242	0.241				<i>ROR2</i>	Body
cg03719428	12	54,376,094	6.14E-18	0.242	0.223					
cg06553841	7	120,628,572	0.001467	0.242	0.171				<i>C7orf58</i>	TSS1500
cg22581896	7	4,779,225	1E-11	0.242	0.216				<i>FOXK1</i>	Body
cg24530246	3	53,118,167	3.04E-22	0.242	0.224					
cg24838316	6	29,895,260	1.15E-07	0.242	0.191					
cg24828683	6	29,856,210	0.016475	0.242	0.221				<i>HLA-H</i>	Body
cg02614129	5	134,733,615	0.002682	0.242	0.227				<i>H2AFY</i>	5'UTR
cg20006618	4	186,652,454	6.16E-16	0.242	0.214				<i>SORBS2</i>	5'UTR
cg22258315	8	48,675,723	2.19E-06	0.242	0.177					
cg01718116	2	115,919,829	0.015748	0.242	0.328				<i>DPP10</i>	Body
cg24398450	12	109,029,099	1.08E-05	0.242	0.262				<i>SELPLG</i>	TSS1500
cg23643375	17	45,933,306	0.011495	0.242	0.225				<i>SP6</i>	TSS200
cg09092713	X	119,133,965	0.043087	0.242	0.262					
cg01574481	14	24,641,852	1.33E-17	0.242	0.231				<i>REC8</i>	Body

cg04529406	X	118,897,145	1.58E-05	0.242	0.267					
cg21274067	2	114,341,111	9.49E-05	0.242	0.158				WASH2P	TSS200
cg01022219	18	13,641,735	3.98E-16	0.242	0.224				C18orf1	Body
cg04125350	21	36,042,344	0.001156	0.242	0.221				CLIC6	1stExon
cg20910490	14	37,117,947	0.000731	0.242	0.249					
cg25910261	7	157,405,965	5.94E-10	0.242	0.230				PTPRN2	Body
cg26033466	7	96,644,782	0.034032	0.242	0.211				DLX6AS	TSS1500
cg01295392	12	108,169,569	3.43E-07	0.242	0.234				ASCL4	1stExon
cg18536148	17	59,533,844	1.19E-10	0.242	0.212	0.00879198	0.052		TBX4	5'UTR
cg00587115	7	47,621,025	2.57E-05	0.242	0.213					
cg06688989	6	41,606,869	0.012867	0.242	0.157				MDF1	Body
cg08258582	1	48,058,985	0.001789	0.242	0.182					
cg05584361	11	1,481,525	3.63E-17	0.242	0.248				BRSK2	Body
cg08560874	6	29,759,947	0.037905	0.242	0.269				HCG4	Body
cg10158541	13	37,006,265	7.57E-06	0.242	0.206				CCNA1	1stExon
cg16304656	7	641,337	2.76E-06	0.242	0.242				PRKAR1B	Body
cg11357670	13	114,143,948	0.003249	0.242	0.160				DCUN1D2	Body
cg27348266	14	104,583,972	4.43E-09	0.242	0.193					
cg27358469	18	55,107,176	0.000661	0.242	0.284				ONECUT2	Body
cg04406436	1	38,942,313	0.012933	0.242	0.257					
cg06549607	13	110,440,352	0.001822	0.242	0.170				IRS2	TSS1500
cg17918501	2	27,717,709	0.022276	0.242	0.132	3.17E-12	0.106		FNDC4	5'UTR
cg07709148	8	29,387,238	0.000313	0.242	0.213					
cg07823492	17	46,608,099	6.57E-09	0.242	0.245				HOXB1	1stExon
cg07941927	13	100,644,041	0.011348	0.242	0.238					
cg20092892	12	52,258,077	0.006017	0.242	0.260					
cg23981871	2	177,028,714	0.00587	0.242	0.238				HOXD3	TSS200
cg26279550	12	66,582,805	0.03876	0.242	0.159				IRAK3	TSS200
cg00849692	6	99,295,724	6.11E-06	0.242	0.168					
cg07355189	10	45,923,374	2.39E-11	0.242	0.256				ALOX5	Body
cg00463767	2	63,282,043	1.76E-06	0.242	0.241				OTX1	Body
cg03483632	11	35,639,276	3.66E-11	0.242	0.213				FJX1	TSS1500
cg14480446	5	87,989,154	0.045812	0.242	0.249					
cg01106572	7	150,744,384	9.96E-29	0.242	0.231				ACCN3	TSS1500

cg04234474	10	119,312,950	7.43E-07	0.242	0.239					
cg14658867	20	443,632	0.001282	0.242	0.286				<i>TBC1D20</i>	TSS1500
cg26661034	1	18,957,335	0.026355	0.242	0.291				<i>PAX7</i>	TSS200
cg00646019	15	29,034,163	0.000992	0.242	0.263					
cg08884571	19	45,901,453	0.000377	0.242	0.262				<i>PPP1R13L</i>	Body
cg11920122	18	11,751,556	5.52E-07	0.242	0.236				<i>GNAL</i>	TSS200
cg19233001	1	201,346,876	0.004686	0.242	0.288				<i>TNNT2</i>	TSS200
cg06285727	11	72,524,028	4.58E-12	0.242	0.231				<i>ATG16L2</i>	TSS1500
cg21252909	X	30,326,328	0.000184	0.242	0.292				<i>NROB1</i>	1stExon
cg24041541	8	77,586,395	0.002506	0.242	0.288				<i>LOC100192378</i>	Body
cg03239178	12	103,358,881	0.005342	0.242	0.269					
cg04893741	8	142,692,382	0.002084	0.242	0.284					
cg20491991	1	167,683,013	1.98E-06	0.242	0.243					
cg22337605	1	12,227,417	0.008642	0.242	0.217				<i>TNFRSF1B</i>	Body
cg21350860	2	173,080,153	4.41E-05	0.242	0.203					
cg15681626	11	64,739,253	0.020296	0.242	0.209					
cg19700787	6	3,997,547	2.1E-11	0.242	0.236					
cg18099096	4	23,936,764	0.000792	0.242	0.265					
cg14900471	8	11,561,620	0.002556	0.242	0.265				<i>GATA4</i>	TSS200
cg08481464	10	77,871,618	4.06E-13	0.242	0.218				<i>C10orf11</i>	Body
cg24475782	1	119,530,932	0.029984	0.242	0.208				<i>TBX15</i>	5'UTR
cg01956614	15	62,838,506	4.81E-11	0.242	0.245					
cg10513852	12	81,109,337	1.25E-10	0.242	0.231				<i>MYF5</i>	TSS1500
cg23341085	2	149,063,092	0.000207	0.242	0.193					
cg20415053	1	26,527,928	4.41E-05	0.242	0.243				<i>CATSPER4</i>	Body
cg23072383	22	31,031,044	9.94E-05	0.242	0.236				<i>SLC35E4</i>	TSS1500
cg26185508	1	54,619,445	9.71E-14	0.242	0.185				<i>CDCP2</i>	TSS200
cg00970313	14	37,125,914	5.39E-05	0.242	0.260				<i>PAX9</i>	TSS1500
cg06085204	17	6,659,164	1.45E-05	0.242	0.196				<i>XAF1</i>	5'UTR
cg11008243	6	73,331,238	0.023863	0.242	0.319				<i>KCNQ5</i>	TSS1500
cg08536841	19	49,250,452	3.96E-07	0.242	0.239	2.61E-13	0.164		<i>IZUMO1</i>	TSS1500
cg19808620	1	153,514,442	0.001725	0.242	0.260				<i>S100A5</i>	TSS1500
cg10881071	1	24,612,045	0.000277	0.242	0.225			Yes		
cg12368542	13	50,570,250	0.00802	0.242	0.115				<i>TRIM13</i>	TSS1500

cg26575738	17	44,896,168	5.71E-05	0.242	0.277				WNT3	TSS200
cg07458308	5	134,827,512	0.000943	0.242	0.184					
cg12892303	17	42,733,592	0.006051	0.242	0.263				C17orf104	TSS200
cg25027832	2	176,948,544	2.14E-05	0.242	0.235				EVX2	5'UTR
cg06535308	11	17,497,693	2.73E-06	0.242	0.226				ABCC8	Body
cg09853936	1	3,388,196	8.82E-15	0.242	0.236				ARHGEF16	Body
cg25813936	9	36,276,879	5.34E-08	0.242	0.249				GNE	Body
cg01408010	3	150,102,779	3.96E-06	0.242	0.232					
cg12463851	2	237,477,186	0.001814	0.242	0.138				CXCR7	TSS1500
cg10424417	5	87,989,191	0.00055	0.242	0.258					
cg22370057	6	12,957,918	0.001363	0.242	0.216				PHACTR1	Body
cg10814005	14	91,711,041	2.32E-05	0.242	0.209				GPR68	5'UTR
cg24889694	8	101,522,535	0.004793	0.242	0.127					
cg26487157	2	70,313,295	0.039708	0.242	0.271				PCBP1	TSS1500
cg26057751	2	87,016,259	6.41E-09	0.242	0.237				CD8A	Body
cg08875705	12	6,665,330	0.00026	0.242	0.243				IFFO1	TSS200
cg00328965	X	129,243,062	2.38E-09	0.242	0.229				ELF4	5'UTR
cg27203560	3	193,629,645	3.76E-09	0.242	0.241					
cg00821400	14	55,895,678	4.46E-12	0.242	0.254				TBPL2	Body
cg25578028	17	7,905,704	1.77E-06	0.242	0.244				GUCY2D	TSS1500
cg03744440	17	73,584,108	2.68E-05	0.242	0.235				MYO15B	TSS200
cg07870999	7	155,260,895	9.3E-05	0.242	0.192					
cg07098902	2	17,720,407	0.015439	0.242	0.240				VSNL1	TSS1500
cg27470373	2	64,836,764	0.000357	0.242	0.255					
cg01782024	1	91,989,267	6.98E-05	0.242	0.249				CDC7	Body
cg04961582	14	95,239,464	8.98E-07	0.241	0.238					
cg12877039	5	140,857,192	1.16E-06	0.241	0.207				PCDHGA4	Body
cg18257810	3	54,121,929	0.005805	0.241	0.309					
cg23847381	18	5,544,031	0.039282	0.241	0.350				EPB41L3	TSS200
cg05812089	11	19,736,648	6.99E-05	0.241	0.203				LOC100126784	TSS1500
cg13732857	2	45,029,729	0.014287	0.241	0.195					
cg19031085	5	135,228,288	2.24E-14	0.241	0.243				IL9	Body
cg21163960	11	35,441,777	1.44E-05	0.241	0.251				SLC1A2	TSS1500
cg04506114	1	179,322,762	2.94E-14	0.241	0.236				SOAT1	Body

cg13072717	3	186,743,989	5.24E-05	0.241	0.190				<i>ST6GAL1</i>	5'UTR
cg16820186	11	17,373,103	0.035442	0.241	0.043				<i>DKFZp686O24166</i>	TSS1500
cg13416381	17	46,090,231	3.64E-09	0.241	0.200					
cg04902729	1	181,452,707	0.004991	0.241	0.234				<i>CACNA1E</i>	TSS200
cg06772309	1	17,571,896	3.3E-07	0.241	0.225				<i>PADI1</i>	3'UTR
cg11155356	8	134,114,892	3.53E-12	0.241	0.220				<i>TG</i>	Body
cg06583412	X	102,001,318	0.029872	0.241	0.096				<i>BHLHB9</i>	5'UTR
cg05965392	8	53,478,624	0.016586	0.241	0.210				<i>FAM150A</i>	TSS1500
cg15802091	14	65,009,101	0.000127	0.241	0.231				<i>HSPA2</i>	1stExon
cg01710189	8	22,454,888	2.67E-09	0.241	0.241				<i>PDLIM2</i>	3'UTR
cg25020286	1	18,956,947	2.25E-05	0.241	0.218				<i>PAX7</i>	TSS1500
cg02017534	13	46,425,999	0.001603	0.241	0.206				<i>SIAH3</i>	TSS200
cg02516134	7	134,575,187	5.5E-09	0.241	0.269				<i>CALD1</i>	TSS1500
cg24848035	8	101,118,525	8.78E-06	0.241	0.286				<i>RGS22</i>	TSS200
cg04308769	1	200,007,623	1.12E-08	0.241	0.218				<i>NR5A2</i>	Body
cg08000684	19	11,530,025	0.000857	0.241	0.229				<i>RGL3</i>	TSS200
cg24416660	17	73,865,998	4.98E-21	0.241	0.244					
cg10002860	11	1,482,176	0.000164	0.241	0.244				<i>BRSK2</i>	Body
cg27423669	13	97,766,320	4.32E-07	0.241	0.205					
cg23415995	4	128,704,651	0.015759	0.241	0.258				<i>HSPA4L</i>	Body
cg01804925	6	27,107,588	7.23E-06	0.241	0.257				<i>HIST1H2BK</i>	3'UTR
cg09872737	6	32,076,270	1.37E-06	0.241	0.268				<i>TNXB</i>	5'UTR
cg14727777	4	140,201,652	2.82E-05	0.241	0.212				<i>C4orf49</i>	TSS200
cg17920936	9	94,710,553	1.49E-06	0.241	0.191				<i>ROR2</i>	Body
cg03526459	1	146,549,940	1.38E-10	0.241	0.254					
cg23490638	6	28,557,467	0.001063	0.241	0.194					
cg26187308	8	70,947,440	0.000108	0.241	0.224					
cg01294808	5	3,599,686	5.15E-14	0.241	0.224				<i>IRX1</i>	Body
cg08624472	7	98,971,852	0.007726	0.241	0.191				<i>ARPC1B</i>	TSS1500
cg08044097	8	55,371,013	5.01E-05	0.241	0.320				<i>SOX17</i>	Body
cg09832911	10	45,923,678	2.99E-09	0.241	0.254				<i>ALOX5</i>	Body
cg00752099	4	94,748,619	5.71E-07	0.241	0.241				<i>ATOH1</i>	TSS1500
cg04937144	17	46,832,631	3.26E-06	0.241	0.233					
cg13521842	14	101,036,202	1.13E-08	0.241	0.233				<i>BEGAIN</i>	TSS200



cg19995654	12	66,628,777	0.000431	0.241	0.209				<i>IRAK3</i>	Body
cg04027328	1	11,372,138	1.3E-15	0.241	0.216					
cg04365481	1	17,086,061	1.96E-05	0.241	0.209				<i>MST1P9</i>	Body
cg14397893	2	23,777,302	3.9E-15	0.241	0.226				<i>KLHL29</i>	5'UTR
cg06445944	5	67,586,928	0.01906	0.241	0.139				<i>PIK3R1</i>	Body
cg09808235	1	2,542,588	0.000304	0.241	0.215				<i>MMEL1</i>	Body
cg24158160	1	151,693,222	1.19E-05	0.241	0.208				<i>C1orf230</i>	TSS1500
cg13943217	9	133,542,125	0.029291	0.241	0.233				<i>PRDM12</i>	Body
cg16086559	15	96,911,531	0.002581	0.241	0.216					
cg10427430	11	12,783,675	4.59E-13	0.241	0.221				<i>TEAD1</i>	5'UTR
cg11384924	6	33,160,224	4.41E-06	0.241	0.241				<i>COL11A2</i>	5'UTR
cg17817168	12	22,486,454	3.64E-05	0.241	0.216				<i>ST8SIA1</i>	Body
cg23462514	4	1,107,585	0.048379	0.241	0.158				<i>RNF212</i>	TSS200
cg26595520	7	127,671,033	0.011484	0.241	0.174				<i>LRRC4</i>	TSS200
cg13233461	12	54,350,209	0.023056	0.241	0.229				<i>HOXC12</i>	Body
cg19657174	22	19,746,268	2.55E-07	0.241	0.230				<i>TBX1</i>	5'UTR
cg24955592	6	26,271,227	4.4E-05	0.241	0.248				<i>HIST1H3G</i>	1stExon
cg12198334	11	70,692,032	1.54E-05	0.241	0.210			Yes	<i>SHANK2</i>	Body
cg08969855	16	23,417,536	1.47E-30	0.241	0.240				<i>COG7</i>	Body
cg23004527	19	3,390,353	8.61E-08	0.241	0.232				<i>NFIC</i>	Body
cg18038207	12	80,581,062	0.000288	0.241	0.246					
cg26590744	2	177,017,389	3.22E-05	0.241	0.205				<i>HOXD4</i>	Body
cg02874569	6	5,851,436	0.01556	0.241	0.086					
cg12244647	22	50,737,978	5.25E-17	0.241	0.260				<i>PLXNB2</i>	5'UTR
cg16257051	5	153,862,183	0.027635	0.241	0.304					
cg10231675	12	2,944,493	2.14E-07	0.241	0.171				<i>NRIP2</i>	TSS1500
cg12593812	3	51,990,638	0.00267	0.241	0.242				<i>GPR62</i>	1stExon
cg18297736	4	85,416,865	0.015396	0.241	0.291				<i>NKX6-1</i>	Body
cg01315572	10	116,391,550	1.7E-07	0.241	0.246				<i>ABLIM1</i>	Body
cg04025964	1	200,010,788	0.010833	0.241	0.290				<i>NR5A2</i>	Body
cg21529533	6	29,796,015	0.010522	0.241	0.271	9.29E-13	0.203		<i>HLA-G</i>	Body
cg12856183	15	89,953,033	1.42E-05	0.241	0.217					
cg22431992	8	30,244,571	0.002423	0.241	0.214				<i>RBPMS</i>	Body
cg18797653	5	135,416,613	0.002607	0.241	0.237				<i>MIR886</i>	TSS1500

cg08347042	19	45,579,378	0.021848	0.241	0.271				ZNF296	1stExon
cg06549238	11	93,277,161	2.03E-05	0.241	0.185			Yes	C11orf75	TSS1500
cg12710899	14	57,261,702	0.015235	0.241	0.238					
cg03945800	16	4,165,515	2.62E-08	0.241	0.197	1.43E-23	0.219		ADCY9	5'UTR
cg01115857	14	73,695,018	1.41E-07	0.241	0.230					
cg12350474	17	46,578,476	2.24E-17	0.241	0.216					
cg15617155	1	63,785,321	0.012664	0.241	0.308					
cg15921876	3	133,393,656	0.000443	0.241	0.217					
cg00674004	10	101,280,750	4.09E-06	0.241	0.247					
cg04508701	6	137,813,878	8.02E-05	0.241	0.218				OLIG3	1stExon
cg25986200	2	131,010,423	1.43E-07	0.241	0.203					
cg14261272	2	127,976,400	0.010911	0.241	0.322					
cg00351472	9	97,846,551	2.54E-12	0.241	0.234				MIR23B	TSS1500
cg00636527	5	176,859,356	1.11E-08	0.241	0.225				GRK6	Body
cg20154618	19	4,153,677	0.005638	0.241	0.255				CREB3L3	1stExon
cg25409809	15	22,920,168	6.32E-10	0.241	0.212				CYFIP1	5'UTR
cg01288372	2	209,271,383	0.020236	0.241	0.228				PTH2R	TSS200
cg03957109	15	60,654,693	0.000124	0.241	0.218				ANXA2	Body
cg03801871	2	30,453,395	4.68E-06	0.241	0.231				LBH	TSS1500
cg09797337	13	112,709,538	0.001352	0.241	0.247					
cg10501360	10	49,671,665	1.11E-13	0.241	0.228				ARHGAP22	Body
cg14260169	10	72,344,881	1.84E-05	0.241	0.266					
cg20457051	6	47,668,044	1.76E-07	0.241	0.251				GPR115	5'UTR
cg11192416	1	231,296,968	0.002401	0.241	0.260					
cg15664152	7	129,008,407	2.32E-09	0.241	0.240				AHCYL2	Body
cg22328396	4	6,116,698	6.11E-06	0.241	0.219				JAKMIP1	5'UTR
cg03167763	1	20,512,397	2.21E-07	0.241	0.211	2.33E-09	0.114		UBXN10	TSS200
cg06570476	19	33,764,439	4.37E-10	0.241	0.228					
cg15833843	17	53,341,243	0.000188	0.241	0.224				HLF	TSS1500
cg23662097	3	4,873,008	3.67E-06	0.241	0.202				ITPR1	Body
cg12308279	11	8,731,033	1.15E-14	0.241	0.224				ST5	Body
cg22750254	10	13,043,421	0.025356	0.241	0.288	1.28E-19	0.245		CCDC3	1stExon
cg06245037	11	44,332,938	0.018835	0.241	0.279				ALX4	TSS1500
cg01452847	17	46,711,341	0.000655	0.241	0.167				MIR196A1	TSS1500

cg01981252	6	150,286,646	0.00642	0.241	0.216				<i>ULBP1</i>	Body
cg05782445	2	26,915,207	8.98E-05	0.241	0.170				<i>KCNK3</i>	TSS1500
cg20038493	14	24,809,226	2.52E-05	0.241	0.206				<i>RIPK3</i>	5'UTR
cg04922681	13	43,149,234	0.030579	0.241	0.316				<i>TNFSF11</i>	Body
cg06533244	6	27,258,460	0.032716	0.241	0.267					
cg12904904	5	155,754,151	0.001547	0.241	0.199				<i>SGCD</i>	1stExon
cg18454863	9	70,972,325	1.9E-07	0.241	0.242				<i>LOC572558</i>	Body
cg07271302	6	114,177,535	0.012241	0.241	0.190				<i>MARCKS</i>	TSS1500
cg18596947	14	94,393,816	4.39E-09	0.241	0.244				<i>FAM181A</i>	Body
cg14923652	18	12,277,384	0.000163	0.241	0.253				<i>CIDEA</i>	3'UTR
cg00528902	8	9,760,528	0.00053	0.241	0.226				<i>LOC157627</i>	Body
cg05609218	10	15,760,947	5.83E-05	0.241	0.229			Yes	<i>ITGA8</i>	Body
cg09313482	8	120,685,317	4.93E-06	0.241	0.279					
cg00398130	8	80,525,764	0.014117	0.241	0.201				<i>STMN2</i>	Body
cg05260469	8	62,621,327	3.91E-07	0.241	0.253				<i>ASPH</i>	Body
cg13952840	9	136,114,300	0.001268	0.241	0.232					
cg17301223	8	145,106,438	2.05E-05	0.241	0.259				<i>OPLAH</i>	Body
cg23424043	7	138,795,004	3.76E-08	0.241	0.185				<i>ZC3HAV1</i>	TSS1500
cg08867471	5	56,738,244	2.12E-17	0.241	0.210					
cg16634404	6	33,161,438	2.59E-19	0.241	0.226				<i>COL11A2</i>	TSS1500
cg21897034	3	38,567,652	2.22E-05	0.241	0.286				<i>EXOG</i>	3'UTR
cg23705098	7	1,289,853	4.24E-07	0.241	0.215					
cg24759821	12	103,311,462	0.006656	0.241	0.092	7.17E-13	0.175		<i>PAH</i>	TSS200
cg25911551	4	144,266,241	3.68E-10	0.241	0.258				<i>GAB1</i>	Body
cg00517532	6	3,232,025	0.036545	0.241	0.198					
cg12891160	2	119,916,686	0.00313	0.241	0.252				<i>C1QL2</i>	TSS1500
cg22374525	1	116,370,764	1.11E-08	0.241	0.225					
cg25718383	7	130,020,096	4.21E-06	0.241	0.273				<i>CPA1</i>	TSS200
cg16754364	16	29,677,969	0.018687	0.241	0.266				<i>SPN</i>	3'UTR
cg01402735	1	79,472,558	3.48E-06	0.241	0.213				<i>ELTD1</i>	TSS200
cg12110327	10	38,264,581	3.24E-07	0.241	0.193				<i>ZNF25</i>	5'UTR
cg15469272	1	91,189,314	0.009297	0.241	0.271					
cg21692450	1	46,940,325	1.49E-08	0.241	0.222					
cg26740494	1	1,567,131	1.71E-11	0.241	0.238				<i>MMP23A</i>	TSS1500

cg08605656	X	73,642,885	4.71E-22	0.241	0.234				<i>SLC16A2</i>	Body
cg18026631	8	23,584,746	0.001069	0.241	0.206					
cg16470716	6	28,956,719	9.09E-07	0.241	0.226					
cg22489510	2	8,675,599	1.31E-14	0.241	0.226					
cg18424072	20	39,656,880	0.002574	0.240	0.185				<i>TOP1</i>	TSS1500
cg26889659	6	684,090	1.22E-13	0.240	0.235				<i>EXOC2</i>	5'UTR
cg13031251	5	77,268,734	0.009309	0.240	0.221					
cg05370101	2	43,188,839	8.31E-06	0.240	0.263					
cg05758861	8	143,580,823	0.026165	0.240	0.362				<i>BAI1</i>	Body
cg22244192	6	33,943,837	1.15E-06	0.240	0.229					
cg05266321	3	46,401,927	1.19E-07	0.240	0.178				<i>CCR2</i>	3'UTR
cg07441518	11	31,846,849	4.47E-05	0.240	0.269					
cg15999311	14	65,749,247	2.42E-08	0.240	0.244					
cg20256245	22	29,877,285	0.000322	0.240	0.232				<i>NEFH</i>	Body
cg00133857	17	15,317,624	2.05E-20	0.240	0.216					
cg14651446	6	28,574,571	0.012284	0.240	0.288					
cg04922566	3	57,198,244	5.56E-10	0.240	0.222				<i>IL17RD</i>	Body
cg17387577	12	124,864,657	2.77E-16	0.240	0.274				<i>NCOR2</i>	Body
cg19238380	1	156,093,948	8.38E-12	0.240	0.282				<i>LMNA</i>	Body
cg25493589	3	42,307,193	2.13E-08	0.240	0.252				<i>CCK</i>	TSS1500
cg01821923	5	134,914,371	5.48E-05	0.240	0.220				<i>CXCL14</i>	Body
cg05778494	1	155,165,346	3.74E-05	0.240	0.141					
cg07007118	2	237,477,262	0.001127	0.240	0.133				<i>CXCR7</i>	TSS1500
cg10095777	6	31,734,292	2.29E-06	0.240	0.231				<i>C6orf27</i>	Body
cg11212451	5	173,198,508	0.004497	0.240	0.170					
cg11353598	15	70,740,451	7.18E-14	0.240	0.225					
cg11980129	3	79,815,639	0.000268	0.240	0.189				<i>ROBO1</i>	5'UTR
cg01724917	16	17,563,028	6.01E-14	0.240	0.238				<i>XYLT1</i>	Body
cg06902607	1	247,511,400	7.04E-08	0.240	0.191					
cg15321401	6	166,884,430	9.76E-14	0.240	0.208				<i>RPS6KA2</i>	Body
cg19597529	3	122,399,230	2.48E-06	0.240	0.166				<i>PARP14</i>	TSS1500
cg01843768	7	2,078,650	1.4E-16	0.240	0.201				<i>MAD1L1</i>	Body
cg17793776	5	77,140,381	2.57E-05	0.240	0.207					
cg00538458	16	22,959,868	0.005077	0.240	0.238					

cg19940644	1	12,112,386	0.002231	0.240	0.280						
cg22345878	12	6,234,313	4.55E-08	0.240	0.264					VWF	TSS1500
cg04924185	16	56,710,098	3.24E-05	0.240	0.231					MT1IP	Body
cg19865237	14	104,690,244	3.44E-17	0.240	0.244						
cg03543600	17	4,614,422	0.003503	0.240	0.099					ARRB2	Body
cg01494551	6	28,367,070	0.001164	0.240	0.234					ZSCAN12	Body
cg02392179	10	106,400,114	1.23E-05	0.240	0.256					SORCS3	TSS1500
cg07601320	12	47,219,841	0.000537	0.240	0.159	1.52E-20	0.197			SLC38A4	TSS200
cg20474425	12	54,746,067	1.88E-19	0.240	0.243						
cg16165748	11	65,030,448	0.000229	0.240	0.212					POLA2	Body
cg21521518	4	53,727,714	0.000194	0.240	0.152					RASL11B	TSS1500
cg04711852	14	37,126,283	0.001465	0.240	0.232				Yes	PAX9	TSS1500
cg05876917	17	35,014,676	0.002306	0.240	0.195						
cg16589830	1	212,284,214	0.000167	0.240	0.233						
cg01366595	5	42,952,307	9.49E-05	0.240	0.220						
cg14345676	5	175,109,098	0.003743	0.240	0.236					HRH2	5'UTR
cg14843868	1	53,791,688	0.003125	0.240	0.137					LRP8	Body
cg18103394	X	47,433,374	0.001347	0.240	0.289					SYN1	Body
cg27499185	19	6,138,355	2.19E-09	0.240	0.247					ACSBG2	5'UTR
cg00815214	21	47,717,953	7.72E-10	0.240	0.220						
cg20125091	1	92,952,641	1.38E-05	0.240	0.223	2.05E-20	0.152			GFI1	TSS1500
cg22047703	20	55,841,896	0.019377	0.240	0.121					BMP7	TSS200
cg00730441	17	59,483,863	1.6E-13	0.240	0.241					TBX2	Body
cg13322252	1	15,392,793	1.75E-11	0.240	0.243					KIAA1026	Body
cg14966782	2	109,812,089	3.96E-14	0.240	0.243					SH3RF3	Body
cg03983213	7	157,475,737	0.00013	0.240	0.211					PTPRN2	Body
cg09802066	4	183,063,534	9.03E-07	0.240	0.244					MGC45800	Body
cg11317690	4	6,347,280	5.02E-12	0.240	0.249					PPP2R2C	Body
cg12733607	10	21,813,501	1.22E-07	0.240	0.272					C10orf140	5'UTR
cg27138223	2	109,561,317	1.67E-14	0.240	0.202					EDAR	5'UTR
cg01353903	X	99,662,650	1.25E-06	0.240	0.227					PCDH19	1stExon
cg05238069	17	16,257,135	0.000224	0.240	0.153					CENPV	TSS1500
cg05650674	16	68,677,997	2.01E-14	0.240	0.215					CDH3	TSS200
cg09674468	1	234,300,299	3.61E-05	0.240	0.280					SLC35F3	Body

cg10393598	6	87,862,264	0.014717	0.240	0.184					
cg26467528	6	31,632,248	6.12E-07	0.240	0.254				BAT4	Body
cg20836412	8	82,543,285	0.000143	0.240	0.223					
cg07097722	20	43,247,325	2.66E-08	0.240	0.256				PKIG	3'UTR
cg25105745	1	110,141,275	1.44E-12	0.240	0.249				MIR197	TSS1500
cg25988710	X	72,667,379	0.000631	0.240	0.227				CDX4	1stExon
cg06321998	6	27,173,991	0.042281	0.240	0.282					
cg13277939	14	39,735,211	0.000495	0.240	0.277	1.2E-12	0.177		CTAGE5	TSS1500
cg15630458	8	142,986,649	0.001036	0.240	0.179					
cg19593949	1	205,312,444	1.85E-09	0.240	0.183				KLHDC8A	Body
cg17881600	6	17,012,979	0.005905	0.240	0.105					
cg19869746	6	7,107,108	0.005999	0.240	0.139				RREB1	TSS1500
cg08193322	2	74,730,586	0.032739	0.240	0.328				LOC151534	Body
cg03220124	17	54,756,137	4.76E-08	0.240	0.223					
cg22047977	17	62,962,070	0.000344	0.240	0.265					
cg04344565	8	140,715,646	0.008549	0.240	0.278				KCNK9	TSS1500
cg07160746	20	43,726,765	9.5E-08	0.240	0.292				KCNS1	Body
cg11895696	7	105,283,982	1.78E-12	0.240	0.227				ATXN7L1	Body
cg05949903	16	21,831,636	0.048008	0.240	0.088				RRN3P1	TSS1500
cg24886267	5	167,956,306	0.041162	0.240	0.164				FBLL1	TSS1500
cg01636582	11	844,593	7.5E-12	0.240	0.215				TSPAN4	5'UTR
cg13071386	3	37,494,403	3.4E-16	0.240	0.219				ITGA9	Body
cg06202276	4	154,713,333	0.011319	0.240	0.248					
cg18268547	17	79,615,552	0.001861	0.240	0.249				TSPAN10	3'UTR
cg27426835	2	19,963,298	8.22E-07	0.240	0.213					
cg27060391	19	42,416,708	0.001996	0.240	0.319					
cg07537370	2	27,531,124	2.7E-07	0.240	0.213				UCN	5'UTR
cg15107368	15	68,260,709	0.01065	0.240	0.056					
cg17786642	1	54,203,678	0.000878	0.240	0.184					
cg10671510	11	15,494,161	1.43E-05	0.240	0.266					
cg03157027	8	99,959,723	2.27E-05	0.240	0.265				OSR2	5'UTR
cg05360714	17	75,543,046	2.54E-09	0.240	0.238					
cg09028204	20	43,729,808	5.1E-07	0.240	0.226				KCNS1	TSS200
cg14606431	2	71,126,505	1.8E-06	0.240	0.226				VAX2	TSS1500

cg14719959	8	61,777,711	1.39E-07	0.240	0.230				<i>CHD7</i>	Body
cg18866599	2	208,635,723	2.83E-05	0.240	0.242					
cg24514391	1	20,518,904	1.5E-12	0.240	0.238				<i>UBXN10</i>	3'UTR
cg24673771	2	45,180,267	0.000645	0.240	0.218					
cg10128164	14	31,344,535	0.007949	0.240	0.307	8.47E-08	0.145		<i>COCH</i>	Body
cg08812555	10	54,074,788	0.029034	0.240	0.138				<i>DKK1</i>	Body
cg06346335	1	76,489,892	2.33E-22	0.240	0.207					
cg10862567	17	80,745,169	7.29E-08	0.240	0.241				<i>TBCD</i>	Body
cg14485633	9	136,783,440	9.61E-18	0.240	0.243				<i>VAV2</i>	Body
cg21356535	6	137,311,287	0.046207	0.240	0.127				<i>NHEG1</i>	Body
cg01435109	1	23,496,648	5.6E-11	0.240	0.224				<i>LUZP1</i>	TSS1500
cg20050484	3	123,339,334	3.01E-11	0.240	0.229				<i>MYLK</i>	1stExon
cg00044665	16	66,400,411	4.33E-07	0.240	0.187				<i>CDH5</i>	TSS200
cg06153925	17	78,755,379	1.99E-44	0.240	0.236				<i>RPTOR</i>	Body
cg14038058	4	165,898,848	2.91E-08	0.240	0.232				<i>TRIM61</i>	TSS200
cg21481275	13	100,639,669	0.002179	0.240	0.277					
cg22367310	2	241,856,114	9.1E-05	0.240	0.231					
cg00088797	3	12,976,288	3.25E-06	0.240	0.227				<i>IQSEC1</i>	Body
cg00339913	8	22,085,227	6.72E-06	0.240	0.203				<i>PHYHIP</i>	Body
cg08622757	7	156,799,393	4.12E-05	0.240	0.223				<i>MNX1</i>	Body
cg19433697	15	60,294,787	0.005469	0.240	0.283					
cg14956197	14	36,993,831	0.009384	0.240	0.355					
cg15198000	4	75,230,839	0.010523	0.240	0.271				<i>EREG</i>	TSS200
cg05276469	17	16,570,473	0.004052	0.240	0.232					
cg08180070	2	109,647,958	0.000252	0.240	0.201					
cg10505580	1	32,238,660	3.42E-08	0.240	0.247					
cg23726526	9	96,711,316	0.034648	0.240	0.334					
cg20784768	1	234,041,456	7.71E-06	0.240	0.215				<i>SLC35F3</i>	Body
cg11283429	13	28,549,574	6.7E-05	0.240	0.246					
cg00998451	13	100,608,123	5.05E-05	0.240	0.227					
cg06902071	5	134,879,326	0.000236	0.240	0.243					
cg07913197	2	200,334,901	0.000962	0.240	0.263				<i>FLJ32063</i>	Body
cg12885751	13	100,085,073	1.45E-05	0.240	0.215					
cg16318349	1	154,917,307	7.51E-18	0.240	0.237				<i>PBXIP1</i>	3'UTR

cg02366262	11	121,297,716	8.87E-07	0.240	0.232					
cg01979888	12	6,665,424	9.99E-05	0.240	0.218				<i>IFFO1</i>	TSS200
cg04935109	3	187,086,530	0.000274	0.240	0.149				<i>RTP4</i>	Body
cg07301795	5	157,001,698	0.000448	0.240	0.262				<i>ADAM19</i>	Body
cg26007189	5	176,166,980	1.87E-06	0.240	0.243					
cg03322338	11	1,403,751	0.000357	0.240	0.309					
cg04945457	16	56,894,587	7.93E-07	0.240	0.261					
cg07540652	8	81,805,956	3.01E-06	0.240	0.195					
cg21160842	11	32,112,091	2.55E-07	0.240	0.219				<i>RCN1</i>	TSS1500
cg04657325	4	185,435,601	0.000745	0.240	0.216					
cg19386336	X	100,546,064	0.001255	0.240	0.197				<i>TAF7L</i>	Body
cg21618017	12	124,016,861	0.000121	0.240	0.217				<i>RILPL1</i>	Body
cg13426351	9	132,956,279	3.34E-12	0.240	0.229				<i>FREQ</i>	Body
cg00162231	3	11,035,357	0.022689	0.240	0.261				<i>SLC6A1</i>	5'UTR
cg20954971	21	44,593,642	0.005743	0.240	0.265					
cg23205629	8	33,421,410	1.05E-14	0.240	0.231				<i>RNF122</i>	Body
cg10060574	6	30,712,338	0.002096	0.240	0.221				<i>IER3</i>	TSS200
cg08509172	19	19,383,838	0.006462	0.240	0.127				<i>TM6SF2</i>	Body
cg02994349	1	66,999,753	0.004167	0.240	0.212				<i>SGIP1</i>	TSS200
cg03731303	3	181,443,009	2.51E-06	0.240	0.220				<i>SOX2OT</i>	Body
cg05191175	5	134,827,218	0.000851	0.240	0.167					
cg18956933	3	147,136,904	0.009926	0.240	0.281					
cg08791347	10	13,831,250	7.78E-07	0.240	0.257				<i>FRMD4A</i>	Body
cg12798118	17	15,166,031	0.033336	0.240	0.161				<i>PMP22</i>	TSS200
cg02180498	6	31,830,572	0.044954	0.240	0.229				<i>NEU1</i>	5'UTR
cg02278646	12	45,608,691	9.54E-13	0.240	0.230				<i>ANO6</i>	TSS1500
cg17910813	19	47,923,387	4.67E-05	0.240	0.266				<i>MEIS3</i>	TSS1500
cg19717773	7	2,847,554	0.004046	0.240	0.140				<i>GNA12</i>	Body
cg01413582	6	30,652,688	8.03E-05	0.240	0.232				<i>KIAA1949</i>	Body
cg04207385	6	88,877,064	0.000139	0.240	0.266				<i>CNR1</i>	TSS1500
cg06606386	19	13,947,469	2.32E-08	0.240	0.236				<i>MIR27A</i>	TSS200
cg11731221	6	30,418,508	1.97E-05	0.240	0.272					
cg18406255	2	144,995,067	0.000954	0.240	0.235				<i>GTDC1</i>	5'UTR
cg15355388	11	57,004,919	8.27E-06	0.240	0.273				<i>APLNR</i>	Body



cg08569678	8	143,781,397	0.004866	0.240	0.212				<i>LY6K</i>	TSS200
cg14349667	4	81,189,706	0.001416	0.240	0.249				<i>FGF5</i>	Body
cg24699719	5	74,913,041	5.96E-08	0.240	0.232					
cg03032512	17	77,030,418	1.35E-08	0.240	0.193				<i>C1QTNF1</i>	TSS200
cg09088836	6	2,510,144	2.64E-12	0.240	0.227					
cg15559674	6	149,803,426	9.91E-07	0.240	0.237				<i>ZC3H12D</i>	5'UTR
cg19938199	15	63,233,164	5.66E-07	0.240	0.230					
cg24162251	14	32,420,205	2.28E-05	0.240	0.214					
cg05363616	1	119,529,219	1.44E-07	0.240	0.266				<i>TBX15</i>	5'UTR
cg25662822	3	116,755,155	1.1E-13	0.240	0.243					
cg05341539	15	86,233,214	0.011056	0.240	0.233				<i>AKAP13</i>	Body
cg01438365	17	59,480,470	4.47E-06	0.240	0.226				<i>TBX2</i>	Body
cg02928928	11	1,975,304	1.28E-11	0.239	0.220				<i>MRPL23</i>	Body
cg14326472	9	126,164,083	8.58E-20	0.239	0.227				<i>DENND1A</i>	3'UTR
cg14952457	6	50,818,685	8.65E-05	0.239	0.247					
cg11039476	2	127,978,579	1.83E-06	0.239	0.230					
cg06390651	2	177,023,667	0.000565	0.239	0.188					
cg06857289	4	13,524,306	0.040873	0.239	0.335					
cg13831540	7	130,128,420	3.87E-21	0.239	0.230				<i>MESTIT1</i>	Body
cg27128761	5	151,055,650	8.71E-12	0.239	0.224				<i>SPARC</i>	Body
cg09462924	2	66,666,470	0.042393	0.239	0.328				<i>MEIS1</i>	Body
cg03114255	6	150,358,985	0.044616	0.239	0.168					
cg05222794	20	60,540,550	5.08E-06	0.239	0.235					
cg10603592	17	40,896,097	3.05E-12	0.239	0.227				<i>EZH1</i>	5'UTR
cg10397932	1	2,166,155	0.000171	0.239	0.325				<i>SKI</i>	Body
cg24312680	4	128,704,518	0.008852	0.239	0.248				<i>HSPA4L</i>	Body
cg27584013	1	23,012,439	1.13E-10	0.239	0.264					
cg10753889	11	116,706,520	0.028706	0.239	0.184				<i>APOA1</i>	3'UTR
cg20523861	13	70,682,324	0.001546	0.239	0.199	5.64E-22	0.230		<i>KLHL1</i>	1stExon
cg26104293	6	91,499,812	5.06E-12	0.239	0.217					
cg10368049	7	94,023,796	0.002127	0.239	0.190				<i>COL1A2</i>	TSS200
cg19960891	11	63,776,653	0.015478	0.239	0.116				<i>MACROD1</i>	Body
cg15129679	1	85,513,315	1.37E-06	0.239	0.211				<i>MCOLN3</i>	5'UTR
cg22629111	1	166,135,208	3.79E-06	0.239	0.264				<i>FAM78B</i>	Body

cg16264705	12	54,071,194	0.024254	0.239	0.216				<i>ATP5G2</i>	TSS1500
cg18168249	7	134,946,296	0.000374	0.239	0.253					
cg20137746	10	27,235,598	4.92E-06	0.239	0.258					
cg00754253	11	63,259,187	1.51E-09	0.239	0.249				<i>HRASLS5</i>	TSS1500
cg06312072	12	99,287,129	1.29E-05	0.239	0.181				<i>ANKS1B</i>	Body
cg15443952	7	100,817,963	0.000979	0.239	0.323				<i>C7orf52</i>	Body
cg12757155	18	5,628,325	0.011911	0.239	0.284					
cg14592399	4	41,881,933	3.07E-06	0.239	0.205					
cg23590187	7	29,686,098	2.2E-05	0.239	0.260				<i>LOC646762</i>	Body
cg14582226	7	116,164,743	0.00986	0.239	0.170				<i>CAV1</i>	TSS200
cg18224993	11	78,521,705	2.92E-15	0.239	0.241				<i>ODZ4</i>	Body
cg18661868	15	91,427,965	0.001637	0.239	0.169	2.39E-08	0.081		<i>FES</i>	5'UTR
cg19723734	7	2,271,673	2.33E-06	0.239	0.252				<i>MAD1L1</i>	5'UTR
cg06772268	5	81,342,312	4.22E-19	0.239	0.211				<i>ATG10</i>	Body
cg13348944	11	118,047,121	0.00052	0.239	0.256	4.03E-17	0.149		<i>SCN2B</i>	1stExon
cg22900415	13	20,736,075	7.24E-05	0.239	0.210				<i>GJA3</i>	TSS1500
cg02915422	X	150,863,331	0.001071	0.239	0.262					
cg02508830	7	102,576,358	6.29E-07	0.239	0.252				<i>FBXL13</i>	Body
cg06570025	21	34,444,245	0.032183	0.239	0.241				<i>OLIG1</i>	1stExon
cg11883737	3	129,276,179	6.73E-31	0.239	0.246				<i>PLXND1</i>	Body
cg20040765	8	67,358,546	1.08E-06	0.239	0.259				<i>ADHFE1</i>	Body
cg23112192	17	27,893,542	6.57E-07	0.239	0.216				<i>ABHD15</i>	1stExon
cg07653695	2	102,175,888	7.63E-05	0.239	0.226					
cg21932416	2	176,997,707	2.18E-08	0.239	0.216					
cg24227728	19	11,590,393	0.006414	0.239	0.258				<i>ELAVL3</i>	Body
cg03314569	1	32,041,732	1.52E-11	0.239	0.247				<i>TINAGL1</i>	TSS1500
cg05147273	17	74,696,804	2.32E-12	0.239	0.230				<i>MXRA7</i>	Body
cg10543035	1	179,545,790	2.46E-06	0.239	0.190				<i>NPHS2</i>	TSS1500
cg06017559	16	1,026,760	1.27E-11	0.239	0.221					
cg26449787	6	133,562,087	1.96E-05	0.239	0.304				<i>EYA4</i>	TSS1500
cg04537567	6	99,296,068	3.34E-05	0.239	0.197					
cg13391244	7	120,629,638	5.02E-10	0.239	0.214				<i>C7orf58</i>	5'UTR
cg27405988	3	48,171,915	3.54E-06	0.239	0.253					
cg03059247	8	11,287,657	1.71E-10	0.239	0.228				<i>C8orf12</i>	Body

cg11911305	19	45,428,924	1.62E-11	0.239	0.242				<i>APOC1P1</i>	TSS1500
cg16050897	17	71,361,894	5.13E-07	0.239	0.240				<i>SDK2</i>	Body
cg20531550	7	128,550,902	3.13E-16	0.239	0.234				<i>KCP</i>	TSS200
cg03190219	7	25,898,688	1.09E-09	0.239	0.220					
cg19839026	14	51,410,501	0.001561	0.239	0.244				<i>PYGL</i>	Body
cg20930815	11	9,099,393	1.04E-11	0.239	0.214				<i>SCUBE2</i>	Body
cg09364590	6	155,537,901	3.42E-13	0.239	0.210				<i>TIAM2</i>	Body
cg11242303	1	67,773,725	0.02149	0.239	0.084				<i>IL12RB2</i>	5'UTR
cg16987638	6	1,601,509	0.000877	0.239	0.155					
cg17207266	2	25,562,957	1.75E-09	0.239	0.201				<i>DNMT3A</i>	5'UTR
cg00204465	17	73,583,945	3.25E-05	0.239	0.242				<i>MYO15B</i>	TSS200
cg27627006	11	96,072,706	5.72E-06	0.239	0.222				<i>MAML2</i>	Body
cg07328888	13	33,002,693	0.009599	0.239	0.167				<i>N4BP2L1</i>	TSS1500
cg27452217	1	116,371,037	2.01E-05	0.239	0.232					
cg02569115	17	76,922,138	1.59E-06	0.239	0.251				<i>TIMP2</i>	TSS1500
cg13500072	1	36,788,387	3.55E-06	0.239	0.225				<i>FAM176B</i>	Body
cg01466330	8	39,835,697	4.93E-11	0.239	0.174				<i>IDO2</i>	Body
cg03784793	3	116,058,982	0.004342	0.239	0.165				<i>LSAMP</i>	Body
cg13152535	19	51,226,557	0.001748	0.239	0.328	0.0000137	0.083		<i>CLEC11A</i>	TSS200
cg24815529	19	55,592,342	4.95E-05	0.239	0.213				<i>EPS8L1</i>	Body
cg01858698	1	46,954,407	5.11E-07	0.239	0.225					
cg07546334	3	152,557,119	4.3E-07	0.239	0.222					
cg15109744	1	180,917,873	4.57E-15	0.239	0.228					
cg25978487	6	32,157,150	0.000104	0.239	0.204				<i>PBX2</i>	Body
cg27428520	1	204,100,192	5.26E-12	0.239	0.224				<i>ETNK2</i>	3'UTR
cg02864619	17	78,933,961	1.17E-84	0.239	0.235				<i>RPTOR</i>	Body
cg01194371	5	79,331,477	0.000597	0.239	0.236				<i>THBS4</i>	Body
cg12405136	11	68,781,357	2.77E-05	0.239	0.203				<i>MRGPRF</i>	TSS1500
cg15624624	10	114,819,357	3.52E-05	0.239	0.200				<i>TCF7L2</i>	Body
cg04084892	2	17,722,836	0.00134	0.239	0.245				<i>VSNL1</i>	5'UTR
cg18407955	7	158,110,685	1.45E-06	0.239	0.224				<i>PTPRN2</i>	Body
cg12061236	6	151,560,886	8.47E-06	0.239	0.229	2.64E-08	0.098		<i>AKAP12</i>	TSS1500
cg22796922	7	48,031,800	0.010185	0.239	0.226				<i>SUNC1</i>	Body
cg06808089	3	45,708,680	3.5E-17	0.239	0.236				<i>LIMD1</i>	Body

cg26632948	13	25,711,193	3.09E-05	0.239	0.194					
cg04944806	6	27,798,932	0.012083	0.239	0.184					
cg03548415	11	111,991,342	2.43E-08	0.239	0.251					
cg16908257	12	54,404,893	0.000326	0.239	0.176				<i>HOXC8</i>	Body
cg17386213	6	108,488,335	0.002431	0.239	0.256				<i>NR2E1</i>	Body
cg26899651	17	75,441,392	2.48E-09	0.239	0.223				<i>SEPT9</i>	Body
cg01876548	5	124,126,863	1.22E-09	0.239	0.247					
cg02333730	17	12,199,913	9.39E-09	0.239	0.204					
cg00409356	5	1,879,525	3.05E-05	0.239	0.230				<i>IRX4</i>	Body
cg04279973	16	23,846,968	0.001397	0.239	0.196				<i>PRKCB</i>	TSS1500
cg12836280	5	50,260,240	0.000472	0.239	0.175					
cg17611193	19	35,395,942	0.007397	0.239	0.203					
cg17862558	4	106,137,048	7.98E-08	0.239	0.236				<i>TET2</i>	5'UTR
cg19501909	22	38,001,083	1.96E-05	0.239	0.228					
cg25544075	1	1,109,315	0.00025	0.239	0.233				<i>TLL10</i>	5'UTR
cg26472684	6	14,763,072	7.41E-20	0.239	0.224					
cg18642177	1	228,195,779	0.000159	0.239	0.250				<i>WNT3A</i>	Body
cg09722609	5	149,887,422	2.29E-16	0.239	0.230				<i>NDST1</i>	TSS1500
cg12942552	5	57,749,839	4.9E-09	0.239	0.257				<i>PLK2</i>	3'UTR
cg24777399	2	109,855,574	1.87E-10	0.239	0.247				<i>SH3RF3</i>	Body
cg04948014	12	120,241,494	2.77E-11	0.239	0.220				<i>CIT</i>	Body
cg12111783	X	40,027,674	1.71E-25	0.239	0.216				<i>BCOR</i>	5'UTR
cg12340454	15	61,519,486	0.000237	0.239	0.169				<i>RORA</i>	Body
cg13128937	13	95,357,743	0.00163	0.239	0.252					
cg22891868	2	223,536,069	2.26E-15	0.239	0.208				<i>MOGAT1</i>	TSS1500
cg25843866	6	168,079,818	3.03E-05	0.239	0.230					
cg21209876	14	23,447,792	6.39E-08	0.239	0.253				<i>JUB</i>	Body
cg15482931	15	27,019,448	9.93E-05	0.239	0.194				<i>GABRB3</i>	TSS1500
cg24690479	6	10,521,142	4.44E-08	0.239	0.203				<i>GCNT2</i>	TSS1500
cg13351583	9	91,793,648	2.12E-05	0.239	0.238	1.46E-08	0.079		<i>SHC3</i>	1stExon
cg07714276	6	7,169,632	7.67E-12	0.239	0.219				<i>RREB1</i>	5'UTR
cg09788586	12	114,337,676	3.64E-07	0.239	0.223				<i>RBM19</i>	Body
cg11590714	X	49,832,148	1.59E-13	0.239	0.246				<i>CLCN5</i>	Body
cg13480738	2	46,110,087	4.9E-11	0.239	0.241				<i>PRKCE</i>	Body

cg15514496	18	12,287,561	1.5E-08	0.239	0.208					
cg25103337	1	9,293,583	1.81E-08	0.239	0.237				<i>H6PD</i>	TSS1500
cg11832210	10	91,295,346	0.048771	0.239	0.304				<i>SLC16A12</i>	TSS200
cg14458619	9	8,858,644	0.001817	0.239	0.188				<i>PTPRD</i>	5'UTR
cg25964728	3	136,539,328	0.001859	0.239	0.157				<i>TMEM22</i>	5'UTR
cg12974388	2	237,072,998	0.045401	0.239	0.260					
cg01723876	1	21,978,856	2.29E-10	0.239	0.224				<i>RAP1GAP</i>	5'UTR
cg16366546	10	24,672,795	9.97E-07	0.239	0.213				<i>KIAA1217</i>	Body
cg05576992	8	969,029	1.09E-07	0.239	0.196					
cg12988424	3	62,355,884	0.021949	0.239	0.286				<i>FEZF2</i>	Body
cg19279973	3	15,563,149	0.000136	0.239	0.252				<i>COLQ</i>	1stExon
cg21166964	5	72,529,816	6.39E-07	0.239	0.175					
cg00157016	2	24,344,064	1.51E-12	0.239	0.253				<i>PFN4</i>	Body
cg06832449	10	35,069,982	5.48E-06	0.239	0.228				<i>PARD3</i>	Body
cg09238180	2	176,993,632	0.000482	0.239	0.254				<i>HOXD8</i>	TSS1500
cg15009198	2	97,429,502	7.75E-13	0.239	0.211				<i>CNNM4</i>	Body
cg15136975	1	19,781,337	2.36E-06	0.239	0.266				<i>CAPZB</i>	Body
cg23205387	7	152,623,043	0.00491	0.239	0.264					
cg01210589	14	89,895,742	0.000161	0.239	0.180				<i>FOXN3</i>	5'UTR
cg05005332	9	98,979,142	7.74E-14	0.239	0.251					
cg23115907	6	137,817,260	0.000988	0.239	0.250					
cg00304185	16	1,033,074	9.49E-05	0.239	0.223				<i>SOX8</i>	Body
cg01104119	2	131,186,487	7.13E-15	0.239	0.223					
cg07155013	6	140,030,345	2.93E-20	0.239	0.233					
cg05467716	17	62,774,079	2.71E-15	0.239	0.235				<i>LOC146880</i>	Body
cg23647784	10	24,386,611	1.38E-11	0.239	0.237				<i>KIAA1217</i>	5'UTR
cg05142765	14	95,234,822	3.84E-05	0.239	0.241				<i>GSC</i>	3'UTR
cg04503600	5	140,798,188	0.000733	0.239	0.258				<i>PCDHGA4</i>	Body
cg00562180	16	89,638,519	6.54E-10	0.239	0.236					
cg20023898	16	67,048,469	5.57E-05	0.239	0.205					
cg01305421	12	102,874,286	2.84E-05	0.239	0.240	1.8E-10	0.121		<i>IGF1</i>	5'UTR
cg02237629	14	57,264,095	0.000499	0.239	0.245					
cg06625244	19	54,175,187	4.23E-06	0.239	0.260				<i>MIR1323</i>	TSS200
cg08679238	3	46,449,100	1.29E-06	0.239	0.232				<i>CCRL2</i>	1stExon

cg22959260	15	40,382,862	1.31E-25	0.239	0.229				<i>BMF</i>	3'UTR
cg11704005	1	19,002,948	5.05E-08	0.238	0.245				<i>PAX7</i>	Body
cg23732781	6	29,595,016	1.38E-06	0.238	0.229				<i>GABBR1</i>	Body
cg23978504	3	181,413,373	0.007982	0.238	0.278				<i>SOX2OT</i>	Body
cg14336737	10	74,079,845	0.01389	0.238	0.153					
cg16002355	4	111,544,387	0.046916	0.238	0.203				<i>PITX2</i>	Body
cg08463758	20	39,995,649	2.22E-05	0.238	0.202				<i>EMILIN3</i>	TSS200
cg22165175	1	111,148,915	6.61E-06	0.238	0.197	8.18E-17	0.176		<i>KCNA2</i>	TSS1500
cg25775494	6	108,490,895	1.14E-07	0.238	0.243				<i>NR2E1</i>	Body
cg04835613	22	39,410,292	2.37E-06	0.238	0.215				<i>APOBEC3C</i>	1stExon
cg05401364	3	112,967,129	1.44E-07	0.238	0.230				<i>BOC</i>	5'UTR
cg04237918	22	38,435,259	2.38E-05	0.238	0.267					
cg14509153	9	127,274,614	3.3E-08	0.238	0.228					
cg25379036	6	125,544,500	8.57E-13	0.238	0.225				<i>TPD52L1</i>	Body
cg26327804	8	140,714,489	3.95E-05	0.238	0.205				<i>KCNK9</i>	Body
cg03317811	2	42,329,494	5.64E-05	0.238	0.235					
cg02361903	1	110,452,616	4.53E-10	0.238	0.235				<i>CSF1</i>	TSS1500
cg04158367	1	92,952,440	0.001957	0.238	0.217				<i>GFI1</i>	TSS1500
cg26725502	11	27,034,225	9.16E-11	0.238	0.222					
cg04629204	1	26,348,325	8.12E-12	0.238	0.212	1.59E-26	0.133		<i>EXTL1</i>	1stExon
cg07703690	11	27,062,963	6.27E-25	0.238	0.221				<i>BBOX1</i>	5'UTR
cg26486663	16	2,040,863	0.005772	0.238	0.282	0.0000172	0.085		<i>SYNGR3</i>	Body
cg09169779	13	20,751,710	9.17E-14	0.238	0.211					
cg02054667	14	54,687,314	0.009124	0.238	0.228					
cg13488013	17	47,592,680	4.71E-05	0.238	0.249					
cg13835168	6	29,648,756	0.003761	0.238	0.174					
cg15237857	2	45,511	4.69E-05	0.238	0.131				<i>FAM110C</i>	1stExon
cg23198707	3	112,023,284	1.32E-06	0.238	0.229					
cg25821781	17	2,325,143	5.3E-15	0.238	0.226				<i>METT10D</i>	Body
cg10375078	10	22,624,374	0.01226	0.238	0.305					
cg20191453	3	49,459,855	1.54E-08	0.238	0.243	1.88E-11	0.178		<i>AMT</i>	Body
cg08084860	2	237,080,340	0.00109	0.238	0.213					
cg08530414	11	35,160,400	0.00486	0.238	0.317	2.77E-20	0.226		<i>CD44</i>	TSS200
cg10595547	10	119,310,911	0.000476	0.238	0.271					

cg11851174	17	17,712,609	1.46E-30	0.238	0.238					<i>RAI1</i>	Body
cg18823647	4	99,580,449	6.37E-05	0.238	0.216			Yes		<i>TSPAN5</i>	TSS1500
cg25500050	12	8,171,633	0.005536	0.238	0.262						
cg02245998	2	100,210,626	4.57E-10	0.238	0.196					<i>AFF3</i>	Body
cg11194545	X	105,066,793	0.035719	0.238	0.323					<i>NRK</i>	5'UTR
cg08251815	2	85,106,968	0.000139	0.238	0.280					<i>C2orf89</i>	Body
cg10215414	16	67,361,708	5.44E-15	0.238	0.231					<i>KCTD19</i>	TSS1500
cg22399984	6	1,601,802	2.54E-07	0.238	0.194						
cg17755907	5	141,293,917	0.00916	0.238	0.142						
cg05784193	1	192,847,589	1.08E-08	0.238	0.270						
cg12858902	1	110,254,854	4.67E-10	0.238	0.217					<i>GSTM5</i>	TSS200
cg03200052	1	223,538,627	0.001111	0.238	0.163					<i>SUSD4</i>	TSS1500
cg09169874	5	603,562	2.2E-16	0.238	0.208						
cg16675758	11	115,531,171	1.05E-07	0.238	0.203						
cg21067652	13	41,548,815	0.000248	0.238	0.258					<i>ELF1</i>	Body
cg22025232	6	29,894,874	0.020641	0.238	0.211					<i>HCG4P6</i>	TSS1500
cg14671384	12	47,219,920	7.57E-08	0.238	0.222					<i>SLC38A4</i>	TSS200
cg08718490	4	52,943,099	0.000655	0.238	0.243					<i>SPATA18</i>	Body
cg03983223	2	175,499,283	0.020781	0.238	0.205					<i>WIPF1</i>	1stExon
cg06298346	5	10,565,679	5.35E-08	0.238	0.235					<i>ANKRD33B</i>	Body
cg09599130	10	104,170,691	0.008281	0.238	0.242					<i>PSD</i>	Body
cg14072027	17	15,301,904	1.74E-06	0.238	0.225						
cg15205636	13	21,520,468	3.6E-05	0.238	0.229						
cg05861567	22	50,523,686	7.51E-11	0.238	0.226	0.00108251	0.099			<i>MLC1</i>	5'UTR
cg08279008	2	86,263,224	0.038526	0.238	0.360					<i>POLR1A</i>	Body
cg12860635	6	30,095,140	1.81E-15	0.238	0.225						
cg24945701	3	62,362,783	7.23E-05	0.238	0.264						
cg18798922	2	171,572,863	0.03362	0.238	0.254					<i>SP5</i>	Body
cg06170683	16	3,740,774	0.000181	0.238	0.224					<i>TRAP1</i>	Body
cg16038120	14	29,235,196	0.037051	0.238	0.162					<i>FOXG1</i>	TSS1500
cg06407657	20	43,937,138	2.46E-10	0.238	0.233					<i>MATN4</i>	TSS200
cg13528344	13	20,768,138	0.01111	0.238	0.272					<i>GJB2</i>	TSS1500
cg00050402	7	55,073,022	1.41E-08	0.238	0.209						
cg06362543	20	42,135,794	1.94E-06	0.238	0.201						

cg08195512	17	71,948,430	0.002055	0.238	0.265					
cg10069155	15	41,852,638	3E-05	0.238	0.218			Yes	<i>TYRO3</i>	Body
cg04487296	7	149,389,669	0.007114	0.238	0.271					
cg11851804	1	848,379	2.02E-05	0.238	0.246					
cg27210464	10	101,283,479	0.049965	0.238	0.236					
cg07219769	22	38,071,455	0.00019	0.238	0.292				<i>LGALS1</i>	TSS200
cg08975803	12	52,626,818	1.07E-06	0.238	0.218				<i>KRT7</i>	TSS200
cg13033858	12	109,248,326	5.79E-06	0.238	0.231				<i>SSH1</i>	Body
cg01388757	2	102,091,195	0.002202	0.238	0.238				<i>RFX8</i>	TSS200
cg09557313	13	53,313,174	0.007762	0.238	0.164				<i>LECT1</i>	Body
cg16615357	5	135,416,594	0.00037	0.238	0.230				<i>MIR886</i>	TSS1500
cg07719492	8	70,983,348	0.019104	0.238	0.252				<i>PRDM14</i>	5'UTR
cg26514793	10	73,769,127	2.34E-08	0.238	0.237				<i>CHST3</i>	3'UTR
cg26668713	11	65,405,903	0.02401	0.238	0.169	2.41E-08	0.124		<i>SIPA1</i>	5'UTR
cg00524220	19	3,098,963	4.59E-05	0.238	0.263				<i>GNA11</i>	Body
cg01246617	5	53,751,493	7.59E-30	0.238	0.242				<i>HSPB3</i>	5'UTR
cg18291437	X	119,445,843	3.49E-08	0.238	0.245				<i>FAM70A</i>	TSS1500
cg19785066	20	44,746,655	4.75E-05	0.238	0.297				<i>CD40</i>	TSS1500
cg24392548	3	46,854,173	0.018629	0.238	0.227					
cg04567307	4	48,492,122	0.000762	0.238	0.201				<i>ZAR1</i>	TSS200
cg05637536	1	154,475,068	0.000488	0.238	0.127				<i>TDRD10</i>	5'UTR
cg10779492	1	106,623,781	0.002665	0.238	0.226					
cg15927699	1	37,856,881	3.76E-09	0.238	0.228					
cg07188513	7	156,807,474	8.98E-06	0.238	0.225					
cg12598235	15	89,921,182	4.32E-05	0.238	0.206				<i>LOC254559</i>	TSS200
cg25659902	6	30,652,202	7.28E-06	0.238	0.242				<i>KIAA1949</i>	Body
cg00302983	13	24,007,545	0.003728	0.238	0.162				<i>SACS</i>	5'UTR
cg22976313	14	105,070,340	3.6E-07	0.238	0.262				<i>TMEM179</i>	Body
cg04205034	5	134,824,947	0.009892	0.238	0.199					
cg09169117	2	153,302,353	2.13E-06	0.238	0.240				<i>FMNL2</i>	Body
cg11775488	10	95,586,237	0.001554	0.238	0.254					
cg20438306	4	41,747,092	0.000151	0.238	0.238				<i>PHOX2B</i>	3'UTR
cg14983586	6	27,206,503	0.001728	0.238	0.256					
cg01077100	10	124,067,280	6.8E-10	0.238	0.223				<i>BTBD16</i>	Body



cg03155027	3	49,907,692	4.16E-07	0.238	0.203					<i>CAMKV</i>	TSS1500
cg05184394	2	131,512,773	1.06E-12	0.238	0.249	3.3E-33	0.210			<i>FAM123C</i>	TSS1500
cg09045681	6	31,127,178	2.39E-05	0.238	0.245	1.44E-08	0.131			<i>TCF19</i>	5'UTR
cg14265068	17	77,763,497	2.59E-12	0.238	0.197						
cg19656282	2	74,742,786	0.033608	0.238	0.274					<i>TLX2</i>	Body
cg21880903	4	39,408,665	3.52E-05	0.238	0.278	3.48E-10	0.168			<i>KLB</i>	1stExon
cg12166610	8	31,498,256	0.000192	0.238	0.264					<i>NRG1</i>	Body
cg18372607	11	31,827,084	0.009517	0.238	0.267					<i>PAX6</i>	Body
cg18497508	6	41,528,345	1.94E-06	0.238	0.222					<i>FOXP4</i>	5'UTR
cg19054158	7	1,099,421	0.007229	0.238	0.257					<i>C7orf50</i>	Body
cg10298741	16	73,019,173	4.52E-05	0.238	0.224					<i>ZFHX3</i>	5'UTR
cg14538320	8	22,722,360	0.000263	0.238	0.145					<i>PEBP4</i>	Body
cg01493517	12	6,665,447	4.29E-05	0.238	0.226					<i>IFFO1</i>	TSS1500
cg15287594	20	42,938,795	5.12E-11	0.238	0.264					<i>FITM2</i>	Body
cg21394729	15	31,316,860	1.09E-13	0.238	0.244					<i>TRPM1</i>	Body
cg21831174	3	187,011,187	3.51E-12	0.238	0.224	0.00091119	0.076			<i>MASP1</i>	TSS1500
cg03920442	20	25,848,969	0.002445	0.238	0.195						
cg04633600	5	101,632,286	0.011854	0.238	0.197					<i>SLCO4C1</i>	TSS200
cg00767010	9	99,482,094	0.011911	0.238	0.235						
cg05940231	1	119,532,189	1.01E-05	0.238	0.257					<i>TBX15</i>	TSS200
cg11765312	2	84,714,510	9.31E-05	0.238	0.173						
cg06657529	5	783,288	0.000975	0.238	0.268						
cg09905511	2	77,621,916	1.38E-06	0.238	0.233					<i>LRRTM4</i>	Body
cg13577076	7	752,456	0.002788	0.238	0.167	1.75E-12	0.231			<i>PRKAR1B</i>	5'UTR
cg22902089	11	46,318,223	3.34E-21	0.238	0.225					<i>CREB3L1</i>	Body
cg26541780	1	156,217,981	5.88E-07	0.238	0.287					<i>PAQR6</i>	TSS200
cg05016408	5	150,326,174	0.049784	0.238	0.265					<i>LOC134466</i>	TSS200
cg12598865	11	2,901,843	5.76E-10	0.238	0.233						
cg13537353	13	26,586,651	0.000191	0.238	0.196					<i>ATP8A2</i>	Body
cg10966139	1	236,228,837	0.000842	0.238	0.195					<i>NID1</i>	TSS1500
cg23947326	19	46,504,128	0.033529	0.238	0.152					<i>CCDC61</i>	Body
cg24924958	6	142,409,993	0.01398	0.238	0.181					<i>NMBR</i>	TSS200
cg02634272	16	71,459,870	0.01848	0.238	0.231						
cg03340026	19	1,403,530	0.000345	0.238	0.268						

cg04607865	7	20,834,362	0.001373	0.238	0.195					
cg04628438	6	10,585,889	3.79E-08	0.238	0.228				<i>GCNT2</i>	Body
cg07820868	1	119,528,638	0.006615	0.238	0.253				<i>TBX15</i>	5'UTR
cg22202689	19	49,298,227	7.71E-10	0.238	0.267					
cg19906672	4	6,918,868	0.000676	0.238	0.188				<i>TBC1D14</i>	5'UTR
cg22967542	7	96,647,483	0.000231	0.238	0.262					
cg25034155	10	80,945,359	1.18E-05	0.238	0.227				<i>ZMIZ1</i>	5'UTR
cg03534504	5	171,594,998	4.76E-15	0.238	0.222				<i>STK10</i>	Body
cg21684012	6	100,912,906	0.014537	0.238	0.302				<i>SIM1</i>	TSS1500
cg18893793	12	47,472,810	0.014011	0.238	0.156				<i>AMIGO2</i>	5'UTR
cg25929533	6	127,840,616	0.015497	0.238	0.192				<i>C6orf174</i>	TSS200
cg04370442	16	58,019,866	1.62E-20	0.238	0.226				<i>TEPP</i>	Body
cg05399718	12	123,555,535	7.64E-15	0.238	0.246				<i>PITPNM2</i>	5'UTR
cg08636083	1	149,785,211	2.64E-09	0.238	0.204				<i>HIST2H2BF</i>	TSS1500
cg09643340	11	129,244,105	6.45E-08	0.238	0.258					
cg12894524	12	116,997,069	1.11E-08	0.238	0.217				<i>MAP1LC3B2</i>	TSS200
cg15835817	3	32,433,905	8.8E-05	0.238	0.150				<i>CMTM7</i>	Body
cg06103657	12	33,030,976	2.26E-12	0.238	0.202				<i>PKP2</i>	Body
cg23972298	1	32,665,582	0.000121	0.238	0.166				<i>CCDC28B</i>	TSS1500
cg03402235	15	42,749,336	6.82E-08	0.238	0.193				<i>ZFP106</i>	1stExon
cg12848808	15	68,125,599	0.000966	0.238	0.246				<i>LBXCOR1</i>	Body
cg24900983	6	152,128,528	0.000578	0.238	0.178				<i>ESR1</i>	TSS1500
cg25714956	7	70,096,264	1.2E-09	0.238	0.228				<i>AUTS2</i>	Body
cg02116953	20	20,346,166	0.032469	0.238	0.188					
cg25642476	6	29,595,011	7.91E-08	0.238	0.241				<i>GABBR1</i>	Body
cg08318842	16	55,512,806	8.23E-07	0.238	0.226				<i>MMP2</i>	TSS1500
cg17543296	1	20,880,378	0.005401	0.238	0.129				<i>FAM43B</i>	1stExon
cg09720573	12	110,150,261	3.75E-10	0.238	0.232					
cg16353624	6	74,160,974	0.013148	0.237	0.129				<i>C6orf150</i>	Body
cg18668813	6	114,177,341	0.020395	0.237	0.178				<i>MARCKS</i>	TSS1500
cg21661379	2	228,324,983	6E-16	0.237	0.239					
cg10970143	1	159,866,558	3.44E-05	0.237	0.210				<i>CCDC19</i>	Body
cg11111460	4	183,063,637	6.05E-05	0.237	0.217				<i>MGC45800</i>	Body
cg15920887	2	190,928,430	1.4E-07	0.237	0.240				<i>MSTN</i>	TSS1500

cg17347104	14	75,034,677	1.32E-08	0.237	0.230				<i>LTBP2</i>	Body
cg05734722	2	85,122,547	0.033438	0.237	0.105					
cg19779166	14	56,890,696	0.000134	0.237	0.241					
cg21211271	1	6,265,071	0.006372	0.237	0.245				<i>RNF207</i>	TSS1500
cg05116382	11	66,327,000	0.000101	0.237	0.269				<i>ACTN3</i>	Body
cg24909660	11	47,276,469	0.000125	0.237	0.169				<i>NR1H3</i>	5'UTR
cg19984911	5	150,020,338	2.34E-06	0.237	0.238				<i>SYNPO</i>	1stExon
cg19910201	7	64,734,691	0.00145	0.237	0.275					
cg19876672	10	118,891,266	0.006463	0.237	0.230				<i>VAX1</i>	3'UTR
cg12406726	1	162,792,568	0.027313	0.237	0.328					
cg11854259	7	155,325,815	0.000313	0.237	0.235				<i>CNPY1</i>	5'UTR
cg10927449	2	63,286,621	1.15E-06	0.237	0.220					
cg19014941	10	88,127,363	0.003915	0.237	0.125				<i>GRID1</i>	TSS1500
cg07234865	1	156,390,220	0.000183	0.237	0.337				<i>MIR9-1</i>	Body
cg16596367	16	89,070,757	0.003903	0.237	0.145					
cg17816357	7	124,430,776	0.001429	0.237	0.264					
cg18378551	11	84,844,436	5.94E-08	0.237	0.233				<i>DLG2</i>	Body
cg25960038	17	46,667,789	1.53E-12	0.237	0.218				<i>LOC404266</i>	TSS200
cg00339682	4	13,531,163	0.013757	0.237	0.315					
cg00994250	6	151,087,821	1.64E-07	0.237	0.237				<i>PLEKHG1</i>	Body
cg06005197	11	58,612,853	9.38E-06	0.237	0.230				<i>GLYATL2</i>	TSS1500
cg10556772	6	29,795,434	8.96E-08	0.237	0.231				<i>HLA-G</i>	5'UTR
cg16426482	16	21,831,587	0.04417	0.237	0.058				<i>RRN3P1</i>	TSS1500
cg24368031	17	60,726,097	0.007007	0.237	0.302				<i>MRC2</i>	Body
cg05680973	X	132,090,141	3.67E-06	0.237	0.213				<i>HS6ST2</i>	Body
cg06613480	3	181,437,383	0.002369	0.237	0.347				<i>SOX2OT</i>	Body
cg00961640	1	110,933,767	4.43E-10	0.237	0.234				<i>SLC16A4</i>	TSS200
cg13426138	6	31,830,455	0.045187	0.237	0.197				<i>NEU1</i>	1stExon
cg00767000	16	87,525,307	3.53E-07	0.237	0.260				<i>ZCCHC14</i>	1stExon
cg04428826	X	75,649,367	1.43E-23	0.237	0.228				<i>MAGEE1</i>	1stExon
cg12979844	13	46,425,929	0.004695	0.237	0.190				<i>SIAH3</i>	TSS200
cg14855931	3	138,631,456	0.001306	0.237	0.261					
cg19200589	21	36,041,605	0.000469	0.237	0.229				<i>CLIC6</i>	TSS200
cg18226915	11	126,009,830	1.1E-20	0.237	0.236					

cg01388260	16	85,399,742	2.86E-17	0.237	0.230					
cg19656974	2	66,653,415	1.94E-05	0.237	0.233					
cg25630910	12	123,753,186	2.3E-05	0.237	0.142				<i>CDK2AP1</i>	Body
cg12010198	8	145,939,499	3.38E-05	0.237	0.211					
cg07606384	10	94,823,251	2.9E-05	0.237	0.205				<i>CYP26C1</i>	Body
cg11869049	3	48,278,910	0.001072	0.237	0.288					
cg20712631	5	172,074,065	2.69E-11	0.237	0.233				<i>NEURL1B</i>	Body
cg10532489	16	29,888,304	0.000005	0.237	0.232				<i>SEZ6L2</i>	Body
cg11205636	5	107,108,407	1.05E-10	0.237	0.251					
cg15500865	7	95,025,924	0.000277	0.237	0.208				<i>PON3</i>	TSS1500
cg07929768	2	232,055,508	0.000697	0.237	0.256					
cg11042214	10	102,906,231	2.82E-05	0.237	0.271					
cg14219620	6	151,561,168	0.000937	0.237	0.129			Yes	<i>AKAP12</i>	1stExon
cg05892568	19	30,015,782	0.000979	0.237	0.180					
cg03132556	12	54,366,760	0.00261	0.237	0.242				<i>HOXC11</i>	TSS200
cg12542255	19	45,976,195	2.36E-05	0.237	0.156				<i>FOSB</i>	Body
cg20067049	2	121,345,149	2.38E-09	0.237	0.229					
cg07999845	4	154,710,961	0.025074	0.237	0.360				<i>SFRP2</i>	TSS1500
cg16379462	14	55,119,082	2.56E-08	0.237	0.249				<i>SAMD4A</i>	Body
cg04209913	5	37,836,246	5.4E-15	0.237	0.236				<i>GDNF</i>	TSS1500
cg04422990	6	137,241,923	3.82E-06	0.237	0.236				<i>SLC35D3</i>	TSS1500
cg05961294	2	45,028,264	1.71E-06	0.237	0.219					
cg13571460	9	124,989,337	6.53E-05	0.237	0.257				<i>LHX6</i>	Body
cg19209066	10	8,085,349	0.003531	0.237	0.280					
cg24051242	11	68,096,138	1.31E-10	0.237	0.182				<i>LRP5</i>	Body
cg18485596	6	111,435,084	2.89E-06	0.237	0.269				<i>SLC16A10</i>	Body
cg19911329	6	29,975,345	3.25E-14	0.237	0.235				<i>HLA-J</i>	Body
cg02523640	10	129,534,613	0.00339	0.237	0.229				<i>FOXI2</i>	TSS1500
cg08823209	19	35,611,675	3.91E-05	0.237	0.233				<i>FXYD3</i>	Body
cg01128482	2	177,028,621	0.00829	0.237	0.251				<i>HOXD3</i>	TSS200
cg21865845	3	79,815,848	7.76E-05	0.237	0.189				<i>ROBO1</i>	5'UTR
cg00889398	13	28,502,089	0.002083	0.237	0.213					
cg09385692	5	180,597,400	0.000939	0.237	0.271					
cg26158279	20	25,565,667	0.022914	0.237	0.112				<i>NINL</i>	5'UTR

cg25755575	1	217,311,531	2.67E-05	0.237	0.238				<i>ESRRG</i>	TSS1500
cg22706186	3	68,053,371	0.012835	0.237	0.268				<i>FAM19A1</i>	TSS200
cg23007665	7	43,690,247	3.17E-09	0.237	0.241				<i>C7orf44</i>	5'UTR
cg08469845	17	39,676,096	7.81E-08	0.237	0.224				<i>KRT15</i>	TSS1500
cg09408917	21	38,069,321	0.006114	0.237	0.261					
cg07434457	2	220,222,765	3.44E-06	0.237	0.237					
cg09816693	14	74,706,113	1.2E-06	0.237	0.226				<i>VSX2</i>	TSS200
cg14977608	1	55,506,512	0.00149	0.237	0.221				<i>PCSK9</i>	Body
cg02973792	12	117,408,122	3.3E-42	0.237	0.228			Yes	<i>FBXW8</i>	Body
cg02923831	8	38,386,436	2.9E-06	0.237	0.254				<i>C8orf86</i>	TSS1500
cg12775181	7	1,284,732	3.26E-06	0.237	0.208					
cg17037355	20	3,218,545	5.3E-17	0.237	0.217				<i>SLC4A11</i>	TSS200
cg25399367	6	146,136,238	0.017603	0.237	0.139				<i>FBXO30</i>	TSS1500
cg12175311	15	100,538,092	3.53E-13	0.237	0.207				<i>ADAMTS17</i>	Body
cg13711424	14	65,017,091	1.91E-08	0.237	0.216				<i>C14orf50</i>	Body
cg18433784	21	48,025,155	1.27E-08	0.237	0.209				<i>S100B</i>	TSS200
cg22839531	6	91,123,560	0.000738	0.237	0.196					
cg13902210	1	110,754,436	1.75E-05	0.237	0.240				<i>KCNC4</i>	1stExon
cg18179931	3	194,119,058	3.56E-05	0.237	0.216				<i>GP5</i>	5'UTR
cg01298991	2	20,422,849	3.49E-08	0.237	0.190				<i>SDC1</i>	Body
cg21209859	1	167,682,516	9.96E-11	0.237	0.201					
cg06003986	18	35,104,868	0.002677	0.237	0.203				<i>BRUNOL4</i>	Body
cg05950572	11	14,004,854	0.000771	0.237	0.217				<i>SPON1</i>	Body
cg07981266	6	30,720,311	0.00248	0.237	0.137			Yes		
cg17771652	5	82,767,968	0.007073	0.237	0.309				<i>VCAN</i>	5'UTR
cg22178613	4	154,710,499	0.008521	0.237	0.299				<i>SFRP2</i>	TSS1500
cg22881652	4	13,532,951	0.013101	0.237	0.340					
cg01857475	12	104,697,193	0.018679	0.237	0.180				<i>TXNRD1</i>	5'UTR
cg07847273	3	43,195,345	1.39E-13	0.237	0.237					
cg07892597	1	119,532,093	2.37E-08	0.237	0.219				<i>TBX15</i>	1stExon
cg14314071	17	15,165,812	0.002952	0.237	0.223				<i>PMP22</i>	5'UTR
cg21099148	17	36,611,691	1.18E-06	0.237	0.193					
cg11323985	8	18,541,497	0.000616	0.237	0.181				<i>PSD3</i>	Body
cg24167422	1	9,243,600	3.64E-06	0.237	0.225					

cg25431463	20	36,012,946	5.32E-06	0.237	0.253					<i>SRC</i>	Body
cg19773546	17	45,944,339	5.42E-18	0.237	0.221						
cg25212090	1	197,882,170	0.003821	0.237	0.220					<i>LHX9</i>	Body
cg01295782	3	71,739,283	1.67E-23	0.237	0.245					<i>EIF4E3</i>	Body
cg01521274	14	71,822,452	0.002179	0.237	0.203						
cg02857760	2	177,012,562	1.43E-06	0.237	0.194						
cg05874561	4	154,709,828	0.010402	0.237	0.277					<i>SFRP2</i>	1stExon
cg24033224	12	131,438,016	1.42E-09	0.237	0.243					<i>GPR133</i>	TSS1500
cg25826546	7	100,770,060	0.013799	0.237	0.231					<i>SERPINE1</i>	TSS1500
cg09627520	3	58,410,836	6.31E-07	0.237	0.272					<i>PXK</i>	3'UTR
cg14600877	17	78,922,220	1.61E-05	0.237	0.210					<i>RPTOR</i>	Body
cg24341611	17	50,235,279	0.018554	0.237	0.255					<i>CA10</i>	1stExon
cg12583095	10	92,618,141	0.00779	0.237	0.087					<i>HTR7</i>	TSS1500
cg23695990	12	95,967,811	9E-10	0.237	0.221						
cg24908198	11	128,812,992	0.002639	0.237	0.151					<i>TP53AIP1</i>	TSS200
cg14473030	9	119,336,987	0.00067	0.237	0.212					<i>ASTN2</i>	Body
cg17349389	2	80,530,770	0.00824	0.237	0.270					<i>CTNNA2</i>	Body
cg09416188	3	49,538,552	0.000689	0.237	0.206					<i>DAG1</i>	5'UTR
cg12224030	17	48,047,608	1.27E-05	0.237	0.260					<i>DLX4</i>	Body
cg17346952	12	57,630,107	4.09E-07	0.237	0.242					<i>NDUFA4L2</i>	Body
cg04697454	15	93,633,408	9.34E-05	0.237	0.242					<i>RGMA</i>	TSS1500
cg18969232	2	45,156,937	4.71E-05	0.237	0.204						
cg01310750	19	52,996,548	2.37E-05	0.237	0.202					<i>ZNF578</i>	5'UTR
cg03107235	13	26,586,713	0.000245	0.237	0.233					<i>ATP8A2</i>	Body
cg21670944	8	144,962,931	2.13E-14	0.237	0.248						
cg00134602	3	64,251,663	9.05E-05	0.237	0.260						
cg02469095	8	99,960,921	7.31E-07	0.237	0.234					<i>OSR2</i>	5'UTR
cg09992184	1	118,151,821	7.07E-05	0.237	0.230					<i>FAM46C</i>	5'UTR
cg18771512	X	153,532,633	3.31E-12	0.237	0.251					<i>TKTL1</i>	TSS1500
cg06873316	11	20,690,682	0.015648	0.237	0.143					<i>NELL1</i>	TSS1500
cg02791331	3	183,993,724	0.008568	0.237	0.210					<i>ECE2</i>	TSS200
cg03885399	1	47,691,550	3.72E-05	0.237	0.253					<i>TAL1</i>	Body
cg17775490	20	45,179,354	5.1E-07	0.237	0.217					<i>C20orf123</i>	TSS200
cg03662459	9	34,654,290	8.93E-31	0.237	0.223	5.64E-10	0.079			<i>IL11RA</i>	5'UTR

cg07576931	8	117,530,081	1.83E-07	0.237	0.204					
cg14400292	22	46,367,203	0.00164	0.237	0.182				<i>WNT7B</i>	Body
cg16935980	7	155,255,310	0.014891	0.237	0.247				<i>EN2</i>	Body
cg04728296	4	166,414,646	2.52E-05	0.237	0.276				<i>CPE</i>	Body
cg05337681	15	58,844,500	1.66E-08	0.237	0.237				<i>LIPC</i>	Body
cg06142351	2	8,683,945	8.71E-07	0.237	0.219					
cg15822765	6	28,956,387	2.79E-05	0.237	0.237					
cg15146752	1	16,482,767	1.88E-05	0.237	0.147	1.64E-41	0.262		<i>EPHA2</i>	TSS1500
cg00191052	X	46,432,770	1.22E-20	0.237	0.231	1.4E-10	0.103		<i>CHST7</i>	TSS1500
cg09455225	X	133,684,399	0.033647	0.236	0.181					
cg01201797	2	208,635,605	1.02E-06	0.236	0.233				<i>FZD5</i>	TSS1500
cg16087412	17	21,281,017	2.62E-09	0.236	0.239				<i>KCNJ12</i>	5'UTR
cg06326971	16	57,836,692	0.000634	0.236	0.197				<i>KIFC3</i>	TSS1500
cg07421596	6	31,913,770	3E-05	0.236	0.221				<i>CFB</i>	1stExon
cg24425727	6	36,645,648	0.000429	0.236	0.292				<i>CDKN1A</i>	TSS1500
cg07776419	X	133,680,476	0.005704	0.236	0.155				<i>MGC16121</i>	Body
cg18075666	7	134,550,430	4.34E-06	0.236	0.235				<i>CALD1</i>	5'UTR
cg24465685	1	47,009,809	0.028799	0.236	0.313					
cg02170525	2	87,018,382	0.00012	0.236	0.168	3.11E-15	0.121		<i>CD8A</i>	5'UTR
cg07713493	1	205,473,393	2.49E-16	0.236	0.218	2.2E-12	0.133		<i>CDK18</i>	TSS1500
cg16602460	6	32,156,071	1.86E-16	0.236	0.227				<i>PBX2</i>	Body
cg24914185	2	200,663,789	8.81E-15	0.236	0.208					
cg05527785	17	46,656,543	0.002544	0.236	0.154				<i>HOXB4</i>	TSS1500
cg15874872	7	100,770,434	0.000394	0.236	0.287				<i>SERPINE1</i>	5'UTR
cg18687675	14	95,234,965	3.1E-05	0.236	0.250				<i>GSC</i>	Body
cg00339782	1	149,908,099	3.31E-16	0.236	0.228				<i>MTMR11</i>	Body
cg10937302	11	33,037,916	2.08E-05	0.236	0.258				<i>DEPDC7</i>	5'UTR
cg13740815	19	51,170,356	0.016868	0.236	0.225				<i>SHANK1</i>	Body
cg06495184	19	406,256	3.35E-14	0.236	0.216				<i>C2CD4C</i>	3'UTR
cg07930539	2	177,025,975	0.000325	0.236	0.179					
cg26690742	11	2,889,602	7.37E-12	0.236	0.226					
cg10345920	8	23,560,319	0.006334	0.236	0.178				<i>NKX2-6</i>	Body
cg19893751	2	45,029,285	1.28E-06	0.236	0.215					
cg19928046	5	149,792,249	0.030424	0.236	0.087	3.16E-11	0.127		<i>CD74</i>	1stExon

cg27357306	10	63,657,059	4.44E-05	0.236	0.240					
cg05033333	16	3,222,180	0.039994	0.236	0.165					
cg06710596	19	36,024,279	0.000377	0.236	0.249				<i>GAPDH5</i>	TSS200
cg14411503	14	103,589,028	2.42E-07	0.236	0.208					
cg21127735	17	47,547,353	0.00068	0.236	0.209					
cg25125652	X	110,039,604	0.007313	0.236	0.087				<i>CHRD1</i>	TSS1500
cg11193342	12	116,872,185	1.14E-06	0.236	0.175					
cg15487498	1	230,372,938	2.4E-13	0.236	0.242				<i>GALNT2</i>	Body
cg21165064	1	156,402,678	4.89E-06	0.236	0.244					
cg26856924	1	119,542,573	8.51E-09	0.236	0.243					
cg01946191	12	54,444,463	0.000953	0.236	0.155				<i>HOXC4</i>	5'UTR
cg26612165	1	181,059,499	0.036658	0.236	0.121				<i>IER5</i>	3'UTR
cg09684846	16	10,912,718	5.64E-12	0.236	0.228				<i>FAM18A</i>	TSS200
cg23886978	8	1,272,628	2.12E-05	0.236	0.254					
cg25840237	15	29,967,593	3.64E-28	0.236	0.209					
cg05392323	1	23,698,143	1.1E-06	0.236	0.212				<i>C1orf213</i>	3'UTR
cg07058377	17	2,041,773	1.65E-05	0.236	0.166				<i>SMG6</i>	Body
cg07722360	20	17,691,454	4.4E-12	0.236	0.214				<i>BANF2</i>	5'UTR
cg09664550	10	33,294,358	0.000365	0.236	0.238					
cg23675930	1	26,054,700	2.23E-16	0.236	0.230				<i>MAN1C1</i>	Body
cg06452665	13	43,148,436	1.65E-09	0.236	0.238				<i>TNFSF11</i>	1stExon
cg08239804	6	134,497,755	1.65E-09	0.236	0.247				<i>SGK1</i>	TSS1500
cg25102370	4	174,451,141	0.000184	0.236	0.296				<i>HAND2</i>	5'UTR
cg04349243	10	91,295,159	0.012072	0.236	0.267				<i>SLC16A12</i>	5'UTR
cg06047587	3	117,118,875	3.09E-10	0.236	0.258					
cg10741760	1	19,992,024	0.004932	0.236	0.183	1.86E-15	0.196		<i>HTR6</i>	5'UTR
cg23783862	8	82,658,145	2.24E-14	0.236	0.245				<i>CHMP4C</i>	Body
cg26646659	5	55,776,364	2.97E-07	0.236	0.155					
cg07205883	10	116,187,407	2.05E-14	0.236	0.237					
cg10319893	13	37,248,953	0.005889	0.236	0.214				<i>C13orf36</i>	5'UTR
cg26229752	10	131,697,345	0.018617	0.236	0.171				<i>EBF3</i>	Body
cg22573003	X	15,402,648	2.09E-06	0.236	0.205				<i>FIGF</i>	TSS200
cg26618965	8	67,874,206	0.007393	0.236	0.109					
cg09820101	1	162,792,092	5.97E-07	0.236	0.238					



cg03490331	5	172,672,817	1.15E-08	0.236	0.220					
cg23520688	14	103,294,740	9.09E-14	0.236	0.211				<i>TRAF3</i>	5'UTR
cg26750742	2	209,054,670	2.88E-10	0.236	0.236				<i>C2orf80</i>	5'UTR
cg13164157	4	16,085,180	0.014842	0.236	0.340				<i>PROM1</i>	5'UTR
cg08068820	19	11,530,021	0.001778	0.236	0.229				<i>RGL3</i>	TSS200
cg26847866	8	27,492,077	3.7E-11	0.236	0.223	2.98E-29	0.146		<i>SCARA3</i>	Body
cg16722931	17	75,312,494	1.9E-17	0.236	0.222				<i>SEPT9</i>	5'UTR
cg03261800	9	36,985,761	9.6E-06	0.236	0.240				<i>PAX5</i>	Body
cg19457477	19	39,108,609	0.020783	0.236	0.225				<i>MAP4K1</i>	1stExon
cg03402605	10	134,257,269	0.000777	0.236	0.270				<i>C10orf91</i>	TSS1500
cg04850999	10	77,872,084	4.77E-07	0.236	0.215				<i>C10orf11</i>	Body
cg12758082	13	113,407,769	0.000232	0.236	0.123				<i>ATP11A</i>	Body
cg02028339	6	125,991,844	1.28E-08	0.236	0.236					
cg03277049	3	156,534,076	1.41E-05	0.236	0.265					
cg15989926	12	124,607,875	8.46E-30	0.236	0.234					
cg21219903	1	43,920,090	0.006363	0.236	0.225				<i>HYI</i>	TSS200
cg26953640	17	1,174,473	0.000515	0.236	0.273				<i>BHLHA9</i>	1stExon
cg01704698	16	84,941,294	2.68E-05	0.236	0.196				<i>CRISPLD2</i>	3'UTR
cg18561261	7	123,284,476	2.44E-12	0.236	0.226					
cg12284382	22	35,940,438	1.91E-06	0.236	0.215				<i>RASD2</i>	5'UTR
cg26581504	11	112,046,963	3.26E-18	0.236	0.216				<i>BCO2</i>	TSS200
cg01793445	1	167,632,415	1.66E-08	0.236	0.252				<i>RCSD1</i>	Body
cg02511456	7	156,801,419	0.000786	0.236	0.231				<i>MNX1</i>	Body
cg09832245	16	85,494,611	3.68E-11	0.236	0.228					
cg17173369	6	169,224,099	1.24E-08	0.236	0.219					
cg03489023	2	19,557,201	9.94E-06	0.236	0.244				<i>OSR1</i>	5'UTR
cg07786995	1	162,114,714	4.95E-06	0.236	0.223				<i>NOS1AP</i>	Body
cg09515953	19	38,747,355	0.002859	0.236	0.303				<i>PPP1R14A</i>	TSS200
cg02101486	7	96,652,245	0.004322	0.236	0.248	1.97E-14	0.230		<i>DLX5</i>	Body
cg13575011	19	16,022,472	9.89E-05	0.236	0.233					
cg14317414	9	109,991,376	8.45E-08	0.236	0.238					
cg01857019	15	57,210,107	0.001386	0.236	0.206				<i>LOC145783</i>	Body
cg11854183	19	38,741,928	0.00012	0.236	0.218				<i>PPP1R14A</i>	3'UTR
cg05144259	7	157,808,584	1.41E-13	0.236	0.256				<i>PTPRN2</i>	Body

cg13638427	6	29,617,320	0.002456	0.236	0.147					
cg20099830	12	114,842,031	0.005282	0.236	0.260				<i>TBX5</i>	5'UTR
cg20917077	7	129,996,313	2.73E-12	0.236	0.207				<i>CPA5</i>	Body
cg16655084	1	184,005,896	0.011405	0.236	0.168				<i>GLT25D2</i>	Body
cg13278353	2	208,635,942	3.6E-10	0.236	0.226					
cg13218688	18	72,125,544	2.3E-08	0.236	0.195				<i>FAM69C</i>	TSS1500
cg06420480	17	78,923,244	1.03E-20	0.236	0.239				<i>RPTOR</i>	Body
cg08555653	3	138,659,021	0.000175	0.236	0.239					
cg02773945	1	200,011,858	0.019246	0.236	0.261				<i>NR5A2</i>	Body
cg13502125	1	147,826,191	3.29E-09	0.236	0.244					
cg15794778	Y	21,665,021	0.014256	0.236	0.192				<i>BCORL2</i>	Body
cg24056567	8	18,871,909	0.007174	0.236	0.127	8.24E-14	0.158		<i>PSD3</i>	TSS1500
cg04555312	12	54,389,114	0.006922	0.236	0.205					
cg06324373	10	99,734,805	0.000597	0.236	0.257				<i>CRTAC1</i>	Body
cg08119655	11	7,595,925	1.92E-10	0.236	0.231				<i>PPFIBP2</i>	Body
cg16519842	1	149,399,911	7.4E-09	0.236	0.180				<i>HIST2H2BF</i>	TSS1500
cg07212778	2	119,916,510	0.00294	0.236	0.220				<i>C1QL2</i>	TSS200
cg02235562	13	36,729,137	0.000835	0.236	0.189					
cg04277821	6	150,572,395	6.23E-09	0.236	0.185					
cg14344989	9	137,329,237	6.88E-13	0.236	0.238				<i>RXRA</i>	3'UTR
cg18376817	15	64,438,372	1.06E-26	0.236	0.227					
cg13943560	X	40,004,481	4.56E-06	0.236	0.159				<i>BCOR</i>	5'UTR
cg09000800	17	4,545,081	0.020553	0.236	0.367				<i>ALOX15</i>	TSS200
cg26754262	8	75,617,860	3.33E-13	0.236	0.254				<i>MIR2052</i>	TSS200
cg02694884	8	99,411,691	1.86E-24	0.236	0.240					
cg16924045	2	191,343,262	0.000124	0.236	0.210				<i>MFSD6</i>	Body
cg24460369	12	109,549,041	2.46E-07	0.236	0.175					
cg26376168	6	30,712,439	0.006957	0.236	0.207				<i>IER3</i>	TSS200
cg19592637	20	25,063,052	1.09E-08	0.236	0.211				<i>VSX1</i>	TSS1500
cg21553980	17	109,444	1.27E-09	0.236	0.212				<i>RPH3AL</i>	Body
cg27333706	1	209,602,002	6.55E-05	0.236	0.135				<i>LOC642587</i>	TSS200
cg09664054	1	42,179,097	1.38E-22	0.236	0.236				<i>HIVEP3</i>	5'UTR
cg19556613	5	116,280,275	1.41E-11	0.236	0.232					
cg24674635	20	6,750,696	0.007389	0.236	0.277				<i>BMP2</i>	5'UTR

cg15423872	8	58,906,736	0.028045	0.236	0.133				<i>FAM110B</i>	TSS1500
cg16214653	15	100,048,500	5.98E-05	0.236	0.205					
cg19250989	1	147,752,892	5.64E-05	0.236	0.252					
cg01494399	16	81,709,890	8.1E-11	0.236	0.247				<i>CMIP</i>	Body
cg05730368	6	42,146,052	7.28E-10	0.236	0.217				<i>GUCA1A</i>	Body
cg07502417	1	230,849,801	0.00048	0.236	0.245				<i>AGT</i>	5'UTR
cg14457691	X	100,740,937	0.000653	0.236	0.171	2.06E-17	0.184		<i>ARMCX4</i>	Body
cg04447362	2	237,654,635	5.77E-08	0.236	0.193					
cg05551825	7	5,735,129	8.17E-06	0.236	0.216				<i>RNF216</i>	Body
cg13303069	2	85,361,842	0.000745	0.236	0.280				<i>TCF7L1</i>	Body
cg11676353	1	39,548,001	6.76E-12	0.236	0.248				<i>MACF1</i>	5'UTR
cg03423916	1	153,670,787	8.92E-05	0.236	0.233					
cg17585615	21	46,128,908	0.019559	0.236	0.258				<i>C21orf29</i>	Body
cg02222324	2	10,231,621	0.002417	0.236	0.227					
cg13290371	7	5,518,071	3.6E-11	0.236	0.224				<i>FBXL18</i>	3'UTR
cg23986620	2	177,012,706	7.96E-09	0.236	0.214					
cg10189261	14	101,176,105	0.001863	0.236	0.205					
cg25529875	6	13,413,705	1.26E-16	0.236	0.242				<i>GFOD1</i>	Body
cg04510874	15	91,427,884	0.005671	0.236	0.164				<i>FES</i>	5'UTR
cg09493406	7	91,765,513	1.38E-18	0.236	0.199				<i>CYP51A1</i>	TSS1500
cg10572355	1	119,549,145	0.007266	0.236	0.217					
cg11642106	3	27,772,805	0.000641	0.236	0.255					
cg14582917	9	132,262,821	9.06E-18	0.236	0.247					
cg25625968	5	38,464,319	1.13E-07	0.236	0.256				<i>EGFLAM</i>	3'UTR
cg13274938	17	38,493,822	3.45E-17	0.236	0.229				<i>RARA</i>	Body
cg27385193	7	21,208,954	1.26E-07	0.236	0.213					
cg14410476	2	95,693,023	0.003622	0.236	0.247				<i>MAL</i>	Body
cg23227259	2	132,152,543	0.00027	0.236	0.261					
cg01336781	8	23,563,182	0.001064	0.236	0.189				<i>NKX2-6</i>	Body
cg01402631	5	136,359,400	7.03E-10	0.236	0.208				<i>SPOCK1</i>	Body
cg05121006	4	85,402,397	0.006879	0.236	0.237					
cg21540621	11	115,531,033	1.01E-06	0.236	0.200					
cg01697487	17	48,588,559	7.55E-06	0.236	0.241				<i>MYCBPAP</i>	Body
cg12619509	16	2,286,601	0.003891	0.236	0.129	9.86E-11	0.134		<i>DNASE1L2</i>	5'UTR

cg06872822	5	6,582,121	6.17E-15	0.236	0.249				<i>LOC255167</i>	TSS1500
cg03130910	1	234,908,226	0.029539	0.236	0.149					
cg20599967	2	119,592,754	0.001339	0.236	0.204					
cg22010052	5	115,298,704	1.4E-06	0.236	0.229				<i>LVRN</i>	1stExon
cg26031954	1	2,139,327	1.09E-12	0.236	0.230				<i>C1orf86</i>	TSS200
cg06083669	20	3,189,437	0.003041	0.236	0.221				<i>ITPA</i>	TSS1500
cg08639389	4	26,995,889	1.2E-16	0.236	0.234				<i>STIM2</i>	Body
cg20264966	10	68,688,049	0.000538	0.236	0.223				<i>CTNNA3</i>	Body
cg09430647	10	106,247,914	0.012298	0.236	0.192					
cg03131724	11	58,731,433	0.00014	0.236	0.201					
cg26259363	2	220,282,281	5.22E-09	0.236	0.252	4.71E-26	0.260		<i>DES</i>	TSS1500
cg13720639	14	72,061,746	3.43E-08	0.235	0.220			Yes	<i>SIPA1L1</i>	Body
cg23012600	1	244,088,110	1.02E-12	0.235	0.218					
cg25508679	6	28,956,403	3.86E-06	0.235	0.232					
cg14916924	9	129,433,969	6.95E-10	0.235	0.231				<i>LMX1B</i>	Body
cg00040837	1	236,081,097	5.68E-05	0.235	0.224			Yes		
cg03605610	6	41,394,765	4.24E-17	0.235	0.220					
cg09943716	20	55,202,236	3.99E-05	0.235	0.236					
cg27002699	19	11,689,538	0.000184	0.235	0.235				<i>ACP5</i>	TSS1500
cg01776188	5	172,664,082	0.00015	0.235	0.216					
cg14213692	4	6,732,388	1.43E-06	0.235	0.251					
cg17864046	6	166,422,341	0.002323	0.235	0.198					
cg20292636	1	204,328,377	9.9E-18	0.235	0.237				<i>PLEKHA6</i>	5'UTR
cg26310273	3	55,377,420	5.9E-15	0.235	0.220					
cg04221521	5	72,597,715	0.000139	0.235	0.174					
cg04659582	2	231,276,073	1.1E-05	0.235	0.180					
cg12018969	2	43,350,413	2.32E-14	0.235	0.234			Yes		
cg20822858	6	134,499,519	0.006599	0.235	0.273				<i>SGK1</i>	Body
cg09940032	8	142,215,736	0.047377	0.235	0.173					
cg23207990	4	154,710,535	0.00328	0.235	0.298				<i>SFRP2</i>	TSS1500
cg18297437	3	147,131,332	4.12E-07	0.235	0.260				<i>ZIC1</i>	Body
cg03085785	7	27,247,651	4.69E-05	0.235	0.235					
cg26397549	14	37,116,121	3.8E-05	0.235	0.227					
cg03692563	11	31,846,414	0.000838	0.235	0.264					

cg16365064	5	172,984,486	4.4E-14	0.235	0.213					
cg27204671	17	46,831,623	5.59E-06	0.235	0.222					
cg17759535	1	200,010,137	0.007495	0.235	0.293				NR5A2	Body
cg02027878	7	150,711,138	2.32E-06	0.235	0.211				ATG9B	3'UTR
cg09229918	16	2,041,916	4.31E-05	0.235	0.206				SYNGR3	Body
cg09267056	1	90,410,109	2.88E-10	0.235	0.214					
cg22624907	1	80,447,732	0.014559	0.235	0.135					
cg04224064	14	36,992,233	1.97E-05	0.235	0.257					
cg08884974	15	31,505,024	0.017754	0.235	0.127					
cg09550083	2	66,672,337	2.11E-06	0.235	0.244				MEIS1	Body
cg12235877	12	323,392	0.012964	0.235	0.307				SLC6A12	TSS1500
cg15087907	10	3,169,259	0.033098	0.235	0.077				PFKP	Body
cg04864807	2	121,412,139	1.25E-09	0.235	0.231					
cg09018299	16	24,748,339	2.25E-08	0.235	0.248				TNRC6A	Body
cg10184983	17	36,734,911	1.49E-05	0.235	0.224				SRCIN1	Body
cg06393679	7	7,140,086	1.48E-07	0.235	0.203					
cg09178385	1	35,246,759	4.01E-08	0.235	0.186				GJB3	TSS200
cg14015656	9	100,070,142	0.006879	0.235	0.169				KIAA1529	Body
cg17654970	2	163,027,484	0.000252	0.235	0.179				FAP	3'UTR
cg00743094	13	100,547,968	0.000412	0.235	0.210				CLYBL	3'UTR
cg09571713	4	168,154,775	0.004906	0.235	0.280				SPOCK3	Body
cg01777643	1	224,805,287	0.01186	0.235	0.201				CNIH3	Body
cg22798214	1	212,692,190	4.42E-07	0.235	0.213					
cg24530432	4	174,428,060	0.008785	0.235	0.238					
cg03475190	7	30,919,932	1.55E-08	0.235	0.201				FAM188B	Body
cg20643029	21	37,915,044	5.48E-08	0.235	0.215				CLDN14	TSS200
cg25320780	1	110,933,345	4.94E-08	0.235	0.223				SLC16A4	5'UTR
cg27662789	12	43,666,281	2.55E-12	0.235	0.199					
cg03350138	6	28,446,794	0.000166	0.235	0.202					
cg25600766	12	22,486,484	0.000134	0.235	0.202				ST8SIA1	Body
cg26382697	11	2,406,712	3.36E-17	0.235	0.212				CD81	Body
cg24985060	15	25,920,220	4.09E-06	0.235	0.199					
cg01254505	19	17,516,470	1.21E-06	0.235	0.201	3.37E-14	0.127		BST2	TSS200
cg01478234	12	107,975,299	3.35E-13	0.235	0.216				BTBD11	Body

cg06133205	13	50,701,960	5.09E-05	0.235	0.241					
cg18698884	11	16,632,724	0.004058	0.235	0.195					
cg09912079	4	3,409,828	1.17E-11	0.235	0.209				<i>RGS12</i>	Body
cg16231241	6	33,215,838	0.000725	0.235	0.243					
cg16563171	2	223,156,106	0.001884	0.235	0.202				<i>PAX3</i>	Body
cg26626663	8	121,137,879	0.004191	0.235	0.291				<i>COL14A1</i>	5'UTR
cg27577554	17	30,412,142	1.09E-06	0.235	0.211					
cg01347682	4	140,656,794	9.13E-05	0.235	0.209				<i>MAML3</i>	Body
cg14098223	1	2,262,333	3.37E-06	0.235	0.247				<i>MORN1</i>	Body
cg25701646	3	57,969,522	7.44E-06	0.235	0.217					
cg00525383	X	136,647,793	0.000145	0.235	0.273				<i>ZIC3</i>	TSS1500
cg05239310	14	95,651,984	2.29E-07	0.235	0.224				<i>CLMN</i>	3'UTR
cg09507761	5	96,152,293	1.4E-05	0.235	0.222					
cg01202519	11	85,645,743	9.22E-16	0.235	0.248					
cg18836366	13	24,007,560	0.006138	0.235	0.140				<i>SACS</i>	5'UTR
cg03547017	17	37,031,281	2.72E-09	0.235	0.226				<i>LASP1</i>	Body
cg23452752	2	10,572,946	0.000556	0.235	0.170					
cg26506007	17	41,939,449	8.17E-13	0.235	0.249				<i>CD300LG</i>	3'UTR
cg03731473	2	130,901,674	6.22E-07	0.235	0.206				<i>CCDC74B</i>	Body
cg08545287	16	6,069,047	0.031054	0.235	0.234				<i>A2BP1</i>	TSS200
cg16565394	6	100,896,674	0.001159	0.235	0.268				<i>SIM1</i>	Body
cg05477457	4	169,799,308	0.002809	0.235	0.134				<i>PALLD</i>	Body
cg20823772	8	99,962,013	1.42E-07	0.235	0.236				<i>OSR2</i>	Body
cg03020951	6	34,203,887	1.48E-05	0.235	0.225	3.89E-16	0.191		<i>HMGA1</i>	TSS1500
cg16079347	9	100,265,181	2.44E-08	0.235	0.198				<i>TMOD1</i>	5'UTR
cg01341487	22	43,505,954	7.67E-10	0.235	0.176				<i>BIK</i>	TSS1500
cg04441405	5	1,877,309	6.78E-07	0.235	0.212					
cg08461451	19	2,295,092	2.21E-11	0.235	0.210				<i>LINGO3</i>	5'UTR
cg07696842	12	105,089,508	0.001044	0.235	0.179				<i>CHST11</i>	Body
cg08566449	6	31,631,706	9.57E-08	0.235	0.246				<i>BAT4</i>	Body
cg14221171	7	97,361,759	0.000272	0.235	0.247	1.03E-18	0.168		<i>TAC1</i>	5'UTR
cg06267617	1	172,291,727	5.42E-14	0.235	0.225				<i>DNM3</i>	Body
cg15530351	8	6,407,676	7.16E-06	0.235	0.210				<i>ANGPT2</i>	Body
cg03339609	19	34,662,636	1.9E-05	0.235	0.239				<i>LSM14A</i>	TSS1500

cg09100271	8	48,675,911	1.3E-05	0.235	0.171					
cg18892169	1	150,737,762	0.000715	0.235	0.194				<i>CTSS</i>	5'UTR
cg24805875	6	117,086,941	0.017595	0.235	0.198				<i>FAM162B</i>	TSS200
cg04110105	3	46,395,356	0.001599	0.235	0.225				<i>CCR2</i>	5'UTR
cg25819602	7	96,627,634	0.036524	0.235	0.310				<i>DLX6AS</i>	Body
cg04971534	17	27,333,432	0.005228	0.235	0.239				<i>SEZ6</i>	TSS1500
cg06126593	16	20,910,405	0.000262	0.235	0.249				<i>LYRM1</i>	TSS1500
cg12172441	6	28,176,163	0.003374	0.235	0.284					
cg26530713	1	153,928,406	3.35E-31	0.235	0.221				<i>CRTC2</i>	Body
cg11390690	10	86,120,572	7.7E-08	0.235	0.244				<i>FAM190B</i>	5'UTR
cg12338137	2	218,701,429	2.63E-08	0.235	0.221				<i>TNS1</i>	Body
cg13677415	17	35,291,900	0.000443	0.235	0.235					
cg17882660	13	100,637,258	0.000422	0.235	0.212				<i>ZIC2</i>	Body
cg10129665	12	54,133,618	0.003839	0.235	0.170					
cg14037769	1	9,895,799	3.43E-12	0.235	0.220					
cg21049587	X	46,938,148	6.91E-08	0.235	0.246				<i>RGN</i>	5'UTR
cg26365545	5	76,932,016	0.006989	0.235	0.270				<i>OTP</i>	Body
cg23244289	5	79,331,135	0.035889	0.235	0.138				<i>THBS4</i>	5'UTR
cg20492922	1	39,194,066	0.008246	0.235	0.140					
cg07919145	22	39,780,408	1.3E-11	0.235	0.229				<i>SYNGR1</i>	3'UTR
cg13023646	4	165,898,835	2.12E-07	0.235	0.219				<i>TRIM61</i>	TSS200
cg15312264	14	55,907,299	0.000105	0.235	0.218				<i>TBPL2</i>	TSS200
cg23262274	1	38,412,519	3.9E-06	0.235	0.217				<i>INPP5B</i>	5'UTR
cg04496791	6	41,395,094	0.004735	0.235	0.158					
cg01490094	8	72,917,363	0.019489	0.235	0.298					
cg11072113	11	61,063,124	2.02E-19	0.235	0.212				<i>VWCE</i>	TSS1500
cg14260530	9	117,157,871	1.65E-22	0.235	0.206				<i>AKNA</i>	TSS1500
cg16546861	X	49,022,452	1.35E-07	0.235	0.174				<i>MAGIX</i>	Body
cg24771804	18	55,107,755	0.002348	0.235	0.302				<i>ONECUT2</i>	Body
cg16592832	22	24,891,141	0.034196	0.235	0.266				<i>C22orf45</i>	TSS1500
cg27342837	2	188,419,568	0.00924	0.235	0.215				<i>TFPI</i>	TSS1500
cg00169725	5	176,543,901	0.041208	0.235	0.224					
cg17924476	5	323,794	2.86E-09	0.235	0.246				<i>AHRR</i>	Body
cg22578843	13	28,495,598	0.017599	0.235	0.208				<i>PDX1</i>	Body

cg04339553	15	37,307,513	0.010655	0.235	0.240				<i>MEIS2</i>	Body
cg09477232	7	106,061,801	1.6E-06	0.235	0.230					
cg01363324	9	124,979,353	3.16E-11	0.235	0.223				<i>LHX6</i>	Body
cg23047271	3	64,210,991	0.000332	0.235	0.197	1.01E-07	0.102		<i>PRICKLE2</i>	1stExon
cg07492518	20	443,641	0.001463	0.235	0.291				<i>TBC1D20</i>	TSS1500
cg15053022	19	36,048,484	2.65E-06	0.235	0.223				<i>ATP4A</i>	Body
cg03821689	11	117,748,187	5.26E-05	0.235	0.195				<i>FXVD6</i>	TSS1500
cg20026939	18	44,788,898	0.005684	0.235	0.213					
cg01779383	10	94,180,753	7.99E-06	0.235	0.202					
cg03763874	19	933,707	6.37E-12	0.235	0.242				<i>ARID3A</i>	Body
cg05469885	3	124,103,652	4.05E-08	0.235	0.208				<i>KALRN</i>	Body
cg24479524	1	20,512,796	3.58E-05	0.235	0.220				<i>UBXN10</i>	5'UTR
cg16966962	1	201,915,989	0.013282	0.235	0.086				<i>LMOD1</i>	TSS1500
cg10749912	10	99,531,934	0.029712	0.235	0.194				<i>SFRP5</i>	TSS200
cg11071207	1	110,611,218	0.000321	0.235	0.242				<i>ALX3</i>	Body
cg11635839	11	129,243,456	0.001087	0.235	0.292					
cg24936799	10	99,798,395	5.36E-05	0.235	0.244					
cg00901493	17	7,197,375	0.000179	0.235	0.172	8.77E-18	0.174		<i>YBX2</i>	Body
cg04352288	16	87,958,407	0.001109	0.235	0.133				<i>CA5A</i>	Body
cg05979400	2	27,295,591	5.45E-11	0.235	0.228				<i>LOC100128731</i>	TSS1500
cg27209729	11	64,428,925	5.81E-09	0.235	0.239				<i>NRXN2</i>	Body
cg14031365	7	20,816,695	5.96E-06	0.235	0.194					
cg17374433	10	119,876,327	0.014436	0.235	0.189				<i>CASC2</i>	Body
cg00318947	7	27,154,914	2.3E-10	0.235	0.227				<i>HOXA3</i>	5'UTR
cg24262325	21	43,305,576	1.08E-10	0.235	0.180				<i>C2CD2</i>	3'UTR
cg03270710	2	74,729,592	0.000398	0.235	0.248				<i>LBX2</i>	Body
cg05265484	17	52,977,445	0.000436	0.235	0.201				<i>TOM1L1</i>	TSS1500
cg06470626	16	22,364,961	8.88E-06	0.235	0.232				<i>CDR2</i>	Body
cg07021052	2	20,871,279	0.000304	0.235	0.271					
cg23881926	8	59,058,656	1.57E-06	0.235	0.223				<i>FAM110B</i>	5'UTR
cg07312701	13	46,189,883	0.022181	0.235	0.282				<i>FAM194B</i>	TSS200
cg12150784	11	119,613,308	0.000513	0.235	0.217					
cg05576245	7	138,719,784	2.69E-16	0.235	0.230				<i>ZC3HAV1L</i>	Body
cg13877315	9	140,172,089	4.56E-06	0.235	0.233				<i>C9orf167</i>	TSS200



cg15632862	1	38,471,572	0.000992	0.235	0.153				<i>FHL3</i>	TSS1500
cg19803952	20	44,036,136	1.91E-12	0.235	0.218				<i>DBNDD2</i>	5'UTR
cg20820622	15	70,354,647	1.39E-17	0.235	0.239				<i>TLE3</i>	Body
cg13918433	7	115,779,350	8.01E-15	0.235	0.235					
cg17714010	17	78,968,450	7.51E-10	0.235	0.235				<i>CHMP6</i>	Body
cg17868936	1	76,053,565	0.004194	0.235	0.232				<i>SLC44A5</i>	5'UTR
cg07229760	11	130,596,374	6.67E-20	0.235	0.230					
cg14834903	14	73,712,902	0.000954	0.235	0.260				<i>PAPLN</i>	Body
cg26061357	7	150,969,275	2.1E-05	0.235	0.254				<i>SMARCD3</i>	Body
cg04739880	6	35,017,865	0.00011	0.235	0.223				<i>ANKS1A</i>	Body
cg12938020	2	177,027,075	0.005772	0.235	0.164					
cg00698916	6	13,767,628	1.78E-08	0.235	0.232					
cg20417500	5	73,109,241	8.3E-07	0.235	0.270				<i>RGNEF</i>	Body
cg18233786	8	23,260,961	0.003161	0.235	0.183				<i>LOXL2</i>	5'UTR
cg01922437	12	67,461,690	5.48E-17	0.235	0.228					
cg05927714	17	36,734,660	1.06E-05	0.235	0.223				<i>SRCIN1</i>	Body
cg21494776	19	10,397,780	4.29E-08	0.235	0.218	2.92E-13	0.115		<i>ICAM4</i>	1stExon
cg03329019	1	221,051,117	4.43E-10	0.234	0.231					
cg10020892	1	147,016,901	5.77E-10	0.234	0.230				<i>BCL9</i>	5'UTR
cg10061736	X	133,756,545	4.35E-07	0.234	0.221				<i>PLAC1</i>	5'UTR
cg22280258	17	4,545,157	0.021506	0.234	0.260				<i>ALOX15</i>	TSS200
cg01816186	2	15,310,191	2.52E-08	0.234	0.218				<i>NBAS</i>	Body
cg04243401	14	37,128,378	0.000177	0.234	0.238				<i>PAX9</i>	5'UTR
cg15611624	5	156,886,970	0.016153	0.234	0.119				<i>NIPAL4</i>	TSS200
cg25065716	10	1,422,865	1.53E-10	0.234	0.242				<i>ADARB2</i>	Body
cg02378006	10	73,026,288	1.23E-06	0.234	0.226				<i>UNC5B</i>	Body
cg03863486	6	138,724,410	7.59E-08	0.234	0.226				<i>HEBP2</i>	TSS1500
cg05118764	3	183,993,721	0.009732	0.234	0.215				<i>ECE2</i>	TSS200
cg19741167	2	86,263,270	0.015105	0.234	0.321				<i>POLR1A</i>	Body
cg04601957	2	105,467,144	0.000457	0.234	0.258					
cg22310648	3	58,603,027	0.000799	0.234	0.222					
cg23130075	11	67,418,365	3.14E-11	0.234	0.238				<i>ACY3</i>	TSS1500
cg26564117	22	28,249,567	9.16E-12	0.234	0.236				<i>PITPNB</i>	3'UTR
cg01093786	11	96,047,698	0.00212	0.234	0.226				<i>MAML2</i>	Body

cg03774463	7	96,636,616	7.32E-06	0.234	0.227				<i>DLX6AS</i>	Body
cg04552451	8	144,852,873	0.000606	0.234	0.232					
cg23250528	15	29,423,177	4.43E-06	0.234	0.226				<i>FAM189A1</i>	Body
cg25313930	2	225,266,783	0.020851	0.234	0.276				<i>FAM124B</i>	TSS200
cg24864511	1	6,480,516	0.00083	0.234	0.218				<i>HES2</i>	TSS1500
cg03820828	2	219,922,362	1.22E-05	0.234	0.268				<i>IHH</i>	Body
cg27544405	1	14,108,975	1.22E-09	0.234	0.211				<i>PRDM2</i>	Body
cg24328539	15	45,671,016	0.000871	0.234	0.208				<i>LOC145663</i>	Body
cg01207473	6	159,359,940	5.41E-09	0.234	0.214					
cg02620769	12	49,298,070	0.006826	0.234	0.220	6.66E-15	0.164		<i>CCDC65</i>	1stExon
cg21684845	18	19,755,501	1.02E-22	0.234	0.209				<i>GATA6</i>	Body
cg04455999	X	119,444,838	0.036942	0.234	0.182	8.22E-09	0.126		<i>FAM70A</i>	Body
cg12400025	6	111,913,206	4.83E-10	0.234	0.225				<i>TRAF3IP2</i>	Body
cg25075794	7	30,951,392	6.22E-07	0.234	0.218				<i>AQP1</i>	TSS200
cg25168494	2	63,286,355	3.85E-22	0.234	0.229					
cg19868007	6	29,691,890	0.002253	0.234	0.232				<i>HLA-F</i>	Body
cg26992010	15	89,951,870	0.000126	0.234	0.258					
cg18771300	14	63,671,737	1.07E-06	0.234	0.205	3.1E-08	0.100		<i>RHOJ</i>	1stExon
cg19024632	2	18,059,103	0.000846	0.234	0.124				<i>KCNS3</i>	TSS1500
cg24000814	3	184,301,730	0.000406	0.234	0.219					
cg25644224	7	158,195,876	3.26E-08	0.234	0.205				<i>PTPRN2</i>	Body
cg20507963	4	13,541,863	0.008293	0.234	0.203					
cg26711508	8	119,750,651	3.25E-05	0.234	0.235					
cg02066681	21	46,823,800	3.76E-08	0.234	0.190	3.01E-23	0.174		<i>COL18A1</i>	TSS1500
cg07204662	11	64,081,430	6.22E-21	0.234	0.271				<i>ESRRA</i>	Body
cg09830083	5	131,561,058	3.03E-23	0.234	0.222				<i>P4HA2</i>	5'UTR
cg18789547	3	42,307,799	3.08E-07	0.234	0.231				<i>CCK</i>	TSS1500
cg00046899	13	97,777,690	0.000839	0.234	0.243					
cg03693105	7	151,108,340	1.66E-05	0.234	0.230				<i>WDR86</i>	TSS1500
cg10135197	3	126,854,676	3.31E-10	0.234	0.204					
cg10639585	12	130,387,131	0.006722	0.234	0.228				<i>TMEM132D</i>	Body
cg24008577	3	62,353,504	0.007097	0.234	0.194					
cg19285800	13	21,520,379	1.46E-06	0.234	0.210					
cg25720804	5	170,736,389	0.009542	0.234	0.252	1.31E-13	0.239		<i>TLX3</i>	1stExon

cg26113448	6	27,248,065	0.016178	0.234	0.199					
cg07650504	12	48,397,055	0.001261	0.234	0.185				<i>COL2A1</i>	Body
cg11571124	12	122,851,438	4.56E-06	0.234	0.188				<i>CLIP1</i>	Body
cg16283208	11	59,323,398	0.000201	0.234	0.226					
cg07451080	3	44,041,025	0.041762	0.234	0.209					
cg03215422	5	135,266,509	8.91E-07	0.234	0.231				<i>FBXL21</i>	5'UTR
cg17705334	10	81,002,615	0.011184	0.234	0.154				<i>ZMIZ1</i>	Body
cg04153740	16	54,971,018	0.014011	0.234	0.294					
cg08111832	14	24,868,082	0.005339	0.234	0.114				<i>NYNRIN</i>	1stExon
cg08549332	7	101,558,461	3.73E-32	0.234	0.230				<i>CUX1</i>	Body
cg11308643	11	105,480,788	5.45E-05	0.234	0.213				<i>GRIA4</i>	TSS200
cg14415629	11	33,033,607	3.69E-05	0.234	0.215					
cg27152890	19	45,900,241	1.64E-15	0.234	0.228				<i>PPP1R13L</i>	Body
cg13792913	11	118,026,593	1.52E-15	0.234	0.218					
cg27405731	7	101,571,203	2.15E-14	0.234	0.210				<i>CUX1</i>	Body
cg04105342	4	30,724,841	3.66E-10	0.234	0.232				<i>PCDH7</i>	1stExon
cg14794298	11	13,336,674	3.64E-14	0.234	0.228				<i>ARNTL</i>	5'UTR
cg18964775	10	102,890,986	0.018618	0.234	0.155				<i>TLX1</i>	TSS200
cg25828185	12	54,455,656	1.13E-05	0.234	0.184				<i>FLJ12825</i>	Body
cg00253228	8	145,025,610	1.51E-07	0.234	0.226				<i>PLEC1</i>	Body
cg15739913	3	4,722,338	5.1E-17	0.234	0.226				<i>ITPR1</i>	Body
cg23758703	10	114,610,508	1.65E-05	0.234	0.275				<i>LOC143188</i>	TSS200
cg26109199	21	34,755,747	2.49E-08	0.234	0.262					
cg14262955	9	132,114,769	5.07E-10	0.234	0.185					
cg05915892	18	673,911	3.16E-07	0.234	0.253				<i>ENOSF1</i>	3'UTR
cg07243147	7	150,744,274	1.06E-09	0.234	0.201				<i>ACCN3</i>	TSS1500
cg18522038	17	30,568,596	4.49E-05	0.234	0.239					
cg19812432	17	19,351,904	1.33E-11	0.234	0.240					
cg23734137	15	96,868,114	1.15E-07	0.234	0.217				<i>NR2F2</i>	TSS1500
cg15759056	7	87,229,552	0.001519	0.234	0.171				<i>ABCB1</i>	5'UTR
cg07741192	16	4,690,013	2.47E-20	0.234	0.215				<i>MGRN1</i>	Body
cg15684724	8	67,875,033	0.009563	0.234	0.204					
cg02602182	X	40,026,844	0.043343	0.234	0.274				<i>BCOR</i>	5'UTR
cg07208853	1	200,005,219	0.003315	0.234	0.272				<i>NR5A2</i>	Body

cg13608733	11	8,228,022	1.4E-05	0.234	0.221					
cg16170614	4	24,802,387	1.15E-08	0.234	0.219				<i>SOD3</i>	3'UTR
cg19952015	7	105,432,653	7.77E-09	0.234	0.227				<i>ATXN7L1</i>	Body
cg04466549	8	23,567,747	1.57E-05	0.234	0.222					
cg06793867	19	7,927,374	3.63E-08	0.234	0.206				<i>EVI5L</i>	Body
cg23913995	20	21,490,665	0.014017	0.234	0.259					
cg25890640	11	68,610,632	0.000102	0.234	0.225				<i>CPT1A</i>	TSS1500
cg02732252	16	3,068,014	0.001626	0.234	0.254				<i>CLDN6</i>	5'UTR
cg04121415	3	38,325,566	3.42E-13	0.234	0.231					
cg07847030	2	85,361,959	0.004815	0.234	0.259				<i>TCF7L1</i>	Body
cg09784934	2	177,023,062	0.000425	0.234	0.268					
cg25030888	1	67,156,909	2.99E-05	0.234	0.228				<i>SGIP1</i>	Body
cg06133670	7	127,744,553	0.002815	0.234	0.207					
cg08460812	4	109,087,419	9.73E-05	0.234	0.233				<i>LOC641518</i>	TSS1500
cg20034617	9	140,172,277	3.37E-07	0.234	0.222				<i>C9orf167</i>	TSS200
cg15833534	1	31,845,985	0.007461	0.234	0.132				<i>FABP3</i>	TSS200
cg02319318	8	81,639,711	0.007449	0.234	0.191				<i>ZNF704</i>	Body
cg14751369	12	117,042,332	4.87E-05	0.234	0.238					
cg24713122	11	46,389,164	1.22E-13	0.234	0.233				<i>DGKZ</i>	Body
cg25298725	6	30,228,047	0.00247	0.234	0.205				<i>HLA-L</i>	Body
cg06427054	4	54,963,174	7.58E-09	0.234	0.255					
cg06854842	2	26,947,187	9.23E-20	0.234	0.212				<i>KCNK3</i>	Body
cg23651826	11	115,630,531	0.001493	0.234	0.176					
cg00328075	8	12,989,417	2.44E-07	0.234	0.189				<i>DLC1</i>	Body
cg19401033	3	107,148,372	4.11E-05	0.234	0.203					
cg23037133	13	97,646,811	0.006953	0.234	0.295	4.39E-19	0.223		<i>OXGR1</i>	TSS1500
cg15333426	4	10,463,620	0.000613	0.234	0.252					
cg10828904	10	126,703,991	0.000102	0.234	0.218				<i>CTBP2</i>	Body
cg11898347	Y	2,655,866	0.022781	0.234	0.256				<i>SRY</i>	TSS200
cg00001583	1	200,011,786	0.039099	0.234	0.217				<i>NR5A2</i>	Body
cg02689863	13	95,357,832	1.88E-05	0.234	0.214					
cg08553437	4	122,686,456	0.018744	0.234	0.144				<i>TMEM155</i>	TSS200
cg01081263	11	9,112,471	9.06E-09	0.234	0.168	1.41E-08	0.127		<i>SCUBE2</i>	Body
cg22024120	6	30,696,029	0.003219	0.234	0.293				<i>FLOT1</i>	Body

cg00980581	6	36,238,095	0.000429	0.234	0.237				<i>PNPLA1</i>	5'UTR
cg09246103	1	8,456,466	0.000247	0.234	0.164				<i>RERE</i>	5'UTR
cg22480558	5	150,461,211	0.000524	0.234	0.178				<i>TNIP1</i>	TSS1500
cg03241909	11	64,952,034	4.41E-11	0.234	0.224				<i>CAPN1</i>	Body
cg09718037	12	117,042,854	0.007673	0.234	0.238					
cg21878149	1	221,052,023	0.007149	0.234	0.222				<i>HLX</i>	TSS1500
cg20972142	19	20,189,112	0.001735	0.234	0.220				<i>ZNF90</i>	Body
cg23553576	11	85,451,557	0.000238	0.234	0.166				<i>SYTL2</i>	Body
cg01300317	12	110,316,883	4.43E-06	0.234	0.202				<i>GLTP</i>	Body
cg20963227	4	41,868,203	3.16E-05	0.234	0.219					
cg00723997	X	48,690,473	0.020721	0.234	0.303				<i>PCSK1N</i>	Body
cg12897164	8	124,529,273	4.95E-05	0.234	0.236				<i>FBXO32</i>	5'UTR
cg00022997	6	31,650,808	8.6E-07	0.234	0.276					
cg06492372	2	97,573,176	0.014078	0.234	0.234				<i>FAM178B</i>	Body
cg13547644	1	229,569,608	0.000588	0.234	0.240	4.28E-14	0.217		<i>ACTA1</i>	5'UTR
cg19784721	10	126,043,521	0.000439	0.234	0.166					
cg24932585	19	12,666,317	3.5E-06	0.234	0.235					
cg05580671	8	38,006,196	0.022285	0.234	0.234				<i>STAR</i>	Body
cg15393275	2	45,165,193	0.000483	0.234	0.230					
cg24458609	11	56,948,015	0.012624	0.234	0.236				<i>LRRC55</i>	TSS1500
cg25149238	2	45,030,384	2.08E-05	0.234	0.242					
cg27065254	17	71,289,332	5.87E-13	0.234	0.222				<i>CDC42EP4</i>	5'UTR
cg03740162	9	1,050,680	0.022698	0.234	0.251				<i>DMRT2</i>	1stExon
cg06193628	2	228,526,145	1E-09	0.234	0.226					
cg06984848	16	85,320,722	1.06E-18	0.234	0.210					
cg08310837	16	67,572,860	2.82E-07	0.234	0.207				<i>FAM65A</i>	Body
cg16736018	1	156,661,648	1.13E-14	0.234	0.219					
cg23657099	7	1,102,138	7.75E-15	0.234	0.231				<i>C7orf50</i>	Body
cg19651341	4	8,012,338	2.85E-05	0.234	0.194				<i>ABLIM2</i>	Body
cg27177983	4	25,033,126	0.005741	0.234	0.201				<i>LGI2</i>	TSS1500
cg17929951	20	44,746,681	0.003757	0.234	0.313				<i>CD40</i>	TSS1500
cg21871232	14	95,693,881	2.88E-05	0.234	0.157				<i>CLMN</i>	Body
cg23146833	3	171,175,866	5.99E-06	0.234	0.264				<i>TNIK</i>	Body
cg11616547	6	28,782,301	0.015819	0.234	0.253					

cg02407720	6	10,421,372	6.89E-05	0.234	0.267						
cg04314652	16	69,597,925	8.47E-08	0.234	0.216					<i>NFAT5</i>	TSS1500
cg04940329	17	39,093,054	8E-08	0.234	0.216					<i>KRT23</i>	5'UTR
cg16732175	19	49,250,180	0.002195	0.234	0.246					<i>IZUMO1</i>	TSS200
cg12235788	3	123,476,518	1.37E-11	0.234	0.180					<i>MYLK</i>	Body
cg17176619	13	99,218,657	3.23E-15	0.234	0.227					<i>STK24</i>	Body
cg19474865	11	83,733,268	0.002681	0.234	0.217					<i>DLG2</i>	Body
cg00456299	1	22,677,736	0.00239	0.234	0.187						
cg07828024	6	149,772,892	2.56E-16	0.234	0.222					<i>ZC3H12D</i>	Body
cg17351439	13	93,888,067	2.08E-05	0.234	0.253					<i>GPC6</i>	Body
cg07160932	16	29,888,733	1.94E-06	0.234	0.238					<i>SEZ6L2</i>	Body
cg08743812	5	71,014,736	0.020129	0.234	0.279					<i>CARTPT</i>	TSS1500
cg08844701	6	27,064,705	2.77E-05	0.234	0.181						
cg13234863	12	130,389,138	3.13E-05	0.234	0.202	5.38E-23	0.221			<i>TMEM132D</i>	TSS1500
cg06555468	7	2,094,790	1.02E-07	0.234	0.212					<i>MAD1L1</i>	Body
cg08387426	16	14,042,426	5.51E-14	0.234	0.226					<i>ERCC4</i>	3'UTR
cg16674484	5	149,887,497	3.41E-13	0.234	0.214					<i>NDST1</i>	TSS200
cg14870539	5	150,530,752	5.24E-09	0.234	0.224					<i>ANXA6</i>	5'UTR
cg03763518	1	150,245,044	9.12E-07	0.234	0.232					<i>C1orf54</i>	TSS200
cg05093169	11	71,955,401	0.005074	0.234	0.302					<i>PHOX2A</i>	TSS200
cg14115756	9	125,795,935	4.39E-14	0.234	0.232					<i>GPR21</i>	TSS1500
cg24645671	7	42,656,871	1.6E-15	0.234	0.212						
cg15849864	15	73,661,642	3.02E-07	0.233	0.242					<i>HCN4</i>	TSS200
cg01955203	8	124,515,502	4.77E-11	0.233	0.241					<i>FBXO32</i>	3'UTR
cg05685892	6	30,421,091	1E-16	0.233	0.212						
cg19002462	11	36,036,892	1.7E-10	0.233	0.227					<i>LDLRAD3</i>	Body
cg23058435	14	36,983,949	0.00013	0.233	0.260					<i>SFTA3</i>	TSS1500
cg02532824	6	108,444,810	4.52E-06	0.233	0.241				Yes		
cg13816321	9	973,198	1.56E-06	0.233	0.257						
cg00160583	1	32,167,512	3.74E-11	0.233	0.219					<i>COL16A1</i>	Body
cg26416466	15	66,546,708	5.54E-07	0.233	0.234	1.84E-19	0.173			<i>MEGF11</i>	TSS1500
cg02856768	12	94,385,202	3.7E-12	0.233	0.237				Yes		
cg22132508	3	138,658,878	0.009872	0.233	0.271						
cg05706696	X	129,254,556	0.000128	0.233	0.219						

cg02963248	2	66,809,780	1.18E-05	0.233	0.234					
cg10043155	6	25,218,855	5.95E-06	0.233	0.208					
cg02318527	19	41,318,069	4.74E-05	0.233	0.200					
cg06306751	X	154,251,005	6.1E-07	0.233	0.285	0.01106387	0.056		<i>F8</i>	TSS200
cg05635036	12	110,149,962	4.3E-09	0.233	0.227					
cg00379467	4	148,401,873	7.69E-18	0.233	0.230				<i>EDNRA</i>	TSS200
cg01965552	5	40,478,425	1.6E-07	0.233	0.172					
cg04856896	1	32,665,450	4E-16	0.233	0.212				<i>CCDC28B</i>	TSS1500
cg24472574	10	103,070,503	0.001084	0.233	0.212					
cg00960305	20	22,558,297	7.9E-05	0.233	0.198				<i>C20orf56</i>	Body
cg15992730	12	7,848,093	0.038327	0.233	0.276	0.00063329	0.114		<i>GDF3</i>	1stExon
cg26021627	8	53,478,706	0.003982	0.233	0.188	1.44E-25	0.189		<i>FAM150A</i>	TSS1500
cg27508055	2	19,286,187	7.62E-13	0.233	0.234					
cg05420057	17	36,721,297	2.06E-06	0.233	0.228				<i>SRCIN1</i>	Body
cg16334795	21	42,538,894	2.52E-06	0.233	0.189	0.00000182	0.151		<i>BACE2</i>	TSS1500
cg19805005	17	50,234,775	0.027063	0.233	0.196				<i>CA10</i>	Body
cg25116388	17	46,692,422	0.00051	0.233	0.270				<i>HOXB8</i>	TSS200
cg07655487	11	66,849,820	0.001154	0.233	0.177					
cg08669447	19	44,203,749	0.01563	0.233	0.113					
cg20504791	20	22,562,478	0.028852	0.233	0.239				<i>FOXA2</i>	3'UTR
cg02223323	X	20,134,399	4.02E-07	0.233	0.239				<i>MAP7D2</i>	Body
cg04967578	18	13,641,894	5.58E-06	0.233	0.199				<i>C18orf1</i>	Body
cg07480090	6	29,818,230	0.017427	0.233	0.263					
cg02652597	2	85,811,292	7.28E-07	0.233	0.250				<i>VAMP5</i>	TSS1500
cg17618327	7	2,143,942	0.000132	0.233	0.253				<i>MAD1L1</i>	Body
cg23677000	19	35,773,317	0.003466	0.233	0.239				<i>HAMP</i>	TSS200
cg01458510	2	109,752,622	6.47E-30	0.233	0.220				<i>SH3RF3</i>	Body
cg05413277	2	74,642,087	3.79E-06	0.233	0.196				<i>C2orf81</i>	Body
cg18366919	19	15,344,364	1.04E-09	0.233	0.227				<i>EPHX3</i>	TSS1500
cg24119607	5	139,047,739	1.61E-08	0.233	0.244				<i>CXXC5</i>	5'UTR
cg07211259	9	5,510,497	0.001792	0.233	0.150	8.63E-14	0.121		<i>PDCD1LG2</i>	TSS200
cg10950028	1	110,230,633	4.43E-08	0.233	0.215				<i>GSTM1</i>	Body
cg13969001	1	18,958,084	0.032267	0.233	0.278				<i>PAX7</i>	5'UTR
cg20462512	12	5,543,155	2.55E-07	0.233	0.226				<i>NTF3</i>	Body

cg04228935	21	36,399,258	0.011041	0.233	0.277				<i>RUNX1</i>	Body
cg17787134	17	47,073,522	0.040636	0.233	0.239				<i>IGF2BP1</i>	TSS1500
cg03900378	8	54,442,083	5.4E-07	0.233	0.214					
cg04290586	12	108,168,987	2.52E-05	0.233	0.181				<i>ASCL4</i>	1stExon
cg12324970	10	104,000,446	2.11E-07	0.233	0.218				<i>PITX3</i>	5'UTR
cg13084731	7	20,834,411	0.000296	0.233	0.179					
cg06959514	6	29,856,141	0.001373	0.233	0.193				<i>HLA-H</i>	Body
cg26848718	11	32,454,975	0.004022	0.233	0.201				<i>WT1</i>	Body
cg02490989	8	17,271,322	0.00069	0.233	0.190				<i>MTMR7</i>	TSS1500
cg04267526	10	109,674,297	1.95E-07	0.233	0.207					
cg06849477	22	45,072,724	2.16E-14	0.233	0.229	2.43E-39	0.158		<i>PRR5</i>	5'UTR
cg22768487	22	46,770,253	9.69E-08	0.233	0.217				<i>CELSR1</i>	Body
cg04481923	5	135,416,205	0.004422	0.233	0.259				<i>MIR886</i>	Body
cg15832662	11	63,448,437	0.000445	0.233	0.133				<i>RTN3</i>	TSS1500
cg19913563	6	30,720,261	0.002184	0.233	0.099					
cg20629315	2	43,685,377	5.13E-09	0.233	0.246				<i>THADA</i>	Body
cg22627406	19	10,958,968	9.44E-09	0.233	0.233				<i>C19orf38</i>	TSS200
cg03595533	6	28,784,788	0.036112	0.233	0.302					
cg05228186	11	83,393,344	0.00206	0.233	0.202				<i>DLG2</i>	1stExon
cg08638180	16	67,283,238	7.63E-07	0.233	0.133				<i>SLC9A5</i>	Body
cg09864245	11	33,746,426	0.000179	0.233	0.227				<i>CD59</i>	5'UTR
cg23669081	17	46,685,353	3.29E-07	0.233	0.235				<i>HOXB7</i>	Body
cg25383605	6	155,538,047	5.81E-08	0.233	0.184				<i>TIAM2</i>	Body
cg06844526	2	192,169,585	0.005526	0.233	0.146				<i>MYO1B</i>	Body
cg13480549	1	2,058,790	1.5E-08	0.233	0.199				<i>PRKCZ</i>	5'UTR
cg17918937	15	64,992,780	8.67E-16	0.233	0.240				<i>OAZ2</i>	Body
cg18576957	6	31,651,020	0.01845	0.233	0.283					
cg22632523	10	3,711,048	0.008189	0.233	0.106					
cg02567119	10	102,891,045	0.035974	0.233	0.160				<i>TLX1</i>	TSS200
cg00831237	12	50,344,289	1.73E-08	0.233	0.199				<i>AQP2</i>	TSS1500
cg01363734	12	117,482,953	1.49E-08	0.233	0.163				<i>TESC</i>	Body
cg10663316	12	124,702,334	0.014299	0.233	0.071					
cg23532454	14	75,910,026	2.61E-08	0.233	0.228				<i>JDP2</i>	Body
cg24161018	7	131,847,456	1.22E-13	0.233	0.225				<i>PLXNA4</i>	Body



cg04925129	3	149,247,133	5.04E-16	0.233	0.253				<i>WWTR1</i>	Body
cg06642219	1	5,586,147	0.002658	0.233	0.181					
cg17315500	12	103,359,572	0.010382	0.233	0.179					
cg00351537	19	7,580,275	8.15E-11	0.233	0.217				<i>ZNF358</i>	TSS1500
cg10500737	21	17,566,381	0.000416	0.233	0.171				<i>C21orf34</i>	Body
cg02039815	2	224,904,724	9.74E-06	0.233	0.148				<i>SERPINE2</i>	TSS1500
cg09473315	17	76,228,233	7.98E-06	0.233	0.236				<i>LOC283999</i>	Body
cg13035268	7	103,085,736	3.24E-06	0.233	0.217				<i>SLC26A5</i>	5'UTR
cg04709035	2	468,737	1.86E-06	0.233	0.229					
cg06496666	16	87,241,473	2.3E-05	0.233	0.180					
cg01320579	17	75,405,842	1.89E-08	0.233	0.236				<i>SEPT9</i>	Body
cg08640475	16	85,551,478	1.6E-63	0.233	0.228					
cg21249595	6	30,848,811	2.78E-12	0.233	0.215					
cg00733978	7	80,352,237	1.41E-05	0.233	0.163					
cg04007303	9	100,618,041	2.17E-05	0.233	0.208				<i>FOXE1</i>	3'UTR
cg05379634	19	1,856,726	4.7E-07	0.233	0.216				<i>KLF16</i>	Body
cg07781736	20	55,839,008	0.00657	0.233	0.227				<i>BMP7</i>	Body
cg11089489	14	37,124,313	2.91E-05	0.233	0.221					
cg14720024	5	115,697,696	2.18E-09	0.233	0.237					
cg17504999	4	134,072,723	0.036716	0.233	0.225				<i>PCDH10</i>	1stExon
cg07799299	8	131,344,855	2.57E-15	0.233	0.236				<i>ASAP1</i>	Body
cg08064488	21	38,068,043	0.0124	0.233	0.257					
cg10982443	14	20,903,611	9.61E-08	0.233	0.246				<i>KLHL33</i>	5'UTR
cg27441486	1	201,708,522	0.006894	0.233	0.156				<i>NAV1</i>	TSS1500
cg06715672	X	136,655,987	0.02594	0.233	0.219					
cg02953559	3	123,164,964	1.43E-14	0.233	0.237				<i>ADCY5</i>	Body
cg06640763	7	149,473,097	0.001553	0.233	0.179				<i>SSPO</i>	TSS200
cg13508369	9	129,884,026	7.49E-15	0.233	0.214				<i>ANGPTL2</i>	5'UTR
cg24611608	8	72,274,615	0.019192	0.233	0.314				<i>EYA1</i>	TSS200
cg00760014	1	19,267,827	0.006059	0.233	0.123				<i>IFFO2</i>	Body
cg06126019	11	9,253,566	3.62E-07	0.233	0.234				<i>DENND5A</i>	Body
cg04271801	6	26,272,516	4.37E-05	0.233	0.252				<i>HIST1H3G</i>	TSS1500
cg10732611	13	33,700,592	0.000646	0.233	0.214				<i>STARD13</i>	Body
cg12214003	2	235,859,792	1.8E-05	0.233	0.199				<i>SH3BP4</i>	TSS1500

cg01948226	6	32,829,208	0.005496	0.233	0.185					
cg10140794	5	36,066,972	0.000349	0.233	0.227				<i>UGT3A2</i>	1stExon
cg13694466	10	13,382,122	5.17E-12	0.233	0.235				<i>SEPHS1</i>	Body
cg18738190	10	73,740,291	2.42E-09	0.233	0.228				<i>CHST3</i>	5'UTR
cg07065111	2	5,831,213	0.002513	0.233	0.243					
cg19458787	5	173,116,776	0.002868	0.233	0.137					
cg21139046	3	14,339,700	4.63E-07	0.233	0.252					
cg07676145	10	73,506,646	1.29E-08	0.233	0.234				<i>CDH23</i>	Body
cg08369810	3	194,522,571	4.82E-05	0.233	0.214					
cg13300710	11	45,167,419	0.001009	0.233	0.260				<i>PRDM11</i>	Body
cg02766845	6	28,956,577	0.013008	0.233	0.223					
cg16967578	1	218,575,437	7.92E-05	0.233	0.234				<i>TGFB2</i>	Body
cg18273412	10	93,647,857	2.29E-07	0.233	0.207					
cg26224060	5	94,957,243	0.000263	0.233	0.195				<i>GPR150</i>	1stExon
cg08507136	8	28,515,641	4.42E-05	0.233	0.177					
cg15534755	11	117,069,859	1.01E-09	0.233	0.235				<i>TAGLN</i>	TSS200
cg23283423	17	821,546	6.6E-05	0.233	0.190				<i>NXN</i>	Body
cg02109162	15	99,646,443	0.000582	0.233	0.180				<i>SYNM</i>	Body
cg17284168	6	134,491,531	1.69E-19	0.233	0.233				<i>SGK1</i>	Body
cg17611046	6	5,672,954	1.72E-07	0.233	0.210				<i>FARS2</i>	Body
cg01687189	12	102,225,365	1.46E-12	0.233	0.214				<i>GNPTAB</i>	TSS1500
cg07069844	19	1,617,027	1.43E-08	0.233	0.293				<i>TCF3</i>	Body
cg15980076	10	94,822,747	2.71E-10	0.233	0.200				<i>CYP26C1</i>	Body
cg02805106	15	90,039,409	3.87E-07	0.233	0.239				<i>RHCG</i>	Body
cg07956751	7	150,211,939	0.000493	0.233	0.206				<i>GIMAP7</i>	TSS200
cg19333507	10	116,852,186	0.009832	0.233	0.099				<i>ATRNL1</i>	TSS1500
cg07302677	7	128,550,862	3.02E-18	0.233	0.221				<i>KCP</i>	TSS200
cg20813996	6	166,422,741	0.006227	0.233	0.257					
cg00062245	17	42,462,260	0.000519	0.233	0.241				<i>ITGA2B</i>	Body
cg04421348	10	82,299,737	2.13E-07	0.233	0.248				<i>SH2D4B</i>	TSS1500
cg13587180	4	42,403,248	4.62E-12	0.233	0.225				<i>SHISA3</i>	Body
cg24437535	1	150,121,441	0.004819	0.233	0.122				<i>PLEKHO1</i>	TSS1500
cg25890168	18	19,262,819	0.012944	0.233	0.212				<i>ABHD3</i>	Body
cg15666214	6	108,438,316	0.00089	0.233	0.245					

cg00532411	1	6,241,506	2.4E-07	0.233	0.193				<i>CHD5</i>	TSS1500
cg05134426	5	124,080,479	7.11E-05	0.233	0.267				<i>ZNF608</i>	1stExon
cg10486820	6	51,972,234	1.32E-09	0.233	0.210					
cg19416417	2	223,290,324	1.86E-14	0.233	0.220				<i>SGPP2</i>	Body
cg22900229	2	25,391,773	0.005231	0.233	0.180				<i>POMC</i>	TSS1500
cg02285386	22	35,695,157	4.92E-14	0.233	0.217				<i>TOM1</i>	TSS1500
cg20193363	2	947,589	4.95E-06	0.233	0.170				<i>SNTG2</i>	Body
cg16136262	1	169,429,604	8.38E-05	0.233	0.218					
cg17828689	3	136,539,113	0.016694	0.233	0.088				<i>TMEM22</i>	5'UTR
cg21890423	3	55,395,559	1.26E-06	0.233	0.245					
cg09736968	2	233,351,609	0.041997	0.233	0.179				<i>ECEL1</i>	5'UTR
cg04929703	1	91,300,390	0.00632	0.233	0.302					
cg12935170	7	23,508,189	0.041194	0.233	0.254				<i>IGF2BP3</i>	Body
cg12980549	7	158,084,782	1.17E-24	0.233	0.223				<i>PTPRN2</i>	Body
cg19781462	12	124,744,261	0.000583	0.233	0.272					
cg25614364	4	129,747,274	3.72E-14	0.233	0.234				<i>PHF17</i>	5'UTR
cg15679892	7	1,267,057	2.11E-10	0.233	0.235					
cg22510727	12	64,541,117	5.35E-10	0.233	0.229				<i>SRGAP1</i>	3'UTR
cg09484032	12	54,329,854	2.36E-09	0.233	0.226					
cg15095906	1	36,789,786	4.47E-05	0.233	0.194				<i>FAM176B</i>	TSS200
cg21706229	17	70,112,877	5.37E-06	0.233	0.212					
cg24927800	2	220,283,214	0.015595	0.233	0.144				<i>DES</i>	1stExon
cg11401568	17	19,648,157	0.000288	0.233	0.241				<i>ALDH3A1</i>	Body
cg25884399	9	139,237,461	0.043194	0.233	0.258				<i>GPSM1</i>	Body
cg09978996	10	70,321,668	2.72E-05	0.233	0.239				<i>TET1</i>	5'UTR
cg17744078	5	171,023,504	5.34E-07	0.233	0.220					
cg13903070	1	61,456,527	1.2E-06	0.232	0.211					
cg24082677	5	38,105,272	5.91E-09	0.232	0.221					
cg26819718	10	77,872,170	1.63E-11	0.232	0.197				<i>C10orf11</i>	Body
cg05532178	10	70,979,827	2.28E-07	0.232	0.253				<i>HKDC1</i>	TSS1500
cg09028008	1	19,615,080	2.74E-08	0.232	0.166				<i>AKR7A3</i>	1stExon
cg12883279	6	32,120,773	9.32E-05	0.232	0.270				<i>PPT2</i>	TSS1500
cg27441045	X	100,446,383	2.83E-13	0.232	0.236					
cg22160000	1	45,252,019	0.013797	0.232	0.271				<i>BEST4</i>	Body

cg07846737	19	5,068,701	1.94E-38	0.232	0.217				<i>KDM4B</i>	Body
cg24796272	8	99,954,679	1.33E-07	0.232	0.220					
cg04334011	14	21,561,590	7.57E-09	0.232	0.222				<i>ZNF219</i>	Body
cg04674956	8	65,499,048	0.000769	0.232	0.233					
cg09658497	7	2,847,517	0.001389	0.232	0.144				<i>GNA12</i>	Body
cg15607664	12	57,630,422	2.67E-13	0.232	0.219				<i>NDUFA4L2</i>	Body
cg23201938	5	134,451,535	1.21E-23	0.232	0.233					
cg04322202	4	66,533,472	0.036427	0.232	0.247				<i>EPHA5</i>	Body
cg04371726	2	63,285,645	0.001773	0.232	0.232					
cg02750065	12	117,155,382	1.66E-12	0.232	0.220				<i>C12orf49</i>	3'UTR
cg22218806	1	203,434,261	1.95E-17	0.232	0.228					
cg08318587	2	216,484,453	0.023839	0.232	0.157			Yes		
cg26924480	1	22,463,884	1.3E-07	0.232	0.168				<i>WNT4</i>	Body
cg04337653	6	100,905,587	0.01186	0.232	0.284				<i>SIM1</i>	Body
cg20460541	X	129,253,297	0.00296	0.232	0.180					
cg26809635	12	54,355,087	0.014817	0.232	0.270					
cg05762671	16	67,345,737	4.88E-06	0.232	0.207				<i>KCTD19</i>	Body
cg15416329	14	74,706,016	2.2E-08	0.232	0.219				<i>VSX2</i>	TSS200
cg17540545	19	35,630,355	1.98E-08	0.232	0.252				<i>FXVD1</i>	5'UTR
cg24979288	7	27,242,424	0.04127	0.232	0.312					
cg14567085	9	133,411,807	3.81E-05	0.232	0.172					
cg14906976	21	45,177,538	2.75E-10	0.232	0.239				<i>PDXK</i>	3'UTR
cg16552271	1	15,392,907	1.17E-08	0.232	0.212				<i>KIAA1026</i>	Body
cg20782117	7	95,865,631	3.05E-08	0.232	0.221				<i>SLC25A13</i>	Body
cg13333954	12	1,098,663	3.14E-07	0.232	0.249					
cg05656486	1	161,171,383	3.08E-05	0.232	0.236				<i>NDUFS2</i>	5'UTR
cg20209499	2	26,929,892	1.07E-45	0.232	0.233				<i>KCNK3</i>	Body
cg09285683	2	216,691,985	3.13E-05	0.232	0.202					
cg10879867	11	68,622,263	4.2E-06	0.232	0.205					
cg01896424	11	20,010,227	0.015775	0.232	0.169				<i>NAV2</i>	Body
cg16705245	2	180,725,637	1.14E-06	0.232	0.170				<i>ZNF385B</i>	5'UTR
cg25074023	2	179,316,491	0.004456	0.232	0.242				<i>PRKRA</i>	TSS1500
cg07730848	5	6,379,108	1.97E-05	0.232	0.197				<i>MED10</i>	TSS1500
cg00370047	11	1,481,436	1.38E-13	0.232	0.233				<i>BRSK2</i>	Body

cg19107291	15	100,537,865	2.11E-12	0.232	0.211				<i>ADAMTS17</i>	Body
cg27112146	2	148,641,953	5.95E-08	0.232	0.240				<i>ACVR2A</i>	Body
cg21244177	1	63,795,848	1.14E-07	0.232	0.228					
cg22855968	6	134,673,162	3.22E-06	0.232	0.227					
cg05223396	5	171,830,155	6.83E-23	0.232	0.217				<i>SH3PXD2B</i>	Body
cg25930591	7	96,627,602	0.000553	0.232	0.279				<i>DLX6AS</i>	Body
cg20627916	6	152,128,328	0.002697	0.232	0.204	0.03716632	0.059		<i>ESR1</i>	TSS1500
cg18326021	10	106,401,479	0.0347	0.232	0.218				<i>SORCS3</i>	1stExon
cg11412703	6	44,629,403	0.00022	0.232	0.278					
cg15990972	2	177,012,372	1.87E-08	0.232	0.176					
cg22294740	19	2,294,961	0.000571	0.232	0.295				<i>LINGO3</i>	5'UTR
cg20596162	15	45,408,861	7.01E-11	0.232	0.228				<i>DUOXA2</i>	Body
cg06403156	10	1,651,293	0.002344	0.232	0.220				<i>ADARB2</i>	Body
cg10949007	5	95,159,614	0.000706	0.232	0.194				<i>GLRX</i>	TSS1500
cg16207110	17	37,024,401	2.12E-05	0.232	0.252					
cg16354117	17	73,829,262	0.000184	0.232	0.242				<i>UNC13D</i>	Body
cg19897071	5	35,991,382	0.000195	0.232	0.230				<i>UGT3A1</i>	5'UTR
cg05774801	4	154,709,756	0.003193	0.232	0.220	2.63E-15	0.149		<i>SFRP2</i>	1stExon
cg06055229	5	124,077,966	0.000466	0.232	0.208				<i>ZNF608</i>	Body
cg11612266	2	947,167	6.14E-07	0.232	0.215				<i>SNTG2</i>	Body
cg15895339	10	20,210,338	3.9E-21	0.232	0.231				<i>PLXDC2</i>	Body
cg22723675	13	95,358,092	0.021804	0.232	0.208					
cg03882585	6	152,957,910	0.017706	0.232	0.189				<i>SYNE1</i>	5'UTR
cg08244262	21	42,797,939	0.003976	0.232	0.143				<i>MX1</i>	TSS200
cg00333483	17	79,504,180	0.033671	0.232	0.329					
cg06365303	20	2,801,844	0.016789	0.232	0.288					
cg01476003	16	71,460,486	0.001482	0.232	0.244					
cg04846781	6	32,077,084	5.83E-05	0.232	0.219				<i>TNXB</i>	5'UTR
cg09048500	20	21,085,073	1.89E-05	0.232	0.262					
cg11647108	10	81,967,516	3.34E-06	0.232	0.208					
cg00010445	19	14,089,630	4.72E-07	0.232	0.171				<i>RFX1</i>	Body
cg25353142	20	43,729,869	1.89E-07	0.232	0.222				<i>KCNS1</i>	TSS200
cg26517663	15	60,295,294	0.028597	0.232	0.290				<i>FOXB1</i>	TSS1500
cg00092518	13	50,070,550	0.000282	0.232	0.206				<i>PHF11</i>	Body

cg21895319	3	150,874,026	1.03E-20	0.232	0.221				<i>MED12L</i>	Body
cg25631352	2	70,995,527	0.018566	0.232	0.107				<i>ADD2</i>	TSS200
cg05965863	3	137,480,182	0.001293	0.232	0.185					
cg10169241	19	1,467,032	0.001143	0.232	0.249				<i>APC2</i>	Body
cg13531886	10	3,281,434	3.7E-15	0.232	0.221					
cg13833437	2	27,531,236	2.94E-09	0.232	0.237				<i>UCN</i>	TSS200
cg13935577	12	107,974,897	3.82E-18	0.232	0.229				<i>BTBD11</i>	Body
cg16072192	5	2,741,047	0.000897	0.232	0.223					
cg04205616	16	79,692,516	1.41E-11	0.232	0.217					
cg05209330	5	131,550,942	6.71E-09	0.232	0.242				<i>P4HA2</i>	Body
cg09744051	22	43,115,937	0.000283	0.232	0.233	6.01E-08	0.099		<i>A4GALT</i>	5'UTR
cg09329936	10	80,523,167	9.51E-07	0.232	0.220					
cg11029634	6	130,088,757	0.007799	0.232	0.123					
cg13748267	X	47,483,418	0.042153	0.232	0.033					
cg19429599	5	50,266,099	0.000682	0.232	0.263					
cg16524960	16	69,141,345	0.031627	0.232	0.227				<i>HAS3</i>	5'UTR
cg20843277	11	70,672,365	4.65E-21	0.232	0.193				<i>SHANK2</i>	Body
cg14754787	17	35,299,600	4.48E-07	0.232	0.213				<i>LHX1</i>	Body
cg23487201	20	57,090,122	2.52E-07	0.232	0.257				<i>APCDD1L</i>	TSS200
cg11691189	2	47,743,741	3.16E-09	0.232	0.234					
cg15621656	5	118,609,258	4.01E-05	0.232	0.234				<i>TNFAIP8</i>	Body
cg12951488	11	115,516,632	1.86E-08	0.232	0.209					
cg11806178	20	39,319,929	2.1E-08	0.232	0.217					
cg04691277	1	6,479,352	0.000489	0.232	0.158				<i>HES2</i>	Body
cg05131623	3	179,755,285	0.03646	0.232	0.328				<i>PEX5L</i>	TSS1500
cg09221867	4	134,071,663	0.008473	0.232	0.160				<i>PCDH10</i>	1stExon
cg13292202	5	112,771,367	0.0002	0.232	0.236				<i>TSSK1B</i>	TSS1500
cg03994820	3	350,682	0.005141	0.232	0.198				<i>CHL1</i>	5'UTR
cg04624228	8	38,411,598	0.033762	0.232	0.184					
cg11179759	15	89,947,346	0.014612	0.232	0.222					
cg21226965	6	169,852,806	0.000105	0.232	0.254					
cg27170985	14	37,124,063	4.02E-06	0.232	0.236					
cg16077055	2	106,428,750	1.67E-09	0.232	0.210				<i>NCK2</i>	5'UTR
cg17320707	10	119,307,931	0.016713	0.232	0.293				<i>EMX2</i>	3'UTR

cg24765394	9	129,088,647	7.87E-07	0.232	0.212				<i>FAM125B</i>	TSS1500
cg17683593	11	61,283,872	0.001285	0.232	0.258				<i>SYT7</i>	3'UTR
cg23914842	1	9,327,170	0.033943	0.232	0.252				<i>H6PD</i>	3'UTR
cg04307594	1	205,525,860	1.47E-11	0.232	0.231				<i>LOC284578</i>	TSS200
cg04319276	19	42,445,244	0.000475	0.232	0.255					
cg22948288	17	41,739,246	6.79E-08	0.232	0.211				<i>MEOX1</i>	TSS1500
cg17599241	5	82,858,676	1.09E-05	0.232	0.202				<i>VCAN</i>	Body
cg19265103	12	51,784,644	1.01E-15	0.232	0.204				<i>GALNT6</i>	5'UTR
cg19548652	14	34,419,316	0.000136	0.232	0.254				<i>EGLN3</i>	Body
cg22681784	4	57,687,546	5.96E-08	0.232	0.200	2.24E-13	0.123		<i>SPINK2</i>	Body
cg24929538	3	73,164,119	1.69E-09	0.232	0.249					
cg07167946	5	1,878,205	1.02E-10	0.232	0.213				<i>IRX4</i>	Body
cg15152362	20	31,173,500	0.003343	0.232	0.219					
cg18780257	3	192,126,023	0.015607	0.232	0.238				<i>FGF12</i>	5'UTR
cg16620390	12	125,670,262	2.19E-05	0.232	0.187					
cg00321007	17	15,340,112	4.59E-19	0.232	0.229				<i>CDRT4</i>	3'UTR
cg09771468	9	135,462,169	0.000229	0.232	0.232				<i>BARHL1</i>	Body
cg18006379	10	132,907,652	1.84E-09	0.232	0.220				<i>TCERG1L</i>	Body
cg18231025	1	59,573,471	3.65E-15	0.232	0.215					
cg21484547	13	28,319,144	5.43E-06	0.232	0.215					
cg25467634	10	49,684,658	3.34E-09	0.232	0.178				<i>ARHGAP22</i>	Body
cg05455409	2	202,897,006	0.005819	0.232	0.192					
cg09819083	1	110,673,179	0.001153	0.232	0.244					
cg17444738	4	85,417,969	7.81E-08	0.232	0.271				<i>NKX6-1</i>	Body
cg17838427	1	204,653,956	0.034195	0.232	0.067				<i>LRRN2</i>	5'UTR
cg14565725	1	119,532,044	2.13E-05	0.232	0.225				<i>TBX15</i>	1stExon
cg20119487	11	61,723,124	5.55E-05	0.232	0.184				<i>BEST1</i>	Body
cg24417499	1	33,351,653	0.00044	0.232	0.181	2.08E-11	0.133		<i>HPCA</i>	TSS1500
cg25162948	13	50,070,718	0.000108	0.232	0.198				<i>PHF11</i>	Body
cg26821745	2	177,023,183	0.002906	0.232	0.282					
cg07425204	17	66,511,183	8.97E-10	0.232	0.191				<i>PRKAR1A</i>	5'UTR
cg20813965	4	57,976,944	0.007261	0.232	0.248				<i>IGFBP7</i>	TSS1500
cg04110224	11	70,508,463	1.37E-05	0.232	0.231				<i>SHANK2</i>	Body
cg27518976	1	23,886,730	4.43E-07	0.232	0.260				<i>ID3</i>	TSS1500

cg01089249	2	171,676,553	0.000001	0.232	0.206				<i>GAD1</i>	Body
cg02614024	15	93,652,766	4.88E-07	0.232	0.223					
cg11803251	4	41,659,108	0.000752	0.232	0.199				<i>LIMCH1</i>	Body
cg12756396	1	50,886,969	2.83E-07	0.232	0.226				<i>DMRTA2</i>	Body
cg22256631	3	181,443,971	0.000283	0.232	0.212				<i>SOX2OT</i>	Body
cg00290892	3	87,842,398	0.032395	0.232	0.324					
cg04768501	3	9,956,823	0.035914	0.232	0.223				<i>IL17RE</i>	Body
cg14579864	9	79,632,225	0.027897	0.232	0.192					
cg16294013	1	66,258,022	0.004846	0.232	0.219				<i>PDE4B</i>	TSS200
cg22817352	1	204,653,629	0.001221	0.232	0.158				<i>LRRN2</i>	5'UTR
cg06467040	5	34,670,172	8.88E-12	0.232	0.227				<i>RAI14</i>	5'UTR
cg10238080	12	50,445,058	1.65E-06	0.232	0.259					
cg15172785	11	103,105,918	2.33E-13	0.232	0.255				<i>DYNC2H1</i>	Body
cg22484737	7	115,117,568	6.66E-06	0.232	0.235					
cg23847712	4	9,783,196	0.004885	0.232	0.311				<i>DRD5</i>	TSS200
cg00639615	15	89,786,496	0.002264	0.232	0.310				<i>FANCI</i>	TSS1500
cg10148473	12	75,601,824	0.010399	0.232	0.162				<i>KCNC2</i>	5'UTR
cg16764778	15	41,061,410	6.53E-06	0.232	0.218				<i>DNAJC17</i>	Body
cg05004665	1	20,800,052	1.53E-07	0.232	0.244					
cg18209323	7	92,672,878	3.38E-12	0.232	0.224					
cg18220920	12	115,126,061	0.006123	0.232	0.252					
cg19061690	17	46,080,304	1.36E-06	0.232	0.235					
cg21340621	12	122,020,166	0.008505	0.232	0.250				<i>KDM2B</i>	TSS1500
cg22400703	2	68,545,995	9.51E-09	0.232	0.244				<i>CNRIP1</i>	Body
cg26493188	16	2,975,209	1.39E-08	0.232	0.226				<i>FLYWCH1</i>	5'UTR
cg15770575	22	42,760,647	4.76E-10	0.232	0.228					
cg08302913	2	182,548,786	0.012813	0.232	0.206					
cg27161197	12	47,224,649	1.29E-07	0.232	0.200					
cg26673012	7	35,293,753	0.046137	0.232	0.262				<i>TBX20</i>	TSS200
cg14471364	2	157,177,936	0.009389	0.232	0.212					
cg04854328	5	92,914,828	6.15E-06	0.232	0.209				<i>FLJ42709</i>	Body
cg16404157	14	38,724,648	3.84E-05	0.232	0.241				<i>CLEC14A</i>	1stExon
cg19062108	12	57,630,834	5.54E-06	0.232	0.205				<i>NDUFA4L2</i>	Body
cg15115171	10	17,604,829	5.65E-06	0.232	0.196					



cg19071452	2	152,146,944	5.51E-08	0.232	0.199				<i>NMI</i>	TSS1500
cg22295864	11	74,233,472	4.29E-10	0.232	0.198					
cg19494811	6	34,356,253	6.72E-12	0.232	0.233				<i>NUDT3</i>	Body
cg08126875	6	125,743,207	8.37E-05	0.231	0.209					
cg20018782	14	23,317,496	1.69E-08	0.231	0.242					
cg20045394	17	36,184,576	1.49E-06	0.231	0.224					
cg20972453	13	20,805,460	5.58E-09	0.231	0.200				<i>GJB6</i>	5'UTR
cg23838005	17	74,868,604	7.69E-15	0.231	0.226				<i>MGAT5B</i>	Body
cg01154445	2	206,548,171	0.000989	0.231	0.225				<i>NRP2</i>	Body
cg01389386	16	70,471,055	1.51E-14	0.231	0.208				<i>ST3GAL2</i>	5'UTR
cg14394550	8	22,548,400	0.000305	0.231	0.184				<i>EGR3</i>	Body
cg15607672	14	57,277,227	1.23E-05	0.231	0.291	2.36E-17	0.172		<i>OTX2</i>	TSS200
cg15934958	3	37,212,084	2.65E-07	0.231	0.203				<i>LRRFIP2</i>	5'UTR
cg00651020	2	180,726,576	0.004383	0.231	0.099				<i>MIR1258</i>	TSS1500
cg13522075	9	99,481,726	3.61E-06	0.231	0.237					
cg13907146	3	50,243,565	6.5E-13	0.231	0.196				<i>SLC38A3</i>	5'UTR
cg07420274	2	171,676,306	2.02E-07	0.231	0.206				<i>GAD1</i>	Body
cg21900073	4	82,005,992	3.34E-07	0.231	0.221					
cg22844669	X	136,510,760	0.022336	0.231	0.249					
cg26427498	7	105,987,258	3.35E-07	0.231	0.238					
cg27577928	4	54,975,388	1.28E-08	0.231	0.190					
cg17557766	6	10,420,696	8.57E-08	0.231	0.237				<i>TFAP2A</i>	TSS1500
cg15092343	4	4,860,061	0.002137	0.231	0.258				<i>MSX1</i>	TSS1500
cg02806733	2	231,731,972	3.55E-06	0.231	0.267				<i>ITM2C</i>	Body
cg06049774	10	81,892,109	0.005551	0.231	0.217				<i>PLAC9</i>	TSS200
cg06012872	10	45,374,841	0.011722	0.231	0.147					
cg10567964	1	205,312,695	1.72E-05	0.231	0.194				<i>KLHDC8A</i>	Body
cg18020955	1	147,790,806	0.000246	0.231	0.255					
cg20904489	6	6,002,032	5.7E-05	0.231	0.189				<i>NRN1</i>	Body
cg26143719	22	37,584,227	3.63E-09	0.231	0.220	3.73E-19	0.154		<i>C1QTNF6</i>	1stExon
cg04864327	7	111,396,894	8.95E-09	0.231	0.241				<i>DOCK4</i>	Body
cg10473369	17	7,492,352	1.48E-24	0.231	0.224				<i>SOX15</i>	Body
cg12642289	11	78,948,859	8.06E-08	0.231	0.200				<i>ODZ4</i>	5'UTR
cg07281879	11	32,459,626	0.003806	0.231	0.295				<i>WIT1</i>	Body

cg07536847	1	18,957,232	0.003405	0.231	0.216	5.25E-13	0.174		<i>PAX7</i>	TSS1500
cg23316060	19	33,761,225	2.95E-07	0.231	0.214					
cg01775265	20	31,780,882	4.13E-23	0.231	0.212				<i>BASE</i>	TSS1500
cg24370475	11	69,518,003	0.000002	0.231	0.275				<i>FGF19</i>	Body
cg08144172	1	41,849,203	3.8E-05	0.231	0.157					
cg10859192	12	54,071,672	2.95E-06	0.231	0.230				<i>ATP5G2</i>	TSS1500
cg10934129	5	172,655,841	6.33E-06	0.231	0.192					
cg15084543	1	79,472,408	9.1E-09	0.231	0.237				<i>ELTD1</i>	5'UTR
cg16859420	8	41,219,116	0.003212	0.231	0.123					
cg03854796	11	31,819,162	0.00671	0.231	0.195				<i>PAX6</i>	Body
cg05967403	13	28,367,245	0.000214	0.231	0.230				<i>GSX1</i>	Body
cg06755992	3	123,753,198	0.003832	0.231	0.141					
cg07188896	10	59,546,843	7.61E-05	0.231	0.129					
cg16130857	10	102,900,262	1.67E-05	0.231	0.208					
cg12615235	16	1,969,016	1.29E-05	0.231	0.195				<i>HS3ST6</i>	TSS1500
cg20798740	8	37,560,840	0.000102	0.231	0.207					
cg14064694	6	26,273,556	0.038523	0.231	0.145				<i>HIST1H2BI</i>	1stExon
cg07286123	20	23,067,126	0.007735	0.231	0.182				<i>CD93</i>	TSS200
cg03729251	4	151,501,035	1.37E-11	0.231	0.233				<i>LRBA</i>	Body
cg18128969	21	22,369,908	1.3E-05	0.231	0.204				<i>NCAM2</i>	TSS1500
cg04861904	1	147,737,182	4.55E-05	0.231	0.221					
cg05506446	11	46,409,501	2.32E-08	0.231	0.240				<i>CHRM4</i>	TSS1500
cg26118435	2	161,350,826	0.00116	0.231	0.107				<i>RBMS1</i>	TSS1500
cg12595281	15	93,633,172	0.000972	0.231	0.218				<i>RGMA</i>	TSS1500
cg25595442	1	39,981,352	0.001422	0.231	0.264				<i>BMP8A</i>	Body
cg26777456	12	54,454,250	0.001747	0.231	0.167				<i>FLJ12825</i>	Body
cg05621843	9	97,806,397	1E-12	0.231	0.217				<i>C9orf3</i>	Body
cg07611887	16	21,831,372	8.32E-10	0.231	0.195				<i>RRN3P1</i>	TSS1500
cg21170796	1	119,528,164	0.004582	0.231	0.269				<i>TBX15</i>	5'UTR
cg23880533	12	124,896,079	0.000153	0.231	0.196				<i>NCOR2</i>	Body
cg03715305	19	5,894,715	2.72E-14	0.231	0.202				<i>NDUFA11</i>	3'UTR
cg05137975	6	99,786,314	2.98E-11	0.231	0.227				<i>C6orf168</i>	Body
cg15726807	19	41,857,198	0.000342	0.231	0.216				<i>TGFB1</i>	Body
cg16101346	1	186,650,479	8.68E-06	0.231	0.237				<i>PTGS2</i>	TSS1500

cg18533201	8	97,157,453	0.000518	0.231	0.316				<i>GDF6</i>	Body
cg16238815	14	36,741,794	0.010997	0.231	0.287					
cg03942871	7	102,574,105	4.75E-12	0.231	0.226				<i>LRRC17</i>	5'UTR
cg07817686	4	16,085,401	0.000872	0.231	0.272				<i>PROM1</i>	5'UTR
cg16479539	12	54,345,212	0.00523	0.231	0.246					
cg23371746	1	119,532,925	7.25E-06	0.231	0.222				<i>TBX15</i>	TSS1500
cg13358636	2	124,782,263	0.048064	0.231	0.141				<i>CNTNAP5</i>	TSS1500
cg09184832	6	79,620,586	2.9E-10	0.231	0.237					
cg12171761	8	61,910,949	2.68E-18	0.231	0.228					
cg11795276	12	54,454,252	0.000149	0.231	0.155				<i>FLJ12825</i>	Body
cg27138293	17	79,503,701	1.34E-12	0.231	0.210				<i>FSCN2</i>	Body
cg03356689	11	128,586,365	0.049483	0.231	0.258				<i>FLI1</i>	Body
cg24251035	7	138,721,065	0.005493	0.231	0.129	4.3E-23	0.171		<i>ZC3HAV1L</i>	TSS1500
cg05197667	12	64,383,297	0.000805	0.231	0.275				<i>SRGAP1</i>	Body
cg06827038	17	48,912,952	1.47E-13	0.231	0.216	2.49E-23	0.159		<i>WFIKKN2</i>	1stExon
cg10641258	21	43,484,279	5.7E-14	0.231	0.200					
cg18166150	10	3,169,037	0.000503	0.231	0.129				<i>PFKP</i>	Body
cg09579310	6	10,395,947	9.56E-05	0.231	0.240					
cg09990194	14	76,289,228	2.38E-07	0.231	0.235				<i>TTL5</i>	Body
cg10632969	11	134,023,334	1.06E-09	0.231	0.237				<i>NCAPD3</i>	Body
cg14886850	14	75,122,289	4.06E-13	0.231	0.227					
cg20735682	6	168,665,386	2.79E-13	0.231	0.202					
cg11234688	2	1,609,660	1.96E-07	0.231	0.218					
cg17438030	5	72,526,379	3.24E-06	0.231	0.198					
cg22057234	20	34,206,710	9.67E-06	0.231	0.168				<i>SPAG4</i>	Body
cg12917718	13	70,682,019	0.000936	0.231	0.182				<i>KLHL1</i>	1stExon
cg19025525	1	228,566,824	0.008409	0.231	0.218					
cg23248357	5	2,755,376	1.12E-06	0.231	0.219				<i>C5orf38</i>	3'UTR
cg26380291	10	114,787,843	5.46E-07	0.231	0.221				<i>TCF7L2</i>	Body
cg05250797	16	70,222,502	0.000142	0.231	0.159					
cg07589342	1	212,392,508	1.1E-07	0.231	0.234					
cg02588107	1	207,669,716	0.0266	0.231	0.236				<i>CR1</i>	1stExon
cg04376709	2	106,055,450	3.07E-22	0.231	0.222				<i>FHL2</i>	TSS1500
cg25018049	1	201,472,826	1.11E-06	0.231	0.239				<i>CSRP1</i>	5'UTR

cg02430797	10	50,969,719	0.038931	0.231	0.230				<i>OGDHL</i>	5'UTR
cg18991169	11	31,843,388	0.001705	0.231	0.231					
cg06151243	17	5,000,872	0.008087	0.231	0.139					
cg09814029	1	39,212,920	0.004286	0.231	0.185					
cg24425171	2	25,391,711	0.022571	0.231	0.134				<i>POMC</i>	TSS200
cg13510429	X	153,094,195	1.6E-06	0.231	0.176				<i>PDZD4</i>	Body
cg14921884	8	54,442,043	4.94E-08	0.231	0.225					
cg22519545	5	50,263,682	0.018384	0.231	0.215					
cg07419144	18	55,100,658	0.010032	0.231	0.242					
cg07942990	20	23,432,977	7.38E-08	0.231	0.256				<i>CST11</i>	Body
cg09549240	15	75,250,560	0.024742	0.231	0.257				<i>RPP25</i>	TSS1500
cg11432962	13	95,354,741	0.00033	0.231	0.243					
cg04942516	2	106,055,458	1.13E-25	0.231	0.224				<i>FHL2</i>	TSS1500
cg21690921	1	240,562,805	6.96E-10	0.231	0.238				<i>FMN2</i>	Body
cg13414629	9	132,935,646	0.04908	0.231	0.161				<i>FREQ</i>	Body
cg04569897	6	45,609,407	0.011562	0.231	0.108					
cg14557487	2	162,279,686	0.00013	0.231	0.209				<i>TBR1</i>	Body
cg20737812	15	86,336,631	1.17E-16	0.231	0.217				<i>KLHL25</i>	5'UTR
cg00505001	13	36,049,807	0.039379	0.231	0.225				<i>MAB21L1</i>	1stExon
cg01511806	16	85,157,939	7.74E-12	0.231	0.225					
cg04567731	17	59,532,519	4.37E-05	0.231	0.200				<i>TBX4</i>	TSS1500
cg07501919	2	219,857,231	1.09E-05	0.231	0.223				<i>CRYBA2</i>	Body
cg14129775	4	107,957,941	0.000272	0.231	0.209				<i>DKK2</i>	TSS1500
cg21390363	17	18,171,734	2.87E-16	0.231	0.242					
cg07476508	11	111,783,355	0.00171	0.231	0.304				<i>CRYAB</i>	TSS1500
cg14328415	9	139,847,314	1.4E-99	0.231	0.232				<i>LCN12</i>	Body
cg11982546	8	56,832,362	2.11E-28	0.231	0.230				<i>LYN</i>	5'UTR
cg18282791	6	26,332,501	0.016674	0.231	0.187					
cg22637890	11	95,954,652	2.38E-08	0.231	0.211				<i>MAML2</i>	Body
cg26756396	19	7,459,296	0.004357	0.231	0.246				<i>ARHGEF18</i>	TSS1500
cg07072704	22	45,899,736	2.56E-13	0.231	0.228				<i>FBLN1</i>	Body
cg11591485	3	124,839,640	1.36E-15	0.231	0.218				<i>SLC12A8</i>	Body
cg16072304	5	153,859,646	0.013207	0.231	0.257					
cg19797376	1	47,695,475	0.002564	0.231	0.168	2.56E-20	0.205		<i>TAL1</i>	TSS200

cg08390877	2	119,615,998	0.008185	0.231	0.310					
cg15013617	20	2,795,378	8.77E-08	0.231	0.205				<i>C20orf141</i>	TSS1500
cg22462010	8	124,173,385	1.74E-06	0.231	0.216					
cg22705929	11	57,417,974	1.44E-05	0.231	0.163	1.62E-09	0.147		<i>YPEL4</i>	TSS1500
cg24183566	7	101,629,430	5.49E-13	0.231	0.241				<i>CUX1</i>	Body
cg02973171	11	82,443,614	7.17E-07	0.231	0.226				<i>FAM181B</i>	1stExon
cg18837542	4	139,610,152	9.22E-14	0.231	0.218					
cg10472919	5	135,266,805	3.04E-07	0.231	0.211				<i>FBXL21</i>	5'UTR
cg18733548	17	77,766,817	1.05E-06	0.231	0.219					
cg23967293	6	37,550,213	1.33E-11	0.231	0.218					
cg14381712	1	12,546,623	0.001522	0.231	0.138				<i>VPS13D</i>	Body
cg26414521	12	132,899,974	1.62E-05	0.231	0.270				<i>GALNT9</i>	Body
cg03601920	1	17,445,310	1.29E-07	0.231	0.217				<i>PADI2</i>	Body
cg04707332	1	119,528,018	9.72E-23	0.231	0.220				<i>TBX15</i>	5'UTR
cg19572487	17	38,476,024	0.000148	0.231	0.176				<i>RARA</i>	5'UTR
cg07986058	15	26,094,704	0.000465	0.231	0.139				<i>ATP10A</i>	Body
cg10230190	1	85,405,081	5.7E-12	0.231	0.235				<i>MCOLN2</i>	Body
cg20480642	8	52,722,185	1.02E-09	0.231	0.216				<i>PXDNL</i>	TSS200
cg07119973	17	43,109,221	3.72E-09	0.231	0.237				<i>DCAKD</i>	Body
cg15448210	6	33,401,514	7.21E-21	0.231	0.230				<i>SYNGAP1</i>	Body
cg17085688	7	93,540,134	0.033512	0.231	0.113				<i>GNGT1</i>	Body
cg22019158	1	27,926,683	6.64E-09	0.231	0.229				<i>AHDC1</i>	5'UTR
cg06758644	1	12,533,120	2.35E-09	0.231	0.210				<i>VPS13D</i>	Body
cg06770429	6	143,206,075	1.42E-21	0.231	0.210				<i>HIVEP2</i>	5'UTR
cg07747133	3	181,428,307	3.95E-06	0.231	0.218				<i>SOX2OT</i>	Body
cg22012659	1	112,506,949	9.94E-12	0.231	0.210				<i>KCND3</i>	Body
cg10996327	10	94,180,743	0.00091	0.231	0.205					
cg07078225	12	52,652,377	0.016773	0.231	0.151					
cg08757037	7	75,933,294	0.013807	0.231	0.313				<i>HSPB1</i>	Body
cg21525032	17	80,372,493	0.003099	0.231	0.228				<i>C17orf101</i>	Body
cg11744777	6	27,799,370	0.002495	0.231	0.190				<i>HIST1H4K</i>	TSS200
cg14041778	1	33,938,210	0.02355	0.231	0.189				<i>ZSCAN20</i>	TSS200
cg24396358	6	32,977,400	0.000463	0.231	0.249				<i>HLA-DOA</i>	TSS200
cg14990644	5	112,771,691	0.000196	0.231	0.226				<i>TSSK1B</i>	TSS1500

cg22932427	1	155,615,664	2.35E-09	0.231	0.246					
cg07267294	5	58,893,722	3.57E-19	0.231	0.221				<i>PDE4D</i>	Body
cg22668218	6	161,100,017	0.00028	0.231	0.193					
cg27532722	22	24,115,568	2.32E-08	0.231	0.179	3.79E-14	0.134		<i>MMP11</i>	Body
cg21620540	11	12,031,314	1.43E-05	0.231	0.150				<i>DKK3</i>	TSS1500
cg26014634	17	70,113,514	5.63E-05	0.231	0.230					
cg26444951	4	13,530,269	0.035735	0.231	0.276					
cg11986760	2	112,420,098	6.3E-10	0.231	0.242					
cg25726080	1	167,682,729	2.06E-05	0.231	0.200					
cg08911368	8	11,471,085	0.002134	0.231	0.163					
cg18087477	1	115,397,597	1.55E-08	0.231	0.215	8.02E-13	0.149		<i>SYCP1</i>	1stExon
cg03096746	6	29,795,436	1.27E-06	0.231	0.232				<i>HLA-G</i>	5'UTR
cg07730329	5	140,810,137	0.000315	0.230	0.249	1.31E-19	0.188		<i>PCDHGA4</i>	Body
cg23930313	12	25,056,083	0.023458	0.230	0.275				<i>BCAT1</i>	Body
cg24837370	2	5,833,774	0.011304	0.230	0.226				<i>SOX11</i>	1stExon
cg26678138	4	184,642,625	5.21E-05	0.230	0.213					
cg06515144	1	179,545,091	0.049747	0.230	0.252				<i>NPHS2</i>	TSS200
cg19821297	19	12,890,029	1.07E-08	0.230	0.217					
cg20086517	8	30,588,468	2.08E-54	0.230	0.221					
cg03388193	10	100,996,070	0.030347	0.230	0.241	6.22E-11	0.170		<i>HPSE2</i>	TSS1500
cg08795320	16	66,982,803	7.88E-11	0.230	0.231					
cg11638298	4	188,917,173	4.79E-09	0.230	0.225				<i>ZFP42</i>	5'UTR
cg14039246	1	53,365,446	4.72E-08	0.230	0.201				<i>ECHDC2</i>	Body
cg26393015	7	128,809,301	9.44E-05	0.230	0.202					
cg01640808	X	21,674,815	1.43E-06	0.230	0.203				<i>KLHL34</i>	1stExon
cg13931292	1	114,698,448	0.000447	0.230	0.239					
cg25446789	2	25,810,393	8.5E-08	0.230	0.234				<i>DTNB</i>	Body
cg05293365	15	77,287,338	8.54E-14	0.230	0.227				<i>PSTPIP1</i>	TSS200
cg20080624	7	96,651,111	4.58E-06	0.230	0.215	0.02595709	0.053		<i>DLX5</i>	Body
cg05000994	7	27,131,807	6.18E-08	0.230	0.226					
cg07307078	18	12,307,630	0.000194	0.230	0.220	3.77E-07	0.087		<i>TUBB6</i>	TSS1500
cg10885779	11	34,331,908	7.13E-10	0.230	0.232				<i>ABTB2</i>	Body
cg15904283	10	23,484,867	0.010411	0.230	0.322					
cg27297441	10	134,918,671	0.000588	0.230	0.227				<i>GPR123</i>	Body

cg08281371	17	76,662,056	1.04E-06	0.230	0.219					
cg18912855	14	105,830,859	0.049432	0.230	0.113				<i>PACS2</i>	Body
cg18539461	1	201,709,675	0.003683	0.230	0.195				<i>NAV1</i>	Body
cg03760457	15	70,326,230	1.09E-10	0.230	0.209					
cg09015433	8	57,359,970	0.002261	0.230	0.224				<i>PENK</i>	TSS1500
cg10550882	20	1,825,647	0.003552	0.230	0.181					
cg13496662	19	45,416,369	1.01E-10	0.230	0.243					
cg18603577	12	123,900,102	1.89E-07	0.230	0.236				<i>RILPL2</i>	3'UTR
cg23690904	4	4,387,697	0.003148	0.230	0.242				<i>D4S234E</i>	TSS1500
cg03421358	17	17,479,100	9.49E-06	0.230	0.285				<i>PEMT</i>	Body
cg16683770	20	21,000,992	0.01224	0.230	0.263					
cg03612413	21	38,066,918	0.000963	0.230	0.280					
cg07542748	7	4,885,643	2.74E-05	0.230	0.196				<i>RADIL</i>	Body
cg08208460	19	39,687,865	0.038443	0.230	0.322				<i>NCCRP1</i>	1stExon
cg09556527	1	1,239,259	1.22E-17	0.230	0.230				<i>ACAP3</i>	Body
cg11585893	12	54,447,430	6.12E-07	0.230	0.198				<i>HOXC4</i>	5'UTR
cg24438217	4	39,980,114	2.72E-14	0.230	0.228				<i>PDS5A</i>	TSS1500
cg26339162	14	68,509,470	0.000192	0.230	0.204				<i>RAD51L1</i>	Body
cg13861244	1	18,214,635	8.66E-07	0.230	0.191					
cg23514016	5	78,407,564	1.32E-06	0.230	0.223				<i>BHMT</i>	TSS200
cg09396295	17	66,196,681	0.000515	0.230	0.231					
cg14533390	3	65,342,843	7.45E-09	0.230	0.226				<i>MAGI1</i>	Body
cg21397588	1	203,598,954	0.008973	0.230	0.187				<i>ATP2B4</i>	5'UTR
cg10477905	2	177,039,295	0.001665	0.230	0.221					
cg21996351	1	205,326,059	4.59E-42	0.230	0.221				<i>KLHDC8A</i>	TSS200
cg11336311	1	23,887,324	3.77E-20	0.230	0.236			Yes	<i>ID3</i>	TSS1500
cg25082959	13	103,046,930	0.048582	0.230	0.176				<i>FGF14</i>	Body
cg27387239	1	218,667,548	2.04E-08	0.230	0.225					
cg05810170	4	1,049,609	0.003086	0.230	0.169					
cg23901857	2	176,993,221	7.37E-06	0.230	0.196				<i>HOXD8</i>	TSS1500
cg24876187	6	31,126,871	0.001202	0.230	0.185				<i>CCHCR1</i>	TSS1500
cg07888912	19	11,305,913	4.12E-05	0.230	0.189				<i>KANK2</i>	5'UTR
cg16822407	1	15,392,852	2.79E-05	0.230	0.233				<i>KIAA1026</i>	Body
cg24452591	12	47,224,823	0.007596	0.230	0.112					

cg17421991	7	156,795,356	0.045478	0.230	0.204					
cg15554023	1	144,008,937	3.38E-09	0.230	0.239					
cg23206209	15	53,079,494	0.013831	0.230	0.153				<i>ONECUT1</i>	Body
cg26654798	15	83,953,864	4.2E-07	0.230	0.223				<i>BNC1</i>	TSS1500
cg01517500	2	10,637,974	0.000114	0.230	0.219					
cg08696165	2	45,172,169	0.002597	0.230	0.293				<i>SIX3</i>	3'UTR
cg14780276	4	148,743,200	1.29E-09	0.230	0.213				<i>ARHGAP10</i>	Body
cg23754924	15	93,616,943	4.2E-07	0.230	0.191				<i>RGMA</i>	Body
cg02633371	17	35,298,618	1.11E-05	0.230	0.196				<i>LHX1</i>	Body
cg09024228	1	116,707,400	6.12E-09	0.230	0.250					
cg15591803	1	111,733,668	5.99E-08	0.230	0.191				<i>DENND2D</i>	Body
cg21929183	5	140,807,225	0.024464	0.230	0.291				<i>PCDHGA4</i>	Body
cg24693341	4	41,746,947	0.03673	0.230	0.248				<i>PHOX2B</i>	3'UTR
cg06373648	6	33,401,536	2.21E-15	0.230	0.226				<i>SYNGAP1</i>	Body
cg01558645	4	71,587,904	4.17E-13	0.230	0.218				<i>RUFY3</i>	1stExon
cg27160952	21	44,089,142	0.000237	0.230	0.249				<i>PDE9A</i>	Body
cg20699141	3	182,698,915	0.000182	0.230	0.142				<i>DCUN1D1</i>	TSS1500
cg12165546	8	23,566,799	0.001395	0.230	0.225					
cg14085358	2	176,949,017	0.009432	0.230	0.237				<i>EVX2</i>	TSS1500
cg20023120	11	69,830,611	0.004331	0.230	0.220					
cg23676151	6	108,491,372	0.00044	0.230	0.268				<i>NR2E1</i>	Body
cg24139639	5	3,605,884	0.002821	0.230	0.291					
cg26607897	1	167,510,839	0.000689	0.230	0.242				<i>CREG1</i>	3'UTR
cg11441379	12	63,026,424	0.022706	0.230	0.180					
cg12403137	11	89,867,809	0.003942	0.230	0.277				<i>NAALAD2</i>	TSS200
cg10603156	10	13,732,625	1.02E-10	0.230	0.240				<i>FRMD4A</i>	Body
cg14554869	5	74,231,171	0.007545	0.230	0.276					
cg18390991	2	217,672,659	6.95E-16	0.230	0.241					
cg25349276	4	41,614,591	1.67E-09	0.230	0.205				<i>LIMCH1</i>	Body
cg10056203	10	13,571,816	4.31E-11	0.230	0.200					
cg13523649	20	37,230,741	5.99E-12	0.230	0.234				<i>C20orf95</i>	Body
cg25406779	19	40,732,712	0.006092	0.230	0.120				<i>CNTD2</i>	TSS200
cg25647583	15	91,427,184	2.32E-14	0.230	0.235				<i>FES</i>	TSS1500
cg02538248	16	75,045,643	1.2E-14	0.230	0.209				<i>ZNRF1</i>	Body



cg11070193	1	26,527,870	8.76E-08	0.230	0.225				<i>CATSPER4</i>	Body
cg09319061	12	109,128,198	1.32E-07	0.230	0.274					
cg09690483	2	202,992,863	4.04E-08	0.230	0.254					
cg21045608	11	8,615,456	0.016523	0.230	0.209				<i>STK33</i>	1stExon
cg01528028	13	100,649,800	0.000321	0.230	0.241					
cg11755796	20	19,192,616	0.015644	0.230	0.125				<i>SLC24A3</i>	TSS1500
cg00991994	3	99,639,553	7.4E-15	0.230	0.240				<i>C3orf26</i>	Body
cg10227187	16	2,030,509	0.024929	0.230	0.305				<i>NOXO1</i>	Body
cg17427305	15	57,881,059	2.81E-20	0.230	0.210					
cg21911276	18	55,289,797	3.67E-05	0.230	0.192				<i>NARS</i>	TSS1500
cg25070373	2	200,966,980	2.84E-09	0.230	0.203					
cg01091951	5	42,993,450	0.012062	0.230	0.232					
cg01638185	17	64,530,027	1.12E-09	0.230	0.231				<i>PRKCA</i>	Body
cg09888468	15	81,410,853	0.004087	0.230	0.208					
cg07123069	12	54,367,250	0.000154	0.230	0.189	7.14E-13	0.169		<i>HOXC11</i>	1stExon
cg07910724	3	117,604,411	0.034147	0.230	0.219					
cg14875081	2	96,814,660	6.62E-08	0.230	0.218					
cg17279839	7	150,038,598	1.96E-05	0.230	0.231	1.19E-25	0.200		<i>RARRES2</i>	5'UTR
cg17912835	2	105,478,804	2.61E-07	0.230	0.224					
cg26512226	2	220,282,165	5.21E-13	0.230	0.213				<i>DES</i>	TSS1500
cg27534599	22	17,680,477	1.45E-05	0.230	0.200				<i>CECR1</i>	Body
cg02833172	16	84,774,950	1.35E-05	0.230	0.222				<i>USP10</i>	Body
cg11050612	3	149,374,066	0.017991	0.230	0.168				<i>WWTR1</i>	Body
cg16002660	17	2,310,278	2.06E-05	0.230	0.216				<i>LOC284009</i>	Body
cg02273889	5	123,941,379	3.87E-08	0.230	0.241					
cg08917933	1	19,615,303	7.98E-06	0.230	0.231				<i>AKR7A3</i>	TSS200
cg09426383	7	26,897,182	3.66E-08	0.230	0.196				<i>SKAP2</i>	Body
cg16646024	5	175,560,307	0.003903	0.230	0.211					
cg19572014	2	24,232,681	9.78E-05	0.230	0.165				<i>MFSD2B</i>	TSS1500
cg23447239	7	157,697,628	7.98E-12	0.230	0.221				<i>PTPRN2</i>	Body
cg26221992	6	74,024,572	0.018944	0.230	0.243					
cg09612786	7	150,715,214	0.004118	0.230	0.266				<i>ATG9B</i>	Body
cg15511381	18	35,147,532	0.023248	0.230	0.163					
cg26606286	4	174,440,471	0.001272	0.230	0.225					

cg15732768	7	96,651,537	1.36E-06	0.230	0.224				<i>DLX5</i>	Body
cg24335895	19	36,643,771	1.46E-07	0.230	0.244				<i>COX7A1</i>	TSS200
cg04518808	19	54,384,822	0.000934	0.230	0.277				<i>PRKCG</i>	TSS1500
cg05322916	6	36,880,416	3.36E-06	0.230	0.198				<i>C6orf89</i>	Body
cg24375218	18	46,461,399	3.5E-10	0.230	0.221				<i>SMAD7</i>	Body
cg26364899	3	12,329,070	0.029074	0.230	0.384				<i>PPARG</i>	TSS1500
cg02137183	7	141,250,424	4.35E-19	0.230	0.227				<i>AGK</i>	TSS1500
cg00731232	9	18,437,917	2.5E-14	0.230	0.237					
cg11577716	20	20,258,001	0.001175	0.230	0.175				<i>C20orf26</i>	Body
cg13484553	9	137,990,330	0.012238	0.230	0.173				<i>OLFM1</i>	Body
cg18803104	6	28,956,324	0.000161	0.230	0.221					
cg21968515	11	62,694,099	2.7E-05	0.230	0.212					
cg00912580	2	135,169,533	3.86E-11	0.230	0.216				<i>MGAT5</i>	Body
cg26129545	5	149,792,330	0.039179	0.230	0.058				<i>CD74</i>	1stExon
cg02249657	5	140,873,765	1.17E-10	0.230	0.240				<i>PCDHGA4</i>	Body
cg18728025	4	121,991,645	1.04E-08	0.230	0.230				<i>C4orf31</i>	5'UTR
cg25747427	15	89,561,135	0.007663	0.230	0.198					
cg06172942	3	50,378,529	2.02E-06	0.230	0.232				<i>RASSF1</i>	TSS200
cg13342435	11	30,605,787	0.021927	0.230	0.236				<i>MPPED2</i>	5'UTR
cg14787269	19	46,380,394	1.1E-13	0.230	0.219					
cg04182378	X	21,958,416	0.004743	0.230	0.280				<i>SMS</i>	TSS1500
cg16345647	21	38,378,406	0.000244	0.230	0.202			Yes	<i>DSCR6</i>	TSS1500
cg01920232	12	106,976,668	0.00143	0.230	0.199	2.18E-18	0.151		<i>RFX4</i>	TSS1500
cg11241627	7	19,185,165	0.008192	0.230	0.269	0.0000164	0.068		<i>FERD3L</i>	TSS200
cg27485646	X	38,080,412	0.016066	0.230	0.203				<i>SRPX</i>	TSS1500
cg03276408	13	112,712,475	0.000149	0.230	0.268					
cg00374016	15	24,722,944	0.00012	0.230	0.238					
cg19012170	15	65,715,664	0.001005	0.230	0.280				<i>IGDCC4</i>	TSS1500
cg21405761	8	11,304,273	4.66E-15	0.230	0.219			Yes	<i>FAM167A</i>	5'UTR
cg27624162	2	111,876,008	3.76E-06	0.230	0.226					
cg24234899	10	118,922,493	0.034828	0.230	0.174					
cg13572309	12	16,758,267	0.001813	0.230	0.207				<i>LMO3</i>	5'UTR
cg26429783	1	245,753,302	1.03E-14	0.230	0.219				<i>KIF26B</i>	Body
cg00920139	8	22,455,473	4.85E-12	0.230	0.236				<i>PDLIM2</i>	3'UTR

cg06663149	4	41,457,558	4.92E-05	0.230	0.250				<i>LIMCH1</i>	Body
cg23698476	19	4,607,318	0.008406	0.230	0.156					
cg26734335	16	87,166,401	0.000117	0.230	0.251					
cg00854172	2	23,748,104	8.57E-14	0.230	0.212				<i>KLHL29</i>	5'UTR
cg06214007	1	89,829,308	0.000588	0.230	0.238	2.65E-17	0.214		<i>GBP6</i>	TSS200
cg00797651	1	207,494,336	1.52E-05	0.230	0.208				<i>CD55</i>	TSS1500
cg10227830	4	144,332,828	4.58E-06	0.230	0.235				<i>GAB1</i>	Body
cg01138867	5	160,975,792	0.027115	0.230	0.248				<i>GABRB2</i>	TSS1500
cg04296203	2	242,985,752	0.000411	0.230	0.232					
cg15315056	3	184,504,579	5.78E-06	0.229	0.213					
cg04581214	19	1,267,741	7.27E-12	0.229	0.217				<i>C19orf23</i>	Body
cg06087019	3	27,770,182	0.00212	0.229	0.208					
cg17498296	10	124,907,540	0.043032	0.229	0.159				<i>HMX2</i>	TSS200
cg00579520	12	128,752,586	4.76E-06	0.229	0.190				<i>TMEM132C</i>	Body
cg04755365	14	100,625,253	0.00219	0.229	0.222				<i>DEGS2</i>	Body
cg21735668	15	67,072,353	2.68E-13	0.229	0.224				<i>SMAD6</i>	Body
cg21052608	5	81,652,962	0.004373	0.229	0.159					
cg25514273	13	70,681,804	0.001301	0.229	0.207				<i>KLHL1</i>	1stExon
cg09656020	15	33,009,409	0.000546	0.229	0.245				<i>GREM1</i>	TSS1500
cg12345778	12	49,364,094	7.64E-07	0.229	0.181				<i>WNT10B</i>	Body
cg12560421	7	2,656,527	3.58E-19	0.229	0.233					
cg12831863	6	28,457,210	2.57E-06	0.229	0.219					
cg00849990	8	86,090,773	4.73E-07	0.229	0.205				<i>E2F5</i>	Body
cg13575422	9	91,608,364	5.27E-09	0.229	0.254				<i>C9orf47</i>	3'UTR
cg23375552	6	10,426,310	4.42E-08	0.229	0.263					
cg03964111	7	150,498,493	1.12E-10	0.229	0.234	1.38E-16	0.127		<i>TMEM176B</i>	TSS200
cg15239238	11	16,629,389	0.001193	0.229	0.126					
cg23679982	17	1,686,737	0.000909	0.229	0.137				<i>SMYD4</i>	Body
cg00473179	15	29,033,881	3.07E-05	0.229	0.265					
cg02285920	19	17,958,956	2.11E-06	0.229	0.191				<i>JAK3</i>	TSS200
cg06226156	2	74,726,478	0.00115	0.229	0.236				<i>LBX2</i>	Body
cg10136560	4	140,737,518	2.42E-07	0.229	0.241				<i>MAML3</i>	Body
cg14614754	1	120,289,923	4.92E-13	0.229	0.222					
cg15742751	1	155,213,747	0.001894	0.229	0.246				<i>GBA</i>	5'UTR

cg14531834	9	87,655,988	0.00472	0.229	0.297					
cg18814699	7	36,342,851	1.02E-09	0.229	0.163					
cg26297344	1	111,151,163	8.12E-08	0.229	0.226					
cg23123731	10	80,161,611	1.07E-06	0.229	0.217					
cg17620199	20	21,685,925	6.72E-06	0.229	0.269				PAX1	TSS1500
cg16397884	5	132,082,837	0.003505	0.229	0.193				CCNI2	TSS1500
cg16653620	2	162,284,135	0.015442	0.229	0.246					
cg23990272	1	25,906,648	2.72E-17	0.229	0.223					
cg05210258	13	102,569,538	0.041563	0.229	0.259				FGF14	Body
cg26685246	6	32,805,692	4.96E-06	0.229	0.162				TAP2	Body
cg12978433	20	52,789,956	0.028814	0.229	0.129				CYP24A1	1stExon
cg00031162	17	7,453,377	6.11E-12	0.229	0.218	4.46E-14	0.136		TNFSF12	Body
cg09978860	4	56,023,921	7.35E-05	0.229	0.241					
cg09553982	10	77,875,676	0.034388	0.229	0.095				C10orf11	Body
cg14486905	2	171,677,602	0.00024	0.229	0.223				GAD1	Body
cg12215739	2	177,014,966	5.62E-08	0.229	0.202				HOXD4	TSS1500
cg25397636	7	1,896,220	3.06E-24	0.229	0.208				MAD1L1	Body
cg01033938	11	130,298,880	0.00734	0.229	0.269	5.69E-21	0.192		ADAMTS8	TSS1500
cg03636532	18	55,107,236	0.009519	0.229	0.239				ONECUT2	Body
cg04007726	10	80,981,129	0.000418	0.229	0.260				ZMIZ1	Body
cg04993276	1	65,730,339	6.02E-05	0.229	0.209				DNAJC6	TSS200
cg09503045	19	55,592,453	0.000172	0.229	0.223				EPS8L1	Body
cg25673591	17	39,945,814	5.51E-07	0.229	0.225					
cg17771050	10	47,083,342	0.000434	0.229	0.107				PPYR1	TSS200
cg12195742	18	72,123,456	1.64E-08	0.229	0.179				FAM69C	Body
cg12229555	17	80,260,329	2.84E-09	0.229	0.203					
cg17419888	2	23,840,555	5.23E-06	0.229	0.227				KLHL29	Body
cg26181727	3	14,581,959	4.31E-06	0.229	0.254				GRIP2	Body
cg02369820	4	6,200,609	0.020059	0.229	0.147				JAKMIP1	5'UTR
cg06660332	1	47,009,707	8.82E-06	0.229	0.244					
cg09920605	7	140,341,335	0.000111	0.229	0.224					
cg14300730	2	108,994,366	0.007021	0.229	0.131				SULT1C4	TSS200
cg21614408	6	52,228,023	0.009604	0.229	0.131				PAQR8	5'UTR
cg01748757	17	54,230,996	3.12E-09	0.229	0.207				ANKFN1	Body

cg07917150	7	27,154,264	7.74E-06	0.229	0.211				<i>HOXA3</i>	5'UTR
cg14477581	9	72,899,321	1.27E-08	0.229	0.225				<i>SMC5</i>	Body
cg02629070	6	41,394,156	5.25E-09	0.229	0.225					
cg08776014	21	43,183,039	8.08E-10	0.229	0.196				<i>RIPK4</i>	Body
cg26618058	12	118,022,239	4.01E-07	0.229	0.219				<i>KSR2</i>	Body
cg12801917	17	15,417,503	1.25E-05	0.229	0.221				<i>FAM18B2</i>	Body
cg25140419	1	221,050,742	4.34E-05	0.229	0.210					
cg06890415	8	67,405,405	2.52E-06	0.229	0.206				<i>C8orf46</i>	TSS200
cg14417760	15	27,111,749	0.000212	0.229	0.240				<i>GABRA5</i>	TSS1500
cg11549972	12	103,358,649	0.000109	0.229	0.208					
cg22980079	4	2,627,118	1.62E-13	0.229	0.205	3.09E-19	0.184		<i>FAM193A</i>	TSS200
cg00976949	3	127,950,782	4E-20	0.229	0.208				<i>EEFSEC</i>	Body
cg01231108	2	155,556,016	0.000263	0.229	0.232				<i>KCNJ3</i>	Body
cg27656658	17	46,628,224	3.49E-07	0.229	0.220				<i>HOXB3</i>	Body
cg12105183	1	89,829,876	4.4E-21	0.229	0.231				<i>GBP6</i>	5'UTR
cg13623495	6	10,426,099	1.96E-05	0.229	0.221					
cg14508021	15	85,987,419	1.22E-07	0.229	0.205				<i>AKAP13</i>	5'UTR
cg08607018	19	31,842,873	2.46E-05	0.229	0.214					
cg02064360	2	219,854,101	7.25E-06	0.229	0.226			Yes		
cg10454327	16	85,204,789	5.4E-18	0.229	0.241					
cg20597172	1	246,646,424	2.28E-08	0.229	0.212				<i>SMYD3</i>	Body
cg00203568	X	135,850,876	2.15E-08	0.229	0.221				<i>ARHGEF6</i>	Body
cg11280525	5	87,955,695	0.000273	0.229	0.253				<i>LOC645323</i>	Body
cg20890989	2	223,574,238	0.000409	0.229	0.237				<i>MOGAT1</i>	Body
cg04055345	10	116,264,862	7.83E-10	0.229	0.237				<i>ABLIM1</i>	Body
cg00036976	16	85,343,281	9.24E-19	0.229	0.219					
cg01222180	X	150,345,616	0.008629	0.229	0.227				<i>GPR50</i>	Body
cg04729730	11	69,258,477	0.022031	0.229	0.107					
cg23856138	10	35,658,321	0.001297	0.229	0.218				<i>CCNY</i>	Body
cg26307117	3	46,506,552	0.000135	0.229	0.177				<i>LTF</i>	TSS200
cg02456406	19	36,288,702	0.000984	0.229	0.265					
cg00687306	15	37,398,943	0.01723	0.229	0.258					
cg02438164	16	4,651,732	0.000121	0.229	0.264					
cg13530507	X	54,833,796	1.21E-07	0.229	0.224				<i>MAGED2</i>	TSS1500

cg07776049	2	928,870	1.15E-05	0.229	0.219					
cg13030582	17	19,290,708	4.9E-20	0.229	0.221	7.68E-16	0.117		<i>MFAP4</i>	TSS1500
cg25125298	5	71,853,215	3E-09	0.229	0.202					
cg27413563	7	95,026,090	1.01E-05	0.229	0.219				<i>PON3</i>	TSS1500
cg01096199	14	90,191,045	0.005823	0.229	0.174					
cg04805577	7	27,286,684	7.28E-10	0.229	0.199					
cg13737332	10	100,993,583	0.004658	0.229	0.297				<i>HPSE2</i>	Body
cg27450668	1	3,460,070	0.005702	0.229	0.186				<i>MEGF6</i>	Body
cg01427769	6	31,830,600	0.045091	0.229	0.223				<i>NEU1</i>	5'UTR
cg01212071	2	122,041,650	2.13E-08	0.229	0.214				<i>TFCP2L1</i>	Body
cg00194519	X	133,679,545	0.00132	0.229	0.235				<i>MGC16121</i>	Body
cg19134347	14	104,584,279	1.95E-09	0.229	0.217					
cg00077904	5	151,078,909	6.49E-11	0.229	0.219					
cg10303107	11	45,230,795	1.3E-62	0.229	0.212				<i>PRDM11</i>	Body
cg16160493	14	89,837,519	2.46E-14	0.229	0.220				<i>FOXN3</i>	Body
cg26266041	14	88,852,686	0.003748	0.229	0.103				<i>SPATA7</i>	Body
cg03572011	17	43,229,244	7.31E-06	0.229	0.249				<i>HEXIM1</i>	1stExon
cg13743231	10	94,958,683	0.031464	0.229	0.155					
cg04340435	13	114,145,973	0.000513	0.229	0.183				<i>TMCO3</i>	5'UTR
cg04202892	2	111,875,749	4.49E-05	0.229	0.236				<i>ACOXL</i>	3'UTR
cg09104660	12	57,635,479	6.96E-10	0.229	0.196				<i>NDUFA4L2</i>	TSS1500
cg12600692	2	198,809,390	0.000431	0.229	0.217				<i>PLCL1</i>	Body
cg23015118	1	2,232,527	0.000207	0.229	0.218				<i>SKI</i>	Body
cg09792881	1	50,884,544	0.011597	0.229	0.283				<i>DMRTA2</i>	Body
cg18178715	1	43,795,999	0.000325	0.229	0.246					
cg06124975	6	107,810,578	0.003071	0.229	0.118				<i>SOBP</i>	TSS1500
cg01938018	1	179,545,425	0.000105	0.229	0.196				<i>NPHS2</i>	TSS1500
cg04478428	20	61,584,072	1.21E-07	0.229	0.225				<i>SLC17A9</i>	1stExon
cg08162976	2	67,032,496	2.9E-08	0.229	0.183					
cg09606564	17	19,290,353	1.4E-08	0.229	0.253	0.00000792	0.094		<i>MFAP4</i>	Body
cg07963345	22	39,436,852	5.96E-07	0.229	0.207				<i>APOBEC3F</i>	1stExon
cg22158992	5	1,021,831	3.59E-13	0.229	0.202				<i>NKD2</i>	Body
cg26777836	3	26,665,815	0.039539	0.229	0.095				<i>LRR3B</i>	5'UTR
cg13067221	14	23,449,582	7.35E-05	0.229	0.236				<i>JUB</i>	Body

cg23636571	6	32,828,996	0.024047	0.229	0.167					
cg26668276	7	96,633,311	0.011544	0.229	0.270				<i>DLX6AS</i>	Body
cg02773756	6	27,799,308	0.001212	0.229	0.186				<i>HIST1H4K</i>	TSS200
cg15406469	11	35,546,824	6.23E-05	0.229	0.204				<i>PAMR1</i>	Body
cg16134717	1	11,752,494	0.001065	0.229	0.238				<i>MAD2L2</i>	TSS1500
cg20325547	1	9,431,594	2.93E-12	0.229	0.223					
cg18614381	19	31,844,182	5.03E-07	0.229	0.211					
cg27246147	17	47,987,056	0.00025	0.229	0.246					
cg00801512	17	28,996,047	7.53E-06	0.229	0.283					
cg08355659	12	54,399,190	2.62E-10	0.229	0.196					
cg12061886	14	75,746,793	4.03E-09	0.229	0.204				<i>FOS</i>	Body
cg21046160	22	24,105,147	0.001913	0.229	0.149				<i>C22orf15</i>	TSS200
cg04105091	6	32,121,355	0.000708	0.229	0.235				<i>PPT2</i>	TSS1500
cg07197785	1	111,813,690	0.000877	0.229	0.282					
cg25706257	1	6,390,530	8.78E-23	0.229	0.209				<i>ACOT7</i>	Body
cg06558014	6	100,051,116	0.045262	0.229	0.371					
cg08910558	15	75,471,194	4.26E-05	0.229	0.229					
cg13382288	1	202,614,046	3.58E-07	0.229	0.215				<i>SYT2</i>	TSS1500
cg15852963	3	181,440,178	1.29E-05	0.229	0.211				<i>SOX2OT</i>	Body
cg26575450	2	64,834,280	0.000854	0.229	0.213					
cg00178119	8	105,235,184	9.66E-07	0.229	0.217				<i>RIMS2</i>	Body
cg07910680	18	56,296,449	1.21E-15	0.229	0.216				<i>ALPK2</i>	TSS1500
cg01084154	1	20,692,892	0.020133	0.229	0.303					
cg09731996	5	3,599,090	0.00368	0.229	0.265				<i>IRX1</i>	Body
cg16601359	12	2,955,294	1.12E-13	0.229	0.228					
cg04074153	12	29,568,207	0.00076	0.229	0.287					
cg21357996	20	33,578,276	6.43E-17	0.229	0.225				<i>MYH7B</i>	Body
cg21784254	13	108,922,428	8.97E-06	0.229	0.218				<i>TNFSF13B</i>	1stExon
cg01289103	17	38,821,277	0.029216	0.229	0.232	0.0000128	0.114		<i>KRT222</i>	1stExon
cg10780949	15	67,418,316	0.000375	0.229	0.166				<i>SMAD3</i>	Body
cg11028052	15	81,154,387	7.81E-10	0.229	0.232				<i>KIAA1199</i>	5'UTR
cg07417284	17	1,082,225	1.57E-05	0.229	0.196				<i>ABR</i>	Body
cg13045555	8	105,342,365	1.53E-10	0.229	0.216					
cg17032005	1	92,891,301	3.98E-14	0.229	0.236					

cg17172851	1	18,957,328	0.002991	0.229	0.244				<i>PAX7</i>	TSS200
cg24848787	15	58,844,359	3.59E-06	0.229	0.195				<i>LIPC</i>	Body
cg27485596	13	111,829,530	1.44E-09	0.229	0.223				<i>ARHGEF7</i>	Body
cg16999370	4	122,302,232	0.030095	0.229	0.224				<i>QRFPR</i>	TSS200
cg08072507	7	133,897,858	6.88E-07	0.229	0.199				<i>LRGUK</i>	Body
cg24213719	18	60,263,646	0.015375	0.229	0.201					
cg00162969	12	132,933,532	0.013749	0.229	0.299					
cg00702126	1	1,369,793	0.01489	0.229	0.142				<i>VWA1</i>	TSS1500
cg04995300	3	66,848,608	0.00015	0.229	0.250					
cg06017212	17	1,478,463	2.53E-12	0.228	0.215				<i>SLC43A2</i>	3'UTR
cg27176614	16	88,717,989	2.13E-11	0.228	0.227				<i>CYBA</i>	TSS1500
cg26421310	1	25,257,058	0.005799	0.228	0.189				<i>RUNX3</i>	TSS1500
cg13341668	3	50,359,909	9.12E-14	0.228	0.247				<i>HYAL2</i>	5'UTR
cg15976388	1	114,696,946	0.011963	0.228	0.266				<i>SYT6</i>	TSS1500
cg17533927	7	128,550,898	3.11E-18	0.228	0.203				<i>KCP</i>	TSS200
cg02582057	7	155,258,253	0.011712	0.228	0.206					
cg11993173	8	54,857,695	2.97E-05	0.228	0.262				<i>RGS20</i>	Body
cg17069396	20	2,731,102	4.75E-09	0.228	0.209				<i>EBF4</i>	Body
cg15603311	3	54,157,900	0.006877	0.228	0.221				<i>CACNA2D3</i>	Body
cg03804255	12	90,278,335	8.55E-07	0.228	0.223					
cg09260773	1	119,529,266	0.003687	0.228	0.310				<i>TBX15</i>	5'UTR
cg22101190	17	77,896,096	0.001152	0.228	0.189					
cg04143876	15	76,639,558	0.000452	0.228	0.131					
cg08818092	X	24,665,074	0.048632	0.228	0.184				<i>PCYT1B</i>	Body
cg10499651	3	12,465,415	0.004479	0.228	0.177				<i>PPARG</i>	Body
cg03230711	2	45,228,334	2.92E-10	0.228	0.251					
cg11620672	6	19,298,476	1.2E-14	0.228	0.225					
cg07010228	19	2,253,854	1.17E-07	0.228	0.214				<i>JSRP1</i>	Body
cg08662620	10	34,061,705	8.7E-07	0.228	0.233					
cg14780466	2	20,870,812	3.53E-10	0.228	0.216				<i>GDF7</i>	Body
cg20779964	20	54,580,070	6.53E-12	0.228	0.210				<i>CBLN4</i>	TSS200
cg18496447	15	45,480,917	0.019099	0.228	0.126				<i>SHF</i>	Body
cg25910519	7	157,389,729	1.24E-17	0.228	0.220				<i>PTPRN2</i>	Body
cg06948492	19	34,398,264	4.87E-07	0.228	0.226					



cg15843262	2	25,473,895	1.8E-06	0.228	0.223				<i>DNMT3A</i>	Body
cg16198103	8	53,471,884	9.78E-09	0.228	0.209				<i>FAM150A</i>	Body
cg06159404	10	43,846,376	0.01462	0.228	0.136					
cg26006870	8	11,559,039	1.71E-06	0.228	0.239					
cg01942962	4	158,143,439	0.03986	0.228	0.167				<i>GRIA2</i>	Body
cg00953480	9	37,034,933	0.043273	0.228	0.377				<i>PAX5</i>	TSS1500
cg25929173	2	182,548,308	0.038767	0.228	0.049					
cg08290668	16	876,164	1.41E-07	0.228	0.197					
cg10130564	11	117,069,849	4.28E-13	0.228	0.225				<i>TAGLN</i>	TSS200
cg24399204	2	11,636,294	2.69E-07	0.228	0.191					
cg04633683	16	29,837,056	2.05E-06	0.228	0.229				<i>MVP</i>	5'UTR
cg07942135	7	27,154,262	0.000327	0.228	0.203				<i>HOXA3</i>	5'UTR
cg27262850	18	74,826,769	3.47E-07	0.228	0.214				<i>MBP</i>	5'UTR
cg05053978	6	117,869,098	1.69E-05	0.228	0.221				<i>DCBLD1</i>	Body
cg03795847	3	44,596,512	5.1E-05	0.228	0.157				<i>ZNF167</i>	TSS200
cg13344095	6	26,233,352	0.014963	0.228	0.216					
cg00761125	12	96,590,115	1.54E-07	0.228	0.228				<i>ELK3</i>	5'UTR
cg26522361	5	55,625,247	2.68E-10	0.228	0.209					
cg05673882	5	74,862,702	0.000165	0.228	0.210				<i>POLK</i>	Body
cg10397440	8	57,359,258	5.28E-05	0.228	0.253				<i>PENK</i>	TSS1500
cg17046823	17	16,256,992	0.006156	0.228	0.143				<i>CENPV</i>	TSS200
cg18722841	11	71,954,982	0.000579	0.228	0.277	4.24E-08	0.163		<i>PHOX2A</i>	1stExon
cg01547915	2	38,947,762	0.00189	0.228	0.243				<i>GALM</i>	Body
cg06191390	2	73,299,285	7.36E-06	0.228	0.175				<i>SFXN5</i>	TSS1500
cg26395761	7	107,700,124	2.08E-11	0.228	0.220				<i>LAMB4</i>	Body
cg02329430	15	73,921,385	1.37E-23	0.228	0.215				<i>NPTN</i>	Body
cg09090017	15	23,158,623	0.000279	0.228	0.241					
cg22729539	12	122,519,119	2.36E-07	0.228	0.226				<i>MLXIP</i>	Body
cg08832414	3	183,993,571	6.3E-10	0.228	0.191				<i>ECE2</i>	Body
cg12854483	19	11,649,671	7.68E-07	0.228	0.234	6.84E-28	0.211		<i>CNN1</i>	1stExon
cg23733328	X	53,311,101	6.46E-06	0.228	0.242				<i>IQSEC2</i>	Body
cg22494858	1	110,611,712	3.71E-06	0.228	0.228				<i>ALX3</i>	Body
cg06201393	3	169,378,835	2.55E-05	0.228	0.216				<i>MECOM</i>	Body
cg09553651	15	60,411,555	0.004838	0.228	0.185					

cg26346108	19	35,329,641	0.001035	0.228	0.262					
cg07355926	19	1,852,127	9.28E-06	0.228	0.210					
cg09473576	1	20,813,647	0.033153	0.228	0.092				<i>CAMK2N1</i>	TSS1500
cg05230392	17	55,976,522	0.000262	0.228	0.279				<i>CUEDC1</i>	5'UTR
cg10546817	14	95,233,855	1.99E-06	0.228	0.207					
cg06710259	5	55,775,841	8.81E-12	0.228	0.214					
cg14376625	12	111,736,686	2.36E-08	0.228	0.246				<i>CUX2</i>	Body
cg14886572	17	40,934,398	0.045292	0.228	0.075				<i>WNK4</i>	Body
cg16585333	1	223,302,861	0.004751	0.228	0.236				<i>TLR5</i>	5'UTR
cg25670685	13	102,068,432	0.008936	0.228	0.129				<i>NALCN</i>	5'UTR
cg08430329	2	73,430,374	0.015133	0.228	0.264				<i>NOTO</i>	Body
cg10902144	3	28,618,700	2.81E-06	0.228	0.162					
cg13900817	5	172,070,153	1.55E-05	0.228	0.219				<i>NEURL1B</i>	Body
cg02852670	14	20,903,410	1.1E-11	0.228	0.257				<i>KLHL33</i>	5'UTR
cg19659741	8	39,172,099	9.86E-05	0.228	0.246				<i>ADAM5P</i>	TSS200
cg27343917	2	75,751,211	5.8E-05	0.228	0.244				<i>FAM176A</i>	5'UTR
cg27638453	6	157,470,150	6.59E-06	0.228	0.217				<i>ARID1B</i>	Body
cg02246426	8	97,162,431	0.000361	0.228	0.216				<i>GDF6</i>	Body
cg18358869	10	102,808,077	1.12E-10	0.228	0.217					
cg19317211	20	2,801,711	0.002439	0.228	0.270					
cg05771342	11	68,782,202	6.02E-09	0.228	0.221				<i>MRGPRF</i>	TSS1500
cg15282819	16	12,997,592	0.016989	0.228	0.257				<i>SHISA9</i>	Body
cg24366665	13	31,371,618	0.002529	0.228	0.200					
cg00395063	11	120,210,293	6.95E-07	0.228	0.227				<i>ARHGEF12</i>	Body
cg05033803	6	27,182,976	0.017349	0.228	0.315					
cg05619598	19	33,569,228	3.06E-05	0.228	0.229					
cg07802949	8	1,404,980	1.98E-07	0.228	0.192					
cg10333214	16	1,382,952	0.00011	0.228	0.203					
cg25444386	4	55,990,944	3.89E-10	0.228	0.237				<i>KDR</i>	Body
cg10205310	12	117,131,820	9.62E-14	0.228	0.181					
cg08914623	11	44,327,572	2.2E-06	0.228	0.252	4.03E-23	0.211		<i>ALX4</i>	Body
cg13598256	5	140,801,286	0.00286	0.228	0.277				<i>PCDHGA4</i>	Body
cg15927196	7	95,025,905	1.68E-05	0.228	0.199				<i>PON3</i>	TSS1500
cg21413219	1	6,299,374	9.12E-05	0.228	0.275					

cg15081720	1	119,866,618	2.34E-16	0.228	0.217					
cg15895925	1	33,810,859	1.6E-18	0.228	0.240				<i>PHC2</i>	5'UTR
cg02854922	1	144,930,964	2.57E-06	0.228	0.135				<i>PDE4DIP</i>	1stExon
cg11581248	1	9,887,811	2.24E-14	0.228	0.222					
cg12067764	1	153,762,244	0.002352	0.228	0.176					
cg21506800	19	11,531,519	9.37E-05	0.228	0.235				<i>CCDC151</i>	Body
cg22663872	7	149,120,266	0.000137	0.228	0.231					
cg03391657	1	121,260,690	0.000616	0.228	0.095				<i>LOC647121</i>	TSS1500
cg11721464	19	42,703,763	6.62E-09	0.228	0.202				<i>DEDD2</i>	Body
cg14270581	14	103,394,548	6.59E-09	0.228	0.204				<i>AMN</i>	Body
cg06759189	17	77,777,947	0.021966	0.228	0.187					
cg01691710	8	49,292,285	3.67E-11	0.228	0.201					
cg02168584	2	172,972,681	0.001664	0.228	0.222					
cg04431143	3	37,986,017	2.47E-05	0.228	0.240				<i>CTDSPL</i>	Body
cg17173187	15	85,201,210	0.0256	0.228	0.202				<i>NMB</i>	Body
cg19547972	7	73,389,575	8.18E-09	0.228	0.231					
cg26818573	2	46,717,839	2.57E-09	0.228	0.227					
cg17964510	2	175,199,694	0.033455	0.228	0.279				<i>SP9</i>	TSS200
cg00767496	15	45,671,279	7.47E-06	0.228	0.223				<i>LOC145663</i>	Body
cg01043845	2	177,013,071	6.34E-06	0.228	0.187					
cg14377594	9	1,051,505	9.8E-08	0.228	0.198				<i>DMRT2</i>	5'UTR
cg04335355	X	44,204,116	1.27E-05	0.228	0.218				<i>EFHC2</i>	TSS1500
cg21858380	2	119,916,486	0.002981	0.228	0.230				<i>C1QL2</i>	TSS200
cg01815538	6	100,054,615	5.46E-05	0.228	0.148				<i>PRDM13</i>	TSS200
cg02718825	20	55,202,842	2.9E-07	0.228	0.219					
cg02801786	12	113,914,222	0.005787	0.228	0.254					
cg16552454	20	61,583,924	5.16E-09	0.228	0.222				<i>SLC17A9</i>	TSS200
cg03233918	4	84,991,657	0.031789	0.228	0.254					
cg06118312	5	54,398,555	0.000808	0.228	0.242	1.18E-13	0.217		<i>GZMA</i>	1stExon
cg08529345	16	54,971,700	0.002593	0.228	0.249					
cg22254983	8	136,181,389	0.049822	0.228	0.323					
cg07227671	12	124,780,924	0.011683	0.228	0.282				<i>FAM101A</i>	5'UTR
cg01944288	9	135,036,217	1.26E-09	0.228	0.237				<i>NTNG2</i>	TSS1500
cg11652668	18	13,136,899	0.007275	0.228	0.069					

cg13929328	10	129,535,898	4.22E-07	0.228	0.173	5.15E-23	0.207		<i>FOXI2</i>	1stExon
cg15438548	10	123,098,791	1.31E-11	0.228	0.213					
cg22751954	6	143,023,932	2.55E-13	0.228	0.214					
cg26525121	6	14,129,370	3.36E-17	0.228	0.218				<i>CD83</i>	Body
cg26860613	12	6,661,647	2.18E-13	0.228	0.221				<i>IFFO1</i>	Body
cg10885338	2	106,682,640	2.51E-06	0.228	0.206	5.67E-09	0.089		<i>C2orf40</i>	Body
cg24116965	4	148,654,701	2.63E-08	0.228	0.207				<i>ARHGAP10</i>	Body
cg01323049	2	19,557,396	2.97E-05	0.228	0.187				<i>OSR1</i>	5'UTR
cg09314702	12	76,271,607	3.81E-09	0.228	0.223					
cg03946671	20	62,693,973	4.6E-13	0.228	0.233				<i>TCEA2</i>	TSS200
cg04754011	11	60,623,144	7.58E-09	0.228	0.216	1.78E-20	0.101		<i>GPR44</i>	5'UTR
cg06772671	16	85,123,778	8.35E-18	0.228	0.220				<i>KIAA0513</i>	3'UTR
cg15506703	2	242,844,601	0.01847	0.228	0.185					
cg18249173	7	35,293,245	0.007369	0.228	0.244				<i>TBX20</i>	1stExon
cg23319982	19	41,641,847	0.000194	0.228	0.224					
cg06829760	2	16,845,412	9.5E-08	0.228	0.246				<i>FAM49A</i>	5'UTR
cg10066186	14	23,083,160	7.09E-13	0.228	0.235					
cg11410682	19	46,999,224	0.001727	0.228	0.279				<i>PNMAL2</i>	TSS200
cg12999932	3	177,412,249	3.98E-09	0.228	0.234					
cg17818471	2	177,012,640	6.33E-07	0.228	0.174					
cg07016258	15	83,953,929	3.54E-06	0.228	0.243				<i>BNC1</i>	TSS1500
cg14799457	18	19,927,125	0.026323	0.228	0.149					
cg03982087	18	9,708,920	0.044965	0.228	0.110				<i>RAB31</i>	Body
cg06108459	6	43,089,049	4.99E-10	0.228	0.225				<i>PTK7</i>	Body
cg22459204	5	10,565,940	1.75E-07	0.228	0.221				<i>ANKRD33B</i>	Body
cg10362172	3	138,679,578	0.001971	0.228	0.252					
cg14252141	6	1,388,159	1.89E-06	0.228	0.172					
cg20387775	6	158,136,705	3.14E-13	0.228	0.233					
cg05670461	3	157,155,088	8.69E-05	0.228	0.208				<i>VEPH1</i>	Body
cg16858415	11	116,967,348	8.45E-06	0.228	0.233				<i>SIK3</i>	Body
cg01387771	16	1,036,944	0.002425	0.228	0.228				<i>SOX8</i>	3'UTR
cg11944284	11	2,904,663	2.87E-15	0.228	0.208				<i>CDKN1C</i>	3'UTR
cg05488474	12	54,388,934	0.0021	0.228	0.174					
cg05826677	7	48,031,468	0.013686	0.228	0.271				<i>SUNC1</i>	Body

cg10687131	2	20,871,002	0.032888	0.228	0.302				<i>GDF7</i>	Body
cg11848254	7	134,939,464	9.61E-08	0.228	0.229				<i>STRA8</i>	Body
cg11841529	20	44,746,751	0.028131	0.228	0.338				<i>CD40</i>	TSS200
cg04365202	1	197,889,248	0.007592	0.228	0.260				<i>LHX9</i>	Body
cg20459687	13	99,128,579	2.7E-07	0.228	0.219				<i>STK24</i>	Body
cg24927890	5	149,980,526	0.000302	0.228	0.212				<i>SYNPO</i>	TSS200
cg10502220	4	176,733,966	2.49E-05	0.228	0.173				<i>GPM6A</i>	1stExon
cg14087880	10	47,083,316	0.006783	0.228	0.091				<i>PPYR1</i>	TSS1500
cg11132534	2	218,114,431	1.56E-06	0.228	0.187					
cg21752601	2	27,531,310	9.95E-26	0.228	0.232				<i>UCN</i>	TSS200
cg03950655	1	64,379,958	1.15E-06	0.228	0.250				<i>ROR1</i>	Body
cg08355260	2	74,729,429	0.027671	0.228	0.298				<i>LOC151534</i>	TSS1500
cg14700707	6	32,191,840	2.11E-07	0.228	0.251	1.1E-30	0.162		<i>NOTCH4</i>	1stExon
cg03509898	14	104,190,750	3.18E-21	0.228	0.219				<i>ZFYVE21</i>	Body
cg19503640	5	1,503,763	1.33E-43	0.228	0.228				<i>LPCAT1</i>	Body
cg01270593	14	51,339,072	1.72E-06	0.228	0.248				<i>ABHD12B</i>	5'UTR
cg04451570	10	81,892,128	5.97E-05	0.228	0.199				<i>PLAC9</i>	TSS200
cg09807875	7	34,136,112	0.001283	0.228	0.205				<i>BMPER</i>	Body
cg10679688	13	100,624,965	0.013125	0.228	0.234				<i>ZIC5</i>	TSS1500
cg18468354	14	36,993,517	0.002103	0.228	0.247					
cg07557630	5	34,503,180	8.71E-11	0.228	0.216					
cg12729305	1	208,497,546	0.012122	0.228	0.152					
cg14334441	6	27,235,820	0.00038	0.228	0.253					
cg21476000	12	54,430,684	2.47E-15	0.228	0.204				<i>HOXC4</i>	5'UTR
cg21550024	4	123,747,533	5.96E-08	0.228	0.216				<i>FGF2</i>	TSS1500
cg03583050	19	3,358,182	5.6E-08	0.228	0.189				<i>NFIC</i>	TSS1500
cg11012061	5	145,722,468	0.032025	0.228	0.204					
cg13011961	3	67,291,183	5.51E-12	0.228	0.223					
cg22059812	1	19,992,564	9.72E-05	0.228	0.198				<i>HTR6</i>	1stExon
cg08827358	16	66,461,802	0.002901	0.228	0.246				<i>BEAN</i>	5'UTR
cg15996644	12	54,370,352	0.006447	0.227	0.137					
cg17470942	6	134,210,279	4.16E-05	0.227	0.246				<i>TCF21</i>	1stExon
cg18469813	6	168,148,018	1.02E-16	0.227	0.221					
cg06043908	8	49,467,831	3.79E-19	0.227	0.218					

cg08761350	X	101,967,081	0.032535	0.227	0.236				<i>GPRASP2</i>	TSS1500
cg08848847	11	36,399,468	6.4E-05	0.227	0.123				<i>PRR5L</i>	5'UTR
cg10553103	5	140,619,567	0.004527	0.227	0.301				<i>PCDHB19P</i>	TSS200
cg12485727	20	39,762,753	1.29E-12	0.227	0.218					
cg16831623	20	6,750,617	0.022735	0.227	0.275				<i>BMP2</i>	5'UTR
cg23357257	16	29,887,967	1.26E-05	0.227	0.234				<i>SEZ6L2</i>	Body
cg08373610	2	198,540,621	0.002386	0.227	0.265	0.0000873	0.073		<i>RFTN2</i>	TSS200
cg06989610	12	54,451,877	1.82E-06	0.227	0.167				<i>FLJ12825</i>	TSS200
cg07568117	16	2,139,114	1.47E-07	0.227	0.219				<i>PKD1</i>	3'UTR
cg13222091	20	3,758,207	0.000904	0.227	0.076				<i>SPEF1</i>	3'UTR
cg01751605	7	137,028,546	0.007351	0.227	0.151				<i>PTN</i>	TSS200
cg05996512	15	63,032,491	9E-13	0.227	0.224				<i>TLN2</i>	Body
cg22927247	8	86,351,195	4.43E-10	0.227	0.223				<i>CA3</i>	Body
cg02185666	2	206,549,667	1.69E-05	0.227	0.218				<i>NRP2</i>	Body
cg05534403	20	61,583,830	3.69E-05	0.227	0.219				<i>SLC17A9</i>	TSS200
cg18708252	22	39,545,030	3.55E-08	0.227	0.263				<i>CBX7</i>	Body
cg10646402	12	15,475,490	0.003328	0.227	0.231	5.57E-08	0.134		<i>PTPRO</i>	1stExon
cg19519310	6	1,389,367	0.003826	0.227	0.127				<i>FOXF2</i>	TSS1500
cg03783663	13	70,682,628	0.000131	0.227	0.249				<i>KLHL1</i>	TSS200
cg13154880	4	48,486,472	0.000128	0.227	0.228				<i>SLC10A4</i>	Body
cg15000841	11	64,815,642	0.000275	0.227	0.217				<i>NAALADL1</i>	Body
cg16153547	2	74,725,925	0.00251	0.227	0.260				<i>LBX2</i>	Body
cg21141812	3	48,556,323	3.96E-07	0.227	0.190				<i>PFKFB4</i>	3'UTR
cg22579075	7	94,250,352	0.001431	0.227	0.292				<i>SGCE</i>	Body
cg07250162	17	46,832,247	1.05E-05	0.227	0.210					
cg09829263	13	49,066,969	0.001724	0.227	0.115				<i>RCBTB2</i>	Body
cg11469061	11	31,826,421	0.009998	0.227	0.216				<i>PAX6</i>	Body
cg01671895	11	100,997,799	0.000377	0.227	0.211				<i>PGR</i>	Body
cg08479476	2	70,313,163	0.034081	0.227	0.284				<i>PCBP1</i>	TSS1500
cg14081465	9	119,722,239	2.9E-07	0.227	0.218				<i>ASTN2</i>	Body
cg23280568	17	46,534,400	1.66E-09	0.227	0.188					
cg05082708	4	4,765,299	0.000106	0.227	0.207					
cg05874806	2	102,350,276	4.89E-06	0.227	0.231				<i>MAP4K4</i>	Body
cg07719621	16	54,970,469	0.007837	0.227	0.284					

cg15158977	17	62,962,238	0.000219	0.227	0.228					
cg26620147	12	58,210,716	1.68E-08	0.227	0.238				<i>AVIL</i>	TSS1500
cg02119938	15	78,505,051	1.05E-09	0.227	0.232				<i>ACSBG1</i>	Body
cg03408904	22	17,956,462	5.3E-12	0.227	0.199				<i>CECR2</i>	TSS200
cg08714590	7	90,895,894	4.86E-05	0.227	0.248				<i>FZD1</i>	1stExon
cg10105237	8	135,726,091	5.13E-14	0.227	0.229				<i>ZFAT</i>	TSS1500
cg02124184	5	72,950,691	1.48E-20	0.227	0.214			Yes	<i>RGNEF</i>	5'UTR
cg06654127	6	41,395,230	0.001786	0.227	0.184					
cg27178922	1	213,476,578	7.85E-20	0.227	0.196					
cg08108750	15	96,889,464	0.000627	0.227	0.240					
cg21280510	1	40,137,089	0.001675	0.227	0.147	1.32E-11	0.120		<i>NT5C1A</i>	Body
cg17104258	1	167,090,646	0.01966	0.227	0.098				<i>DUSP27</i>	Body
cg07021447	14	69,418,951	6.37E-09	0.227	0.217				<i>ACTN1</i>	Body
cg10714061	6	33,714,631	6.37E-12	0.227	0.217				<i>IP6K3</i>	1stExon
cg06769082	7	99,156,634	0.016126	0.227	0.175				<i>ZNF655</i>	5'UTR
cg03774514	20	22,563,702	0.013585	0.227	0.189				<i>FOXA2</i>	Body
cg06911084	7	96,652,894	0.000204	0.227	0.181	6.09E-20	0.232		<i>DLX5</i>	Body
cg12091498	12	47,226,255	9.22E-06	0.227	0.228					
cg21145245	5	150,593,684	3.93E-06	0.227	0.223				<i>CCDC69</i>	Body
cg01334682	6	21,666,939	0.001159	0.227	0.245				<i>FLJ22536</i>	Body
cg01304890	4	81,106,772	0.000127	0.227	0.229				<i>PRDM8</i>	5'UTR
cg27149179	11	86,451,848	1.53E-06	0.227	0.211					
cg23558213	22	41,215,939	3.14E-12	0.227	0.223				<i>SLC25A17</i>	TSS1500
cg24889708	17	46,678,719	2.21E-08	0.227	0.223				<i>LOC404266</i>	Body
cg16481365	14	105,554,352	0.006898	0.227	0.143					
cg01554437	14	21,091,422	2.91E-05	0.227	0.254					
cg02389949	7	30,176,264	5.52E-07	0.227	0.163				<i>C7orf41</i>	Body
cg20561830	14	81,893,829	1.49E-05	0.227	0.190					
cg03284866	8	124,173,487	0.000218	0.227	0.215					
cg18503912	19	35,630,279	2.27E-08	0.227	0.218				<i>FXYD1</i>	5'UTR
cg22958090	12	52,627,438	1.73E-08	0.227	0.221				<i>KRT7</i>	Body
cg12418190	15	37,403,304	0.007172	0.227	0.131					
cg04424215	X	111,325,143	5.01E-06	0.227	0.217				<i>TRPC5</i>	5'UTR
cg06686156	16	20,420,222	5.17E-16	0.227	0.235				<i>ACSM5</i>	TSS1500

cg09712234	16	30,614,413	5.2E-10	0.227	0.226					
cg10803577	2	177,016,837	0.000165	0.227	0.175				<i>HOXD4</i>	Body
cg13283952	2	121,412,005	1.58E-09	0.227	0.234					
cg01250001	8	103,758,088	3.05E-09	0.227	0.212					
cg04549460	8	109,095,975	0.007431	0.227	0.231				<i>RSPO2</i>	TSS200
cg12057563	X	135,230,841	1.27E-05	0.227	0.246				<i>FHL1</i>	Body
cg02241986	10	5,566,543	2.31E-06	0.227	0.258				<i>CALML3</i>	TSS1500
cg26493353	9	91,793,721	0.01415	0.227	0.283				<i>SHC3</i>	TSS200
cg13324546	8	23,564,031	0.000197	0.227	0.204				<i>NKX2-6</i>	TSS200
cg21899640	6	168,609,219	1.44E-07	0.227	0.209					
cg02770751	19	795,467	2.97E-07	0.227	0.235					
cg07852825	3	172,166,182	1.95E-08	0.227	0.217				<i>GHSR</i>	1stExon
cg23331961	15	72,564,179	1.22E-06	0.227	0.174				<i>PARP6</i>	TSS1500
cg25658983	13	46,426,026	0.000331	0.227	0.206				<i>SIAH3</i>	TSS200
cg27229613	1	229,569,046	0.001068	0.227	0.246				<i>ACTA1</i>	5'UTR
cg06145736	3	143,559,620	2.52E-24	0.227	0.224			Yes	<i>SLC9A9</i>	Body
cg16429975	1	6,445,632	4.26E-07	0.227	0.184				<i>ACOT7</i>	Body
cg07200280	3	16,554,619	0.025997	0.227	0.324	2.59E-07	0.100		<i>RFTN1</i>	5'UTR
cg09685182	3	130,236,037	0.000573	0.227	0.240					
cg02646779	2	72,342,554	3.12E-08	0.227	0.194					
cg15787039	15	32,934,185	2.85E-10	0.227	0.164	4.03E-19	0.201		<i>SCG5</i>	5'UTR
cg18530551	5	172,670,879	0.013053	0.227	0.294					
cg06157170	6	167,764,523	0.013829	0.227	0.112					
cg17094985	3	159,756,929	0.047608	0.227	0.250					
cg08474786	17	17,491,465	2.23E-17	0.227	0.238				<i>PEMT</i>	Body
cg00456672	15	62,358,751	4.74E-12	0.227	0.184				<i>C2CD4A</i>	TSS1500
cg06550984	10	23,480,002	0.031999	0.227	0.271				<i>PTF1A</i>	TSS1500
cg27543403	5	58,335,880	2.5E-06	0.227	0.201				<i>PDE4D</i>	Body
cg08160091	4	1,398,383	0.000487	0.227	0.135					
cg26082368	6	37,673,708	2.14E-05	0.227	0.204					
cg06137852	13	28,545,283	1.58E-06	0.227	0.206					
cg19719930	17	70,339,343	2.13E-07	0.227	0.199					
cg26174583	6	1,392,624	1.6E-12	0.227	0.199				<i>FOXF2</i>	Body
cg05855039	14	85,996,751	0.044331	0.227	0.333				<i>FLRT2</i>	1stExon



cg13396713	17	505,019	3.53E-14	0.227	0.210				VPS53	Body
cg14478713	9	16,653,688	0.029671	0.227	0.139				BNC2	Body
cg26686732	20	22,562,737	0.00302	0.227	0.233				FOXA2	Body
cg00225623	13	24,845,891	0.029224	0.227	0.057				SPATA13	Body
cg04887321	16	55,090,590	0.001982	0.227	0.258					
cg13547127	6	145,217,150	0.000524	0.227	0.165					
cg20663495	17	80,943,851	2.72E-11	0.227	0.228				B3GNTL1	Body
cg10591771	19	3,671,118	0.000213	0.227	0.222				PIP5K1C	Body
cg12594244	15	74,218,754	3.97E-13	0.227	0.221				LOXL1	TSS200
cg13372658	8	49,783,907	1.28E-14	0.227	0.209					
cg02966332	20	62,369,605	1.85E-12	0.227	0.227				LIME1	Body
cg03602280	18	11,148,914	0.026282	0.227	0.249				FAM38B	TSS200
cg09219877	16	2,287,294	0.002543	0.227	0.149				DNASE1L2	Body
cg07005778	4	188,953,586	3.16E-05	0.227	0.235					
cg22951509	5	94,955,893	0.009593	0.227	0.153				GPR150	TSS200
cg09119688	X	119,133,700	0.029669	0.227	0.264					
cg16617723	18	24,443,905	9.69E-09	0.227	0.208				AQP4	TSS1500
cg24276105	11	45,686,055	0.001567	0.227	0.196				CHST1	5'UTR
cg05733463	11	13,282,917	1.06E-06	0.227	0.219			Yes		
cg25424299	3	13,319,638	0.000547	0.227	0.245					
cg03245590	11	15,329,459	5.32E-05	0.227	0.206					
cg05255275	14	60,952,097	0.026313	0.227	0.177				C14orf39	5'UTR
cg16122427	1	36,947,989	2.26E-07	0.227	0.252				CSF3R	5'UTR
cg19363579	9	135,460,728	4.41E-05	0.227	0.220				BARHL1	Body
cg14310703	3	126,006,903	0.014051	0.227	0.139					
cg02061956	1	146,697,547	0.022196	0.227	0.301				FMO5	TSS1500
cg04282694	6	5,996,412	0.001212	0.227	0.259					
cg16424082	12	51,323,740	2.94E-20	0.227	0.218				METTL7A	Body
cg17533951	X	68,115,082	6.41E-22	0.227	0.228					
cg22635096	21	46,550,644	1.18E-06	0.227	0.217				ADARB1	5'UTR
cg00561775	16	1,159,805	0.000257	0.227	0.200					
cg09303936	6	73,331,290	0.02907	0.227	0.298				KCNQ5	TSS1500
cg13351161	8	27,490,921	8.84E-05	0.227	0.172	6.02E-12	0.122		SCARA3	TSS1500
cg20314884	2	220,108,094	0.008748	0.227	0.154				GLB1L	Body

cg00258316	1	8,194,341	1.28E-08	0.227	0.219					
cg14528374	7	99,178,047	0.004225	0.227	0.145					
cg01310096	13	35,474,735	9.48E-10	0.227	0.217					
cg05196905	21	47,877,665	0.00011	0.227	0.183				<i>DIP2A</i>	TSS1500
cg25205489	13	24,125,993	2.91E-10	0.227	0.200					
cg00979931	11	72,533,664	0.000116	0.227	0.116				<i>ATG16L2</i>	Body
cg02955098	1	3,473,665	9.02E-06	0.227	0.249				<i>MEGF6</i>	Body
cg18362330	5	134,872,659	8.47E-07	0.227	0.237				<i>NEUROG1</i>	TSS1500
cg18453446	21	28,219,387	0.012475	0.227	0.190					
cg19047068	17	34,119,162	5.2E-07	0.227	0.257				<i>MMP28</i>	Body
cg24794228	19	52,391,166	0.034608	0.227	0.211				<i>ZNF577</i>	Body
cg09456289	2	43,038,399	0.036255	0.227	0.149					
cg13904481	5	132,118,820	9.99E-06	0.227	0.220					
cg17782974	10	104,406,990	4.54E-05	0.227	0.258				<i>TRIM8</i>	Body
cg25333529	7	73,536,420	7.5E-18	0.227	0.213				<i>LIMK1</i>	3'UTR
cg04750421	14	97,208,333	1.26E-05	0.227	0.226					
cg24529736	13	96,205,679	0.002586	0.227	0.223				<i>CLDN10</i>	Body
cg25946059	2	242,973,936	1.05E-06	0.227	0.200					
cg03954144	13	20,751,679	7.31E-17	0.227	0.201					
cg10548805	14	101,538,070	0.00035	0.227	0.249					
cg19515245	2	97,151,922	1.64E-05	0.227	0.184					
cg25071651	4	101,112,317	4.32E-07	0.227	0.188				<i>DDIT4L</i>	TSS1500
cg25115460	1	3,607,110	0.007669	0.227	0.202	1.47E-13	0.168		<i>TP73</i>	Body
cg21488066	6	28,367,898	3.31E-05	0.227	0.185				<i>ZSCAN12</i>	TSS1500
cg13906377	1	63,792,695	0.039999	0.227	0.280					
cg04261556	7	20,373,143	9.48E-14	0.227	0.222				<i>ITGB8</i>	Body
cg09635954	7	29,605,624	4E-12	0.227	0.211				<i>PRR15</i>	5'UTR
cg10784519	6	30,737,231	1.55E-06	0.227	0.223					
cg25394505	10	134,399,880	1.55E-12	0.227	0.217				<i>INPP5A</i>	Body
cg25535982	11	74,030,400	4.6E-07	0.227	0.233					
cg05336982	16	69,564,735	0.002173	0.227	0.222					
cg19092163	17	4,403,417	0.001633	0.227	0.208				<i>SPNS2</i>	Body
cg13853591	1	65,468,921	0.001113	0.227	0.135					
cg05457768	6	28,751,790	0.04141	0.227	0.262					

cg15256492	12	115,125,475	1.41E-13	0.227	0.213					
cg15944766	8	29,210,790	0.045459	0.227	0.231					
cg03506028	7	35,494,689	0.001418	0.227	0.215					
cg26916780	15	64,889,554	1.11E-05	0.227	0.174				<i>ZNF609</i>	Body
cg01840020	17	4,648,949	0.001508	0.227	0.229				<i>ZMYND15</i>	Body
cg00143249	7	156,798,810	0.001028	0.227	0.233				<i>MXN1</i>	Body
cg03825231	3	125,898,467	0.019513	0.227	0.243				<i>ALDH1L1</i>	5'UTR
cg03866862	6	33,401,542	5.82E-15	0.227	0.220				<i>SYNGAP1</i>	Body
cg07220152	6	30,737,270	0.002295	0.227	0.260					
cg09439817	17	45,933,066	1.29E-08	0.227	0.242				<i>SP6</i>	5'UTR
cg01845476	9	136,833,401	3.03E-17	0.226	0.197				<i>VAV2</i>	Body
cg17679604	5	115,790,387	8.68E-06	0.226	0.224				<i>SEMA6A</i>	Body
cg18280830	14	57,265,875	1.11E-07	0.226	0.229					
cg11536940	8	97,658,076	0.012799	0.226	0.135	4.56E-23	0.203		<i>PGCP</i>	5'UTR
cg17161130	10	113,544,977	2.82E-05	0.226	0.200					
cg09754272	1	156,399,638	0.000121	0.226	0.303				<i>C1orf61</i>	TSS1500
cg00152008	1	50,889,225	0.028812	0.226	0.196				<i>DMRTA2</i>	TSS200
cg05002166	1	217,119,469	1.06E-14	0.226	0.234				<i>ESRRG</i>	5'UTR
cg22886649	7	190,349	2.94E-30	0.226	0.218					
cg25277809	2	128,453,484	0.034069	0.226	0.159					
cg16931664	11	11,169,707	1.22E-05	0.226	0.229					
cg09336988	19	42,386,872	1.9E-06	0.226	0.205				<i>ARHGEF1</i>	TSS1500
cg13673514	14	101,035,818	1.86E-06	0.226	0.232	1.62E-12	0.128		<i>BEGAIN</i>	TSS1500
cg24790912	7	66,162,803	1.23E-15	0.226	0.197					
cg00708598	13	53,313,895	0.000891	0.226	0.195	2.1E-22	0.168		<i>LECT1</i>	1stExon
cg07959574	4	42,401,056	0.020472	0.226	0.249				<i>SHISA3</i>	Body
cg15365032	9	100,610,697	0.01142	0.226	0.181					
cg02455346	1	221,055,401	2.28E-17	0.226	0.224				<i>HLX</i>	Body
cg05738240	12	114,337,927	1.22E-05	0.226	0.205				<i>RBM19</i>	Body
cg05940514	17	39,791,696	0.000155	0.226	0.223					
cg06447424	13	20,875,743	3.4E-05	0.226	0.240					
cg16820615	13	114,884,918	0.006446	0.226	0.253				<i>RASA3</i>	Body
cg01907106	22	29,875,592	0.001637	0.226	0.267				<i>NEFH</i>	TSS1500
cg02748089	16	78,540,172	7.94E-10	0.226	0.210				<i>WWOX</i>	Body

cg16590189	5	175,299,798	0.018783	0.226	0.263				<i>CPLX2</i>	5'UTR
cg21697381	17	33,759,957	0.01629	0.226	0.163				<i>SLFN12</i>	TSS1500
cg01536803	7	157,968,578	2E-11	0.226	0.221				<i>PTPRN2</i>	Body
cg02372786	2	45,167,549	6.56E-05	0.226	0.230				<i>SIX3</i>	TSS1500
cg12091331	8	42,065,314	0.00046	0.226	0.142	3.39E-26	0.238		<i>PLAT</i>	TSS200
cg09269891	16	3,843,415	9.22E-07	0.226	0.209				<i>CREBBP</i>	Body
cg11430077	10	8,099,018	2.24E-08	0.226	0.225				<i>GATA3</i>	Body
cg05501584	15	92,936,306	0.025487	0.226	0.227				<i>ST8SIA2</i>	TSS1500
cg05545272	X	43,741,376	0.003411	0.226	0.081				<i>MAOB</i>	Body
cg03322057	1	172,114,419	5.85E-06	0.226	0.235				<i>DNM3</i>	Body
cg26968812	19	16,186,873	0.000565	0.226	0.220	3.88E-31	0.188		<i>TPM4</i>	Body
cg26950568	13	30,626,440	0.001374	0.226	0.206					
cg05544396	16	66,959,780	4.26E-07	0.226	0.217				<i>RRAD</i>	TSS1500
cg08877374	1	31,845,904	4.3E-05	0.226	0.187				<i>FABP3</i>	1stExon
cg09151742	12	122,018,897	0.010435	0.226	0.186				<i>KDM2B</i>	5'UTR
cg17573720	12	54,359,712	0.011001	0.226	0.283				<i>HOTAIR</i>	Body
cg18942298	20	42,809,578	5.45E-06	0.226	0.203				<i>JPH2</i>	Body
cg26310551	14	24,780,540	0.000498	0.226	0.201				<i>LTB4R2</i>	Body
cg10363397	Y	15,864,778	0.004176	0.226	0.192					
cg11525020	20	17,674,233	0.00554	0.226	0.237				<i>BANF2</i>	TSS200
cg27501686	12	2,184,874	1.45E-15	0.226	0.206				<i>CACNA1C</i>	Body
cg18645906	4	15,704,599	0.039162	0.226	0.256				<i>BST1</i>	1stExon
cg17566560	20	35,094,679	7.08E-24	0.226	0.228				<i>DLGAP4</i>	Body
cg26382173	14	105,994,265	0.00088	0.226	0.175				<i>TMEM121</i>	5'UTR
cg07333715	11	2,292,691	0.007157	0.226	0.234				<i>ASCL2</i>	TSS1500
cg14295696	X	135,230,717	1.91E-07	0.226	0.223				<i>FHL1</i>	Body
cg19748341	17	48,503,357	2.69E-06	0.226	0.154				<i>ACSF2</i>	TSS200
cg08353973	15	66,914,175	1.25E-07	0.226	0.223					
cg08993690	4	124,621,838	2.37E-09	0.226	0.215				<i>LOC285419</i>	Body
cg09220235	1	204,162,877	1.64E-13	0.226	0.221				<i>KISS1</i>	5'UTR
cg24780240	X	68,052,409	1.05E-22	0.226	0.225				<i>EFNB1</i>	Body
cg17091312	2	46,558,320	3.27E-12	0.226	0.217				<i>EPAS1</i>	Body
cg00049323	5	472,564	0.022668	0.226	0.255				<i>LOC25845</i>	Body
cg03416521	20	19,958,192	0.013361	0.226	0.134				<i>RIN2</i>	Body

cg08930904	17	80,297,325	0.000583	0.226	0.270					
cg01049870	14	95,601,239	2.58E-23	0.226	0.207				<i>DICER1</i>	5'UTR
cg04697946	2	3,654,582	1.32E-05	0.226	0.216				<i>COLEC11</i>	Body
cg20270653	7	70,962,720	0.002128	0.226	0.178				<i>WBSCR17</i>	Body
cg03018679	12	120,241,922	2.01E-14	0.226	0.210				<i>CIT</i>	Body
cg13372811	1	110,627,590	3.47E-07	0.226	0.219					
cg18684951	5	141,700,490	1.81E-10	0.226	0.220				<i>SPRY4</i>	5'UTR
cg19005955	5	132,938,694	5.46E-06	0.226	0.198				<i>FSTL4</i>	Body
cg20907806	12	570,249	7.02E-14	0.226	0.199				<i>B4GALNT3</i>	Body
cg25681339	17	1,174,148	0.000317	0.226	0.222				<i>BHLHA9</i>	1stExon
cg27385757	6	30,656,024	4.87E-13	0.226	0.193				<i>KIAA1949</i>	TSS1500
cg09299055	15	41,793,629	0.001983	0.226	0.128				<i>ITPKA</i>	Body
cg13702421	2	172,955,759	1.49E-06	0.226	0.236					
cg00586817	2	200,329,872	4.47E-08	0.226	0.217					
cg11616384	X	114,849,448	0.02083	0.226	0.205				<i>PLS3</i>	Body
cg14687029	11	41,519,708	0.031927	0.226	0.130					
cg16962008	7	48,075,950	0.003905	0.226	0.095				<i>C7orf57</i>	Body
cg09527670	19	5,059,110	7.36E-15	0.226	0.211				<i>KDM4B</i>	Body
cg12329275	10	11,912,597	7.81E-22	0.226	0.206				<i>C10orf47</i>	3'UTR
cg23882658	17	1,959,132	0.005077	0.226	0.219				<i>HIC1</i>	TSS1500
cg13616314	17	13,472,852	0.000191	0.226	0.199			Yes	<i>HS3ST3A1</i>	Body
cg25216696	8	11,565,351	0.000348	0.226	0.234	1.66E-21	0.182		<i>GATA4</i>	5'UTR
cg05387399	10	124,893,766	0.004346	0.226	0.253					
cg18052274	11	19,737,158	0.001621	0.226	0.172				<i>LOC100126784</i>	TSS1500
cg26660656	1	245,753,539	7.75E-24	0.226	0.196				<i>KIF26B</i>	Body
cg26778345	16	8,806,586	1.01E-06	0.226	0.236				<i>ABAT</i>	5'UTR
cg02898493	17	62,097,918	0.011763	0.226	0.217				<i>ICAM2</i>	5'UTR
cg02540827	2	201,221,975	1.74E-15	0.226	0.241				<i>SPATS2L</i>	5'UTR
cg02793948	11	68,095,662	0.001843	0.226	0.153				<i>LRP5</i>	Body
cg12350762	18	55,106,285	0.044447	0.226	0.211				<i>ONECUT2</i>	Body
cg13292607	10	126,751,950	0.049258	0.226	0.234				<i>CTBP2</i>	5'UTR
cg16719560	2	85,811,421	5.55E-05	0.226	0.222				<i>VAMP5</i>	TSS200
cg23492779	6	36,928,572	0.000105	0.226	0.203				<i>PI16</i>	Body
cg06409824	6	30,227,825	4.36E-08	0.226	0.224				<i>HLA-L</i>	Body

cg10643691	8	95,246,514	0.023361	0.226	0.283					
cg15027300	19	38,877,874	5.63E-16	0.226	0.184				<i>GGN</i>	Body
cg03175771	16	30,661,534	0.000606	0.226	0.244				<i>PRR14</i>	TSS1500
cg18321976	12	53,893,000	7.77E-05	0.226	0.132				<i>MAP3K12</i>	5'UTR
cg22268231	19	50,922,484	0.004335	0.226	0.224	0.00607046	0.050		<i>SPIB</i>	Body
cg24178740	2	219,850,465	5.13E-14	0.226	0.183	1.89E-09	0.081		<i>FEV</i>	TSS200
cg25734913	5	172,672,390	0.000183	0.226	0.217					
cg09336406	2	20,068,906	0.007084	0.226	0.125					
cg11823511	1	91,183,697	0.037985	0.226	0.255				<i>BARHL2</i>	TSS1500
cg00318111	7	6,010,084	0.000413	0.226	0.235				<i>RSPH10B</i>	5'UTR
cg04065086	1	151,104,186	0.001858	0.226	0.226				<i>SEMA6C</i>	3'UTR
cg08965888	11	44,341,446	0.002453	0.226	0.236					
cg09650907	17	71,224,983	0.017794	0.226	0.273				<i>FAM104A</i>	Body
cg11320187	20	33,578,094	1.7E-16	0.226	0.231				<i>MYH7B</i>	Body
cg04159302	5	150,162,068	0.003928	0.226	0.225				<i>C5orf62</i>	Body
cg12702354	1	77,043,128	4.21E-09	0.226	0.213				<i>ST6GALNAC3</i>	Body
cg25271892	11	62,690,462	3.86E-10	0.226	0.211				<i>CHRM1</i>	TSS1500
cg03447967	2	45,163,099	1.49E-09	0.226	0.209					
cg03648020	1	931,327	1.17E-11	0.226	0.199					
cg20939662	9	126,777,160	8E-08	0.226	0.226				<i>LHX2</i>	Body
cg18106312	14	51,560,488	0.038475	0.226	0.219				<i>TRIM9</i>	Body
cg26233253	22	31,032,613	6.27E-08	0.226	0.182	8.14E-17	0.139		<i>SLC35E4</i>	1stExon
cg27527922	1	6,260,181	6.53E-05	0.226	0.189				<i>RPL22</i>	TSS1500
cg10613707	5	3,394,463	1.35E-07	0.226	0.209					
cg11983196	1	98,518,557	1.16E-14	0.226	0.211					
cg00124095	3	72,305,082	0.024932	0.226	0.088					
cg02192520	12	56,114,155	5.67E-05	0.226	0.254	3.13E-21	0.252		<i>RDH5</i>	1stExon
cg04598121	8	57,358,505	0.000329	0.226	0.244				<i>PENK</i>	Body
cg07247419	20	21,376,484	0.00052	0.226	0.242				<i>NKX2-4</i>	3'UTR
cg07809589	2	66,664,535	0.024259	0.226	0.293				<i>MEIS1</i>	Body
cg16810031	17	38,024,146	1.91E-11	0.226	0.234				<i>ZBP2</i>	TSS1500
cg21249091	2	173,204,540	1.98E-10	0.226	0.212					
cg23155717	8	145,033,622	2.85E-10	0.226	0.207				<i>PLEC1</i>	Body
cg27657333	12	30,975,867	0.000429	0.226	0.219					

cg00426822	1	39,546,536	7.39E-12	0.226	0.228				<i>MACF1</i>	TSS1500
cg01042246	2	171,572,902	0.048811	0.226	0.185				<i>SP5</i>	Body
cg13099330	3	139,257,799	1.52E-06	0.226	0.228	1.31E-16	0.152		<i>RBP1</i>	Body
cg03733831	X	17,653,562	3.81E-08	0.226	0.233				<i>NHS</i>	1stExon
cg13229972	1	110,335,018	8.85E-09	0.226	0.226					
cg19264571	18	10,454,085	5.56E-13	0.226	0.225	3.09E-19	0.173		<i>APCDD1</i>	TSS1500
cg07983905	20	3,073,561	0.002332	0.226	0.139					
cg01170045	14	60,982,832	5.27E-10	0.226	0.205					
cg04228468	3	164,913,627	0.000112	0.226	0.278				<i>SLITRK3</i>	5'UTR
cg18587340	20	39,995,654	8.56E-06	0.226	0.191				<i>EMILIN3</i>	TSS200
cg01705587	1	149,889,364	9.06E-05	0.226	0.266				<i>SV2A</i>	5'UTR
cg10086659	2	177,040,226	6.56E-06	0.226	0.161					
cg26683259	5	77,943,417	0.003526	0.226	0.182				<i>LHFPL2</i>	5'UTR
cg02311193	17	46,660,002	2.2E-11	0.226	0.204					
cg14439622	18	19,752,292	4.98E-09	0.226	0.197				<i>GATA6</i>	Body
cg25109721	17	48,125,064	1.56E-07	0.226	0.233					
cg25195334	8	23,710,946	0.001815	0.226	0.186			Yes	<i>STC1</i>	Body
cg24234651	12	75,728,471	0.001031	0.226	0.185				<i>GLIPR1L1</i>	5'UTR
cg25397973	6	5,996,562	0.009617	0.226	0.181					
cg03883256	11	119,235,802	6.79E-05	0.226	0.223				<i>USP2</i>	TSS1500
cg10308785	17	46,673,625	1.05E-07	0.226	0.215				<i>LOC404266</i>	Body
cg01158277	11	111,783,327	0.004627	0.226	0.321				<i>CRYAB</i>	TSS1500
cg14693194	18	6,415,252	0.011706	0.226	0.209				<i>L3MBTL4</i>	TSS1500
cg13615136	9	116,362,889	1.01E-11	0.226	0.218					
cg25147158	4	165,898,707	2.2E-08	0.226	0.223				<i>TRIM61</i>	1stExon
cg04141796	5	42,950,062	0.00142	0.226	0.186					
cg13619054	9	129,370,554	0.007861	0.226	0.117					
cg26371327	1	16,473,143	6.84E-15	0.226	0.220				<i>EPHA2</i>	Body
cg03462322	16	126,397	3.4E-10	0.226	0.223				<i>MPG</i>	TSS1500
cg11354105	2	25,475,805	1.91E-05	0.226	0.206				<i>DNMT3A</i>	Body
cg12777520	9	129,387,303	0.029307	0.226	0.256				<i>LMX1B</i>	Body
cg24253904	1	201,644,923	0.000782	0.226	0.233			Yes	<i>NAV1</i>	Body
cg03341413	15	68,125,566	0.000621	0.226	0.234				<i>LBXCOR1</i>	Body
cg10572274	12	104,697,224	0.002037	0.226	0.158				<i>TXNRD1</i>	5'UTR

cg13114921	12	30,976,001	4.23E-05	0.226	0.215					
cg16516639	1	111,050,810	6.25E-09	0.226	0.223					
cg20122518	7	810,958	0.000267	0.226	0.218				HEATR2	Body
cg02099390	3	31,959,312	8.96E-05	0.226	0.231				OSBPL10	Body
cg03456938	16	67,197,084	0.002553	0.226	0.281				HSF4	TSS1500
cg12351310	5	52,937,992	0.001998	0.226	0.227				NDUFS4	Body
cg05072470	13	100,643,858	0.041752	0.226	0.269					
cg07387286	8	39,172,120	0.000724	0.226	0.244				ADAM5P	TSS200
cg20301308	1	65,534,742	2.37E-11	0.226	0.197					
cg21235078	9	135,645,974	0.013613	0.226	0.219				C9orf98	Body
cg26115667	14	103,294,656	6.13E-05	0.226	0.194				TRAF3	5'UTR
cg09384035	8	104,131,768	8.63E-09	0.226	0.219					
cg09601505	12	109,162,445	2E-08	0.226	0.180					
cg11354906	4	154,710,371	0.013318	0.226	0.290	3.17E-16	0.159		SFRP2	TSS200
cg17209471	22	18,558,411	2.13E-29	0.226	0.227					
cg17552116	3	126,721,513	8.28E-09	0.226	0.248				PLXNA1	Body
cg00810971	2	65,085,764	1.7E-14	0.226	0.230					
cg05386769	2	218,681,558	2.16E-08	0.226	0.236				TNS1	Body
cg18827470	15	75,471,200	8.26E-05	0.226	0.217					
cg18616243	19	7,542,191	3.8E-109	0.226	0.217				PEX11G	Body
cg06788790	17	55,123,356	0.00019	0.226	0.223				RNF126P1	Body
cg14518658	22	37,726,676	3.2E-06	0.226	0.234					
cg09812070	4	46,995,689	0.019496	0.226	0.223				GABRA4	TSS200
cg00149716	20	13,200,069	1.89E-07	0.226	0.193					
cg05845376	5	140,683,632	3.34E-07	0.226	0.225				SLC25A2	TSS200
cg20802392	1	150,780,684	1.71E-07	0.226	0.220	6.27E-15	0.141		CTSK	5'UTR
cg26002259	14	36,976,428	0.020706	0.226	0.278				SFTA3	Body
cg19622874	14	85,998,492	0.007008	0.225	0.287				FLRT2	5'UTR
cg20029745	18	28,621,985	0.022642	0.225	0.167				DSC3	Body
cg14137381	5	502,291	7.21E-05	0.225	0.256			Yes	SLC9A3	Body
cg18844301	2	220,379,000	0.019935	0.225	0.209				ACCN4	5'UTR
cg03851159	10	118,891,090	0.02923	0.225	0.301				VAX1	3'UTR
cg07826859	7	45,020,086	7.27E-11	0.225	0.200				MYO1G	TSS1500
cg27361370	3	157,813,327	0.004368	0.225	0.187					



cg04972459	1	9,460,204	1.19E-10	0.225	0.228					
cg22267770	6	10,422,139	0.001121	0.225	0.235					
cg10671668	12	4,919,230	0.013119	0.225	0.127				KCNA6	1stExon
cg02426623	12	3,259,078	2.21E-17	0.225	0.204				TSPAN9	5'UTR
cg19577080	4	143,470,771	1.11E-07	0.225	0.207				INPP4B	5'UTR
cg22256027	4	4,863,016	3.08E-06	0.225	0.225				MSX1	Body
cg06329735	11	75,139,390	0.021569	0.225	0.246				KLHL35	Body
cg12686273	16	3,085,867	7.2E-11	0.225	0.234				CCDC64B	TSS1500
cg16084857	X	130,216,575	0.039532	0.225	0.164				FLJ30058	Body
cg23432345	7	27,196,153	0.011985	0.225	0.189	5.51E-16	0.177		HOXA7	1stExon
cg17842189	22	47,425,596	6.38E-10	0.225	0.225				TBC1D22A	Body
cg20626840	2	38,201,011	6.7E-06	0.225	0.216				FAM82A1	Body
cg23197405	12	54,451,938	6.12E-11	0.225	0.200				FLJ12825	TSS200
cg06039988	11	65,158,399	7.55E-09	0.225	0.203				FRMD8	Body
cg09147777	11	105,480,771	0.00011	0.225	0.192				GRIA4	TSS200
cg09828714	22	29,875,578	0.013865	0.225	0.290				NEFH	TSS1500
cg17024482	17	54,230,730	1.87E-16	0.225	0.206				ANKFN1	TSS200
cg18917486	15	74,093,431	4.74E-05	0.225	0.208					
cg23855319	4	2,062,392	0.000169	0.225	0.237				NAT8L	Body
cg01654862	3	159,480,947	0.000806	0.225	0.217				SCHIP1	Body
cg12931554	8	37,119,428	4.23E-07	0.225	0.211					
cg19514721	5	141,813,298	4.72E-13	0.225	0.206					
cg22637867	19	12,624,466	0.000393	0.225	0.227				ZNF709	5'UTR
cg04569615	11	20,622,198	0.000419	0.225	0.280				SLC6A5	Body
cg05560472	X	99,986,046	0.016024	0.225	0.261				SYTL4	5'UTR
cg15329133	5	135,467,951	1.72E-10	0.225	0.194				SMAD5	TSS1500
cg18932968	11	102,576,469	2.28E-08	0.225	0.219				MMP27	TSS200
cg19672546	8	145,025,123	4.39E-09	0.225	0.221				PLEC1	Body
cg02495604	1	40,158,076	0.000208	0.225	0.235				HPCAL4	TSS1500
cg03024720	8	9,765,601	2.81E-05	0.225	0.247					
cg07404485	7	94,953,653	8.77E-08	0.225	0.193	1.65E-15	0.159		PON1	Body
cg16762684	18	74,820,493	0.007858	0.225	0.190				MBP	5'UTR
cg00537673	6	43,141,823	9.03E-15	0.225	0.199				SRF	Body
cg10325497	1	32,739,049	1.65E-09	0.225	0.206				LCK	5'UTR

cg22667178	13	44,947,976	0.005889	0.225	0.222				<i>SERP2</i>	TSS200
cg22915945	8	24,151,625	1.81E-05	0.225	0.228				<i>ADAM28</i>	1stExon
cg23554686	X	40,122,371	8.85E-09	0.225	0.225					
cg24954895	5	140,800,761	0.004109	0.225	0.280				<i>PCDHGA4</i>	Body
cg08159989	1	205,326,071	3.55E-19	0.225	0.207				<i>KLHDC8A</i>	TSS200
cg09001939	2	11,810,534	0.002647	0.225	0.198				<i>NTSR2</i>	TSS1500
cg19630681	3	64,429,607	5.17E-08	0.225	0.220					
cg06421774	5	2,066,690	0.003426	0.225	0.264					
cg20777398	6	28,956,244	5.3E-05	0.225	0.213					
cg19258425	3	181,428,280	3.8E-05	0.225	0.220				<i>SOX2OT</i>	Body
cg00028308	12	54,090,754	1.87E-05	0.225	0.236					
cg10658307	11	95,071,108	3.12E-15	0.225	0.225					
cg07282889	15	89,912,141	0.01219	0.225	0.232					
cg13966575	8	127,592,341	6.33E-15	0.225	0.205					
cg17933493	X	153,532,656	5.43E-14	0.225	0.218				<i>TKTL1</i>	TSS1500
cg02080857	1	85,279,323	7.58E-05	0.225	0.212				<i>LPAR3</i>	3'UTR
cg03941587	4	123,747,634	2.2E-06	0.225	0.219				<i>FGF2</i>	TSS1500
cg25688583	15	57,510,460	8.7E-06	0.225	0.245				<i>TCF12</i>	TSS1500
cg01899676	12	106,988,413	1.85E-07	0.225	0.229				<i>RFX4</i>	Body
cg26840437	5	1,851,071	4.83E-09	0.225	0.183					
cg27362525	17	5,019,638	0.016586	0.225	0.274				<i>ZNF232</i>	5'UTR
cg00961418	11	8,616,172	0.000191	0.225	0.181				<i>STK33</i>	TSS1500
cg12539415	2	177,016,167	1.37E-06	0.225	0.193				<i>HOXD4</i>	5'UTR
cg04002794	3	171,805,805	1.32E-05	0.225	0.249				<i>FNDC3B</i>	5'UTR
cg09238992	10	23,484,228	0.003411	0.225	0.273					
cg16228323	10	43,818,243	0.032044	0.225	0.196					
cg27440150	22	24,561,080	5.55E-36	0.225	0.217				<i>CABIN1</i>	Body
cg08179525	15	29,033,879	0.000305	0.225	0.236					
cg18850728	18	48,346,838	6.16E-11	0.225	0.213				<i>MRO</i>	TSS1500
cg17739428	19	23,598,854	0.00795	0.225	0.139					
cg10588211	1	162,792,246	0.03166	0.225	0.351					
cg18944010	1	119,522,855	0.001211	0.225	0.267				<i>TBX15</i>	5'UTR
cg20813589	11	504,930	0.008648	0.225	0.193				<i>RNH1</i>	5'UTR
cg08661007	3	79,817,232	0.016963	0.225	0.267				<i>ROBO1</i>	TSS200

cg08927016	7	156,796,145	0.00109	0.225	0.218					
cg00181327	13	31,439,278	2.2E-10	0.225	0.219					
cg22969524	17	41,909,716	1.29E-05	0.225	0.201				<i>MPP3</i>	5'UTR
cg26704293	12	125,073,750	6.83E-06	0.225	0.213					
cg06008926	5	170,740,673	0.021749	0.225	0.300					
cg13459217	1	205,326,437	1.56E-13	0.225	0.233				<i>KLHDC8A</i>	TSS1500
cg15829654	6	108,482,863	0.001647	0.225	0.256					
cg01375263	X	57,163,746	2.77E-07	0.225	0.210				<i>SPIN2A</i>	5'UTR
cg09380805	3	169,384,034	9.88E-07	0.225	0.220					
cg09777237	7	73,445,236	2.35E-15	0.225	0.212				<i>ELN</i>	Body
cg15821319	20	37,434,158	0.000255	0.225	0.145				<i>PPP1R16B</i>	TSS200
cg02441765	13	33,590,838	0.003779	0.225	0.126				<i>KL</i>	1stExon
cg09308580	2	43,405,947	0.001813	0.225	0.233					
cg15247509	10	48,416,977	1.28E-08	0.225	0.236				<i>GDF2</i>	TSS200
cg20921890	18	19,753,208	7.7E-14	0.225	0.206				<i>GATA6</i>	Body
cg14157107	9	16,704,404	2.8E-07	0.225	0.210				<i>BNC2</i>	Body
cg27119919	11	60,684,332	3.61E-07	0.225	0.199				<i>TMEM109</i>	5'UTR
cg07649862	16	88,897,202	4.97E-44	0.225	0.220				<i>GALNS</i>	Body
cg17203647	8	25,897,201	1.65E-05	0.225	0.210				<i>EBF2</i>	Body
cg20168806	6	10,382,828	0.007146	0.225	0.245					
cg01330221	4	57,522,689	0.030381	0.225	0.243			Yes	<i>HOPX</i>	5'UTR
cg24023258	8	143,781,297	4.46E-11	0.225	0.227				<i>LY6K</i>	TSS1500
cg16973098	13	95,359,203	0.004281	0.225	0.180					
cg00468380	8	11,549,521	6.27E-05	0.225	0.223					
cg17838420	5	1,877,906	4.02E-09	0.225	0.204				<i>IRX4</i>	3'UTR
cg06872964	1	79,085,250	0.003033	0.225	0.196				<i>IFI44L</i>	TSS1500
cg07162085	10	95,751,894	0.000162	0.225	0.242					
cg10078829	19	51,415,452	2.13E-07	0.225	0.226				<i>KLK4</i>	TSS1500
cg23214071	6	32,627,784	0.022335	0.225	0.151			Yes	<i>HLA-DQB1</i>	3'UTR
cg04586332	22	45,659,810	0.020646	0.225	0.246					
cg13303358	1	245,644,687	1.44E-06	0.225	0.172				<i>KIF26B</i>	Body
cg16166968	1	120,439,036	5.07E-08	0.225	0.237				<i>ADAM30</i>	1stExon
cg01443452	19	36,024,439	4.26E-10	0.225	0.214	2.8E-08	0.096		<i>GAPDHS</i>	1stExon
cg06631160	16	29,086,456	0.000122	0.225	0.151				<i>RRN3P2</i>	Body

cg23413506	20	3,218,579	6.77E-17	0.225	0.207				<i>SLC4A11</i>	TSS1500
cg23771366	11	86,510,998	0.000589	0.225	0.127				<i>PRSS23</i>	TSS1500
cg24014143	13	70,682,127	0.019902	0.225	0.269				<i>KLHL1</i>	1stExon
cg04602747	6	118,273,169	0.041625	0.225	0.050				<i>SLC35F1</i>	Body
cg13790353	11	85,565,559	0.012126	0.225	0.170				<i>CCDC83</i>	TSS1500
cg14701491	3	127,634,449	0.040867	0.225	0.203					
cg17104824	2	177,014,959	9.03E-07	0.225	0.173				<i>HOXD4</i>	TSS1500
cg07180458	1	19,600,912	0.002514	0.225	0.163				<i>AKR7L</i>	TSS1500
cg06530441	22	51,016,950	3.17E-08	0.225	0.237				<i>CPT1B</i>	TSS200
cg07167423	1	36,042,986	1.47E-05	0.225	0.226				<i>TFAP2E</i>	Body
cg07138399	1	200,272,215	1.43E-05	0.225	0.198					
cg03555299	2	206,830,681	0.000126	0.225	0.223					
cg13223107	6	50,810,715	9.92E-05	0.225	0.248				<i>TFAP2B</i>	Body
cg17941572	1	63,784,454	0.00491	0.225	0.247					
cg23088510	10	126,428,199	0.00033	0.225	0.219				<i>FAM53B</i>	5'UTR
cg01300341	6	137,311,021	0.000789	0.225	0.151				<i>NHEG1</i>	Body
cg27326452	3	138,668,931	0.036772	0.225	0.223				<i>C3orf72</i>	Body
cg06511312	1	3,459,949	0.003002	0.225	0.189			Yes	<i>MEGF6</i>	Body
cg07489048	14	29,236,898	0.000274	0.225	0.268				<i>FOXP1</i>	1stExon
cg15165122	2	71,206,291	3.5E-06	0.225	0.210				<i>ANKRD53</i>	Body
cg13971892	5	146,258,512	0.022139	0.225	0.208				<i>PPP2R2B</i>	TSS200
cg01624571	15	67,417,697	8.6E-11	0.225	0.201				<i>SMAD3</i>	Body
cg04569429	17	37,024,625	2.02E-05	0.225	0.235				<i>LASP1</i>	TSS1500
cg05048976	3	55,516,243	0.000113	0.225	0.189				<i>WNT5A</i>	Body
cg05346256	12	25,959,372	2.67E-06	0.225	0.234					
cg07545037	12	54,423,920	2.75E-10	0.225	0.193				<i>HOXC4</i>	5'UTR
cg10184289	2	64,870,490	1.72E-06	0.225	0.196				<i>SERTAD2</i>	5'UTR
cg22660542	12	54,402,431	5.17E-05	0.225	0.195				<i>HOXC8</i>	TSS1500
cg11772661	10	118,765,335	0.011263	0.225	0.111				<i>KIAA1598</i>	TSS1500
cg23713520	16	57,318,087	1.72E-05	0.225	0.185	3.03E-13	0.180		<i>PLLP</i>	Body
cg02725065	15	101,718,610	4.14E-07	0.225	0.212				<i>CHSY1</i>	Body
cg01476969	19	719,323	3.72E-13	0.225	0.215				<i>PALM</i>	Body
cg17280106	17	77,767,084	5.99E-06	0.225	0.260					
cg18273417	1	153,518,418	2.86E-09	0.225	0.227				<i>S100A4</i>	TSS200

cg13876325	17	16,190,098	2.02E-07	0.225	0.225					<i>PIGL</i>	Body
cg15268136	1	44,031,309	8.82E-06	0.225	0.230					<i>PTPRF</i>	Body
cg20989443	1	230,301,268	9.23E-19	0.225	0.216					<i>GALNT2</i>	Body
cg04367197	11	13,300,320	0.007626	0.225	0.146					<i>ARNTL</i>	5'UTR
cg11089595	8	85,094,437	0.006789	0.225	0.184					<i>RALYL</i>	TSS1500
cg17328631	3	124,609,514	1.34E-07	0.225	0.213						
cg14018429	9	129,138,146	6.51E-14	0.225	0.219					<i>FAM125B</i>	Body
cg22825644	7	29,186,347	0.001964	0.225	0.226					<i>CPVL</i>	TSS200
cg18397450	14	105,830,631	0.04818	0.225	0.104					<i>PACS2</i>	Body
cg09566763	17	7,553,760	0.002561	0.225	0.208					<i>ATP1B2</i>	TSS1500
cg17693604	19	3,046,805	4.12E-23	0.225	0.215					<i>TLE2</i>	5'UTR
cg00008629	9	115,093,661	2.85E-10	0.225	0.208					<i>ROD1</i>	Body
cg06891491	X	134,429,749	1.63E-05	0.225	0.211					<i>ZNF75D</i>	5'UTR
cg06901711	1	146,649,635	0.018804	0.225	0.199					<i>PDIA3P</i>	Body
cg14331316	9	99,139,396	1.92E-07	0.225	0.210					<i>SLC35D2</i>	Body
cg19944876	17	8,905,866	5.59E-05	0.225	0.211						
cg27319216	8	6,693,540	5.09E-09	0.225	0.225					<i>XKR5</i>	TSS1500
cg27417609	16	68,676,806	6.46E-06	0.225	0.198					<i>CDH3</i>	TSS1500
cg02197277	16	21,245,235	1.38E-08	0.225	0.195					<i>ANKS4B</i>	Body
cg16232126	2	108,603,005	0.01482	0.225	0.195	6.25E-17	0.183			<i>SLC5A7</i>	1stExon
cg22083053	4	13,541,444	0.022967	0.225	0.264						
cg27149973	17	74,868,725	2.89E-09	0.225	0.239					<i>MGAT5B</i>	Body
cg17063780	12	103,816,811	0.000325	0.225	0.184					<i>C12orf42</i>	Body
cg24211908	17	72,443,401	3.68E-05	0.225	0.251					<i>GPRC5C</i>	3'UTR
cg06616245	12	57,854,236	3.19E-06	0.225	0.183	2.9E-13	0.061			<i>GLI1</i>	5'UTR
cg24451872	1	32,177,995	6.34E-05	0.225	0.240			Yes			
cg18147366	1	207,669,544	0.000468	0.225	0.271					<i>CR1</i>	5'UTR
cg18736448	8	134,087,171	0.00029	0.225	0.237					<i>TG</i>	Body
cg09580336	1	116,915,122	0.003831	0.225	0.178	2.22E-14	0.104			<i>ATP1A1</i>	TSS1500
cg10508317	17	76,355,146	0.000233	0.225	0.225					<i>SOCS3</i>	Body
cg18481230	2	155,555,347	0.018939	0.225	0.255					<i>KCNJ3</i>	1stExon
cg12691631	4	23,891,835	0.043393	0.225	0.283					<i>PPARGC1A</i>	TSS200
cg13710969	17	79,393,463	0.000774	0.225	0.083					<i>BAHCC1</i>	Body
cg08062822	X	103,356,845	0.016599	0.225	0.105					<i>MCART6</i>	5'UTR

cg03602029	6	137,814,078	7.23E-05	0.225	0.242				<i>OLIG3</i>	1stExon
cg15440661	2	43,395,871	8.64E-16	0.225	0.229					
cg19620724	6	50,810,852	0.001049	0.225	0.249				<i>TFAP2B</i>	Body
cg14050053	17	33,416,834	4.31E-07	0.225	0.190				<i>RFFL</i>	TSS1500
cg14686919	20	61,584,159	0.000122	0.225	0.193				<i>SLC17A9</i>	1stExon
cg02994246	1	21,587,174	7.77E-12	0.225	0.209				<i>ECE1</i>	Body
cg11605835	5	3,597,695	0.004652	0.225	0.262				<i>IRX1</i>	Body
cg20547575	7	69,065,351	0.008275	0.225	0.135				<i>AUTS2</i>	Body
cg13679772	14	89,933,549	4.95E-07	0.225	0.195				<i>FOXN3</i>	5'UTR
cg10497692	1	21,996,199	0.018514	0.225	0.155				<i>RAP1GAP</i>	TSS1500
cg12902206	3	52,351,487	1.97E-06	0.225	0.251				<i>DNAH1</i>	5'UTR
cg14704669	10	32,046,612	6.1E-20	0.225	0.226					
cg11858226	7	2,548,262	0.003104	0.225	0.226					
cg17856063	1	146,543,992	9.16E-10	0.225	0.191					
cg21371809	10	14,052,028	0.000262	0.225	0.176				<i>FRMD4A</i>	Body
cg04457317	3	50,567,932	0.001429	0.224	0.202					
cg09171882	12	75,874,499	0.02402	0.224	0.299				<i>GLIPR1</i>	TSS200
cg11604182	5	177,433,673	0.000162	0.224	0.236					
cg24993576	6	168,502,767	1.77E-05	0.224	0.214					
cg13251484	14	74,180,217	0.004694	0.224	0.180				<i>PNMA1</i>	1stExon
cg21092808	2	177,029,850	0.000992	0.224	0.207				<i>HOXD3</i>	5'UTR
cg07056299	7	73,393,148	1.79E-09	0.224	0.220					
cg15017278	16	127,449	0.004581	0.224	0.153				<i>MPG</i>	5'UTR
cg16297569	1	92,952,517	0.000188	0.224	0.183				<i>GFI1</i>	TSS1500
cg25577212	7	24,740,509	2.6E-09	0.224	0.230				<i>DFNA5</i>	Body
cg06399427	2	161,504,772	0.002093	0.224	0.169					
cg09261593	1	2,058,612	2.76E-12	0.224	0.212				<i>PRKCZ</i>	5'UTR
cg15269394	17	40,672,083	2.42E-09	0.224	0.224				<i>ATP6VOA1</i>	Body
cg17988320	7	30,361,459	1.46E-09	0.224	0.201				<i>ZNRF2</i>	Body
cg09103619	15	79,575,048	0.045997	0.224	0.211				<i>ANKRD34C</i>	TSS200
cg02762440	5	71,014,792	1.93E-08	0.224	0.215				<i>CARTPT</i>	TSS200
cg04551619	1	10,692,799	1.7E-28	0.224	0.243					
cg06386478	8	19,460,136	0.000359	0.224	0.201				<i>CSGALNACT1</i>	TSS200
cg06473276	6	39,399,221	0.002119	0.224	0.174				<i>KIF6</i>	Body

cg23851027	19	51,857,538	4.37E-06	0.224	0.174				<i>ETFB</i>	1stExon
cg10069809	2	45,028,604	5.38E-07	0.224	0.224					
cg24472823	7	51,296,131	1.39E-12	0.224	0.236				<i>COBL</i>	Body
cg27423216	12	5,543,269	0.000157	0.224	0.226				<i>NTF3</i>	Body
cg04464085	6	30,923,327	0.014043	0.224	0.291					
cg19201009	10	99,475,406	4.67E-23	0.224	0.212				<i>MARVELD1</i>	Body
cg25174438	4	85,403,915	0.000187	0.224	0.235					
cg09473359	13	24,477,933	4.07E-11	0.224	0.227					
cg26923410	7	30,951,432	9.46E-05	0.224	0.175				<i>AQP1</i>	TSS200
cg04309093	14	92,980,608	0.00427	0.224	0.152				<i>RIN3</i>	Body
cg17299456	11	10,696,311	0.001177	0.224	0.231				<i>MRVI1</i>	5'UTR
cg22460123	12	52,638,294	9.91E-13	0.224	0.198				<i>KRT7</i>	Body
cg00868523	19	54,387,036	0.002952	0.224	0.277				<i>PRKCG</i>	Body
cg02858132	3	136,469,005	1.74E-12	0.224	0.244				<i>STAG1</i>	5'UTR
cg12845268	10	63,657,363	1.59E-09	0.224	0.191					
cg15559833	2	218,829,609	0.005994	0.224	0.195			Yes		
cg08461692	17	8,481,454	5.37E-13	0.224	0.197				<i>MYH10</i>	Body
cg09100338	8	48,676,054	0.005036	0.224	0.172					
cg14176930	6	10,884,891	2.02E-06	0.224	0.247					
cg18652721	5	2,754,074	0.043891	0.224	0.204				<i>C5orf38</i>	Body
cg09267051	7	100,943,468	0.015001	0.224	0.216					
cg17651821	6	27,841,683	0.017727	0.224	0.235	4.36E-11	0.178		<i>HIST1H4L</i>	TSS1500
cg25751198	12	109,729,573	0.00375	0.224	0.172				<i>FOXN4</i>	Body
cg04792712	8	17,271,105	0.001121	0.224	0.154				<i>MTMR7</i>	TSS200
cg05416911	12	7,176,049	5.33E-05	0.224	0.211				<i>C1S</i>	Body
cg09387749	2	177,028,680	0.030618	0.224	0.227				<i>HOXD3</i>	TSS200
cg13985437	11	76,381,044	3.58E-07	0.224	0.200				<i>LRRC32</i>	5'UTR
cg15854394	8	22,769,830	2.58E-09	0.224	0.201				<i>PEBP4</i>	Body
cg23419907	2	220,154,319	1.45E-10	0.224	0.206					
cg13604794	17	48,050,338	3.1E-06	0.224	0.224				<i>DLX4</i>	Body
cg14594111	9	124,463,457	6.55E-13	0.224	0.200			Yes	<i>DAB2IP</i>	Body
cg18145937	5	132,010,740	1.83E-20	0.224	0.243				<i>IL4</i>	Body
cg14726637	1	207,669,308	1.82E-06	0.224	0.211	1.72E-20	0.202		<i>CR1</i>	TSS200
cg18455523	3	24,563,685	0.000414	0.224	0.153					

cg22871653	1	119,535,817	0.013534	0.224	0.227					
cg27345924	5	2,727,758	0.002649	0.224	0.252					
cg01558110	22	50,607,681	4.99E-21	0.224	0.237				PANX2	TSS1500
cg07519536	6	26,501,950	0.012806	0.224	0.207				BTN1A1	Body
cg27560864	11	118,024,339	6.41E-10	0.224	0.209	3.1E-19	0.140		SCN4B	TSS1500
cg15885672	17	59,488,116	8.07E-06	0.224	0.212				C17orf82	TSS1500
cg27264462	1	2,106,365	5.14E-05	0.224	0.260				PRKCZ	Body
cg17864646	17	80,297,148	1.17E-07	0.224	0.243					
cg26343958	12	5,539,662	0.000734	0.224	0.249					
cg10237817	1	154,519,846	2.15E-07	0.224	0.223				TDRD10	Body
cg02172819	10	79,261,503	1.53E-07	0.224	0.209				KCNMA1	Body
cg03810479	X	38,666,254	2.64E-12	0.224	0.212					
cg12111714	13	26,043,472	0.002845	0.224	0.190	3.1E-11	0.179		ATP8A2	Body
cg14096207	1	223,407,010	5.25E-05	0.224	0.248				SUSD4	Body
cg24569492	2	66,808,811	0.011121	0.224	0.239					
cg08368875	10	134,334,241	5.78E-09	0.224	0.237					
cg22598426	4	85,417,755	1.79E-07	0.224	0.207				NKX6-1	Body
cg23097006	20	25,063,817	0.009489	0.224	0.321	1.67E-11	0.174		VSX1	TSS1500
cg02117721	4	74,702,421	0.002768	0.224	0.082				CXCL6	5'UTR
cg06615445	17	36,759,100	9.38E-13	0.224	0.213				SRCIN1	Body
cg18055467	9	129,384,767	1.82E-06	0.224	0.222				LMX1B	Body
cg21814178	12	51,720,755	6.7E-06	0.224	0.226					
cg27148800	16	54,325,929	1.34E-06	0.224	0.187					
cg04566677	12	54,779,175	1.19E-09	0.224	0.211				ZNF385A	Body
cg26256223	8	145,106,582	1.46E-05	0.224	0.226				OPLAH	Body
cg11731868	17	7,344,050	0.039674	0.224	0.289				FGF11	Body
cg21831931	3	5,137,953	0.009143	0.224	0.222					
cg21940308	1	167,766,195	8.65E-07	0.224	0.202					
cg19403534	10	120,355,419	0.00058	0.224	0.229				PRLHR	TSS1500
cg26546537	8	122,651,555	0.015185	0.224	0.248				HAS2	5'UTR
cg10366797	12	54,441,509	6.64E-08	0.224	0.207				HOXC4	5'UTR
cg22540514	8	41,050,652	1.07E-09	0.224	0.213					
cg01919377	12	5,539,832	0.011762	0.224	0.238				NTF3	TSS1500
cg06405341	17	63,535,223	2.5E-14	0.224	0.223				AXIN2	Body



cg07213414	16	23,153,611	1.97E-24	0.224	0.227				<i>USP31</i>	Body
cg09682051	11	128,813,008	0.008165	0.224	0.130				<i>TP53AIP1</i>	TSS200
cg09694921	11	126,215,608	1.49E-13	0.224	0.201				<i>DCPS</i>	3'UTR
cg09773769	X	132,547,387	2.59E-12	0.224	0.187				<i>GPC4</i>	Body
cg17071855	17	3,819,880	8.07E-07	0.224	0.223				<i>P2RX1</i>	1stExon
cg03602233	16	75,144,040	7.37E-12	0.224	0.212				<i>ZNRF1</i>	3'UTR
cg08819022	22	18,531,447	1.01E-12	0.224	0.217					
cg09094355	X	3,632,358	0.002705	0.224	0.172				<i>PRKX</i>	TSS1500
cg25638611	11	70,508,420	5.88E-09	0.224	0.217				<i>SHANK2</i>	Body
cg21199165	2	45,166,884	8.44E-07	0.224	0.209					
cg23926436	17	12,133,847	4.33E-07	0.224	0.159					
cg00209038	2	48,982,683	0.025315	0.224	0.313				<i>LHCGR</i>	1stExon
cg08250880	11	86,526,022	0.000834	0.224	0.167					
cg14409032	9	129,445,219	0.000183	0.224	0.195				<i>LMX1B</i>	Body
cg20207763	10	13,392,088	0.004631	0.224	0.171					
cg00232453	6	31,864,574	1.11E-10	0.224	0.209				<i>EHMT2</i>	Body
cg03239925	18	77,230,795	3.65E-10	0.224	0.218				<i>NFATC1</i>	Body
cg22023627	8	20,125,819	1.11E-14	0.224	0.226					
cg24144574	7	653,445	5.37E-07	0.224	0.219				<i>PRKAR1B</i>	Body
cg01893695	14	77,370,443	7E-11	0.224	0.227					
cg21100518	6	29,595,002	5.13E-08	0.224	0.226				<i>GABBR1</i>	Body
cg11907729	6	55,443,757	0.026499	0.224	0.285				<i>HMGCLL1</i>	1stExon
cg02360514	19	45,975,990	2.81E-11	0.224	0.189				<i>FOSB</i>	Body
cg18504989	19	46,286,198	6.7E-06	0.224	0.235				<i>DMPK</i>	TSS1500
cg22331740	19	48,983,508	4.92E-13	0.224	0.226				<i>CYTH2</i>	3'UTR
cg04838832	10	72,502,473	0.00319	0.224	0.230				<i>ADAMTS14</i>	Body
cg05668853	17	27,044,169	0.000222	0.224	0.245	2.48E-22	0.165		<i>RAB34</i>	Body
cg24659328	3	58,563,666	1.97E-08	0.224	0.246				<i>FAM107A</i>	TSS200
cg06098693	11	70,002,283	6.27E-08	0.224	0.204				<i>ANO1</i>	Body
cg13577628	1	119,534,899	0.004377	0.224	0.187					
cg04054731	22	21,386,798	0.034902	0.224	0.081				<i>SLC7A4</i>	5'UTR
cg19615017	3	30,673,459	4.11E-19	0.224	0.222				<i>TGFBR2</i>	Body
cg20196291	10	116,164,849	1.79E-08	0.224	0.168				<i>AFAP1L2</i>	TSS1500
cg00208504	4	140,200,520	0.014417	0.224	0.147				<i>C4orf49</i>	Body

cg00961517	10	24,491,007	1.33E-05	0.224	0.223				<i>KIAA1217</i>	5'UTR
cg22065923	22	30,938,383	0.01214	0.224	0.179					
cg05228404	10	125,851,279	0.000886	0.224	0.279					
cg11947187	8	134,142,317	0.000324	0.224	0.221				<i>TG</i>	Body
cg03646189	5	2,756,101	0.032871	0.224	0.189					
cg16765487	16	89,548,175	9.39E-09	0.224	0.216				<i>ANKRD11</i>	5'UTR
cg25577130	17	58,226,188	2.58E-08	0.224	0.217				<i>CA4</i>	TSS1500
cg24001644	X	20,134,719	0.0101	0.224	0.199				<i>MAP7D2</i>	Body
cg20341504	2	54,900,998	0.028223	0.224	0.221					
cg22518208	14	85,997,469	0.004261	0.224	0.242				<i>FLRT2</i>	5'UTR
cg11746996	13	69,459,533	1.58E-08	0.224	0.216					
cg14067873	12	81,110,706	1.66E-17	0.224	0.204				<i>MYF5</i>	TSS200
cg19793499	7	70,096,378	1.94E-10	0.224	0.216				<i>AUTS2</i>	Body
cg16099804	5	83,680,253	0.005626	0.224	0.218				<i>EDIL3</i>	5'UTR
cg05030553	21	44,061,403	0.000448	0.224	0.181					
cg16422907	13	37,006,734	0.000109	0.224	0.193	8.97E-24	0.197		<i>CCNA1</i>	5'UTR
cg22141459	17	27,899,465	7.4E-17	0.224	0.214				<i>TP53I13</i>	Body
cg25623727	5	15,932,416	5.8E-10	0.224	0.208				<i>FBXL7</i>	Body
cg26612727	17	38,024,636	5.4E-06	0.224	0.184				<i>ZBP2</i>	1stExon
cg09350411	7	157,667,935	5.67E-07	0.224	0.159				<i>PTPRN2</i>	Body
cg04915044	2	86,263,895	2.95E-05	0.224	0.238				<i>POLR1A</i>	Body
cg19640500	14	55,982,148	2.62E-09	0.224	0.224					
cg21958524	12	99,139,867	1.7E-06	0.224	0.147				<i>ANKS1B</i>	Body
cg24607642	17	42,345,612	0.001093	0.224	0.233			Yes	<i>SLC4A1</i>	TSS200
cg26867575	9	96,723,088	0.001935	0.224	0.241					
cg06174078	11	1,325,718	0.030567	0.224	0.206				<i>TOLLIP</i>	Body
cg16411668	4	123,704,747	1.18E-19	0.224	0.218					
cg20429250	17	33,814,359	0.005527	0.224	0.228				<i>SLFN12L</i>	Body
cg19256400	2	131,512,768	6.37E-09	0.224	0.246				<i>FAM123C</i>	TSS1500
cg17839166	5	53,751,272	1.53E-06	0.224	0.263				<i>HSPB3</i>	TSS200
cg08336287	10	11,206,892	5.43E-05	0.224	0.112				<i>CUGBP2</i>	TSS200
cg08128361	16	67,336,052	0.018391	0.224	0.210				<i>KCTD19</i>	Body
cg08188886	14	105,633,697	1.29E-07	0.224	0.181				<i>JAG2</i>	Body
cg12938003	4	109,092,724	0.044973	0.224	0.287				<i>LOC641518</i>	TSS1500

cg22304507	3	136,537,863	0.029447	0.224	0.168				<i>TMEM22</i>	1stExon
cg13990947	9	19,128,801	0.000652	0.224	0.178				<i>PLIN2</i>	TSS1500
cg22490454	2	468,934	2.86E-06	0.224	0.215					
cg04550823	1	87,617,916	0.003884	0.224	0.256				<i>LOC339524</i>	Body
cg07392601	9	133,413,095	0.000631	0.224	0.200					
cg21728840	19	57,829,009	1.54E-05	0.224	0.260					
cg24512005	11	3,014,291	7.09E-05	0.224	0.176				<i>NAP1L4</i>	TSS1500
cg01602153	8	59,058,660	2.36E-06	0.224	0.212				<i>FAM110B</i>	5'UTR
cg01992935	X	108,868,271	1.66E-05	0.224	0.240				<i>KCNE1L</i>	1stExon
cg14437996	9	91,794,687	2.73E-06	0.224	0.215				<i>SHC3</i>	TSS1500
cg02864688	1	11,752,342	4.37E-07	0.224	0.181				<i>MAD2L2</i>	TSS1500
cg11826961	17	38,221,639	2.31E-05	0.224	0.224				<i>THRA</i>	5'UTR
cg16691593	5	76,934,634	0.001394	0.224	0.244				<i>OTP</i>	TSS200
cg24095374	5	176,799,366	6.47E-10	0.224	0.195				<i>RGS14</i>	3'UTR
cg14842777	13	112,723,226	0.02484	0.224	0.192				<i>SOX1</i>	1stExon
cg00176210	8	41,654,967	4.98E-07	0.224	0.159	1.18E-10	0.109		<i>ANK1</i>	Body
cg03138928	1	226,004,826	0.000138	0.224	0.220				<i>EPHX1</i>	5'UTR
cg07589612	8	97,171,668	0.000107	0.224	0.269				<i>GDF6</i>	Body
cg05998607	2	119,067,928	0.001957	0.224	0.225					
cg06394621	10	29,236,369	7.52E-05	0.224	0.240					
cg21097036	6	127,840,640	0.025654	0.224	0.220				<i>C6orf174</i>	TSS200
cg04768602	8	99,960,148	1.03E-05	0.224	0.225				<i>OSR2</i>	5'UTR
cg10385303	14	36,983,146	0.014307	0.224	0.271				<i>SFTA3</i>	TSS200
cg17557141	11	43,947,677	4.22E-09	0.224	0.226					
cg20121142	7	19,158,001	0.003052	0.224	0.218				<i>TWIST1</i>	TSS1500
cg20880080	18	19,780,644	1.31E-44	0.224	0.210				<i>GATA6</i>	Body
cg14762436	7	24,917,750	9.88E-12	0.224	0.216				<i>OSBPL3</i>	Body
cg05907933	5	77,268,888	0.03914	0.224	0.216					
cg10221896	16	79,263,595	1.27E-08	0.224	0.240					
cg14974772	14	92,414,425	0.003553	0.224	0.094	2.49E-22	0.142		<i>FBLN5</i>	TSS1500
cg16105687	19	22,805,801	0.00574	0.224	0.233					
cg05134847	22	19,742,426	5.75E-09	0.224	0.201					
cg21658968	11	92,754,025	0.002494	0.224	0.177					
cg27637521	17	76,355,202	1.81E-05	0.224	0.222	4.85E-22	0.225		<i>SOCS3</i>	5'UTR

cg10214640	16	54,973,047	2.9E-05	0.224	0.211					
cg15016597	1	156,401,319	1.09E-12	0.224	0.203					
cg16286925	5	108,339,964	1.7E-10	0.224	0.217				<i>FER</i>	Body
cg20355644	10	29,747,440	1.47E-18	0.224	0.221				<i>SVIL</i>	Body
cg20970205	17	77,766,040	8.23E-06	0.224	0.215					
cg26099834	15	66,947,568	0.005371	0.224	0.142					
cg27141517	15	66,923,526	3.84E-12	0.224	0.209					
cg18397279	X	91,036,807	0.037838	0.224	0.210				<i>PCDH11X</i>	5'UTR
cg07853425	5	134,408,820	2.89E-09	0.224	0.233					
cg23369632	6	56,438,637	0.000201	0.224	0.266				<i>DST</i>	Body
cg01603234	1	218,990,709	6.85E-10	0.224	0.260					
cg23300372	5	71,015,432	0.028567	0.224	0.202	1.22E-22	0.262		<i>CARTPT</i>	Body
cg02683197	6	28,174,875	0.003281	0.224	0.243					
cg14062002	6	139,117,468	1.52E-05	0.224	0.225					
cg04638150	11	62,273,418	1.61E-09	0.223	0.202				<i>AHNAK</i>	Body
cg08660959	6	32,044,163	2.98E-37	0.223	0.225				<i>TNXB</i>	Body
cg09213124	17	38,599,508	0.000129	0.223	0.172				<i>IGFBP4</i>	TSS200
cg16549694	1	42,204,925	5.12E-05	0.223	0.199				<i>HIVEP3</i>	5'UTR
cg08581937	17	7,555,132	0.012838	0.223	0.149				<i>ATP1B2</i>	Body
cg04396896	11	125,364,611	0.005105	0.223	0.254				<i>FEZ1</i>	5'UTR
cg11055493	10	94,451,351	4.04E-05	0.223	0.196				<i>HHEX</i>	Body
cg12532095	6	166,260,964	0.008221	0.223	0.087					
cg02473866	12	28,128,105	0.022872	0.223	0.264					
cg01733638	4	140,201,100	0.042726	0.223	0.202				<i>C4orf49</i>	Body
cg13808083	9	96,716,527	8.29E-07	0.223	0.205				<i>BARX1</i>	Body
cg17633234	15	93,617,065	3.6E-07	0.223	0.178				<i>RGMA</i>	1stExon
cg04132452	3	160,475,035	3.26E-08	0.223	0.231				<i>PPM1L</i>	Body
cg15300753	11	48,057,861	2E-10	0.223	0.229				<i>PTPRJ</i>	Body
cg14216285	6	28,778,124	0.043181	0.223	0.080					
cg04364695	8	40,618,425	0.000595	0.223	0.194				<i>ZMAT4</i>	Body
cg14496753	9	124,979,184	1.09E-15	0.223	0.207				<i>LHX6</i>	Body
cg26180469	11	64,081,563	1.86E-32	0.223	0.225				<i>ESRRA</i>	Body
cg04042861	2	231,989,824	0.001629	0.223	0.192				<i>HTR2B</i>	TSS200
cg09655666	17	34,820,190	0.019203	0.223	0.303					

cg17790928	7	1,277,790	0.006671	0.223	0.169					
cg02711510	16	85,220,747	1.08E-17	0.223	0.226					
cg06173663	7	101,579,929	0.00661	0.223	0.189				<i>CUX1</i>	Body
cg11631427	17	59,478,579	0.014307	0.223	0.168				<i>TBX2</i>	Body
cg15572396	3	58,321,349	1.13E-09	0.223	0.214				<i>PXK</i>	Body
cg18576301	8	100,716,071	2.59E-13	0.223	0.216				<i>VPS13B</i>	Body
cg18890556	2	225,266,580	6.84E-07	0.223	0.198				<i>FAM124B</i>	5'UTR
cg01616394	12	125,138,263	5.72E-11	0.223	0.234					
cg06958211	15	40,532,180	1.76E-05	0.223	0.254	2.59E-23	0.282		<i>PAK6</i>	1stExon
cg06812795	6	32,829,025	0.031162	0.223	0.166					
cg16847637	7	130,020,328	0.000386	0.223	0.259				<i>CPA1</i>	1stExon
cg02457328	12	103,355,190	0.001234	0.223	0.202					
cg08966208	11	1,769,409	0.008606	0.223	0.148				<i>HCCA2</i>	Body
cg14422093	1	227,009,245	4.36E-10	0.223	0.222					
cg27141871	19	41,318,235	3.08E-14	0.223	0.224					
cg26814883	X	70,328,127	2.28E-07	0.223	0.211				<i>CXorf65</i>	TSS1500
cg06142946	11	17,373,124	0.048975	0.223	0.039				<i>DKFZp686O24166</i>	TSS200
cg09595185	17	46,667,812	1.99E-08	0.223	0.223				<i>LOC404266</i>	TSS200
cg11616676	7	87,848,143	0.022719	0.223	0.182				<i>SRI</i>	Body
cg24684077	12	30,948,712	3.19E-06	0.223	0.213					
cg27176129	20	43,937,155	0.000208	0.223	0.230				<i>MATN4</i>	TSS200
cg01515515	1	92,414,295	0.000481	0.223	0.249				<i>BRDT</i>	TSS1500
cg14323539	2	928,750	6.11E-20	0.223	0.201					
cg18406033	2	223,159,869	8.78E-07	0.223	0.186				<i>PAX3</i>	Body
cg19836471	10	79,638,108	0.000195	0.223	0.239				<i>DLG5</i>	Body
cg21282907	6	74,289,980	0.000386	0.223	0.251					
cg05267394	20	32,856,898	1.42E-05	0.223	0.175				<i>ASIP</i>	Body
cg11808936	4	7,894,203	0.000676	0.223	0.171				<i>AFAP1</i>	5'UTR
cg25711779	2	56,149,825	6.14E-11	0.223	0.202	7.72E-16	0.175		<i>EFEMP1</i>	5'UTR
cg03813151	6	149,778,058	1.16E-17	0.223	0.236				<i>ZC3H12D</i>	Body
cg12236164	9	972,622	0.006033	0.223	0.255					
cg01682285	14	81,422,160	5.65E-07	0.223	0.199				<i>TSHR</i>	1stExon
cg14814167	6	139,293,014	4.14E-19	0.223	0.229				<i>REPS1</i>	Body
cg18207741	15	60,294,120	0.00426	0.223	0.266					

cg27339452	3	136,537,752	0.009867	0.223	0.243				<i>TMEM22</i>	TSS200
cg01500844	19	11,530,060	0.001461	0.223	0.215				<i>RGL3</i>	TSS200
cg13773631	9	96,715,843	0.000666	0.223	0.235				<i>BARX1</i>	Body
cg20345562	2	175,197,892	0.004505	0.223	0.270					
cg21795544	5	42,993,440	0.010285	0.223	0.208					
cg00278547	2	177,037,212	4.86E-06	0.223	0.170				<i>HOXD3</i>	3'UTR
cg26814835	20	30,195,969	0.001502	0.223	0.227					
cg02100011	22	38,635,773	0.000136	0.223	0.251				<i>TMEM184B</i>	Body
cg03171770	10	43,393,728	0.012539	0.223	0.232					
cg06158650	1	119,522,637	0.011435	0.223	0.228				<i>TBX15</i>	5'UTR
cg07786776	17	40,250,289	0.048971	0.223	0.264					
cg11453076	6	137,812,735	1.12E-06	0.223	0.234					
cg21033965	1	178,455,800	4.84E-05	0.223	0.234					
cg05379541	7	27,252,541	1.85E-06	0.223	0.203					
cg15304404	6	163,826,969	0.006931	0.223	0.155					
cg00352218	6	19,691,654	0.012927	0.223	0.264					
cg24206827	2	214,098,074	8.69E-05	0.223	0.199					
cg00667862	1	91,300,446	0.037723	0.223	0.272					
cg01884681	17	70,339,149	1.18E-05	0.223	0.207					
cg12497374	3	14,339,534	4.85E-07	0.223	0.227					
cg19194167	15	57,846,210	2.18E-09	0.223	0.222					
cg11875044	10	8,546,509	0.019413	0.223	0.162					
cg01997270	22	44,418,018	6.55E-17	0.223	0.204				<i>PARVB</i>	Body
cg11978884	5	135,415,819	8.49E-05	0.223	0.163					
cg26597734	16	11,150,952	3.41E-05	0.223	0.221			Yes	<i>CLEC16A</i>	Body
cg11947981	2	182,322,749	0.03716	0.223	0.219				<i>ITGA4</i>	Body
cg22132509	3	160,475,102	4.71E-08	0.223	0.216				<i>PPM1L</i>	Body
cg26643856	6	32,977,349	5.06E-05	0.223	0.242	7.95E-26	0.143		<i>HLA-DOA</i>	1stExon
cg02108033	4	17,783,294	0.012037	0.223	0.198				<i>FAM184B</i>	TSS200
cg04992588	3	58,563,674	1.03E-09	0.223	0.216				<i>FAM107A</i>	TSS200
cg17291521	5	50,260,045	2.91E-08	0.223	0.195					
cg01281911	1	47,882,686	9.84E-05	0.223	0.293				<i>FOXE3</i>	1stExon
cg05754861	8	99,961,768	2.49E-07	0.223	0.213				<i>OSR2</i>	Body
cg16754788	8	97,803,770	1.08E-09	0.223	0.225				<i>PGCP</i>	Body

cg27183030	7	99,595,458	0.005188	0.223	0.192					
cg06036471	10	93,861,385	0.000182	0.223	0.198				<i>CPEB3</i>	Body
cg17733820	22	31,536,784	0.001061	0.223	0.156			Yes	<i>PLA2G3</i>	TSS1500
cg24718465	19	46,999,118	9.97E-05	0.223	0.238				<i>PNMAL2</i>	1stExon
cg05945290	17	39,792,147	0.001351	0.223	0.250					
cg15237152	19	11,649,631	1.15E-07	0.223	0.207				<i>CNN1</i>	1stExon
cg15681255	8	27,192,141	4.31E-10	0.223	0.197				<i>PTK2B</i>	5'UTR
cg18516557	2	177,004,015	3.22E-08	0.223	0.192					
cg07310406	22	50,524,374	2.47E-05	0.223	0.228				<i>MLC1</i>	TSS1500
cg19577548	20	48,178,928	1.39E-16	0.223	0.236				<i>PTGIS</i>	Body
cg04347414	1	2,084,519	5.26E-05	0.223	0.178				<i>PRKCZ</i>	Body
cg08348422	2	236,935,654	1.14E-10	0.223	0.216				<i>AGAP1</i>	Body
cg12731671	20	6,033,516	1.67E-06	0.223	0.198				<i>LRRN4</i>	5'UTR
cg06609197	8	80,524,611	0.014631	0.223	0.287				<i>STMN2</i>	Body
cg20690125	17	74,476,978	2.64E-08	0.223	0.227				<i>RHBDF2</i>	Body
cg16477774	11	65,325,249	0.008058	0.223	0.128				<i>LTBP3</i>	1stExon
cg03396354	19	46,519,603	0.008178	0.223	0.171				<i>CCDC61</i>	Body
cg18961681	7	32,467,657	0.009699	0.223	0.245					
cg00376022	7	19,183,880	0.008883	0.223	0.337					
cg01026503	20	62,025,366	8.31E-07	0.223	0.240					
cg04146745	3	42,947,263	0.000848	0.223	0.140				<i>ZNF662</i>	TSS1500
cg10425005	16	10,133,433	0.007672	0.223	0.246				<i>GRIN2A</i>	Body
cg11871421	17	6,679,476	0.026434	0.223	0.217				<i>FBXO39</i>	TSS200
cg14094242	4	56,020,979	1.67E-05	0.223	0.221					
cg23363971	12	56,415,271	0.000126	0.223	0.222				<i>IKZF4</i>	1stExon
cg02744524	3	138,655,827	0.038707	0.223	0.237					
cg09590377	2	8,597,389	0.003764	0.223	0.220					
cg13768290	2	63,285,491	0.000342	0.223	0.217					
cg19921377	19	7,580,209	1.88E-11	0.223	0.218			Yes	<i>ZNF358</i>	TSS1500
cg24377070	3	128,182,041	1.74E-17	0.223	0.195				<i>DNAJB8</i>	Body
cg00380924	6	166,967,377	1.69E-12	0.223	0.221				<i>RPS6KA2</i>	Body
cg10635443	8	23,557,486	3.1E-06	0.223	0.195					
cg15824100	1	77,980,005	8.99E-11	0.223	0.240				<i>AK5</i>	Body
cg26660800	17	59,480,926	6.93E-06	0.223	0.188				<i>TBX2</i>	Body

cg18085176	4	7,939,940	1.48E-08	0.223	0.235				<i>AFAP1</i>	5'UTR
cg21414905	6	11,901,382	1.65E-14	0.223	0.217					
cg17193155	6	27,203,343	0.000156	0.223	0.242					
cg00852595	12	99,548,437	2.34E-07	0.223	0.237				<i>ANKS1B</i>	1stExon
cg02197228	2	220,402,771	1.7E-08	0.223	0.250				<i>ACCN4</i>	3'UTR
cg06103243	3	193,923,516	2.62E-12	0.223	0.209					
cg10600534	15	60,971,920	2.53E-14	0.223	0.231				<i>RORA</i>	Body
cg18861547	1	22,196,887	1.2E-11	0.223	0.180				<i>HSPG2</i>	Body
cg16864658	3	42,306,150	0.024416	0.223	0.199	0.00000401	0.116		<i>CCK</i>	5'UTR
cg17327331	14	67,736,448	8.24E-10	0.223	0.236				<i>MPP5</i>	5'UTR
cg25771271	1	119,550,191	0.002452	0.223	0.254					
cg06207120	15	45,996,521	1.32E-07	0.223	0.207					
cg05583240	12	105,477,579	0.012044	0.223	0.169				<i>ALDH1L2</i>	Body
cg09970120	7	155,167,844	0.013839	0.223	0.194					
cg05218245	6	31,683,352	1.05E-23	0.223	0.222				<i>LY6G6D</i>	Body
cg26558799	17	80,806,435	3.56E-07	0.223	0.243				<i>TBCD</i>	Body
cg07533511	12	94,580,931	6.83E-08	0.223	0.206				<i>PLXNC1</i>	Body
cg10236239	2	108,994,514	9.84E-08	0.223	0.208	6.45E-13	0.125		<i>SULT1C4</i>	5'UTR
cg18112953	20	47,448,545	2.21E-12	0.223	0.203					
cg13526915	14	24,164,078	0.002581	0.223	0.156					
cg18264486	6	31,650,916	0.017892	0.223	0.275					
cg20862097	6	39,760,776	0.006302	0.223	0.277				<i>DAAM2</i>	TSS200
cg23448348	3	139,257,907	7.9E-07	0.223	0.227				<i>RBP1</i>	Body
cg01804036	12	117,483,310	1.22E-07	0.223	0.186				<i>TESC</i>	Body
cg10114725	2	225,266,733	0.010716	0.223	0.266				<i>FAM124B</i>	TSS200
cg18901140	17	8,908,225	2.55E-10	0.223	0.194					
cg07958575	7	140,206,867	6.48E-05	0.223	0.243					
cg26950867	2	216,299,856	1.89E-07	0.223	0.219				<i>FN1</i>	Body
cg26965695	X	23,926,980	7.5E-23	0.223	0.211				<i>CXorf58</i>	5'UTR
cg13764778	17	48,546,503	0.021667	0.223	0.219				<i>CHAD</i>	TSS1500
cg26074349	12	50,426,727	0.011128	0.223	0.266					
cg24953596	1	3,515,194	0.00615	0.223	0.249				<i>MEGF6</i>	Body
cg13466456	1	29,587,088	1.77E-05	0.223	0.214				<i>PTPRU</i>	Body
cg07981013	7	156,795,767	0.020602	0.223	0.184					



cg15992347	11	85,565,475	0.02058	0.223	0.149				<i>CCDC83</i>	TSS1500
cg22367872	1	4,718,573	0.003819	0.223	0.178				<i>AJAP1</i>	Body
cg15029935	15	91,126,012	9.87E-29	0.223	0.205				<i>CRTC3</i>	Body
cg14025021	15	43,809,510	2.13E-08	0.223	0.217				<i>MAP1A</i>	TSS1500
cg22236066	8	103,742,123	1.54E-10	0.223	0.233					
cg17360338	19	19,500,060	8.16E-10	0.223	0.215				<i>GATAD2A</i>	5'UTR
cg20647118	13	92,051,786	0.001135	0.223	0.233				<i>GPC5</i>	Body
cg26176204	2	236,401,677	3.77E-06	0.223	0.199				<i>AGAP1</i>	TSS1500
cg01379344	17	70,609,699	1.69E-08	0.223	0.231					
cg08380556	13	31,020,218	0.003826	0.223	0.142					
cg09533305	22	38,853,600	1.44E-09	0.223	0.215					
cg04328562	19	11,649,701	2.38E-05	0.223	0.245				<i>CNN1</i>	1stExon
cg14235846	17	800,745	1.25E-08	0.223	0.222				<i>NXN</i>	Body
cg19160624	12	68,221,623	8.47E-05	0.223	0.208					
cg03744842	7	45,067,319	1.83E-08	0.223	0.186				<i>CCM2</i>	Body
cg14368473	9	123,694,717	8.89E-12	0.223	0.204					
cg01539484	7	130,040,067	3.15E-12	0.223	0.230				<i>TSGA14</i>	Body
cg13861294	12	100,750,473	2.06E-05	0.223	0.290				<i>SLC17A8</i>	TSS1500
cg15206981	4	124,323,013	2.54E-06	0.223	0.251				<i>SPRY1</i>	Body
cg22452837	6	28,664,155	0.025131	0.223	0.270					
cg00318756	1	67,773,020	0.006806	0.223	0.169				<i>IL12RB2</i>	TSS200
cg10174333	1	116,336,029	0.003625	0.223	0.217					
cg10421029	16	30,936,028	2.17E-06	0.223	0.198				<i>FBXL19</i>	1stExon
cg18017908	17	16,394,618	0.000209	0.223	0.135	4.51E-13	0.108		<i>C17orf76</i>	Body
cg06964190	11	61,275,247	3.61E-08	0.223	0.185				<i>LRRC10B</i>	TSS1500
cg19907725	1	153,539,397	9.07E-10	0.223	0.212				<i>S100A2</i>	TSS1500
cg14507146	5	34,043,333	5.84E-14	0.223	0.198				<i>C1QTNF3</i>	TSS200
cg26323077	11	95,831,121	3.49E-16	0.223	0.236				<i>MAML2</i>	Body
cg25033990	17	32,484,014	6.88E-05	0.223	0.242				<i>ACCN1</i>	TSS200
cg26498247	16	50,003,613	4.38E-12	0.223	0.189					
cg07997434	2	238,864,969	0.008284	0.222	0.207					
cg22711111	6	30,139,979	0.006388	0.222	0.318				<i>TRIM15</i>	Body
cg22729681	1	164,717,625	2.24E-06	0.222	0.245				<i>PBX1</i>	Body
cg10503842	15	23,158,338	0.001707	0.222	0.261					

cg04905421	16	1,581,129	1.62E-08	0.222	0.230				<i>IFT140</i>	Body
cg13850401	9	133,413,080	0.000296	0.222	0.211					
cg22663372	2	45,161,107	0.001839	0.222	0.188					
cg01668281	21	37,915,281	2.88E-11	0.222	0.222				<i>CLDN14</i>	5'UTR
cg02218506	10	132,975,885	0.0005	0.222	0.251				<i>TCERG1L</i>	Body
cg05710562	3	13,323,633	1.59E-05	0.222	0.203					
cg05557233	6	27,482,950	0.036431	0.222	0.248					
cg11700800	5	92,906,633	3.93E-06	0.222	0.244				<i>FLJ42709</i>	Body
cg20296924	2	3,654,470	1.82E-16	0.222	0.220				<i>COLEC11</i>	Body
cg22459664	7	139,929,764	0.022491	0.222	0.151					
cg06275859	4	1,407,694	0.005489	0.222	0.247					
cg09106510	11	71,050,395	9.86E-10	0.222	0.201					
cg14580628	5	43,602,116	0.003975	0.222	0.111				<i>NNT</i>	TSS1500
cg03486832	12	122,019,525	4.65E-05	0.222	0.228				<i>KDM2B</i>	TSS1500
cg10632395	6	137,815,648	0.004229	0.222	0.261				<i>OLIG3</i>	TSS200
cg25007705	1	21,588,799	2.18E-10	0.222	0.212				<i>ECE1</i>	Body
cg01947130	15	60,287,196	0.021246	0.222	0.235					
cg01611777	2	102,359,027	0.019442	0.222	0.125				<i>MAP4K4</i>	Body
cg07145843	5	95,769,025	0.006342	0.222	0.184				<i>PCSK1</i>	TSS200
cg04859826	1	59,479,179	0.000677	0.222	0.173					
cg19483007	3	149,327,651	0.000175	0.222	0.210				<i>WWTR1</i>	Body
cg00053393	4	183,064,388	5.48E-06	0.222	0.249				<i>MGC45800</i>	Body
cg15339164	12	3,589,869	3.65E-06	0.222	0.242					
cg19344322	7	105,650,550	6.76E-12	0.222	0.216				<i>FLJ23834</i>	Body
cg27134827	6	32,121,566	0.001747	0.222	0.194				<i>PPT2</i>	Body
cg24135939	6	42,419,091	0.008073	0.222	0.209				<i>TRERF1</i>	5'UTR
cg06261926	2	161,264,607	0.01152	0.222	0.148				<i>RBMS1</i>	Body
cg00171092	3	124,531,371	7.2E-10	0.222	0.200			Yes	<i>ITGB5</i>	Body
cg03430846	8	31,497,082	0.038383	0.222	0.216				<i>NRG1</i>	TSS200
cg07316846	2	105,484,694	0.00844	0.222	0.272					
cg00294382	12	56,732,721	0.000128	0.222	0.210	5.13E-19	0.172		<i>IL23A</i>	5'UTR
cg01296593	16	86,599,976	0.007458	0.222	0.255				<i>FOXC2</i>	TSS1500
cg24210813	17	46,669,644	8.19E-09	0.222	0.191				<i>LOC404266</i>	TSS200
cg00824767	10	23,488,272	0.00169	0.222	0.213					

cg13793157	19	51,415,450	1.14E-11	0.222	0.223				<i>KLK4</i>	TSS1500
cg15090211	6	3,232,464	0.034381	0.222	0.097					
cg18390495	20	239,809	2.08E-06	0.222	0.194				<i>DEFB132</i>	Body
cg19909787	10	124,907,708	0.019552	0.222	0.170				<i>HMX2</i>	1stExon
cg14989164	1	180,205,157	0.007343	0.222	0.278				<i>LHX4</i>	Body
cg15668533	3	10,858,446	1.5E-06	0.222	0.194				<i>SLC6A11</i>	Body
cg00983904	12	6,665,288	0.000111	0.222	0.220				<i>IFFO1</i>	TSS200
cg00090619	6	33,160,286	0.042762	0.222	0.298				<i>COL11A2</i>	TSS200
cg12936335	6	150,286,212	0.016536	0.222	0.196				<i>ULBP1</i>	Body
cg15175129	12	65,672,052	2.28E-06	0.222	0.204				<i>MSRB3</i>	TSS1500
cg22038738	8	42,064,673	1.83E-11	0.222	0.170	2.57E-21	0.148		<i>PLAT</i>	5'UTR
cg22976533	14	105,784,090	1.65E-06	0.222	0.208				<i>PACS2</i>	Body
cg15205547	7	23,514,347	0.044608	0.222	0.219					
cg16097191	1	9,262,511	1.53E-05	0.222	0.200					
cg24378440	22	25,816,699	0.006006	0.222	0.198					
cg02590287	X	106,161,451	1.19E-08	0.222	0.218				<i>CLDN2</i>	5'UTR
cg16299747	10	118,429,952	0.003042	0.222	0.195				<i>C10orf82</i>	TSS1500
cg00575066	6	10,390,039	0.000126	0.222	0.235					
cg08959094	16	88,186,048	3.51E-32	0.222	0.221					
cg09940311	1	183,901,666	7.82E-05	0.222	0.190					
cg19092096	1	110,612,474	3.82E-07	0.222	0.211				<i>ALX3</i>	Body
cg21566081	7	127,841,626	0.010023	0.222	0.195					
cg00099602	6	87,993,447	5.28E-08	0.222	0.265				<i>GJB7</i>	3'UTR
cg15616358	11	68,610,296	1.77E-07	0.222	0.233				<i>CPT1A</i>	TSS1500
cg04214430	13	50,702,707	1.09E-11	0.222	0.201					
cg01835695	5	180,230,959	2.62E-09	0.222	0.202				<i>MGAT1</i>	5'UTR
cg07278054	3	55,523,594	2.01E-08	0.222	0.194					
cg07515989	1	43,250,763	0.000621	0.222	0.238					
cg14537332	11	70,508,113	1.28E-05	0.222	0.202				<i>SHANK2</i>	Body
cg04784839	2	114,299,047	0.006791	0.222	0.168					
cg16104076	5	40,682,069	3.19E-06	0.222	0.234				<i>PTGER4</i>	Body
cg18344930	5	87,441,081	0.017628	0.222	0.289					
cg19700872	5	145,895,766	0.040164	0.222	0.259				<i>GPR151</i>	TSS200
cg20495365	4	3,371,291	0.000113	0.222	0.201				<i>RGS12</i>	TSS1500

cg00634665	8	54,790,957	0.000483	0.222	0.243				<i>RGS20</i>	Body
cg12308407	6	32,081,491	1.51E-14	0.222	0.229					
cg02097014	1	203,156,374	0.007651	0.222	0.164				<i>CHI3L1</i>	TSS1500
cg26046136	20	45,526,613	1.24E-09	0.222	0.196				<i>EYA2</i>	5'UTR
cg18143296	3	157,812,763	0.001542	0.222	0.231					
cg06230839	21	43,189,892	2.1E-17	0.222	0.206					
cg06829686	1	47,910,843	1.4E-05	0.222	0.202					
cg11325578	X	9,733,287	1.08E-10	0.222	0.216				<i>GPR143</i>	Body
cg08235970	1	18,957,023	0.010083	0.222	0.189				<i>PAX7</i>	TSS1500
cg08783616	17	16,389,293	0.000517	0.222	0.152				<i>C17orf76</i>	Body
cg20954987	12	48,578,223	0.003569	0.222	0.257				<i>C12orf68</i>	1stExon
cg15414638	6	28,956,731	9.66E-05	0.222	0.209					
cg18425434	10	118,429,648	0.000192	0.222	0.286				<i>C10orf82</i>	TSS200
cg20248056	13	113,704,976	8.42E-08	0.222	0.197				<i>MCF2L</i>	Body
cg10282491	16	3,062,368	3.76E-06	0.222	0.230	2.24E-25	0.200		<i>CLDN9</i>	TSS200
cg16895719	8	25,899,257	2.9E-05	0.222	0.206				<i>EBF2</i>	Body
cg23015917	1	67,485,337	2.47E-09	0.222	0.217				<i>SLC35D1</i>	Body
cg04407762	4	113,442,791	0.001777	0.222	0.183					
cg05939970	3	127,795,340	3.1E-05	0.222	0.234					
cg05643964	20	62,369,504	0.00494	0.222	0.258				<i>LIME1</i>	Body
cg15633699	1	1,356,728	2.41E-12	0.222	0.198				<i>LOC441869</i>	TSS200
cg15909232	7	156,235,420	3.17E-05	0.222	0.264			Yes		
cg17445765	7	64,403,162	0.000347	0.222	0.144					
cg18569734	6	108,496,460	4.93E-05	0.222	0.218				<i>NR2E1</i>	Body
cg19759671	4	183,063,459	0.002394	0.222	0.203				<i>MGC45800</i>	Body
cg26590537	12	5,020,202	7.77E-05	0.222	0.241	4.79E-09	0.104		<i>KCNA1</i>	5'UTR
cg11840197	20	60,540,469	0.005545	0.222	0.201					
cg16639691	13	28,597,227	1.49E-05	0.222	0.235				<i>FLT3</i>	Body
cg18564686	2	10,169,675	9.13E-08	0.222	0.212					
cg20671920	8	10,586,678	1.57E-09	0.222	0.212				<i>SOX7</i>	Body
cg05779272	9	33,168,018	2.56E-13	0.222	0.205	1.59E-14	0.118		<i>B4GALT1</i>	TSS1500
cg09630706	7	229,695	2.53E-13	0.222	0.218				<i>FAM20C</i>	Body
cg11049075	17	42,199,063	5.57E-15	0.222	0.238				<i>HDAC5</i>	5'UTR
cg16592596	17	79,620,347	7.7E-09	0.222	0.209				<i>PDE6G</i>	5'UTR

cg24332783	11	31,818,791	0.00124	0.222	0.230				<i>PAX6</i>	Body
cg12406559	18	56,530,302	4.2E-07	0.222	0.138	2.78E-08	0.124		<i>ZNF532</i>	1stExon
cg17316316	5	180,525,108	0.034864	0.222	0.216					
cg00873517	8	136,511,832	3.03E-06	0.222	0.248				<i>KHDRBS3</i>	Body
cg04330449	5	134,871,166	0.039637	0.222	0.260	0.00035374	0.080		<i>NEUROG1</i>	1stExon
cg05813297	8	82,543,035	0.000329	0.222	0.210					
cg11202345	17	76,976,057	0.0015	0.222	0.180				<i>LGALS3BP</i>	1stExon
cg23528975	2	128,403,133	1.09E-26	0.222	0.212				<i>LIMS2</i>	Body
cg12047391	1	160,957,458	4.74E-07	0.222	0.240					
cg13450266	13	113,625,160	5.9E-22	0.222	0.223				<i>MCF2L</i>	Body
cg14254480	2	26,927,693	3.2E-14	0.222	0.218				<i>KCNK3</i>	Body
cg14553895	3	178,899,170	1.37E-05	0.222	0.232				<i>PIK3CA</i>	5'UTR
cg19926444	19	12,624,742	7.48E-06	0.222	0.245				<i>ZNF709</i>	TSS200
cg25316769	5	72,607,540	0.000103	0.222	0.190					
cg27315742	6	117,586,681	0.000831	0.222	0.252				<i>VGLL2</i>	TSS200
cg04039799	11	19,745,484	0.004653	0.222	0.181				<i>NAV2</i>	Body
cg11203512	11	93,064,092	0.000822	0.222	0.171				<i>CCDC67</i>	5'UTR
cg24028260	6	139,899,284	1.22E-17	0.222	0.223					
cg25836567	17	44,929,689	0.002025	0.222	0.185				<i>WNT9B</i>	Body
cg26898166	2	73,143,799	6.96E-05	0.222	0.245	2.85E-20	0.162		<i>EMX1</i>	TSS1500
cg00024443	16	21,569,473	3.38E-06	0.222	0.221					
cg02882375	11	34,517,751	7.18E-13	0.222	0.219				<i>ELF5</i>	Body
cg06834637	18	9,017,502	0.001041	0.222	0.190					
cg17421417	5	92,934,644	7.61E-07	0.222	0.208					
cg08461760	7	25,703,644	1.73E-06	0.222	0.242					
cg16968985	17	27,313,254	0.006994	0.222	0.131				<i>SEZ6</i>	Body
cg04513549	10	1,651,238	0.006531	0.222	0.218				<i>ADARB2</i>	Body
cg13262467	3	169,538,890	1.14E-12	0.222	0.243				<i>LRRIQ4</i>	TSS1500
cg13713830	9	79,631,737	0.000288	0.222	0.193					
cg17583077	7	108,097,436	0.000853	0.222	0.181				<i>NRCAM</i>	TSS1500
cg25217100	13	37,249,426	0.000606	0.222	0.249				<i>C13orf36</i>	5'UTR
cg05657792	17	6,899,758	0.000163	0.222	0.169				<i>ALOX12</i>	Body
cg07033292	15	78,287,690	9.26E-16	0.222	0.198				<i>TBC1D2B</i>	3'UTR
cg14317639	14	92,721,505	0.000386	0.222	0.182					

cg07722722	1	45,187,551	2.7E-09	0.222	0.210				<i>C1orf228</i>	Body
cg10892950	12	45,626,938	0.001132	0.222	0.191				<i>ANO6</i>	Body
cg14829606	6	166,579,974	0.00036	0.222	0.240				<i>T</i>	Body
cg05512561	13	33,925,656	6.83E-05	0.222	0.197					
cg16142218	8	23,101,221	2.55E-09	0.222	0.196				<i>CHMP7</i>	1stExon
cg26315862	13	21,520,519	7.71E-06	0.222	0.208					
cg07711397	10	82,297,615	8.57E-17	0.222	0.214				<i>SH2D4B</i>	TSS200
cg09035882	20	50,720,331	2.24E-06	0.222	0.241				<i>ZFP64</i>	Body
cg02103924	1	110,672,857	8.78E-05	0.222	0.182					
cg10158997	6	31,734,106	1.9E-14	0.222	0.209				<i>C6orf27</i>	Body
cg22749589	20	21,501,710	0.013072	0.222	0.218					
cg06875227	5	50,683,378	0.020304	0.222	0.277				<i>ISL1</i>	Body
cg02056653	5	140,888,468	1.05E-05	0.222	0.208				<i>PCDHGA4</i>	Body
cg06857304	10	94,826,314	1.4E-11	0.222	0.195				<i>CYP26C1</i>	Body
cg10160276	16	52,583,062	5.43E-05	0.222	0.160				<i>TOX3</i>	TSS1500
cg19719391	4	26,789,915	7.5E-08	0.222	0.216					
cg20722210	5	134,827,136	7.96E-09	0.222	0.195					
cg27044570	X	111,325,176	0.000002	0.222	0.207				<i>TRPC5</i>	5'UTR
cg21331088	18	908,290	0.025012	0.222	0.219				<i>ADCYAP1</i>	Body
cg00328729	11	45,231,175	1.57E-20	0.222	0.214				<i>PRDM11</i>	Body
cg03866607	17	59,532,826	1.33E-07	0.222	0.190				<i>TBX4</i>	TSS1500
cg26517714	5	170,736,245	0.002205	0.222	0.246				<i>TLX3</i>	TSS200
cg26585701	6	30,418,565	1.11E-05	0.222	0.197					
cg04410715	19	39,283,334	4.57E-06	0.222	0.213					
cg09408098	1	170,631,331	0.000788	0.222	0.196					
cg16659284	16	12,189,952	1.03E-12	0.222	0.223				<i>SNX29</i>	Body
cg03978242	17	40,822,497	3.98E-09	0.222	0.192				<i>PLEKHH3</i>	Body
cg05234035	5	172,673,203	1.91E-10	0.222	0.216					
cg26312951	21	42,797,847	1.07E-10	0.222	0.194				<i>MX1</i>	TSS200
cg05238917	6	28,504,946	1.79E-05	0.222	0.208					
cg07809831	16	48,428,016	1.6E-11	0.222	0.210					
cg09246479	22	24,891,129	0.04913	0.222	0.242				<i>C22orf45</i>	TSS1500
cg20803910	17	6,659,375	0.009508	0.222	0.192				<i>XAF1</i>	5'UTR
cg07723251	17	50,237,742	0.007794	0.222	0.243				<i>CA10</i>	TSS1500

cg17786206	1	29,142,254	2.55E-09	0.222	0.244				<i>OPRD1</i>	Body
cg01169778	9	136,038,690	1.22E-16	0.222	0.229	2.87E-22	0.173		<i>GBGT1</i>	5'UTR
cg04317047	5	148,808,388	0.000195	0.222	0.269				<i>MIR143</i>	TSS200
cg10987840	2	9,319,526	0.029174	0.222	0.156					
cg14355482	21	22,373,039	9.45E-05	0.222	0.146				<i>NCAM2</i>	Body
cg17826594	1	55,506,014	0.004303	0.222	0.288				<i>PCSK9</i>	Body
cg27365701	12	89,744,150	1.44E-08	0.222	0.228				<i>DUSP6</i>	Body
cg22325764	8	1,959,442	0.002175	0.222	0.100					
cg15801007	6	131,383,376	8.75E-05	0.222	0.225				<i>EPB41L2</i>	5'UTR
cg04130163	4	42,401,214	0.000636	0.222	0.222				<i>SHISA3</i>	Body
cg04352305	17	80,654,922	6.97E-05	0.222	0.156				<i>RAB40B</i>	Body
cg17828255	X	40,435,744	2.4E-09	0.222	0.211					
cg11613003	2	202,901,288	5.41E-05	0.222	0.225				<i>FZD7</i>	1stExon
cg17547578	X	102,983,589	1.11E-05	0.222	0.234				<i>GLRA4</i>	TSS200
cg27478485	12	6,898,682	7.85E-07	0.222	0.206				<i>CD4</i>	5'UTR
cg00988346	1	27,729,801	6.33E-06	0.222	0.262					
cg09983301	2	69,404,831	0.000324	0.222	0.216				<i>ANTXR1</i>	Body
cg02909136	20	44,941,542	0.001881	0.222	0.148					
cg04964944	21	27,012,878	0.031718	0.222	0.227				<i>JAM2</i>	Body
cg17496661	5	3,326,343	2.7E-15	0.222	0.176					
cg20654074	15	41,223,179	1.1E-05	0.222	0.195				<i>DLL4</i>	Body
cg20858454	11	4,010,737	2.06E-11	0.222	0.221				<i>STIM1</i>	Body
cg24553673	1	200,005,453	0.005121	0.222	0.242				<i>NR5A2</i>	Body
cg08062338	3	181,428,669	2.47E-06	0.222	0.203				<i>SOX2OT</i>	Body
cg14355911	17	59,473,456	1.63E-07	0.222	0.215					
cg25401612	12	20,009,446	4.19E-07	0.222	0.233					
cg09619598	9	115,512,530	4.51E-06	0.221	0.206				<i>SNX30</i>	TSS1500
cg22675791	11	46,370,729	9.5E-09	0.221	0.197				<i>DGKZ</i>	Body
cg03853809	1	220,863,382	0.010651	0.221	0.107				<i>C1orf115</i>	TSS1500
cg24351901	6	29,692,092	1.24E-05	0.221	0.216				<i>HLA-F</i>	Body
cg25841265	4	6,660,482	2.14E-16	0.221	0.227					
cg02689072	4	802,844	5.34E-07	0.221	0.216				<i>CPLX1</i>	Body
cg03339668	12	120,241,957	5.28E-15	0.221	0.228				<i>CIT</i>	Body
cg04462652	2	133,429,088	1.51E-06	0.221	0.235				<i>LYPD1</i>	TSS1500

cg14327394	9	116,337,285	4.85E-15	0.221	0.197					<i>RGS3</i>	Body
cg15388804	14	36,993,079	5.16E-07	0.221	0.234						
cg18040878	12	54,409,229	0.016286	0.221	0.233					<i>HOXC4</i>	TSS1500
cg07337290	16	28,505,320	7.61E-08	0.221	0.217					<i>APOB48R</i>	TSS1500
cg21255939	X	9,858,802	2.09E-21	0.221	0.205					<i>SHROOM2</i>	Body
cg04678916	2	54,900,910	0.000157	0.221	0.210						
cg09410389	8	41,168,205	7.44E-11	0.221	0.193					<i>SFRP1</i>	TSS1500
cg13710662	7	150,896,489	9.77E-09	0.221	0.212						
cg14870271	17	76,976,010	0.00096	0.221	0.182	6.35E-23	0.162	Yes		<i>LGALS3BP</i>	1stExon
cg04415672	12	58,237,706	6.19E-13	0.221	0.222					<i>CTDSP2</i>	Body
cg14726488	6	137,815,572	0.016227	0.221	0.255					<i>OLIG3</i>	TSS200
cg17627654	11	70,508,410	1.93E-10	0.221	0.215					<i>SHANK2</i>	Body
cg22933847	11	68,780,136	2.54E-08	0.221	0.197	0.00257397	0.036			<i>MRGPRF</i>	5'UTR
cg24042578	1	2,066,981	7.02E-07	0.221	0.182					<i>PRKCZ</i>	5'UTR
cg02079034	6	150,589,148	0.009759	0.221	0.166						
cg07464206	11	15,960,015	4.46E-13	0.221	0.187						
cg11562411	6	35,206,618	6.84E-07	0.221	0.228					<i>SCUBE3</i>	Body
cg03558222	X	47,483,257	0.033021	0.221	0.067						
cg01550055	1	119,543,216	3.23E-05	0.221	0.228						
cg22185065	6	6,318,785	5.97E-05	0.221	0.227					<i>F13A1</i>	Body
cg16331358	10	1,147,675	0.00833	0.221	0.212					<i>WDR37</i>	Body
cg24076474	19	11,531,344	0.012838	0.221	0.288					<i>RGL3</i>	TSS1500
cg10172432	13	95,357,042	2.84E-06	0.221	0.204						
cg00093080	12	117,421,224	3.97E-12	0.221	0.224					<i>FBXW8</i>	Body
cg25138553	1	22,223,841	3.46E-09	0.221	0.199					<i>HSPG2</i>	Body
cg00644823	1	91,301,461	0.002037	0.221	0.233						
cg07628705	14	51,339,074	2.55E-05	0.221	0.207					<i>ABHD12B</i>	5'UTR
cg17476701	6	30,651,563	1.09E-05	0.221	0.217					<i>KIAA1949</i>	Body
cg05097643	16	3,018,470	0.020156	0.221	0.123					<i>PAQR4</i>	TSS1500
cg16866941	22	38,601,325	1.38E-07	0.221	0.251					<i>MAFF</i>	5'UTR
cg20713092	7	100,946,111	0.026448	0.221	0.228						
cg15720089	10	18,550,223	7.85E-07	0.221	0.222					<i>CACNB2</i>	Body
cg12806763	17	46,655,836	0.001107	0.221	0.262					<i>HOXB4</i>	TSS200
cg23477348	21	45,564,615	6.96E-06	0.221	0.233					<i>C21orf33</i>	Body



cg01446515	13	20,805,443	3.79E-06	0.221	0.203				<i>GJB6</i>	5'UTR
cg16120415	1	156,399,787	0.000614	0.221	0.304				<i>C1orf61</i>	TSS1500
cg00381755	16	30,572,815	0.003901	0.221	0.207					
cg09515921	1	221,057,558	1.54E-22	0.221	0.228				<i>HLX</i>	Body
cg02586730	11	65,639,869	1.98E-13	0.221	0.223	1.25E-19	0.169		<i>EFEMP2</i>	5'UTR
cg04253876	2	30,453,758	1.29E-05	0.221	0.206				<i>LBH</i>	TSS1500
cg20305024	15	40,575,730	1.34E-06	0.221	0.216					
cg06653004	6	50,785,325	0.002495	0.221	0.290				<i>TFAP2B</i>	TSS1500
cg25980637	1	16,163,967	2.72E-06	0.221	0.205				<i>FLJ37453</i>	Body
cg27419860	15	81,426,477	0.017744	0.221	0.132				<i>C15orf26</i>	TSS200
cg27589809	3	50,650,410	9.58E-12	0.221	0.208				<i>CISH</i>	TSS1500
cg08272286	15	33,486,937	0.028764	0.221	0.207					
cg00192220	16	48,570,215	2.82E-13	0.221	0.200					
cg00332937	5	72,740,460	0.000616	0.221	0.166					
cg15160686	1	24,562,825	3.42E-09	0.221	0.217					
cg04316624	2	177,036,809	5.28E-05	0.221	0.203				<i>HOXD3</i>	Body
cg11430259	10	123,355,748	2.05E-05	0.221	0.191				<i>FGFR2</i>	5'UTR
cg13444518	9	135,466,773	3.6E-06	0.221	0.221					
cg15397593	12	2,273,119	7.75E-09	0.221	0.222				<i>CACNA1C</i>	Body
cg20559634	3	45,609,400	4.07E-06	0.221	0.213					
cg24334438	X	13,395,432	0.000118	0.221	0.252					
cg04492228	10	8,101,513	0.001544	0.221	0.223				<i>GATA3</i>	Body
cg19750282	6	43,670,519	2.52E-09	0.221	0.212					
cg24251218	11	10,347,429	2.44E-06	0.221	0.222					
cg03936495	17	59,539,251	5.15E-05	0.221	0.199				<i>TBX4</i>	Body
cg06252276	11	34,852,392	2.05E-26	0.221	0.221					
cg07276534	3	193,534,580	0.001092	0.221	0.208					
cg07892413	2	129,076,032	1.44E-06	0.221	0.180				<i>HS6ST1</i>	1stExon
cg11713658	4	148,652,434	4.43E-05	0.221	0.222				<i>ARHGAP10</i>	TSS1500
cg14007090	20	60,915,009	2.89E-12	0.221	0.209				<i>LAMA5</i>	Body
cg04945350	1	228,605,010	0.000621	0.221	0.246				<i>TRIM17</i>	TSS1500
cg10914899	13	25,290,781	3.37E-06	0.221	0.225					
cg17666539	19	7,927,207	1.45E-09	0.221	0.214				<i>EVI5L</i>	Body
cg23655970	14	37,126,582	0.000167	0.221	0.232				<i>PAX9</i>	TSS200

cg26316946	6	101,846,967	1.29E-06	0.221	0.198	0.00581339	0.047		<i>GRIK2</i>	1stExon
cg27196745	12	15,475,319	0.000739	0.221	0.177	2.22E-26	0.189		<i>PTPRO</i>	TSS200
cg09940675	1	54,742,754	3.46E-19	0.221	0.198				<i>SSBP3</i>	Body
cg23017915	3	149,374,535	0.007485	0.221	0.149				<i>WWTR1</i>	Body
cg07699845	8	38,068,205	1.35E-08	0.221	0.224				<i>BAG4</i>	3'UTR
cg11251135	17	1,863,911	5.72E-12	0.221	0.211				<i>RTN4RL1</i>	Body
cg27620317	7	25,900,768	0.001607	0.221	0.174					
cg04231050	3	133,191,297	2.47E-06	0.221	0.177				<i>BFSP2</i>	Body
cg26845297	4	85,422,409	0.004786	0.221	0.204					
cg14149988	9	139,048,519	0.003347	0.221	0.204					
cg15203566	5	115,697,446	1.94E-10	0.221	0.227					
cg18886245	6	50,792,868	0.014001	0.221	0.224				<i>TFAP2B</i>	Body
cg18958126	13	100,547,367	0.033455	0.221	0.139				<i>CLYBL</i>	3'UTR
cg27416261	9	35,406,590	6.83E-05	0.221	0.153				<i>LOC158381</i>	TSS200
cg03204678	6	26,614,535	0.047017	0.221	0.184					
cg03475821	14	105,288,120	4.83E-08	0.221	0.195				<i>MGC23270</i>	Body
cg11512289	4	165,898,912	1.51E-05	0.221	0.199				<i>TRIM61</i>	TSS200
cg05036173	2	108,994,528	2.4E-05	0.221	0.180				<i>SULT1C4</i>	5'UTR
cg17409313	20	42,876,939	0.000822	0.221	0.172				<i>GDAP1L1</i>	Body
cg01142526	5	177,541,754	0.004891	0.221	0.240				<i>N4BP3</i>	5'UTR
cg14517390	15	78,463,330	2.48E-10	0.221	0.218				<i>ACSBG1</i>	3'UTR
cg18604823	19	56,687,364	0.002475	0.221	0.286				<i>GALP</i>	TSS200
cg21766667	17	48,287,888	8.16E-05	0.221	0.189					
cg02212009	11	12,820,860	0.004231	0.221	0.138				<i>TEAD1</i>	Body
cg08203127	16	331,727	0.009983	0.221	0.265				<i>ARHGDIG</i>	Body
cg12098750	12	99,548,757	2.19E-10	0.221	0.196				<i>ANKS1B</i>	TSS1500
cg13633270	18	55,095,555	0.000758	0.221	0.216					
cg23034757	5	140,787,864	0.001657	0.221	0.238				<i>PCDHGA4</i>	Body
cg06708634	6	100,906,895	0.000814	0.221	0.159				<i>SIM1</i>	Body
cg18586823	5	114,525,702	0.00012	0.221	0.204					
cg13655803	17	48,912,764	5.05E-08	0.221	0.207				<i>WFIKKN2</i>	1stExon
cg18454299	15	44,959,064	1.21E-06	0.221	0.230				<i>PATL2</i>	Body
cg21285198	1	1,360,970	2.99E-12	0.221	0.228				<i>TMEM88B</i>	TSS1500
cg02116942	2	69,519,143	4.39E-12	0.221	0.221					

cg05113410	2	102,327,511	2.19E-08	0.221	0.213				<i>MAP4K4</i>	Body
cg09074113	2	20,870,087	1.66E-17	0.221	0.214				<i>GDF7</i>	Body
cg15528028	1	33,828,944	4.37E-05	0.221	0.217				<i>PHC2</i>	Body
cg17119907	12	117,797,116	4.94E-07	0.221	0.210				<i>NOS1</i>	5'UTR
cg18707489	14	104,690,151	1.2E-06	0.221	0.212					
cg25260137	8	65,282,185	0.014756	0.221	0.270					
cg27102297	16	88,966,903	5.87E-24	0.221	0.211				<i>CBFA2T3</i>	Body
cg05325193	20	22,558,233	0.035544	0.221	0.175				<i>C20orf56</i>	Body
cg10785340	5	134,715,577	8.55E-11	0.221	0.213				<i>H2AFY</i>	Body
cg19522511	3	105,073,077	2.67E-07	0.221	0.228					
cg27349333	10	5,406,971	0.015502	0.221	0.184				<i>UCN3</i>	TSS200
cg02916272	11	1,769,443	0.003483	0.221	0.193				<i>HCCA2</i>	Body
cg16328007	1	41,119,988	0.007485	0.221	0.266				<i>RIMS3</i>	5'UTR
cg02023167	11	19,264,191	5.09E-07	0.221	0.214					
cg04259326	1	167,599,124	0.00046	0.221	0.177				<i>RCSD1</i>	TSS1500
cg05651511	17	78,754,090	1.94E-10	0.221	0.216				<i>RPTOR</i>	Body
cg11977605	4	1,076,247	4.27E-05	0.221	0.283				<i>RNF212</i>	Body
cg00544337	10	82,116,203	0.000162	0.221	0.166				<i>DYDC2</i>	TSS1500
cg00793935	2	234,847,769	0.026163	0.221	0.227				<i>TRPM8</i>	Body
cg14215711	10	22,894,054	1.33E-09	0.221	0.217				<i>PIP4K2A</i>	Body
cg18751141	7	27,138,173	0.018074	0.221	0.251					
cg14206056	9	110,797,033	1.42E-11	0.221	0.204					
cg16604801	17	2,718,310	1.69E-05	0.221	0.174				<i>RAP1GAP2</i>	Body
cg25296938	7	98,976,900	8.05E-06	0.221	0.221				<i>ARPC1B</i>	5'UTR
cg04299135	11	129,244,441	0.001247	0.221	0.239				<i>BARX2</i>	TSS1500
cg00054210	8	65,711,644	0.000798	0.221	0.107				<i>CYP7B1</i>	TSS1500
cg05441133	10	48,416,891	1.18E-05	0.221	0.226	2.25E-07	0.070		<i>GDF2</i>	TSS200
cg16026922	4	41,259,044	0.000104	0.221	0.212				<i>UCHL1</i>	Body
cg00175709	1	207,670,014	0.001077	0.221	0.258				<i>CR1</i>	Body
cg03444722	2	112,375,854	2.63E-11	0.221	0.227					
cg08198193	5	81,146,787	1.56E-05	0.221	0.226					
cg18222759	14	22,989,081	2.97E-12	0.221	0.227					
cg24127874	2	239,149,859	0.019499	0.221	0.259	1.16E-07	0.136		<i>HES6</i>	TSS1500
cg24421906	18	11,947,936	0.004665	0.221	0.245					

cg24602417	8	102,236,283	1.64E-14	0.221	0.215						
cg09112081	16	29,796,620	3.19E-06	0.221	0.229						
cg10508760	1	166,853,789	0.021322	0.221	0.182						
cg15583029	10	134,446,066	6.25E-12	0.221	0.216					<i>INPP5A</i>	Body
cg25228169	15	72,489,416	5.41E-15	0.221	0.199					<i>GRAMD2</i>	Body
cg25962699	3	170,332,444	4.6E-05	0.221	0.191						
cg02574464	16	57,940,653	1.75E-07	0.221	0.257					<i>CNGB1</i>	Body
cg03310937	3	8,648,591	1.93E-06	0.221	0.181						
cg24173049	17	6,939,795	0.012292	0.221	0.107	8.75E-21	0.161			<i>SLC16A13</i>	1stExon
cg26534508	1	236,306,311	0.033604	0.221	0.084	2.26E-16	0.170			<i>GPR137B</i>	1stExon
cg11964338	19	52,847,185	5.16E-20	0.221	0.220					<i>ZNF610</i>	5'UTR
cg12610312	12	109,162,409	1.16E-05	0.221	0.187						
cg23856413	6	106,429,659	3.19E-06	0.221	0.205						
cg00059737	1	12,400,434	8.93E-13	0.221	0.222					<i>VPS13D</i>	Body
cg00597801	4	109,092,918	0.003496	0.221	0.234					<i>LOC641518</i>	TSS1500
cg15296664	12	89,748,773	4.5E-12	0.221	0.215						
cg12659606	6	33,215,807	0.002147	0.221	0.219						
cg27177841	1	213,125,950	4.66E-09	0.221	0.242					<i>VASH2</i>	Body
cg01416891	10	94,820,892	3.22E-06	0.221	0.194					<i>CYP26C1</i>	TSS200
cg21093033	8	141,468,743	0.035457	0.221	0.170					<i>TRAPPC9</i>	TSS1500
cg09803764	7	107,572,753	7.61E-12	0.221	0.231					<i>LAMB1</i>	Body
cg03011535	20	42,544,794	7.17E-06	0.221	0.235					<i>TOX2</i>	5'UTR
cg01750507	18	158,229	0.013761	0.221	0.178					<i>USP14</i>	TSS1500
cg08110272	12	108,733,321	0.002815	0.221	0.230					<i>CMKLR1</i>	TSS1500
cg09887323	1	6,348,460	1.13E-06	0.221	0.201					<i>ACOT7</i>	Body
cg13042487	14	104,181,393	0.008552	0.221	0.120	1.21E-15	0.119			<i>ZFYVE21</i>	TSS1500
cg14114377	19	45,756,845	1.07E-19	0.221	0.220					<i>MARK4</i>	Body
cg14322298	6	10,585,683	1.79E-07	0.221	0.228					<i>GCNT2</i>	Body
cg05588228	5	145,132,641	7.71E-05	0.221	0.115						
cg10147974	12	1,759,064	7.73E-07	0.221	0.221						
cg15335334	17	73,642,547	0.009005	0.221	0.161					<i>RECQL5</i>	Body
cg22126440	7	120,628,658	0.000271	0.221	0.162					<i>C7orf58</i>	TSS1500
cg08033998	14	69,714,389	7.23E-13	0.221	0.227				Yes		
cg00469602	2	172,955,930	0.001492	0.221	0.229						

cg07671949	6	152,128,338	0.009134	0.221	0.202	0.00567154	0.060		<i>ESR1</i>	TSS1500
cg01040654	5	172,663,219	1.1E-07	0.221	0.201				<i>NKX2-5</i>	TSS1500
cg21874193	12	11,174,898	8.74E-11	0.221	0.250	5.06E-14	0.227		<i>TAS2R19</i>	1stExon
cg02737384	10	45,470,199	0.04895	0.221	0.085				<i>RASSF4</i>	Body
cg07106394	14	104,372,286	5.12E-09	0.221	0.216					
cg03059420	6	30,923,241	0.007661	0.221	0.253					
cg19376973	2	42,229,025	1.03E-09	0.221	0.197					
cg27390220	3	45,268,523	1.3E-07	0.221	0.224	1.38E-12	0.140		<i>TMEM158</i>	TSS1500
cg02239862	3	33,260,743	0.013595	0.221	0.155				<i>SUSD5</i>	TSS200
cg06117072	6	50,791,385	7.26E-05	0.221	0.257				<i>TFAP2B</i>	Body
cg10385101	7	707,728	0.030123	0.221	0.181				<i>PRKAR1B</i>	Body
cg26144567	1	29,446,085	4.05E-19	0.221	0.213				<i>EPB41</i>	3'UTR
cg26514099	6	33,397,710	0.00026	0.221	0.256				<i>SYNGAP1</i>	Body
cg03483626	1	111,218,276	3.51E-08	0.221	0.215	8.13E-11	0.174		<i>KCNA3</i>	TSS1500
cg08748170	5	54,518,667	0.000144	0.221	0.207					
cg13283635	20	61,450,653	8.64E-11	0.221	0.226				<i>COL9A3</i>	Body
cg13555278	1	26,348,484	1.07E-11	0.221	0.216				<i>EXTL1</i>	1stExon
cg03655371	5	134,827,355	0.003452	0.221	0.157					
cg04702940	11	66,084,599	0.007127	0.221	0.265				<i>CD248</i>	TSS200
cg09760908	2	45,028,712	0.02179	0.221	0.237					
cg13636189	9	102,587,074	0.000713	0.221	0.159				<i>NR4A3</i>	5'UTR
cg14199723	8	145,051,795	7.43E-08	0.221	0.209				<i>PLEC1</i>	TSS1500
cg18416881	7	134,143,823	0.020267	0.221	0.175	8.32E-15	0.197		<i>AKR1B1</i>	5'UTR
cg25957451	2	73,512,148	6.55E-06	0.221	0.215					
cg02281167	6	30,140,113	1.52E-06	0.221	0.202				<i>TRIM15</i>	Body
cg18780769	3	194,118,985	0.000124	0.221	0.170				<i>GP5</i>	Body
cg19334350	7	157,406,737	9.56E-06	0.221	0.224				<i>PTPRN2</i>	Body
cg08847856	2	106,184,698	2.48E-10	0.221	0.226					
cg14568830	10	23,463,243	0.004649	0.221	0.152					
cg00259249	1	35,246,726	3.31E-05	0.221	0.178				<i>GJB3</i>	TSS200
cg15677384	7	96,648,043	0.01142	0.221	0.279					
cg20660171	2	43,455,046	0.000728	0.221	0.135				<i>ZFP36L2</i>	TSS1500
cg23547017	2	177,030,171	3.18E-06	0.221	0.166				<i>HOXD3</i>	5'UTR
cg25479916	6	27,841,392	0.047067	0.221	0.276				<i>HIST1H4L</i>	TSS200

cg08058894	20	42,544,178	0.049591	0.220	0.191				<i>TOX2</i>	TSS1500
cg19239040	7	35,298,664	2.3E-05	0.220	0.224					
cg00727590	22	31,536,549	2.02E-05	0.220	0.242				<i>PLA2G3</i>	TSS200
cg15345741	14	103,674,333	5.85E-06	0.220	0.182					
cg00498289	2	27,719,787	1.69E-14	0.220	0.221				<i>GCKR</i>	1stExon
cg12581592	11	13,984,043	0.001525	0.220	0.191				<i>SPON1</i>	1stExon
cg17578322	3	55,546,118	2.74E-05	0.220	0.161				<i>ERC2</i>	3'UTR
cg20454400	17	46,720,386	1.17E-06	0.220	0.234					
cg11414821	6	30,652,771	4.04E-06	0.220	0.216				<i>KIAA1949</i>	Body
cg13302994	2	210,714,233	0.002145	0.220	0.235				<i>UNC80</i>	Body
cg24871887	9	98,111,365	2.07E-06	0.220	0.191					
cg27499820	13	21,296,301	0.023751	0.220	0.087				<i>IL17D</i>	3'UTR
cg04623265	1	224,363,494	9.38E-17	0.220	0.216					
cg05929675	7	28,452,098	0.00066	0.220	0.146				<i>CREB5</i>	5'UTR
cg15765502	7	20,816,521	7.18E-06	0.220	0.206					
cg20003368	6	44,026,475	0.021508	0.220	0.303					
cg26029221	1	12,653,721	2.06E-13	0.220	0.201				<i>DHRS3</i>	Body
cg01952953	12	108,168,562	0.000348	0.220	0.212				<i>ASCL4</i>	1stExon
cg07769790	15	83,317,281	3.11E-05	0.220	0.213				<i>CPEB1</i>	TSS1500
cg13407335	17	7,832,852	3.8E-12	0.220	0.209				<i>KCNAB3</i>	TSS200
cg01703329	17	3,859,977	5.92E-10	0.220	0.232				<i>ATP2A3</i>	Body
cg21145938	8	38,795,218	0.00075	0.220	0.210				<i>PLEKHA2</i>	Body
cg26830291	10	88,392,088	0.012467	0.220	0.212					
cg08461339	2	241,459,227	3.97E-08	0.220	0.199				<i>ANKMY1</i>	Body
cg00737840	11	125,036,420	0.011005	0.220	0.124				<i>PKNOX2</i>	5'UTR
cg07320017	X	138,774,347	0.023887	0.220	0.235				<i>MCF2</i>	5'UTR
cg02624298	8	144,108,018	2.2E-06	0.220	0.202					
cg04198091	5	139,283,351	0.001019	0.220	0.257				<i>NRG2</i>	Body
cg04582294	10	88,022,744	0.003527	0.220	0.140				<i>GRID1</i>	Body
cg04803994	11	1,592,587	0.00791	0.220	0.249				<i>HCCA2</i>	Body
cg15336196	18	42,261,241	0.026566	0.220	0.137				<i>SETBP1</i>	5'UTR
cg05237470	X	31,526,531	0.008816	0.220	0.224				<i>DMD</i>	Body
cg18692678	12	114,838,772	0.008436	0.220	0.187				<i>TBX5</i>	Body
cg00296038	3	11,624,533	6.41E-23	0.220	0.205				<i>VGLL4</i>	Body

cg06822690	1	82,040,009	1.73E-10	0.220	0.200					
cg16198692	5	115,152,835	0.044769	0.220	0.027				<i>CDO1</i>	TSS1500
cg27136740	2	172,965,837	3.84E-06	0.220	0.211				<i>DLX2</i>	Body
cg27614534	18	56,296,496	4.25E-17	0.220	0.203				<i>ALPK2</i>	TSS1500
cg27634724	20	43,729,861	5.23E-06	0.220	0.211				<i>KCNS1</i>	TSS200
cg18071865	7	55,224,895	9.49E-09	0.220	0.203				<i>EGFR</i>	Body
cg02421172	7	1,938,701	1.75E-09	0.220	0.222				<i>MAD1L1</i>	Body
cg07920930	7	158,381,884	7.32E-11	0.220	0.193				<i>PTPRN2</i>	TSS1500
cg20590797	17	48,253,122	8.28E-07	0.220	0.263				<i>SGCA</i>	3'UTR
cg22185100	20	20,344,529	0.006461	0.220	0.162					
cg04829830	14	105,339,549	2.61E-14	0.220	0.204				<i>KIAA0284</i>	5'UTR
cg05118960	3	50,359,978	2.54E-23	0.220	0.223				<i>HYAL2</i>	5'UTR
cg16824301	1	182,573,155	0.001484	0.220	0.249				<i>RGS16</i>	Body
cg17158913	1	10,764,886	0.000758	0.220	0.118				<i>CASZ1</i>	5'UTR
cg06546202	8	143,387,265	7.46E-12	0.220	0.204				<i>TSNARE1</i>	Body
cg12960126	4	187,686,256	5.93E-15	0.220	0.198					
cg21550372	14	100,908,908	3.07E-05	0.220	0.222				<i>WDR25</i>	Body
cg23118721	8	94,133,100	5.49E-08	0.220	0.215					
cg16662451	17	18,647,507	5.54E-10	0.220	0.223				<i>FBXW10</i>	5'UTR
cg23340017	10	102,895,133	9.21E-07	0.220	0.204				<i>TLX1</i>	Body
cg07493197	17	53,573,969	1.75E-07	0.220	0.237					
cg25391117	5	34,043,284	4.95E-12	0.220	0.197				<i>C1QTNF3</i>	1stExon
cg05597836	7	96,655,566	2.72E-08	0.220	0.197				<i>DLX5</i>	TSS1500
cg23526298	12	5,620,971	0.017838	0.220	0.218					
cg27422759	11	69,970,464	1.87E-07	0.220	0.209				<i>ANO1</i>	Body
cg05085500	6	19,692,172	0.023177	0.220	0.219					
cg14648774	20	61,900,546	7.32E-05	0.220	0.185					
cg03454225	6	168,225,472	2.93E-12	0.220	0.202				<i>C6orf124</i>	Body
cg09088576	1	36,947,785	9.82E-10	0.220	0.212				<i>CSF3R</i>	5'UTR
cg16387532	5	124,747,822	0.046499	0.220	0.096					
cg12571423	13	37,006,748	0.000623	0.220	0.200	9.15E-28	0.170		<i>CCNA1</i>	5'UTR
cg12755421	11	6,342,214	3.18E-05	0.220	0.202				<i>PRKCDBP</i>	TSS1500
cg17548735	6	41,020,969	1.79E-10	0.220	0.201				<i>APOBEC2</i>	5'UTR
cg22389949	6	152,003,038	1.07E-08	0.220	0.218					

cg10608948	17	6,478,486	6.64E-08	0.220	0.202					
cg03193847	4	169,637,496	2.93E-09	0.220	0.225				<i>PALLD</i>	Body
cg21985690	5	79,330,669	1.24E-06	0.220	0.224				<i>THBS4</i>	TSS1500
cg02356993	15	27,111,476	4.41E-08	0.220	0.199				<i>GABRA5</i>	TSS1500
cg19389293	18	13,641,872	6.33E-05	0.220	0.187				<i>C18orf1</i>	Body
cg26970042	11	111,815,419	1.03E-11	0.220	0.218				<i>DIXDC1</i>	Body
cg04227238	6	29,894,005	5.41E-18	0.220	0.191				<i>HCG4P6</i>	TSS1500
cg15204594	19	16,531,632	2.91E-11	0.220	0.223				<i>EPS15L1</i>	Body
cg06997226	13	111,452,040	1.63E-06	0.220	0.207					
cg14227460	19	4,518,743	0.037056	0.220	0.236			Yes	<i>PLIN4</i>	TSS1500
cg06882591	19	34,397,628	5E-07	0.220	0.198					
cg07556059	1	29,449,513	2.33E-08	0.220	0.226				<i>TMEM200B</i>	5'UTR
cg11375458	2	177,003,996	1.38E-07	0.220	0.185					
cg20986832	1	226,150,312	0.000812	0.220	0.242					
cg25300694	2	151,184,358	0.018152	0.220	0.152					
cg03856949	12	51,318,042	0.002141	0.220	0.184				<i>METTL7A</i>	TSS1500
cg05110828	3	61,570,099	8.73E-20	0.220	0.214				<i>PTPRG</i>	Body
cg09371281	9	8,858,574	0.017693	0.220	0.164				<i>PTPRD</i>	5'UTR
cg14385362	9	127,054,095	4.63E-07	0.220	0.203				<i>NEK6</i>	TSS1500
cg14414903	2	240,171,712	6.59E-08	0.220	0.219				<i>HDAC4</i>	Body
cg20618826	10	81,148,896	1.56E-14	0.220	0.192				<i>ZCCHC24</i>	Body
cg15775138	7	127,744,389	0.049122	0.220	0.199					
cg16138458	6	27,841,120	0.011531	0.220	0.228				<i>HIST1H4L</i>	1stExon
cg19693158	19	56,596,642	2.71E-07	0.220	0.196					
cg03819089	2	66,298,217	6.74E-10	0.220	0.223					
cg04144533	1	206,681,983	1.05E-08	0.220	0.212				<i>RASSF5</i>	Body
cg06060522	20	44,782,039	0.007854	0.220	0.251					
cg13075279	12	125,333,267	7.2E-17	0.220	0.194				<i>SCARB1</i>	Body
cg03455107	17	54,509,207	1.01E-06	0.220	0.197				<i>ANKFN1</i>	Body
cg21459340	20	2,781,324	0.047409	0.220	0.138				<i>CPXM1</i>	TSS200
cg23497383	2	239,140,182	0.000432	0.220	0.209				<i>LOC151174</i>	Body
cg13971030	11	35,366,721	2.64E-13	0.220	0.223				<i>SLC1A2</i>	Body
cg18254356	5	43,044,573	0.001005	0.220	0.245				<i>LOC153684</i>	Body
cg26288502	8	10,421,582	3.07E-07	0.220	0.255					



cg07095637	7	2,079,008	1.57E-19	0.220	0.180				<i>MAD1L1</i>	Body
cg13107768	1	119,542,229	0.012645	0.220	0.197					
cg25722029	19	13,907,696	1.95E-08	0.220	0.168				<i>ZSWIM4</i>	Body
cg03252313	7	148,117,075	8.7E-13	0.220	0.207				<i>CNTNAP2</i>	3'UTR
cg12636499	10	105,408,599	1.11E-08	0.220	0.202				<i>SH3PXD2A</i>	Body
cg13957043	4	100,174,038	4.36E-10	0.220	0.225					
cg11817961	1	39,025,469	0.023314	0.220	0.162					
cg07733851	5	142,781,498	0.004536	0.220	0.131				<i>NR3C1</i>	5'UTR
cg07812715	12	117,483,086	4.15E-10	0.220	0.168				<i>TESC</i>	Body
cg07281318	7	6,575,968	0.003885	0.220	0.255				<i>GRID2IP</i>	Body
cg10634136	2	202,901,470	7.7E-06	0.220	0.218				<i>FZD7</i>	1stExon
cg26127479	6	39,070,179	3.75E-08	0.220	0.213					
cg26978698	4	145,567,592	0.003059	0.220	0.121				<i>HHIP</i>	1stExon
cg05779675	16	50,637,092	5.55E-13	0.220	0.209				<i>NKD1</i>	Body
cg12024292	9	120,177,979	0.000177	0.220	0.187	2.07E-20	0.165		<i>ASTN2</i>	TSS1500
cg19611013	22	50,915,586	1.09E-10	0.220	0.208					
cg20669292	17	40,823,420	7.75E-06	0.220	0.192				<i>PLEKHH3</i>	Body
cg24392955	12	54,454,325	2.73E-12	0.220	0.192				<i>FLJ12825</i>	Body
cg02961101	16	48,533,155	1.7E-05	0.220	0.196					
cg17017317	1	4,645,438	0.021779	0.220	0.292					
cg10553204	2	20,871,195	1.61E-16	0.220	0.198				<i>GDF7</i>	3'UTR
cg20791593	2	242,751,796	1.73E-07	0.220	0.214	2.86E-11	0.090		<i>NEU4</i>	TSS1500
cg11518509	1	114,525,428	1.7E-33	0.220	0.210					
cg04370247	10	126,308,552	1.16E-10	0.220	0.197				<i>FAM53B</i>	3'UTR
cg08986840	8	38,409,865	2.32E-08	0.220	0.208					
cg21225548	9	100,864,335	0.000735	0.220	0.150				<i>TRIM14</i>	Body
cg15890075	17	18,011,923	3E-17	0.220	0.198				<i>MYO15A</i>	TSS200
cg18208602	18	10,488,229	0.002373	0.220	0.213				<i>APCDD1</i>	3'UTR
cg17438155	7	73,038,045	0.004171	0.220	0.227				<i>MLXIPL</i>	Body
cg10552446	2	66,809,923	0.000929	0.220	0.228					
cg15673955	2	173,787,028	2.45E-06	0.220	0.195				<i>RAPGEF4</i>	Body
cg24112713	14	21,494,093	2.67E-05	0.220	0.212				<i>NDRG2</i>	TSS1500
cg06132502	15	71,145,127	1.88E-09	0.220	0.200				<i>LARP6</i>	Body
cg12754421	11	105,480,790	0.003594	0.220	0.227				<i>GRIA4</i>	TSS200

cg00301795	1	200,195,818	0.020834	0.220	0.266					
cg10695490	19	49,659,299	8.26E-13	0.220	0.202				<i>HRC</i>	TSS1500
cg12165215	17	35,277,398	0.001249	0.220	0.164					
cg23559689	11	105,481,292	0.02223	0.220	0.258				<i>GRIA4</i>	5'UTR
cg05774978	1	146,649,842	0.010506	0.220	0.209				<i>PDIA3P</i>	Body
cg19871388	20	50,419,082	1.08E-06	0.220	0.186				<i>SALL4</i>	TSS200
cg12947833	11	111,783,499	6.44E-05	0.220	0.246				<i>HSPB2</i>	5'UTR
cg24422029	10	18,549,378	2.29E-12	0.220	0.202				<i>CACNB2</i>	Body
cg07245678	2	85,641,254	0.039889	0.220	0.324					
cg14774117	6	44,310,005	5.46E-10	0.220	0.208				<i>SPATS1</i>	TSS1500
cg24698655	6	28,557,774	0.000581	0.220	0.188					
cg13997645	11	15,136,475	0.024128	0.220	0.253				<i>INSC</i>	TSS200
cg09086087	16	68,000,763	8.83E-11	0.220	0.196				<i>SLC12A4</i>	1stExon
cg27405400	2	127,839,539	7.92E-06	0.220	0.214				<i>BIN1</i>	Body
cg01670677	11	71,955,322	0.027463	0.220	0.288				<i>PHOX2A</i>	TSS200
cg03665785	22	29,458,676	1.39E-07	0.220	0.223	6.39E-13	0.216		<i>C22orf31</i>	TSS1500
cg09287650	10	29,981,216	1.08E-19	0.220	0.224				<i>SVIL</i>	5'UTR
cg02361878	1	165,326,327	2.91E-10	0.220	0.193				<i>LMX1A</i>	TSS1500
cg08029978	6	28,784,801	0.04174	0.220	0.325					
cg21293464	11	66,885,276	0.000104	0.220	0.202				<i>KDM2A</i>	TSS1500
cg26312807	3	127,057,048	3.16E-06	0.220	0.192					
cg04789403	15	80,271,218	2.15E-07	0.220	0.236					
cg06204755	17	70,484,432	1.02E-05	0.220	0.152					
cg10585661	3	184,056,618	2.09E-09	0.220	0.186				<i>FAM131A</i>	5'UTR
cg16353318	16	81,564,161	3.17E-05	0.220	0.202				<i>CMIP</i>	Body
cg24849648	7	120,964,019	1.03E-06	0.220	0.167	1.08E-07	0.128		<i>WNT16</i>	TSS1500
cg02876293	7	157,456,001	6.94E-12	0.220	0.180				<i>PTPRN2</i>	Body
cg07409292	4	90,228,685	2.25E-05	0.220	0.147				<i>GPRIN3</i>	5'UTR
cg15869071	4	2,798,158	0.019866	0.220	0.085				<i>SH3BP2</i>	5'UTR
cg26341831	1	226,036,279	0.000463	0.220	0.161				<i>TMEM63A</i>	Body
cg01580681	4	174,450,016	0.002965	0.220	0.231	1.49E-08	0.133		<i>HAND2</i>	1stExon
cg06478457	7	29,604,764	0.015825	0.220	0.169				<i>PRR15</i>	5'UTR
cg07064711	8	117,950,335	0.026126	0.220	0.138				<i>C8orf85</i>	TSS200
cg14813083	11	18,477,280	0.000342	0.220	0.175	1.24E-08	0.128		<i>LDHAL6A</i>	TSS200

cg01299332	5	79,406,275	5.86E-08	0.220	0.229					
cg18182148	1	92,952,533	6.63E-06	0.220	0.190				<i>GFI1</i>	TSS1500
cg00905746	2	857,746	0.001908	0.220	0.212					
cg04368971	14	94,917,779	0.000442	0.220	0.213				<i>SERPINA11</i>	5'UTR
cg09543819	6	49,881,441	0.043144	0.220	0.187					
cg17510278	20	21,696,115	0.006037	0.220	0.260				<i>PAX1</i>	3'UTR
cg10862535	19	46,526,483	2.25E-07	0.220	0.190	1.64E-08	0.086		<i>PGLYRP1</i>	TSS200
cg17806162	1	2,472,133	1.34E-05	0.220	0.213					
cg20689476	4	6,385,854	0.007678	0.220	0.209				<i>PPP2R2C</i>	Body
cg03593823	1	240,690,404	1.99E-06	0.220	0.212				<i>GREM2</i>	5'UTR
cg14155193	9	129,148,742	1.21E-10	0.220	0.214				<i>FAM125B</i>	Body
cg03043665	1	3,615,762	3.09E-06	0.220	0.213				<i>TP73</i>	Body
cg03186851	17	44,896,748	0.004059	0.220	0.272				<i>WNT3</i>	TSS1500
cg07982740	20	44,410,114	2.08E-11	0.220	0.215				<i>WFDC3</i>	Body
cg10544251	1	156,215,727	0.02821	0.220	0.154				<i>PAQR6</i>	5'UTR
cg26220594	1	19,110,978	0.022196	0.220	0.218					
cg08594888	12	53,183,773	0.001717	0.220	0.205				<i>KRT3</i>	3'UTR
cg26588612	6	148,562,337	1.17E-17	0.220	0.226					
cg03274456	11	62,273,116	2.33E-10	0.220	0.213				<i>AHNAK</i>	Body
cg03532263	14	103,012,356	0.001691	0.220	0.182					
cg03700024	2	74,666,700	1.99E-06	0.220	0.221				<i>RTKN</i>	Body
cg16563187	16	85,730,606	5.77E-09	0.220	0.223					
cg26576398	10	18,550,135	3.69E-09	0.220	0.197				<i>CACNB2</i>	1stExon
cg01947583	4	8,310,999	9.03E-10	0.219	0.209					
cg22191981	6	41,472,382	0.002393	0.219	0.176					
cg26698460	19	58,716,004	1.38E-13	0.219	0.230				<i>ZNF274</i>	Body
cg13904874	9	89,411,000	1.89E-09	0.219	0.202					
cg24931346	1	22,979,546	5.47E-15	0.219	0.212				<i>C1QB</i>	TSS200
cg10918171	6	170,601,120	0.042172	0.219	0.157				<i>DLL1</i>	TSS1500
cg13933734	1	119,550,484	0.000929	0.219	0.199					
cg08966889	6	52,440,429	4.79E-10	0.219	0.205				<i>TRAM2</i>	Body
cg09547119	19	52,391,367	0.034482	0.219	0.208				<i>ZNF577</i>	TSS200
cg09833911	16	88,701,212	2.95E-07	0.219	0.195					
cg24063856	17	43,863,303	0.000199	0.219	0.128				<i>CRHR1</i>	Body

cg24680629	5	177,535,066	5.4E-09	0.219	0.229					
cg26275647	7	114,648,973	6.4E-05	0.219	0.181				<i>MDFIC</i>	Body
cg09706122	12	54,071,165	0.015127	0.219	0.184				<i>ATP5G2</i>	TSS1500
cg09887059	12	113,916,664	0.003382	0.219	0.221					
cg08958168	16	68,001,415	3.2E-11	0.219	0.190				<i>SLC12A4</i>	Body
cg11241663	2	66,810,341	0.014457	0.219	0.243					
cg14349977	4	187,219,430	0.029165	0.219	0.306					
cg14785392	5	61,180,442	1.18E-06	0.219	0.167					
cg18956714	13	97,646,803	0.011495	0.219	0.282				<i>OXGR1</i>	TSS200
cg01404873	13	50,701,050	3.23E-12	0.219	0.195				<i>DLEU2</i>	TSS1500
cg07848409	3	172,166,987	0.016458	0.219	0.296				<i>GHSR</i>	TSS1500
cg09719269	12	125,033,803	0.004326	0.219	0.186					
cg12103152	6	78,173,200	0.016409	0.219	0.201				<i>HTR1B</i>	TSS200
cg13785196	1	32,646,858	0.000142	0.219	0.192				<i>TXLNA</i>	Body
cg16867777	21	32,932,073	0.0012	0.219	0.145				<i>TIAM1</i>	TSS1500
cg22851200	7	100,465,833	4.7E-14	0.219	0.210				<i>TRIP6</i>	Body
cg27398401	1	56,976,548	3.55E-06	0.219	0.206				<i>PPAP2B</i>	Body
cg11129008	3	181,428,647	7.57E-06	0.219	0.205				<i>SOX2OT</i>	Body
cg11847636	19	50,015,523	7.21E-18	0.219	0.219				<i>FCGRT</i>	TSS200
cg18674643	4	154,713,748	0.026284	0.219	0.262					
cg19951244	5	172,672,766	0.000254	0.219	0.258					
cg11678896	4	568,514	0.03275	0.219	0.233					
cg24496666	1	78,511,979	0.000104	0.219	0.205	1.62E-13	0.184		<i>GIPC2</i>	1stExon
cg23098599	19	15,235,953	0.004018	0.219	0.165				<i>ILVBL</i>	5'UTR
cg21324456	20	50,248,076	2.39E-06	0.219	0.249				<i>ATP9A</i>	Body
cg09119967	20	9,494,838	1.36E-05	0.219	0.193	1.55E-07	0.087		<i>C20orf103</i>	TSS1500
cg20803293	1	110,254,709	2.12E-07	0.219	0.189				<i>GSTM5</i>	TSS200
cg08879365	12	106,066,082	0.002079	0.219	0.125					
cg02195680	16	28,519,566	5.4E-08	0.219	0.225				<i>IL27</i>	TSS1500
cg16200879	19	4,326,975	5.7E-06	0.219	0.232				<i>STAP2</i>	Body
cg10609310	8	38,722,935	0.000304	0.219	0.192					
cg03121281	7	96,627,253	0.024925	0.219	0.231				<i>DLX6AS</i>	Body
cg05142617	2	95,690,821	2.63E-05	0.219	0.218				<i>MAL</i>	TSS1500
cg24878115	19	18,545,062	0.005723	0.219	0.084				<i>SSBP4</i>	3'UTR

cg01613010	7	20,835,627	7.54E-09	0.219	0.214					
cg04811512	20	21,686,080	0.001162	0.219	0.189				<i>PAX1</i>	TSS1500
cg13878010	3	123,167,276	0.011289	0.219	0.253	3.93E-08	0.137		<i>ADCY5</i>	1stExon
cg05736768	8	105,479,248	0.025555	0.219	0.211				<i>DPYS</i>	1stExon
cg00971695	14	65,169,664	1.35E-08	0.219	0.182					
cg03740216	19	10,397,561	0.000613	0.219	0.229	6.57E-18	0.148		<i>ICAM4</i>	TSS200
cg04505845	6	170,553,549	1.58E-05	0.219	0.190					
cg14499058	8	141,129,321	0.000103	0.219	0.233				<i>TRAPPC9</i>	Body
cg06870213	6	55,444,335	2.98E-06	0.219	0.162				<i>HMGCLL1</i>	TSS1500
cg13307880	5	140,744,367	0.02289	0.219	0.225				<i>PCDHGA4</i>	Body
cg14021133	7	20,834,283	1.27E-06	0.219	0.208					
cg21269897	6	27,107,002	2.72E-05	0.219	0.210	5.33E-09	0.119		<i>HIST1H2BK</i>	3'UTR
cg00805880	1	203,045,044	0.011514	0.219	0.136				<i>PPFIA4</i>	Body
cg01106926	4	13,539,255	0.011693	0.219	0.298					
cg18361098	14	37,136,391	0.007556	0.219	0.154				<i>PAX9</i>	Body
cg03609488	12	12,044,761	2E-13	0.219	0.201				<i>ETV6</i>	3'UTR
cg12062282	19	49,524,228	0.011285	0.219	0.261					
cg12731773	11	846,055	9.38E-27	0.219	0.218				<i>TSPAN4</i>	5'UTR
cg19518104	8	70,981,345	4.01E-06	0.219	0.206				<i>PRDM14</i>	Body
cg26630171	19	3,459,270	2.84E-13	0.219	0.227				<i>NFIC</i>	Body
cg03319497	5	145,722,730	0.000891	0.219	0.216					
cg19244428	6	3,229,233	0.041584	0.219	0.282				<i>TUBB2B</i>	TSS1500
cg20564283	8	49,469,560	0.005978	0.219	0.218					
cg04751149	2	66,673,449	2.41E-05	0.219	0.215				<i>MEIS1</i>	Body
cg08009275	17	79,790,191	6.32E-30	0.219	0.206				<i>FAM195B</i>	5'UTR
cg20194973	22	50,524,676	2.44E-05	0.219	0.189				<i>MLC1</i>	TSS1500
cg01513063	17	75,470,567	2.22E-05	0.219	0.174				<i>SEPT9</i>	Body
cg02382400	20	3,218,487	1.47E-20	0.219	0.207				<i>SLC4A11</i>	TSS200
cg05141333	8	145,048,363	3.08E-21	0.219	0.211				<i>PLEC1</i>	Body
cg23338993	2	234,600,423	4.94E-09	0.219	0.190				<i>UGT1A10</i>	Body
cg03101021	7	126,891,319	0.008794	0.219	0.296				<i>GRM8</i>	5'UTR
cg04671932	7	79,082,898	0.005417	0.219	0.186				<i>MAGI2</i>	TSS200
cg05719612	10	18,629,545	0.005101	0.219	0.162				<i>CACNB2</i>	Body
cg12348202	7	158,381,023	6.46E-32	0.219	0.209				<i>PTPRN2</i>	TSS1500

cg12998503	4	184,177,628	1.24E-06	0.219	0.237				WWC2	Body
cg14503636	13	113,611,556	1.79E-17	0.219	0.215					
cg08764162	10	31,147,088	4.5E-12	0.219	0.227				ZNF438	Body
cg22044002	10	94,825,547	0.003611	0.219	0.092				CYP26C1	Body
cg07793033	16	85,256,423	5.23E-13	0.219	0.210					
cg11070059	7	96,626,399	0.035546	0.219	0.230				DLX6AS	Body
cg11382529	8	65,490,613	0.041189	0.219	0.165				LOC401463	TSS1500
cg14021168	17	8,242,177	5.94E-18	0.219	0.199				ODF4	TSS1500
cg23000806	8	48,854,968	0.014792	0.219	0.098				PRKDC	Body
cg20374595	13	100,627,956	0.000441	0.219	0.204					
cg12399687	15	66,949,579	2.1E-11	0.219	0.233					
cg15106134	3	181,428,466	3.27E-06	0.219	0.215				SOX2OT	Body
cg25560247	6	31,832,173	7.39E-09	0.219	0.188				NEU1	TSS1500
cg11479156	11	70,672,388	1.8E-14	0.219	0.193				SHANK2	Body
cg00271210	6	167,070,053	1.37E-07	0.219	0.160				RPS6KA2	Body
cg18697632	5	77,140,985	0.006703	0.219	0.234					
cg24324985	20	22,566,884	2E-05	0.219	0.211				FOXA2	TSS1500
cg03787603	7	101,768,610	4.83E-09	0.219	0.221				CUX1	Body
cg15989981	13	20,736,009	1.31E-05	0.219	0.197				GJA3	TSS1500
cg22970173	22	41,637,080	6.97E-08	0.219	0.198				CHADL	TSS200
cg10919664	6	28,945,322	3.31E-05	0.219	0.208					
cg12408601	6	27,841,665	0.044671	0.219	0.249				HIST1H4L	TSS1500
cg26461855	6	30,695,686	1.57E-13	0.219	0.210				FLOT1	3'UTR
cg07610192	2	131,130,423	0.038749	0.219	0.185				PTPN18	Body
cg05395187	12	124,913,717	6.05E-20	0.219	0.213				NCOR2	Body
cg15076318	6	32,847,788	8.15E-06	0.219	0.253				PPP1R2P1	Body
cg26710891	17	2,324,923	1.45E-06	0.219	0.242				METT10D	Body
cg04872675	12	108,983,234	0.006315	0.219	0.237					
cg10529613	14	25,287,305	0.006779	0.219	0.234				STXBP6	Body
cg07665260	20	42,544,086	0.026952	0.219	0.144				TOX2	TSS1500
cg16750777	16	50,583,441	1.43E-11	0.219	0.212				NKD1	Body
cg20927731	15	74,726,561	0.001551	0.219	0.133				SEMA7A	TSS1500
cg11071231	8	57,069,907	0.013398	0.219	0.120					
cg03425110	10	71,333,037	0.02002	0.219	0.248	0.0000412	0.089		NEUROG3	5'UTR

cg13866253	11	77,093,001	1.7E-15	0.219	0.220				<i>PAK1</i>	Body
cg15556591	4	1,027,967	1.65E-07	0.219	0.203					
cg23247185	3	14,530,356	6.29E-06	0.219	0.250				<i>SLC6A6</i>	3'UTR
cg13508175	10	88,296,364	0.000843	0.219	0.192					
cg27016494	7	96,651,586	8.67E-10	0.219	0.208	0.00106596	0.064		<i>DLX5</i>	Body
cg12930100	3	181,428,697	1.23E-06	0.219	0.202				<i>SOX20T</i>	Body
cg21771463	3	44,626,400	0.007285	0.219	0.093				<i>ZNF660</i>	TSS200
cg01344171	6	43,612,647	1.17E-07	0.219	0.194	1.47E-15	0.173		<i>RSPH9</i>	TSS200
cg14188840	7	27,220,398	1.24E-10	0.219	0.202				<i>HOXA10</i>	TSS1500
cg17065262	17	27,506,097	0.033603	0.219	0.124				<i>MYO18A</i>	5'UTR
cg00407944	9	139,424,152	1.03E-12	0.219	0.196				<i>NOTCH1</i>	Body
cg08202144	8	1,004,177	0.001666	0.219	0.209					
cg27577993	7	151,454,795	6.87E-10	0.219	0.224				<i>PRKAG2</i>	Body
cg07047653	12	50,344,626	3.15E-22	0.219	0.204	0.00019757	0.044		<i>AQP2</i>	1stExon
cg10027723	1	51,888,574	4.63E-11	0.219	0.203				<i>EPS15</i>	TSS1500
cg12041056	22	27,053,247	0.04812	0.219	0.188				<i>MIAT</i>	TSS1500
cg08134091	6	11,213,750	4.07E-14	0.219	0.223				<i>NEDD9</i>	Body
cg16706389	10	1,568,812	0.000745	0.219	0.165				<i>ADARB2</i>	Body
cg18255353	4	154,712,422	0.040354	0.219	0.209					
cg24824371	7	158,075,968	5.73E-14	0.219	0.227				<i>PTPRN2</i>	Body
cg07608565	19	55,595,022	2.71E-11	0.219	0.205				<i>EPS8L1</i>	Body
cg24088496	11	96,071,506	1.51E-07	0.219	0.214				<i>MAML2</i>	Body
cg25824509	3	42,701,690	1.63E-05	0.219	0.256				<i>ZBTB47</i>	Body
cg26827533	8	22,458,122	3.32E-10	0.219	0.222				<i>C8orf58</i>	Body
cg01948850	3	11,651,536	1.84E-18	0.219	0.194				<i>VGLL4</i>	Body
cg06325209	1	162,602,217	1.52E-08	0.219	0.213				<i>DDR2</i>	TSS200
cg12929809	12	98,150,305	3.87E-06	0.219	0.227					
cg13560452	6	137,813,584	5.58E-06	0.219	0.213				<i>OLIG3</i>	1stExon
cg15223899	22	24,891,158	0.003054	0.219	0.246				<i>C22orf45</i>	TSS1500
cg16301004	10	106,082,537	0.003215	0.219	0.215				<i>ITPRIP</i>	5'UTR
cg21829328	22	24,188,134	4.74E-05	0.219	0.267					
cg06015218	6	146,350,434	0.004175	0.219	0.186	4.56E-20	0.140		<i>GRM1</i>	5'UTR
cg07838048	16	70,720,440	1.31E-11	0.219	0.196				<i>MTSS1L</i>	TSS1500
cg07272264	12	101,111,683	0.011881	0.219	0.256					

cg23379208	6	30,522,674	6.16E-13	0.219	0.203				<i>GNL1</i>	Body
cg17825384	1	31,380,853	0.00972	0.219	0.204				<i>SDC3</i>	Body
cg21085701	19	12,033,228	2.97E-10	0.219	0.207					
cg00736406	16	23,504,930	1.18E-08	0.219	0.222				<i>GGA2</i>	Body
cg20670946	12	122,502,170	6.22E-10	0.219	0.206					
cg23547157	12	133,199,323	2.99E-10	0.219	0.215					
cg14391586	20	62,681,296	0.024218	0.219	0.270				<i>SOX18</i>	TSS1500
cg00148862	2	1,286,394	0.000134	0.219	0.141				<i>SNTG2</i>	Body
cg02509058	5	2,753,746	0.00997	0.219	0.271				<i>C5orf38</i>	Body
cg08454507	17	78,755,406	9.41E-13	0.219	0.215				<i>RPTOR</i>	Body
cg13901675	9	109,460,023	6.06E-20	0.219	0.199					
cg19084629	12	117,407,879	2.41E-32	0.219	0.218				<i>FBXW8</i>	Body
cg02391509	3	27,766,382	0.002892	0.219	0.265					
cg07333191	4	13,526,769	0.017696	0.219	0.235					
cg25461801	13	100,630,316	0.000473	0.219	0.209					
cg10670430	3	196,755,688	4.74E-10	0.219	0.200				<i>MF12</i>	Body
cg03834567	2	218,808,745	8.17E-19	0.219	0.213				<i>TNS1</i>	1stExon
cg16533767	2	23,736,552	0.000572	0.219	0.193				<i>KLHL29</i>	5'UTR
cg25534244	17	53,341,098	5.23E-09	0.219	0.186				<i>HLF</i>	TSS1500
cg00902823	17	71,162,349	0.013187	0.219	0.138				<i>SSTR2</i>	5'UTR
cg13726724	X	47,483,268	0.039925	0.219	0.064					
cg08145373	11	2,407,008	5.78E-15	0.219	0.202				<i>CD81</i>	Body
cg10179300	5	14,147,618	5.49E-06	0.219	0.158				<i>TRIO</i>	Body
cg11621464	19	41,120,268	5.38E-08	0.219	0.179				<i>LTBP4</i>	Body
cg24024056	10	102,415,556	0.038691	0.219	0.175					
cg02744113	2	73,147,030	0.000775	0.219	0.181				<i>EMX1</i>	Body
cg14482569	11	130,185,651	7.15E-10	0.219	0.213				<i>ZBTB44</i>	TSS1500
cg01408486	5	139,027,024	3.12E-08	0.219	0.183				<i>CXXC5</i>	TSS1500
cg06654537	13	100,641,317	0.000722	0.219	0.181					
cg15172053	8	105,342,214	5.85E-07	0.219	0.205					
cg18144593	2	71,116,411	0.010996	0.219	0.216					
cg00182758	17	43,047,971	0.001042	0.219	0.187					
cg00980060	1	14,849,511	8.77E-06	0.219	0.212			Yes		
cg16617366	18	46,064,816	0.000571	0.219	0.099				<i>KIAA0427</i>	TSS1500



cg23699274	12	40,618,284	0.001951	0.219	0.172				<i>LRRK2</i>	TSS1500
cg10016788	19	55,599,029	9.34E-07	0.219	0.211				<i>EPS8L1</i>	3'UTR
cg12140975	1	33,351,568	0.014846	0.219	0.237				<i>HPCA</i>	TSS1500
cg23621496	1	211,667,487	6.56E-34	0.219	0.211			Yes	<i>RD3</i>	TSS1500
cg05852760	7	23,508,224	0.040024	0.219	0.275				<i>IGF2BP3</i>	Body
cg22344631	2	177,012,133	7.03E-06	0.219	0.174					
cg21216477	12	54,440,773	5.62E-05	0.219	0.191				<i>HOXC4</i>	5'UTR
cg13850355	4	47,034,939	0.049851	0.219	0.241				<i>GABRB1</i>	Body
cg14093255	9	14,081,508	7.66E-09	0.219	0.188					
cg20553124	6	36,253,157	0.001843	0.219	0.216				<i>PNPLA1</i>	5'UTR
cg04787888	16	86,547,322	0.00201	0.219	0.215				<i>FOXF1</i>	3'UTR
cg05451094	17	26,557,385	4.85E-07	0.219	0.199					
cg20257866	8	134,203,235	0.000228	0.219	0.248				<i>WISP1</i>	TSS200
cg07685869	16	57,836,706	0.000469	0.218	0.192	1.2191E-05	0.081		<i>KIFC3</i>	TSS1500
cg10604168	15	65,360,370	0.035171	0.218	0.111	4.41E-16	0.140		<i>RASL12</i>	5'UTR
cg23987137	5	58,653,624	4.07E-08	0.218	0.222				<i>PDE4D</i>	Body
cg26140475	8	126,525,558	0.002119	0.218	0.205					
cg02516189	9	139,268,092	4.75E-11	0.218	0.216	3.94E-22	0.153		<i>CARD9</i>	1stExon
cg04158698	1	201,523,041	1.58E-09	0.218	0.213					
cg11393995	6	2,842,359	0.019276	0.218	0.195				<i>SERPINB1</i>	TSS1500
cg18628367	7	157,475,548	8.26E-06	0.218	0.200				<i>PTPRN2</i>	Body
cg01616178	8	41,755,140	0.037745	0.218	0.147				<i>ANK1</i>	TSS1500
cg21289397	8	41,510,988	0.029817	0.218	0.287				<i>ANK1</i>	3'UTR
cg21752517	11	74,951,359	1.74E-05	0.218	0.173					
cg24766308	5	147,162,432	0.036432	0.218	0.180				<i>JAKMIP2</i>	TSS200
cg03137071	8	49,496,369	8.46E-10	0.218	0.221					
cg13060157	1	113,286,610	0.016431	0.218	0.177					
cg13565138	9	91,614,156	9.82E-15	0.218	0.209				<i>S1PR3</i>	5'UTR
cg21042919	17	36,621,139	7.03E-06	0.218	0.223				<i>ARHGAP23</i>	Body
cg03160935	9	132,242,593	4.06E-07	0.218	0.226					
cg05501320	8	75,263,248	0.001588	0.218	0.148				<i>GDAP1</i>	Body
cg13490235	1	217,004,524	2.14E-06	0.218	0.181				<i>ESRRG</i>	5'UTR
cg19806642	5	178,422,140	0.036466	0.218	0.255				<i>GRM6</i>	TSS200
cg18088442	18	43,355,547	9.5E-05	0.218	0.192					

cg02657654	2	45,154,029	3.4E-06	0.218	0.224					
cg12461141	11	5,710,654	1.03E-07	0.218	0.229	0.00018243	0.099		<i>TRIM22</i>	TSS1500
cg17290213	11	65,344,355	4.14E-10	0.218	0.213				<i>EHBP1L1</i>	Body
cg23350294	8	57,359,992	0.001246	0.218	0.235				<i>PENK</i>	TSS1500
cg23740610	17	72,257,002	2.7E-11	0.218	0.222				<i>TTYH2</i>	3'UTR
cg02705759	4	7,283,005	0.002454	0.218	0.152				<i>SORCS2</i>	Body
cg26184501	17	48,139,723	4.58E-16	0.218	0.194				<i>ITGA3</i>	Body
cg03217729	16	11,222,890	7.43E-10	0.218	0.210				<i>CLEC16A</i>	Body
cg05755899	17	80,794,139	2.99E-05	0.218	0.190				<i>TBCD</i>	Body
cg12279419	6	33,943,662	2.09E-06	0.218	0.208					
cg21325822	3	154,497,591	0.000431	0.218	0.230					
cg09025327	1	9,309,004	7.08E-10	0.218	0.232				<i>H6PD</i>	Body
cg26519184	21	43,237,089	0.02272	0.218	0.288				<i>PRDM15</i>	Body
cg27297263	6	86,160,468	0.008582	0.218	0.249				<i>NT5E</i>	Body
cg18175809	3	62,355,525	0.023052	0.218	0.272				<i>FEZF2</i>	3'UTR
cg24402975	19	1,009,732	1.82E-21	0.218	0.192				<i>C19orf6</i>	3'UTR
cg09980058	19	18,898,325	0.000491	0.218	0.227				<i>COMP</i>	Body
cg16551732	4	169,799,087	0.028296	0.218	0.111				<i>PALLD</i>	Body
cg00857921	1	92,257,380	2.29E-13	0.218	0.220				<i>TGFBR3</i>	Body
cg11385338	7	63,250,817	0.000175	0.218	0.238					
cg12097883	17	62,774,939	0.008532	0.218	0.124				<i>LOC146880</i>	Body
cg17510121	6	35,182,910	8.2E-10	0.218	0.210				<i>SCUBE3</i>	Body
cg13869942	1	151,878,061	1.02E-08	0.218	0.198				<i>THEM4</i>	Body
cg21062347	11	62,783,543	5.5E-09	0.218	0.222	1.19E-08	0.092		<i>SLC22A8</i>	TSS1500
cg23864949	8	99,984,534	2.35E-05	0.218	0.232					
cg02108620	3	42,002,230	3.4E-10	0.218	0.227				<i>ULK4</i>	5'UTR
cg09665332	1	67,022,173	1.69E-06	0.218	0.211				<i>SGIP1</i>	Body
cg01020413	2	66,810,487	0.000172	0.218	0.220					
cg18164305	11	4,212,446	1.06E-06	0.218	0.195					
cg24598145	8	1,955,069	4.79E-05	0.218	0.215				<i>KBTBD11</i>	3'UTR
cg03653026	9	135,115,118	3.19E-05	0.218	0.192				<i>NTNG2</i>	Body
cg09735723	10	106,402,042	0.012645	0.218	0.163				<i>SORCS3</i>	Body
cg14542839	11	35,547,074	0.000104	0.218	0.179	4.79E-16	0.164		<i>PAMR1</i>	1stExon
cg00364016	6	10,113,648	2.73E-06	0.218	0.223					

cg12068280	19	46,804,528	4E-08	0.218	0.202				<i>HIF3A</i>	5'UTR
cg13137458	11	77,160,347	1.55E-05	0.218	0.171				<i>PAK1</i>	5'UTR
cg17717169	1	178,621,037	1.08E-05	0.218	0.200					
cg02227292	6	28,442,848	0.009898	0.218	0.228					
cg03561565	8	99,438,624	0.000503	0.218	0.153	5.08E-11	0.145		<i>KCNS2</i>	TSS1500
cg10236245	14	95,234,015	1.9E-06	0.218	0.214					
cg17966192	2	108,994,116	0.022007	0.218	0.093	2.73E-16	0.155		<i>SULT1C4</i>	TSS1500
cg19283806	18	66,389,420	0.033831	0.218	0.119				<i>CCDC102B</i>	5'UTR
cg02634341	1	179,711,583	0.040683	0.218	0.222				<i>FAM163A</i>	TSS1500
cg16601461	2	114,048,829	2.69E-10	0.218	0.195				<i>LOC440839</i>	Body
cg26393629	14	21,191,859	0.002364	0.218	0.168					
cg06901893	7	73,400,692	7.72E-11	0.218	0.221					
cg12137450	8	22,458,046	1.21E-08	0.218	0.212				<i>C8orf58</i>	Body
cg12893030	10	73,769,174	7.06E-10	0.218	0.197				<i>CHST3</i>	3'UTR
cg13536107	4	153,437,193	1.11E-20	0.218	0.202				<i>FBXW7</i>	5'UTR
cg09903430	1	44,172,605	0.043135	0.218	0.103	4.12E-11	0.099		<i>ST3GAL3</i>	TSS1500
cg15422685	3	62,356,774	0.002301	0.218	0.249				<i>FEZF2</i>	Body
cg01309213	16	331,821	0.01242	0.218	0.236				<i>ARHGDI3</i>	Body
cg07107824	10	95,633,260	4.31E-08	0.218	0.248					
cg06563450	5	55,737,211	0.01756	0.218	0.212					
cg07562821	15	43,810,131	0.000119	0.218	0.251				<i>MAP1A</i>	5'UTR
cg19412669	1	36,839,270	0.016189	0.218	0.170				<i>STK40</i>	5'UTR
cg09829636	14	102,976,856	0.028254	0.218	0.143				<i>ANKRD9</i>	TSS1500
cg17220055	1	42,248,998	5.06E-06	0.218	0.182				<i>HIVEP3</i>	5'UTR
cg10342908	15	43,415,239	0.007311	0.218	0.165					
cg10694507	3	134,076,315	2.89E-21	0.218	0.211				<i>AMOTL2</i>	3'UTR
cg22125433	8	143,386,979	1.8E-05	0.218	0.205				<i>TSNARE1</i>	Body
cg25557175	11	32,193,776	0.003442	0.218	0.251					
cg08061755	11	9,781,826	9.93E-10	0.218	0.203					
cg13821785	7	2,657,347	7.28E-13	0.218	0.218					
cg24990131	6	6,320,710	0.043014	0.218	0.164				<i>F13A1</i>	5'UTR
cg13520394	12	57,635,339	2.55E-05	0.218	0.175				<i>NDUFA4L2</i>	TSS1500
cg23402821	17	35,292,159	0.002605	0.218	0.195					
cg03343013	1	43,473,097	7.46E-05	0.218	0.177					

cg05496768	10	77,872,288	9.67E-12	0.218	0.190				<i>C10orf11</i>	Body
cg06958766	14	76,446,087	0.007189	0.218	0.320				<i>TGFB3</i>	Body
cg08495770	10	106,400,824	0.016329	0.218	0.087				<i>SORCS3</i>	TSS200
cg09926027	9	87,285,693	0.002954	0.218	0.222				<i>NTRK2</i>	Body
cg23104954	13	50,701,501	8.14E-05	0.218	0.202					
cg03696974	16	29,888,670	0.000124	0.218	0.201				<i>SEZ6L2</i>	Body
cg03778207	11	86,230,664	1.14E-09	0.218	0.221				<i>ME3</i>	Body
cg08529825	1	114,489,550	2.2E-05	0.218	0.215				<i>HIPK1</i>	Body
cg15095327	3	9,944,512	4.07E-06	0.218	0.223	4.69E-14	0.144		<i>IL17RE</i>	1stExon
cg18661379	10	104,393,081	0.000126	0.218	0.205				<i>SUFU</i>	3'UTR
cg01421548	16	25,705,355	0.000479	0.218	0.234				<i>HS3ST4</i>	Body
cg20286200	6	133,562,267	0.005276	0.218	0.273	9.48E-16	0.167		<i>EYA4</i>	TSS1500
cg01580934	7	104,909,815	0.021025	0.218	0.226				<i>SRPK2</i>	TSS1500
cg03840647	14	36,974,968	0.004835	0.218	0.248				<i>SFTA3</i>	Body
cg12222588	18	34,823,808	1.19E-06	0.218	0.228				<i>BRUNOL4</i>	3'UTR
cg12415060	15	26,950,274	1.41E-08	0.218	0.173				<i>GABRB3</i>	Body
cg14364903	3	48,631,834	7.02E-08	0.218	0.200				<i>COL7A1</i>	Body
cg27552679	15	74,425,757	0.004396	0.218	0.193				<i>ISLR2</i>	Body
cg06186450	1	154,942,910	0.000709	0.218	0.232				<i>SHC1</i>	5'UTR
cg13761284	9	130,708,393	5.67E-15	0.218	0.212				<i>FAM102A</i>	Body
cg14215082	8	9,055,850	2.03E-12	0.218	0.210					
cg17031967	6	25,297,487	3.8E-10	0.218	0.220				<i>LRRC16A</i>	Body
cg04752042	1	46,951,683	0.003711	0.218	0.181					
cg05962055	4	141,566,966	1.14E-14	0.218	0.217				<i>TBC1D9</i>	Body
cg20236750	10	95,516,908	1.01E-10	0.218	0.219				<i>LGI1</i>	TSS1500
cg02098752	5	176,024,005	0.020091	0.218	0.175				<i>GPRIN1</i>	Body
cg18741372	19	45,906,156	2.17E-06	0.218	0.189				<i>PPP1R13L</i>	5'UTR
cg25447873	15	63,548,963	4.23E-09	0.218	0.219				<i>RAB8B</i>	Body
cg27301674	8	885,217	5.52E-06	0.218	0.224					
cg01072639	20	5,891,781	1.09E-05	0.218	0.183				<i>CHGB</i>	TSS200
cg03357664	1	29,446,693	1.88E-07	0.218	0.234				<i>TMEM200B</i>	3'UTR
cg07155381	17	180,856	4.02E-12	0.218	0.193				<i>RPH3AL</i>	5'UTR
cg16824584	20	31,170,822	6.4E-06	0.218	0.181					
cg06897860	1	54,965,458	0.037024	0.218	0.284					

cg00566320	1	32,172,204	2.06E-06	0.218	0.258					
cg00880452	19	39,694,617	0.007453	0.218	0.176				<i>SYCN</i>	1stExon
cg00943382	7	156,786,185	1.51E-08	0.218	0.208					
cg10682560	11	31,845,148	0.015151	0.218	0.293					
cg15117372	6	35,992,219	7.94E-15	0.218	0.203				<i>SLC26A8</i>	5'UTR
cg16421871	13	113,634,978	2.07E-06	0.218	0.198				<i>MCF2L</i>	Body
cg24085885	19	18,879,446	8.2E-26	0.218	0.227				<i>CRTC1</i>	Body
cg26386624	12	54,366,859	0.000292	0.218	0.266				<i>HOXC11</i>	TSS200
cg12421834	6	168,714,673	3.75E-12	0.218	0.197				<i>DACT2</i>	Body
cg04137171	15	79,104,232	7.12E-07	0.218	0.146				<i>ADAMTS7</i>	TSS1500
cg04303330	5	131,992,430	1.66E-08	0.218	0.208				<i>IL13</i>	TSS1500
cg11381404	3	104,813,499	2.54E-06	0.218	0.212					
cg00213123	15	75,019,070	8.97E-10	0.218	0.203				<i>CYP1A1</i>	TSS1500
cg02895192	X	153,190,027	0.006909	0.218	0.227				<i>ARHGAP4</i>	Body
cg27295595	16	29,796,756	2.31E-07	0.218	0.226					
cg13733266	11	85,397,216	1.55E-06	0.218	0.175				<i>CCDC89</i>	1stExon
cg16312968	6	6,900,945	6.56E-10	0.218	0.202					
cg17840501	17	75,385,086	1.52E-07	0.218	0.205				<i>SEPT9</i>	5'UTR
cg20205704	17	2,213,196	1.49E-12	0.218	0.202				<i>SRR</i>	5'UTR
cg00436476	6	26,240,505	0.04066	0.218	0.264				<i>HIST1H4F</i>	TSS200
cg06196801	12	121,164,025	8.72E-05	0.218	0.196				<i>ACADS</i>	Body
cg23102014	15	70,574,295	5.69E-05	0.218	0.233					
cg00699219	4	174,422,442	0.000183	0.218	0.247					
cg07196577	1	109,850,486	1.92E-10	0.218	0.215				<i>MYBPHL</i>	TSS1500
cg14925328	2	207,913,718	3.01E-11	0.218	0.218					
cg17605814	11	44,585,659	2.19E-06	0.218	0.219				<i>CD82</i>	TSS1500
cg23953176	2	947,515	4.49E-15	0.218	0.206				<i>SNTG2</i>	Body
cg11960629	10	91,295,317	0.028464	0.218	0.253				<i>SLC16A12</i>	TSS200
cg04138103	5	38,796,759	2.3E-09	0.218	0.218					
cg13761321	9	97,768,771	0.022448	0.218	0.127				<i>C9orf3</i>	Body
cg14657725	8	99,959,549	2.73E-07	0.218	0.223				<i>OSR2</i>	5'UTR
cg14703061	11	120,435,915	0.023812	0.218	0.175					
cg16574134	10	102,588,315	0.04627	0.218	0.140				<i>PAX2</i>	3'UTR
cg06973615	2	175,208,761	0.00084	0.218	0.225					

cg10568624	9	100,619,991	0.013054	0.218	0.250					
cg15413523	5	133,451,625	7.52E-15	0.218	0.185				<i>TCF7</i>	5'UTR
cg07378309	3	121,312,164	6.78E-05	0.218	0.220				<i>FBXO40</i>	TSS200
cg14067761	2	23,840,739	6.72E-05	0.218	0.231				<i>KLHL29</i>	Body
cg15058645	2	175,528,343	1.35E-13	0.218	0.211				<i>WIPF1</i>	5'UTR
cg23142799	13	26,625,089	0.000967	0.218	0.095				<i>SHISA2</i>	1stExon
cg00835279	2	3,642,710	2.22E-06	0.218	0.171				<i>COLEC11</i>	1stExon
cg09467436	2	72,079,424	5.13E-17	0.218	0.197					
cg12169875	6	29,856,193	0.023781	0.218	0.177				<i>HLA-H</i>	Body
cg24575083	11	7,695,485	9.21E-06	0.218	0.187				<i>CYB5R2</i>	TSS1500
cg01154355	5	124,043,109	8.2E-05	0.218	0.229				<i>ZNF608</i>	Body
cg03695236	7	157,369,121	0.001295	0.218	0.146				<i>PTPRN2</i>	Body
cg11575295	7	158,250,911	2.37E-06	0.218	0.221				<i>PTPRN2</i>	Body
cg19122260	17	78,808,570	1.15E-11	0.218	0.212				<i>RPTOR</i>	Body
cg11583762	8	39,172,020	0.011076	0.218	0.232				<i>ADAM5P</i>	TSS200
cg18449021	5	107,004,816	5.37E-06	0.218	0.224				<i>EFNA5</i>	Body
cg18984103	14	104,163,025	2.29E-11	0.218	0.217				<i>KLC1</i>	Body
cg20793420	22	38,861,635	3.55E-06	0.218	0.242					
cg04478180	4	76,932,862	0.003387	0.218	0.233				<i>ART3</i>	5'UTR
cg05215272	17	6,899,095	1.64E-05	0.218	0.186				<i>ALOX12</i>	TSS1500
cg16711124	16	29,796,373	2.08E-06	0.218	0.214					
cg09541576	2	44,873,248	5.51E-08	0.218	0.229			Yes	<i>C2orf34</i>	Body
cg08443357	20	1,310,000	0.000272	0.218	0.206				<i>SDCBP2</i>	TSS200
cg00350199	11	67,418,213	1.8E-13	0.218	0.198				<i>ACY3</i>	TSS200
cg23698978	7	20,838,631	1.44E-05	0.218	0.164					
cg05121790	1	12,123,554	0.015257	0.218	0.130				<i>TNFRSF8</i>	5'UTR
cg02124022	4	54,974,886	5.26E-06	0.218	0.219					
cg00542992	5	141,595,654	0.015826	0.218	0.182					
cg11781986	14	24,808,787	7.42E-12	0.218	0.229				<i>RIPK3</i>	Body
cg26422458	1	79,472,452	7.51E-08	0.218	0.208				<i>ELTD1</i>	5'UTR
cg13910813	9	117,157,614	0.000185	0.218	0.240				<i>AKNA</i>	TSS1500
cg27090062	5	92,939,842	1.12E-09	0.218	0.211					
cg19951298	6	10,883,054	2.6E-07	0.218	0.195				<i>GCM2</i>	TSS1500
cg12426146	4	140,657,110	1.33E-06	0.218	0.205				<i>MAML3</i>	Body

cg03408271	4	13,537,647	0.010257	0.218	0.221					
cg11133524	8	145,104,106	0.003182	0.218	0.197					
cg08635097	13	44,833,857	4.35E-05	0.218	0.177					
cg14447193	9	87,433,864	1.81E-08	0.218	0.188				<i>NTRK2</i>	Body
cg16739178	16	85,470,674	0.003023	0.218	0.169					
cg24813038	4	85,404,026	9.57E-05	0.218	0.199					
cg11270393	2	96,991,017	0.022609	0.218	0.291				<i>ITPRIPL1</i>	TSS1500
cg04585669	3	11,599,640	1.07E-05	0.218	0.245				<i>VGLL4</i>	3'UTR
cg06361606	1	154,915,180	5.58E-08	0.218	0.219					
cg08826839	2	163,100,125	0.000594	0.218	0.175	3.17E-07	0.129		<i>FAP</i>	TSS200
cg15135803	1	12,579,742	5.15E-10	0.218	0.225					
cg00786685	2	218,842,585	1.61E-11	0.218	0.225					
cg05380019	7	19,146,555	0.00633	0.218	0.192					
cg10298052	10	57,391,055	8.44E-07	0.218	0.179					
cg15111638	11	16,631,993	1.08E-06	0.218	0.215					
cg18616175	20	39,321,473	0.000916	0.218	0.226					
cg19651694	11	71,955,164	0.003262	0.218	0.190				<i>PHOX2A</i>	1stExon
cg20852250	3	72,149,422	5.12E-07	0.218	0.203					
cg13207501	1	38,470,665	9.06E-05	0.218	0.178				<i>FHL3</i>	5'UTR
cg23601374	2	240,213,173	1.18E-10	0.218	0.207				<i>HDAC4</i>	Body
cg03677492	17	80,273,969	0.000964	0.217	0.214				<i>CD7</i>	Body
cg00491180	16	2,892,604	0.00057	0.217	0.224				<i>TMPRSS8</i>	Body
cg12352960	10	43,428,578	0.026322	0.217	0.357					
cg02945385	3	9,246,501	3.62E-20	0.217	0.209				<i>SRGAP3</i>	Body
cg12046758	17	59,474,922	0.033986	0.217	0.085					
cg13493563	9	132,260,096	3.67E-08	0.217	0.227					
cg10727673	3	136,537,267	9.25E-08	0.217	0.219				<i>TMEM22</i>	TSS1500
cg06825661	18	13,260,398	0.007262	0.217	0.218				<i>C18orf1</i>	5'UTR
cg06850005	10	35,926,564	6.08E-08	0.217	0.202					
cg21430685	8	29,387,008	9.69E-06	0.217	0.184					
cg14806083	6	169,002,120	6.76E-17	0.217	0.206				<i>SMOC2</i>	Body
cg20774846	8	105,479,420	0.000702	0.217	0.199	6.23E-21	0.159		<i>DPYS</i>	TSS200
cg12993163	3	157,821,407	0.048988	0.217	0.194				<i>SHOX2</i>	Body
cg07229688	18	59,564,213	0.000141	0.217	0.262					

cg20449379	8	968,983	1.33E-10	0.217	0.206					
cg00782828	1	54,940,382	0.000105	0.217	0.089					
cg02485922	16	30,379,391	5.97E-05	0.217	0.176				<i>TBC1D10B</i>	Body
cg05210266	8	65,282,507	0.006109	0.217	0.277					
cg13515064	13	113,611,440	6.28E-24	0.217	0.205					
cg17355191	9	136,039,576	0.000199	0.217	0.134				<i>GBGT1</i>	TSS1500
cg07866001	5	14,440,492	5.53E-09	0.217	0.222				<i>TRIO</i>	Body
cg14770102	11	58,984,446	0.038365	0.217	0.157					
cg18262201	10	6,187,854	2.87E-06	0.217	0.194				<i>PFKFB3</i>	Body
cg20238355	7	100,612,155	0.010952	0.217	0.299				<i>MUC12</i>	TSS1500
cg02102456	2	100,824,336	1.01E-20	0.217	0.200					
cg03024301	6	52,440,589	8.37E-11	0.217	0.206				<i>TRAM2</i>	Body
cg11105610	17	76,976,352	1.89E-09	0.217	0.190	1.48E-16	0.139		<i>LGALS3BP</i>	TSS1500
cg24634746	1	7,538,723	0.00073	0.217	0.250				<i>CAMTA1</i>	Body
cg23222745	6	27,791,912	0.001437	0.217	0.187				<i>HIST1H4J</i>	1stExon
cg15056128	17	38,821,487	0.010309	0.217	0.213				<i>KRT222</i>	TSS200
cg05231308	2	27,531,163	4.93E-09	0.217	0.196				<i>UCN</i>	TSS200
cg11549025	7	75,994,082	0.00011	0.217	0.232					
cg18127395	7	95,433,546	2.89E-06	0.217	0.197				<i>DYNC1I1</i>	5'UTR
cg05519187	17	35,303,387	0.001127	0.217	0.307					
cg09113474	6	1,601,369	9E-19	0.217	0.183					
cg10233454	12	57,529,389	6.67E-08	0.217	0.221				<i>LRP1</i>	Body
cg16276982	15	29,968,032	5.41E-10	0.217	0.194					
cg00073837	2	223,177,008	0.01728	0.217	0.224					
cg00146004	16	3,241,434	0.007985	0.217	0.184					
cg18556792	2	43,445,934	0.003007	0.217	0.203					
cg14501219	17	62,775,713	0.000727	0.217	0.131				<i>LOC146880</i>	Body
cg19795292	2	102,952,285	1.7E-10	0.217	0.227				<i>IL1RL1</i>	5'UTR
cg26258213	10	127,220,321	3.96E-05	0.217	0.215					
cg01700462	20	45,179,230	1.69E-09	0.217	0.199				<i>C20orf123</i>	TSS200
cg08579858	22	29,709,964	0.000386	0.217	0.226				<i>RASL10A</i>	Body
cg10256976	11	20,078,682	0.000101	0.217	0.193				<i>NAV2</i>	Body
cg14138540	15	93,571,988	0.000153	0.217	0.276					
cg15301794	11	31,822,243	2.64E-05	0.217	0.178				<i>PAX6</i>	Body



cg18212762	11	64,556,654	8.03E-12	0.217	0.218				<i>MAP4K2</i>	3'UTR
cg00921973	9	130,701,076	1.14E-08	0.217	0.232				<i>DPM2</i>	TSS1500
cg10767223	5	1,295,799	2.25E-07	0.217	0.201				<i>TERT</i>	TSS1500
cg00478479	19	40,904,851	1.83E-06	0.217	0.206				<i>PRX</i>	Body
cg25800500	2	97,505,275	1.92E-05	0.217	0.202				<i>ANKRD23</i>	3'UTR
cg19601035	12	48,399,140	9.65E-07	0.217	0.201	0.00000112	0.073		<i>COL2A1</i>	TSS1500
cg13284614	3	52,569,169	2.28E-05	0.217	0.184				<i>NT5DC2</i>	TSS200
cg13812927	9	89,517,863	2.61E-06	0.217	0.219					
cg16235891	7	158,243,546	1.15E-09	0.217	0.219				<i>PTPRN2</i>	Body
cg19262637	1	240,783,328	0.001911	0.217	0.168					
cg19594218	1	62,660,556	0.000816	0.217	0.187				<i>L1TD1</i>	1stExon
cg23525438	6	17,016,226	3.72E-06	0.217	0.241					
cg11847222	5	77,268,624	0.003817	0.217	0.205					
cg19236794	1	1,181,769	3.39E-10	0.217	0.217				<i>FAM132A</i>	Body
cg26927232	17	2,135,631	9.95E-15	0.217	0.219				<i>SMG6</i>	Body
cg27404023	2	162,283,994	0.039093	0.217	0.183					
cg25500196	17	40,464,780	3.08E-15	0.217	0.215					
cg10376827	10	88,730,324	0.000647	0.217	0.166				<i>AGAP11</i>	TSS200
cg12427162	1	168,198,488	9.06E-14	0.217	0.186				<i>SFT2D2</i>	Body
cg13017239	2	131,185,379	0.002504	0.217	0.247					
cg22942704	1	20,813,574	0.013389	0.217	0.100				<i>CAMK2N1</i>	TSS1500
cg13208704	17	36,761,029	8.27E-07	0.217	0.211				<i>SRCIN1</i>	Body
cg13583230	14	24,809,297	4.58E-05	0.217	0.200				<i>RIPK3</i>	TSS200
cg18210365	15	65,066,710	1.67E-11	0.217	0.215				<i>RBPM2</i>	Body
cg22365906	12	99,548,546	4.85E-07	0.217	0.177				<i>ANKS1B</i>	TSS200
cg12829142	7	23,529,999	0.000139	0.217	0.178				<i>RPS2P32</i>	TSS200
cg02155398	2	45,160,490	6.27E-06	0.217	0.218					
cg20805367	17	6,918,952	6.79E-07	0.217	0.197				<i>C17orf49</i>	Body
cg00258597	8	23,567,607	6.62E-06	0.217	0.180					
cg04380519	17	61,778,366	1.63E-05	0.217	0.217				<i>LIMD2</i>	TSS1500
cg09267467	1	178,914,986	1.17E-05	0.217	0.205					
cg04651137	7	23,287,222	0.00093	0.217	0.218				<i>GPNMB</i>	Body
cg08422803	21	46,341,067	3.81E-08	0.217	0.217				<i>ITGB2</i>	TSS200
cg09357761	14	61,933,059	1.44E-13	0.217	0.214				<i>PRKCH</i>	Body

cg09924848	10	126,308,486	8.67E-11	0.217	0.206				<i>FAM53B</i>	3'UTR
cg04434896	8	23,562,003	6.92E-05	0.217	0.197				<i>NKX2-6</i>	Body
cg12076463	4	85,418,265	6.48E-10	0.217	0.218				<i>NKX6-1</i>	Body
cg13078671	12	6,662,193	3.3E-14	0.217	0.221				<i>IFFO1</i>	Body
cg16025118	12	114,273,678	2.19E-06	0.217	0.221				<i>RBM19</i>	Body
cg20219381	8	101,118,083	2.51E-06	0.217	0.222				<i>RGS22</i>	Body
cg21158087	17	58,216,415	0.005473	0.217	0.230					
cg07229001	15	70,897,224	0.015177	0.217	0.279					
cg07358855	8	99,960,843	4.38E-06	0.217	0.210				<i>OSR2</i>	5'UTR
cg20970369	1	111,744,108	1.03E-07	0.217	0.201				<i>DENND2D</i>	TSS1500
cg15422382	10	81,141,532	6.2E-14	0.217	0.193					
cg00019759	1	212,687,842	0.001399	0.217	0.235					
cg03714110	5	92,923,623	2.15E-05	0.217	0.185				<i>NR2F1</i>	Body
cg25464265	1	221,063,484	2.75E-05	0.217	0.187					
cg26813646	10	50,817,651	0.01685	0.217	0.258				<i>SLC18A3</i>	TSS1500
cg06563089	12	75,601,157	3.01E-05	0.217	0.242				<i>KCNC2</i>	Body
cg10571987	6	41,528,395	2.47E-06	0.217	0.209				<i>FOXP4</i>	5'UTR
cg11390073	12	29,302,515	0.003663	0.217	0.188					
cg21990700	12	7,260,776	0.004488	0.217	0.180				<i>LOC283314</i>	TSS200
cg07500325	21	47,062,264	0.001699	0.217	0.113					
cg10253847	6	28,227,085	4.69E-06	0.217	0.210				<i>NKAPL</i>	TSS200
cg20268039	7	25,900,167	0.001374	0.217	0.202					
cg26311734	4	94,755,520	7.21E-05	0.217	0.201					
cg08720517	5	138,729,919	0.002451	0.217	0.232				<i>LOC389333</i>	1stExon
cg13487918	3	38,067,350	0.000785	0.217	0.176				<i>PLCD1</i>	TSS1500
cg20884298	13	46,190,037	2.88E-05	0.217	0.242				<i>FAM194B</i>	TSS200
cg24361291	19	16,394,499	1.49E-05	0.217	0.206					
cg07740306	18	77,246,369	4.69E-12	0.217	0.215				<i>NFATC1</i>	Body
cg21201099	17	59,482,446	1.97E-05	0.217	0.226				<i>TBX2</i>	Body
cg22380508	11	63,381,144	0.018553	0.217	0.110				<i>PLA2G16</i>	Body
cg06410191	5	115,298,920	0.000477	0.217	0.244				<i>LVRN</i>	1stExon
cg13026370	18	8,367,098	0.000184	0.217	0.180				<i>LOC100192426</i>	TSS200
cg14632140	12	16,758,112	0.000338	0.217	0.166				<i>LMO3</i>	5'UTR
cg12243453	11	113,775,400	5.52E-10	0.217	0.206				<i>HTR3B</i>	TSS200

cg19611392	18	56,888,922	0.001062	0.217	0.267				<i>GRP</i>	Body
cg09807148	17	34,122,069	0.003525	0.217	0.174				<i>MMP28</i>	Body
cg02583525	2	26,624,612	0.041054	0.217	0.060				<i>C2orf39</i>	TSS200
cg07377994	17	55,533,142	5.45E-08	0.217	0.211			Yes	<i>MSI2</i>	Body
cg09533845	8	81,290,007	0.013525	0.217	0.143					
cg14826211	2	23,747,197	3.64E-10	0.217	0.202				<i>KLHL29</i>	5'UTR
cg03053788	8	65,498,340	0.00274	0.217	0.251			Yes		
cg12152002	14	57,279,496	0.002855	0.217	0.289				<i>OTX2OS1</i>	TSS1500
cg09335713	22	42,828,418	9.12E-15	0.217	0.201				<i>NFAM1</i>	TSS200
cg14205791	12	124,800,227	2.25E-14	0.217	0.207				<i>FAM101A</i>	3'UTR
cg04292993	7	73,894,730	0.038699	0.217	0.159				<i>GTF2IRD1</i>	5'UTR
cg20261167	4	88,896,942	7.95E-06	0.217	0.209	1.06E-12	0.218		<i>SPP1</i>	1stExon
cg03879594	16	85,207,569	1.5E-15	0.217	0.222					
cg06569139	8	101,117,949	5.42E-21	0.217	0.221				<i>RGS22</i>	Body
cg07105285	11	92,702,663	6.83E-10	0.217	0.200				<i>MTNR1B</i>	TSS200
cg10423771	10	50,604,499	0.018648	0.217	0.240					
cg19566658	7	100,466,241	4.34E-31	0.217	0.212				<i>TRIP6</i>	Body
cg19587237	1	54,797,076	0.008872	0.217	0.106				<i>SSBP3</i>	Body
cg01033642	16	81,564,192	0.00031	0.217	0.186				<i>CMIP</i>	Body
cg06733155	7	73,508,868	6.28E-06	0.217	0.206				<i>LIMK1</i>	Body
cg10534938	5	1,868,639	3.74E-05	0.217	0.215					
cg13736514	6	26,305,472	0.000224	0.217	0.223					
cg18554976	19	35,629,356	1.19E-07	0.217	0.181				<i>FXYP1</i>	TSS1500
cg19131647	17	27,397,005	0.001353	0.217	0.146					
cg07464674	17	6,358,363	1.16E-10	0.217	0.202				<i>PITPNM3</i>	3'UTR
cg12143499	12	27,615,389	0.006382	0.217	0.196					
cg03670393	4	81,128,690	1.06E-11	0.217	0.206					
cg04425920	10	50,604,518	0.03651	0.217	0.298					
cg03216043	19	10,928,639	8.6E-08	0.217	0.218				<i>DNM2</i>	Body
cg10722799	21	36,041,699	2.03E-05	0.217	0.210	3.48E-07	0.072		<i>CLIC6</i>	1stExon
cg13727629	1	2,232,469	3.39E-05	0.217	0.204				<i>SKI</i>	Body
cg14261840	3	62,360,417	0.034745	0.217	0.225				<i>FEZF2</i>	TSS1500
cg14447077	9	79,920,904	7.33E-09	0.217	0.205				<i>VPS13A</i>	Body
cg17430228	11	353,919	7.21E-11	0.217	0.205					

cg08550353	6	134,497,627	2.18E-11	0.217	0.233				<i>SGK1</i>	TSS1500
cg18173058	12	114,838,359	0.000148	0.217	0.259				<i>TBX5</i>	Body
cg05550420	11	6,668,214	2.11E-05	0.217	0.219				<i>DCHS1</i>	5'UTR
cg06993255	8	145,846,234	8.57E-06	0.217	0.200					
cg13644528	9	36,163,544	2.76E-08	0.217	0.218				<i>GLIPR2</i>	3'UTR
cg16691177	4	165,898,666	3.56E-06	0.217	0.210				<i>TRIM61</i>	5'UTR
cg20219329	8	1,994,478	0.026453	0.217	0.120				<i>MYOM2</i>	5'UTR
cg01301885	10	128,258,570	3.44E-07	0.217	0.202					
cg05945608	6	42,739,639	2.24E-06	0.217	0.246					
cg06226630	4	48,493,420	2.78E-05	0.217	0.218				<i>ZAR1</i>	Body
cg02165330	11	124,542,984	4.2E-17	0.217	0.217				<i>SIAE</i>	Body
cg05350268	6	73,330,112	0.006154	0.217	0.237				<i>KCNQ5</i>	TSS1500
cg27549878	19	38,886,554	1.8E-05	0.217	0.203				<i>SPRED3</i>	Body
cg00379648	12	106,979,451	0.023456	0.217	0.287				<i>RFX4</i>	Body
cg07704934	11	44,332,940	0.016118	0.217	0.268				<i>ALX4</i>	TSS1500
cg24310711	17	70,026,605	0.034086	0.217	0.297					
cg18925726	14	23,982,474	0.000822	0.217	0.207					
cg19365673	1	99,470,618	0.018567	0.217	0.279				<i>LPPR5</i>	TSS200
cg12571570	2	145,267,984	9.35E-08	0.217	0.186				<i>ZEB2</i>	Body
cg17388712	7	50,889,487	0.005829	0.217	0.187					
cg07249742	3	124,570,104	4.19E-13	0.217	0.239				<i>ITGB5</i>	Body
cg07731871	10	18,629,568	0.002696	0.217	0.168				<i>CACNB2</i>	Body
cg22344727	12	81,102,035	1.72E-09	0.217	0.196				<i>MYF6</i>	Body
cg05664581	3	181,428,242	1.4E-06	0.217	0.198				<i>SOX2OT</i>	Body
cg19351398	7	149,472,134	7.32E-11	0.217	0.201				<i>SSPO</i>	TSS1500
cg25371036	11	94,500,749	6.09E-10	0.217	0.185				<i>AMOTL1</i>	TSS1500
cg14851325	6	32,156,100	7.41E-23	0.217	0.217				<i>PBX2</i>	Body
cg20767912	3	158,486,217	0.005276	0.217	0.174					
cg11043815	12	103,358,817	4.61E-05	0.217	0.188					
cg12278467	5	87,971,573	0.011496	0.217	0.221				<i>LOC645323</i>	Body
cg18034295	22	42,475,135	4.61E-05	0.217	0.194				<i>C22orf32</i>	TSS1500
cg19944656	17	76,876,040	2.08E-06	0.217	0.210				<i>TIMP2</i>	Body
cg04146573	11	69,970,618	4.93E-07	0.217	0.205				<i>ANO1</i>	Body
cg05459609	16	4,689,950	7.12E-19	0.217	0.188				<i>MGRN1</i>	Body

cg27626620	6	167,171,727	0.002051	0.217	0.227				<i>RPS6KA2</i>	Body
cg08778851	17	29,888,936	0.000135	0.217	0.185					
cg11689625	4	154,386,689	0.029095	0.217	0.160				<i>KIAA0922</i>	TSS1500
cg03109101	10	119,305,095	8.9E-05	0.216	0.220				<i>EMX2</i>	Body
cg06531741	11	113,775,450	5.76E-17	0.216	0.201	9.81E-26	0.177		<i>HTR3B</i>	TSS200
cg19503963	17	2,085,005	3.78E-10	0.216	0.203				<i>SMG6</i>	Body
cg09834465	1	35,586,503	3.12E-05	0.216	0.217					
cg22105158	19	3,480,672	1.09E-05	0.216	0.210				<i>C19orf77</i>	TSS200
cg27193080	3	129,160,612	1.32E-11	0.216	0.238				<i>IFT122</i>	Body
cg10045881	1	111,770,291	6.61E-05	0.216	0.192	7.56E-14	0.157		<i>CHI3L2</i>	1stExon
cg12990116	6	34,433,392	0.007179	0.216	0.155				<i>PACIN1</i>	TSS1500
cg15351214	14	71,277,192	1.45E-11	0.216	0.163				<i>MAP3K9</i>	TSS1500
cg04139449	6	45,631,407	1.33E-05	0.216	0.223					
cg08419873	13	27,296,010	0.017093	0.216	0.188					
cg16683060	13	99,974,673	1.44E-05	0.216	0.211				<i>UBAC2</i>	Body
cg11036041	4	41,365,307	0.01817	0.216	0.269				<i>LIMCH1</i>	Body
cg24827626	21	46,169,242	1.2E-14	0.216	0.190					
cg03276479	8	97,507,958	0.002736	0.216	0.184				<i>SDC2</i>	Body
cg05456713	19	2,513,356	2.52E-07	0.216	0.170				<i>GNG7</i>	3'UTR
cg10606834	17	59,532,197	5.8E-05	0.216	0.225					
cg13202751	5	1,446,443	2.47E-05	0.216	0.174	6.65E-26	0.204		<i>SLC6A3</i>	TSS1500
cg01271812	2	66,671,478	6.17E-05	0.216	0.208				<i>MEIS1</i>	Body
cg09368485	6	29,974,022	6.22E-07	0.216	0.204				<i>HLA-J</i>	Body
cg12369353	13	36,728,963	0.0014	0.216	0.188					
cg26143752	2	27,806,326	0.000698	0.216	0.219				<i>ZNF512</i>	Body
cg24901662	10	34,977,342	1.25E-11	0.216	0.185				<i>PARD3</i>	Body
cg27247697	2	87,018,054	0.000287	0.216	0.218				<i>CD8A</i>	5'UTR
cg07155422	1	12,114,402	1.91E-10	0.216	0.217					
cg11878182	8	102,217,722	2.53E-17	0.216	0.217				<i>ZNF706</i>	5'UTR
cg02551980	5	112,628,419	0.00033	0.216	0.236				<i>MCC</i>	Body
cg03377610	2	45,164,723	1.34E-05	0.216	0.210					
cg23400512	14	85,996,315	0.029219	0.216	0.242				<i>FLRT2</i>	TSS200
cg02577433	10	102,887,035	0.016375	0.216	0.257				<i>TLX1NB</i>	5'UTR
cg16797421	6	147,428,486	8.62E-05	0.216	0.269					

cg22241820	15	68,122,574	6.96E-06	0.216	0.209				<i>LBXCOR1</i>	Body
cg00721572	1	147,775,609	0.013184	0.216	0.267					
cg08204129	3	145,852,537	2.09E-14	0.216	0.194				<i>PLOD2</i>	Body
cg23352597	X	46,435,742	0.000317	0.216	0.189				<i>CHST7</i>	3'UTR
cg01581222	19	10,958,952	6.48E-08	0.216	0.192				<i>C19orf38</i>	TSS200
cg18735451	7	28,905,872	0.011208	0.216	0.139					
cg26505691	16	27,461,333	0.015938	0.216	0.191				<i>IL21R</i>	3'UTR
cg05471090	18	71,959,795	0.003456	0.216	0.152				<i>CYB5A</i>	TSS1500
cg13606889	11	121,335,457	4.38E-05	0.216	0.202				<i>SORL1</i>	Body
cg17159161	6	31,323,760	0.003572	0.216	0.142				<i>HLA-B</i>	Body
cg24159514	19	11,785,248	1.27E-10	0.216	0.207				<i>ZNF833</i>	Body
cg14871932	7	44,185,323	7.73E-09	0.216	0.218				<i>GCK</i>	Body
cg01575601	11	130,398,900	7.25E-06	0.216	0.221					
cg07111861	15	57,737,942	2.87E-14	0.216	0.197				<i>CGNL1</i>	Body
cg18180569	1	44,883,362	0.032892	0.216	0.212				<i>RNF220</i>	Body
cg18564989	1	226,411,057	0.012343	0.216	0.269				<i>MIXL1</i>	TSS1500
cg26751356	13	112,712,635	0.002454	0.216	0.253					
cg26825412	20	62,681,428	1.25E-13	0.216	0.206	9.45E-22	0.121		<i>SOX18</i>	TSS1500
cg23174616	5	145,713,698	0.000698	0.216	0.182					
cg10002668	7	107,665,708	1.42E-05	0.216	0.206				<i>LAMB4</i>	Body
cg11260097	7	121,940,647	0.000224	0.216	0.200					
cg17320136	5	10,567,905	6.02E-10	0.216	0.213				<i>ANKRD33B</i>	Body
cg22086566	7	3,989,097	2.57E-09	0.216	0.220				<i>SDK1</i>	Body
cg24161925	6	139,116,947	0.000607	0.216	0.227					
cg05360577	11	17,717,629	0.001727	0.216	0.200					
cg11537406	11	124,932,624	1.87E-12	0.216	0.201				<i>SLC37A2</i>	TSS1500
cg17298181	3	187,456,175	0.020429	0.216	0.271				<i>BCL6</i>	5'UTR
cg01970040	17	27,396,961	7.09E-12	0.216	0.206					
cg20755170	5	145,720,024	0.033226	0.216	0.089				<i>POU4F3</i>	3'UTR
cg12868067	12	128,752,246	0.038551	0.216	0.274			Yes	<i>TMEM132C</i>	Body
cg01874730	16	57,406,425	3.25E-12	0.216	0.215				<i>CX3CL1</i>	1stExon
cg13728308	14	34,532,891	1.75E-08	0.216	0.189					
cg04871131	7	94,954,202	5.06E-13	0.216	0.216				<i>PON1</i>	TSS1500
cg11839020	1	90,309,998	2.3E-10	0.216	0.211				<i>LRR8D</i>	5'UTR

cg13334949	20	44,471,068	7.6E-07	0.216	0.199				<i>SNX21</i>	3'UTR
cg13748092	15	58,024,200	1.61E-16	0.216	0.212					
cg19453938	7	73,265,946	0.007494	0.216	0.255					
cg10044470	14	104,866,284	7.68E-06	0.216	0.163					
cg18433009	10	72,013,286	6.19E-12	0.216	0.199					
cg20319604	2	44,428,936	3.04E-09	0.216	0.207				<i>PPM1B</i>	Body
cg09063936	2	74,408,977	6.91E-05	0.216	0.210					
cg16158045	X	2,748,039	1.67E-08	0.216	0.217				<i>GYG2</i>	5'UTR
cg22445940	20	57,224,919	0.003271	0.216	0.196				<i>STX16</i>	TSS1500
cg22698028	5	400,494	0.009304	0.216	0.263				<i>AHRR</i>	Body
cg23662469	X	54,472,372	4.16E-06	0.216	0.219				<i>FGD1</i>	3'UTR
cg03625287	13	24,121,359	0.022726	0.216	0.191					
cg25583491	5	94,955,880	0.010503	0.216	0.146				<i>GPR150</i>	TSS200
cg02716792	16	81,480,551	0.01485	0.216	0.227				<i>CMIP</i>	Body
cg11139102	7	100,073,936	5.82E-06	0.216	0.230				<i>TSC22D4</i>	Body
cg25447894	22	41,957,443	1.78E-06	0.216	0.245				<i>CSDC2</i>	5'UTR
cg07797660	1	3,239,139	1.46E-13	0.216	0.178				<i>PRDM16</i>	Body
cg15812139	6	168,996,082	9.21E-08	0.216	0.211				<i>SMOC2</i>	Body
cg01285706	4	81,953,041	0.024364	0.216	0.161				<i>BMP3</i>	Body
cg16401270	1	32,404,469	0.010228	0.216	0.152				<i>PTP4A2</i>	TSS1500
cg21177426	15	37,386,586	0.001337	0.216	0.242				<i>MEIS2</i>	Body
cg26523005	3	42,947,267	0.001669	0.216	0.142	0.0000533	0.078		<i>ZNF662</i>	TSS1500
cg26926076	6	129,204,510	0.034558	0.216	0.234				<i>LAMA2</i>	Body
cg19862242	6	138,200,334	4.33E-10	0.216	0.225				<i>TNFAIP3</i>	Body
cg26034934	2	20,420,746	7.97E-06	0.216	0.168				<i>SDC1</i>	Body
cg09993814	20	36,154,222	2.02E-08	0.216	0.217				<i>BLCAP</i>	5'UTR
cg15110101	11	61,717,334	0.021328	0.216	0.206				<i>BEST1</i>	TSS200
cg08944961	12	111,537,195	8.21E-09	0.216	0.196				<i>CUX2</i>	Body
cg22604013	3	53,173,997	1.52E-05	0.216	0.202					
cg17147820	11	61,322,255	0.000344	0.216	0.228				<i>SYT7</i>	Body
cg25177692	X	129,193,893	3.17E-05	0.216	0.195					
cg13419390	2	131,512,651	0.003238	0.216	0.254				<i>FAM123C</i>	TSS1500
cg22305293	3	93,851,734	0.023654	0.216	0.179					
cg15782228	20	60,932,415	8.45E-09	0.216	0.219				<i>LAMA5</i>	Body

cg20293942	13	50,701,256	1.42E-06	0.216	0.193					
cg25090972	7	156,797,988	0.033556	0.216	0.243				<i>MXN1</i>	3'UTR
cg26069093	12	122,048,642	1.33E-05	0.216	0.218					
cg05896902	15	45,671,018	0.001248	0.216	0.184				<i>LOC145663</i>	Body
cg20794824	3	170,138,205	3.96E-07	0.216	0.189				<i>CLDN11</i>	Body
cg25741487	3	62,363,076	0.019623	0.216	0.205					
cg01074584	8	41,168,072	1.91E-05	0.216	0.195				<i>SFRP1</i>	TSS1500
cg09931783	12	123,469,669	1.44E-10	0.216	0.203				<i>PITPNM2</i>	3'UTR
cg19907796	2	71,134,694	0.000647	0.216	0.217				<i>VAX2</i>	Body
cg24834823	8	38,386,476	1.75E-12	0.216	0.205				<i>C8orf86</i>	TSS1500
cg14517133	6	42,664,420	6.46E-10	0.216	0.190				<i>PRPH2</i>	3'UTR
cg19907305	19	18,902,117	0.000788	0.216	0.172				<i>COMP</i>	TSS200
cg00935216	7	157,461,368	0.000995	0.216	0.156				<i>PTPRN2</i>	Body
cg09845489	7	157,667,853	6.88E-11	0.216	0.185				<i>PTPRN2</i>	Body
cg09866565	3	137,844,436	6.97E-07	0.216	0.228				<i>A4GNT</i>	Body
cg12009023	4	148,402,128	0.032503	0.216	0.175				<i>EDNRA</i>	Body
cg22782017	6	168,785,895	0.001075	0.216	0.185					
cg00123055	8	55,370,951	0.002235	0.216	0.276				<i>SOX17</i>	1stExon
cg09059267	2	220,223,082	1.17E-14	0.216	0.202					
cg15060599	3	13,974,467	0.015932	0.216	0.172					
cg16368146	6	29,943,425	6.68E-09	0.216	0.212				<i>HCG9</i>	Body
cg20864568	17	43,391,599	2.25E-06	0.216	0.188				<i>MAP3K14</i>	5'UTR
cg21808635	7	55,225,133	5.46E-19	0.216	0.197				<i>EGFR</i>	Body
cg06139749	7	135,480,516	0.00027	0.216	0.246					
cg23213887	5	127,872,767	7.82E-06	0.216	0.211				<i>FBN2</i>	Body
cg00666105	3	181,428,377	3.08E-06	0.216	0.199				<i>SOX20T</i>	Body
cg12271981	13	88,326,752	0.017668	0.216	0.263				<i>SLITRK5</i>	5'UTR
cg18049638	6	28,733,695	0.04944	0.216	0.099					
cg27411712	12	30,976,016	0.000235	0.216	0.193					
cg08045599	Y	7,140,572	2.36E-08	0.216	0.227				<i>PRKY</i>	TSS1500
cg08423562	1	38,466,544	0.003007	0.216	0.260				<i>FHL3</i>	5'UTR
cg13931134	10	33,671,135	7.05E-07	0.216	0.218					
cg24880701	15	68,121,563	0.000265	0.216	0.180				<i>LBXCOR1</i>	Body
cg26512045	6	31,111,158	1.74E-16	0.216	0.213				<i>CCHCR1</i>	Body



cg27415425	8	95,084,766	2.85E-05	0.216	0.246					
cg01960748	1	24,522,592	6.23E-06	0.216	0.200					
cg08911048	5	139,168,029	1.17E-05	0.216	0.206			Yes		
cg11823496	8	23,553,798	8.53E-05	0.216	0.185					
cg13939055	1	244,094,869	1.4E-16	0.216	0.199					
cg18618429	3	122,043,865	4.89E-05	0.216	0.240				<i>CSTA</i>	TSS200
cg18694169	6	28,227,079	3.17E-06	0.216	0.208				<i>NKAPL</i>	TSS200
cg26372400	12	52,300,922	0.000888	0.216	0.219				<i>ACVRL1</i>	TSS1500
cg01864564	1	152,488,269	0.033966	0.216	0.197				<i>CRCT1</i>	3'UTR
cg13956167	2	23,792,747	9.8E-10	0.216	0.210				<i>KLHL29</i>	Body
cg01879039	1	52,456,656	3.31E-10	0.216	0.189				<i>RAB3B</i>	TSS1500
cg01989521	14	103,522,012	1.2E-12	0.216	0.198				<i>CDC42BPB</i>	Body
cg08164191	14	65,623,632	1.05E-07	0.216	0.205					
cg11700824	10	88,730,823	0.03138	0.216	0.196				<i>AGAP11</i>	5'UTR
cg01134643	10	5,406,948	0.015937	0.216	0.164				<i>UCN3</i>	TSS200
cg19778015	3	11,625,154	3.38E-17	0.216	0.214				<i>VGLL4</i>	Body
cg23991358	1	114,618,759	8.83E-07	0.216	0.176					
cg08949339	12	30,949,073	0.036628	0.216	0.141					
cg06573604	2	160,760,825	2.47E-05	0.216	0.212				<i>LY75</i>	Body
cg17544177	10	103,589,245	3.76E-12	0.216	0.193				<i>KCNIP2</i>	Body
cg08688659	11	35,249,965	2.05E-11	0.216	0.207				<i>CD44</i>	Body
cg01870826	7	5,111,875	0.045526	0.216	0.215	1.86E-09	0.183		<i>LOC389458</i>	Body
cg02139338	10	134,108,333	1.6E-08	0.216	0.223				<i>STK32C</i>	Body
cg04566826	19	34,289,872	2.83E-17	0.216	0.211				<i>KCTD15</i>	5'UTR
cg14644378	9	34,988,588	0.000972	0.216	0.236				<i>DNAJB5</i>	TSS1500
cg00698413	2	225,266,656	0.005081	0.216	0.228				<i>FAM124B</i>	5'UTR
cg21691166	18	43,355,681	3.11E-05	0.216	0.183					
cg01079860	2	219,828,633	0.010047	0.216	0.159					
cg03779078	7	45,554,419	0.02907	0.216	0.289					
cg07525682	11	63,729,080	0.000211	0.216	0.174					
cg14474777	9	95,889,381	2.49E-07	0.216	0.212				<i>NINJ1</i>	Body
cg15487620	1	160,084,833	7.33E-06	0.216	0.222				<i>ATP1A2</i>	TSS1500
cg26118943	5	53,816,563	5.95E-08	0.216	0.187				<i>SNX18</i>	1stExon
cg08114317	1	1,935,535	1.44E-05	0.216	0.199				<i>KIAA1751</i>	TSS1500

cg15665928	3	138,658,345	0.001113	0.216	0.273					
cg18555698	11	12,699,172	5.1E-11	0.216	0.214				<i>TEAD1</i>	5'UTR
cg19987356	17	40,823,930	9.1E-07	0.216	0.213				<i>PLEKHH3</i>	Body
cg07178969	11	59,323,439	0.007324	0.216	0.217					
cg08729178	15	93,633,249	0.000284	0.216	0.173				<i>RGMA</i>	TSS1500
cg25839439	1	19,764,480	1.47E-08	0.216	0.222				<i>CAPZB</i>	Body
cg12737497	18	56,530,420	3.07E-05	0.216	0.127				<i>ZNF532</i>	5'UTR
cg05377839	3	61,833,671	2.36E-08	0.216	0.227				<i>PTPRG</i>	Body
cg20353227	15	67,430,416	5.24E-13	0.216	0.205				<i>SMAD3</i>	Body
cg05389174	22	20,192,371	9.38E-13	0.216	0.228				<i>LOC150197</i>	TSS1500
cg13238479	13	36,049,673	0.013029	0.216	0.195				<i>MAB21L1</i>	1stExon
cg23136139	10	43,697,918	4.09E-26	0.216	0.214				<i>RASGEF1A</i>	Body
cg25313172	12	52,627,272	1.31E-05	0.216	0.206				<i>KRT7</i>	1stExon
cg04617948	10	129,535,138	0.000264	0.216	0.199				<i>FOXI2</i>	TSS1500
cg07053014	6	44,187,132	0.043077	0.216	0.143				<i>SLC29A1</i>	TSS200
cg26485937	5	140,802,432	0.000108	0.216	0.242				<i>PCDHGA4</i>	Body
cg04386144	6	43,970,475	0.046994	0.216	0.189				<i>C6orf223</i>	Body
cg03574306	16	85,470,662	0.001436	0.216	0.168					
cg07793808	12	122,019,006	0.022499	0.216	0.194				<i>KDM2B</i>	TSS200
cg09712756	6	125,276,550	2.17E-15	0.216	0.205				<i>STL</i>	Body
cg27624471	18	77,280,171	0.000828	0.216	0.203				<i>NFATC1</i>	Body
cg00997251	5	142,444,988	1.02E-07	0.216	0.210				<i>ARHGAP26</i>	Body
cg02919422	8	55,370,544	0.000994	0.216	0.253	1.26E-26	0.229		<i>SOX17</i>	5'UTR
cg06600725	12	48,690,915	0.004977	0.216	0.229					
cg08196968	19	38,746,749	0.010002	0.216	0.180				<i>PPP1R14A</i>	Body
cg10289074	14	24,682,916	0.000413	0.216	0.146				<i>CHMP4A</i>	1stExon
cg12428326	20	39,807,896	0.000271	0.216	0.220				<i>ZHX3</i>	3'UTR
cg13702222	3	152,017,240	0.002047	0.216	0.186				<i>MBNL1</i>	1stExon
cg24378227	6	1,396,771	5.85E-06	0.216	0.191					
cg24823222	10	30,247,300	5.88E-21	0.216	0.225					
cg26036018	1	65,641,680	0.000169	0.216	0.257				<i>AK3L1</i>	Body
cg26389053	11	67,815,280	9.22E-09	0.216	0.218				<i>TCIRG1</i>	Body
cg01166145	4	55,093,692	0.000148	0.216	0.208					
cg02812767	15	74,218,468	4.74E-12	0.216	0.195				<i>LOXL1</i>	TSS1500

cg15113766	1	155,290,418	3.05E-05	0.216	0.167				<i>RUSC1</i>	TSS1500
cg13656878	9	119,048,807	4.08E-06	0.216	0.196				<i>PAPPA</i>	Body
cg08405119	4	53,728,999	2.11E-07	0.216	0.209				<i>RASL11B</i>	Body
cg08621611	16	10,277,254	0.016248	0.216	0.258				<i>GRIN2A</i>	TSS1500
cg13974394	5	1,882,188	2.63E-07	0.216	0.235				<i>IRX4</i>	Body
cg21863888	6	31,127,173	8.77E-05	0.216	0.225				<i>TCF19</i>	5'UTR
cg02488338	5	63,798,214	6.49E-05	0.216	0.197					
cg11205173	4	1,775,077	8.26E-10	0.216	0.219					
cg13367647	1	155,213,714	0.003722	0.216	0.211				<i>GBA</i>	5'UTR
cg01211283	8	22,735,276	0.029711	0.216	0.036				<i>PEBP4</i>	Body
cg05820959	7	151,248,135	4.84E-10	0.216	0.198					
cg13304350	17	43,084,426	0.005274	0.216	0.292					
cg00184376	13	28,499,045	0.000902	0.215	0.157				<i>PDX1</i>	3'UTR
cg00624418	5	1,282,357	0.045418	0.215	0.062				<i>TERT</i>	Body
cg07084163	5	36,066,783	0.000114	0.215	0.193	1.46E-16	0.175		<i>UGT3A2</i>	Body
cg11960377	11	3,167,827	8.54E-28	0.215	0.216				<i>OSBPL5</i>	5'UTR
cg25775322	4	154,710,373	0.018515	0.215	0.285				<i>SFRP2</i>	TSS200
cg07042014	14	24,783,620	0.002814	0.215	0.203				<i>LTB4R</i>	5'UTR
cg07483989	9	33,751,159	0.000694	0.215	0.206				<i>PRSS3</i>	Body
cg25849196	2	175,198,280	0.013346	0.215	0.278					
cg12145349	11	63,712,934	7.96E-17	0.215	0.212				<i>NAA40</i>	Body
cg12896318	5	173,395,358	2.02E-12	0.215	0.209			Yes		
cg14088142	5	138,923,113	0.000309	0.215	0.186					
cg00886387	13	44,729,868	8.5E-12	0.215	0.208					
cg12473916	1	154,943,651	5.6E-06	0.215	0.249				<i>SHC1</i>	5'UTR
cg16353350	10	75,683,980	3.85E-08	0.215	0.209				<i>C10orf55</i>	TSS1500
cg25732028	17	46,619,313	0.000225	0.215	0.197					
cg26385222	7	150,497,077	0.00094	0.215	0.144	9.43E-20	0.162		<i>TMEM176B</i>	TSS1500
cg24644902	10	77,036,275	0.044631	0.215	0.250					
cg04085447	19	35,773,328	0.001887	0.215	0.257				<i>HAMP</i>	TSS200
cg05021589	6	6,588,931	4.07E-06	0.215	0.191				<i>LY86</i>	TSS200
cg05291966	16	52,742,008	3.99E-06	0.215	0.184					
cg00960263	5	15,501,678	0.042662	0.215	0.137				<i>FBXL7</i>	Body
cg00931874	13	113,274,535	3.17E-05	0.215	0.210					

cg05720733	16	84,829,007	7.01E-11	0.215	0.190					
cg18147233	1	970,294	2.03E-11	0.215	0.201				<i>AGRN</i>	Body
cg21762589	10	133,796,476	0.000327	0.215	0.169	1.02E-18	0.182		<i>BNIP3</i>	TSS1500
cg25651608	3	42,073,868	0.02413	0.215	0.063					
cg00790395	10	94,822,172	0.021563	0.215	0.161				<i>CYP26C1</i>	Body
cg00883311	2	62,932,096	0.008488	0.215	0.076				<i>EHBP1</i>	TSS1500
cg23683800	10	115,086,103	0.006148	0.215	0.210					
cg24727114	4	124,707,571	0.000171	0.215	0.179				<i>LOC285419</i>	Body
cg04127044	10	47,083,355	0.000519	0.215	0.094				<i>PPYR1</i>	TSS200
cg07135032	1	165,322,099	8.71E-06	0.215	0.179				<i>LMX1A</i>	Body
cg21708738	2	42,175,351	4.34E-05	0.215	0.244					
cg21916479	3	194,024,145	0.002381	0.215	0.207				<i>LOC100131551</i>	Body
cg23940612	2	218,898,788	0.000193	0.215	0.239					
cg26581714	4	52,943,247	0.003405	0.215	0.218				<i>SPATA18</i>	Body
cg12526091	12	58,245,042	4.33E-08	0.215	0.205					
cg19200515	6	45,609,499	0.000657	0.215	0.170					
cg23013473	17	77,881,799	1.21E-12	0.215	0.191					
cg15118606	1	14,954,053	0.007111	0.215	0.153				<i>KIAA1026</i>	Body
cg20976526	8	101,118,021	2.48E-06	0.215	0.221				<i>RGS22</i>	Body
cg22961747	17	28,973,565	0.000648	0.215	0.170					
cg02486145	2	38,334,178	4.15E-07	0.215	0.211					
cg02211519	11	2,407,267	2.87E-14	0.215	0.224				<i>CD81</i>	Body
cg13364230	1	35,258,779	0.000188	0.215	0.224				<i>GJA4</i>	5'UTR
cg17465423	12	54,784,180	5.68E-07	0.215	0.165				<i>ZNF385A</i>	Body
cg05349245	4	140,201,539	8.51E-09	0.215	0.213				<i>C4orf49</i>	TSS200
cg09093210	12	57,619,199	0.003363	0.215	0.157				<i>NXPH4</i>	Body
cg16680438	1	16,553,549	0.002229	0.215	0.211					
cg19065177	5	140,105,648	0.022155	0.215	0.193				<i>VTRNA1-3</i>	TSS200
cg23316253	10	8,076,277	0.001808	0.215	0.254					
cg23546474	2	223,163,033	2.29E-06	0.215	0.192				<i>PAX3</i>	Body
cg06111454	14	24,837,836	0.026162	0.215	0.274	1.08E-13	0.206		<i>NFATC4</i>	Body
cg18709306	2	106,431,541	1.98E-05	0.215	0.248				<i>NCK2</i>	5'UTR
cg21926782	3	49,459,909	1.55E-09	0.215	0.209				<i>AMT</i>	Body
cg22262757	15	86,632,956	4.7E-06	0.215	0.218					

cg22956023	2	96,675,729	0.001162	0.215	0.144				<i>LOC729234</i>	TSS1500
cg05527530	1	197,882,003	0.02914	0.215	0.254				<i>LHX9</i>	Body
cg27544190	21	33,785,434	0.000106	0.215	0.149	1.08E-26	0.138		<i>C21orf63</i>	Body
cg00615485	7	29,519,656	2.09E-07	0.215	0.211				<i>CHN2</i>	5'UTR
cg00965023	19	11,785,188	7.41E-06	0.215	0.162				<i>ZNF833</i>	Body
cg12157673	19	52,996,617	0.000953	0.215	0.189				<i>ZNF578</i>	5'UTR
cg19361800	2	208,014,177	5.83E-09	0.215	0.215				<i>KLF7</i>	Body
cg22805381	14	51,760,188	0.001279	0.215	0.238					
cg23875404	13	36,728,869	2.6E-07	0.215	0.175					
cg27050153	14	102,030,110	5.88E-05	0.215	0.189					
cg12335447	22	37,546,115	0.00011	0.215	0.177				<i>IL2RB</i>	TSS200
cg18877667	17	48,051,089	0.000155	0.215	0.185				<i>DLX4</i>	Body
cg02898293	20	25,061,762	4.77E-05	0.215	0.193				<i>VSX1</i>	Body
cg08078648	2	236,236,591	0.000565	0.215	0.209					
cg10270306	6	151,561,032	2.89E-07	0.215	0.210				<i>AKAP12</i>	TSS200
cg15822982	10	95,517,895	0.007146	0.215	0.226				<i>LGI1</i>	5'UTR
cg18229767	11	67,776,576	1.77E-07	0.215	0.232				<i>ALDH3B1</i>	TSS1500
cg14913644	19	11,530,065	0.003016	0.215	0.218				<i>RGL3</i>	TSS200
cg00849610	17	59,529,316	7.88E-05	0.215	0.206					
cg01767631	13	20,716,728	0.002899	0.215	0.189				<i>GJA3</i>	Body
cg14763104	11	2,406,384	3.06E-08	0.215	0.191				<i>CD81</i>	Body
cg04094225	6	24,930,971	4.99E-06	0.215	0.250					
cg18392644	1	1,951,466	0.000272	0.215	0.223				<i>GABRD</i>	Body
cg25636478	20	6,750,989	0.0008	0.215	0.158				<i>BMP2</i>	Body
cg00221382	16	54,322,308	2.24E-07	0.215	0.178					
cg08817983	4	3,391,423	2.3E-10	0.215	0.208				<i>RGS12</i>	Body
cg03703733	6	168,147,981	3.24E-23	0.215	0.203					
cg17884766	12	50,641,260	1.3E-05	0.215	0.252				<i>LIMA1</i>	Body
cg21686171	1	9,504,429	6.08E-13	0.215	0.199					
cg07402310	17	40,424,590	1.6E-07	0.215	0.232				<i>STAT5B</i>	5'UTR
cg13632655	7	158,266,097	1.54E-07	0.215	0.189				<i>PTPRN2</i>	Body
cg19119594	22	45,094,547	8.5E-08	0.215	0.198				<i>PRR5</i>	5'UTR
cg26678920	11	6,341,888	0.000705	0.215	0.205				<i>PRKCDBP</i>	TSS200
cg01627669	12	8,068,706	0.003696	0.215	0.148					

cg09435415	8	105,479,383	0.026648	0.215	0.193				<i>DPYS</i>	TSS200
cg18736431	2	240,253,264	1.49E-11	0.215	0.204				<i>HDAC4</i>	Body
cg08474859	4	85,414,016	0.000413	0.215	0.244					
cg16459349	11	6,341,717	0.00797	0.215	0.262				<i>PRKCDBP</i>	5'UTR
cg00094412	6	29,592,854	2.76E-07	0.215	0.223				<i>GABBR1</i>	Body
cg11345143	13	20,989,349	2.17E-13	0.215	0.195				<i>CRYL1</i>	Body
cg24100636	12	3,600,087	0.045004	0.215	0.197				<i>PRMT8</i>	TSS1500
cg03205238	2	128,440,053	8.71E-23	0.215	0.219				<i>LIMS2</i>	TSS1500
cg14129735	6	30,737,007	7.4E-05	0.215	0.205					
cg21275283	17	18,011,513	2.19E-06	0.215	0.239				<i>MYO15A</i>	TSS1500
cg13282837	14	96,180,648	0.01059	0.215	0.211	4.77E-13	0.158		<i>TCL1A</i>	TSS200
cg17738010	2	3,452,437	0.000551	0.215	0.196				<i>TTC15</i>	Body
cg26783160	8	140,871,183	3.74E-38	0.215	0.209				<i>TRAPPC9</i>	Body
cg05000748	21	36,399,146	2.48E-05	0.215	0.219				<i>RUNX1</i>	Body
cg20038996	4	41,883,107	0.004682	0.215	0.286					
cg21151432	2	25,142,229	0.03873	0.215	0.144				<i>ADCY3</i>	TSS200
cg02198895	13	110,759,424	1.04E-07	0.215	0.184					
cg17936572	3	35,706,114	0.004967	0.215	0.233				<i>ARPP-21</i>	5'UTR
cg22375853	17	58,928,702	1.56E-12	0.215	0.199				<i>BCAS3</i>	Body
cg25970832	18	28,621,651	0.031461	0.215	0.167				<i>DSC3</i>	Body
cg01441113	4	186,560,403	1.14E-05	0.215	0.186				<i>SORBS2</i>	Body
cg20440891	7	28,448,103	3.61E-09	0.215	0.171				<i>CREB5</i>	5'UTR
cg00590620	18	12,254,690	0.002906	0.215	0.225				<i>CIDEA</i>	Body
cg10640333	2	63,280,625	0.000118	0.215	0.209				<i>OTX1</i>	Body
cg04219544	17	38,860,042	0.005952	0.215	0.271				<i>KRT24</i>	TSS200
cg04939673	4	184,019,125	1E-05	0.215	0.199				<i>C4orf38</i>	Body
cg06995715	16	86,612,590	1.04E-05	0.215	0.167	2.15E-12	0.177		<i>FOXL1</i>	1stExon
cg19577671	19	42,782,524	1.16E-20	0.215	0.216					
cg21151355	1	35,246,607	0.000225	0.215	0.159				<i>GJB3</i>	TSS200
cg02260710	16	85,730,584	0.000266	0.215	0.221					
cg04843067	2	177,016,037	5.34E-07	0.215	0.180				<i>HOXD4</i>	TSS200
cg17178175	2	178,109,973	8.04E-06	0.215	0.214				<i>NFE2L2</i>	Body
cg17275781	14	103,740,085	0.003003	0.215	0.236					
cg22264436	17	41,836,423	1.67E-05	0.215	0.188	7.77E-20	0.178		<i>SOST</i>	TSS1500

cg25696974	6	33,396,405	1.09E-05	0.215	0.185				<i>SYNGAP1</i>	Body
cg06875552	2	177,320,218	1.7E-06	0.215	0.198					
cg10140454	17	17,626,019	2.77E-08	0.215	0.222				<i>RAI1</i>	5'UTR
cg02284014	6	41,674,099	0.009154	0.215	0.208				<i>TFEB</i>	5'UTR
cg22344841	2	20,421,656	0.001838	0.215	0.248				<i>SDC1</i>	Body
cg08570118	7	155,025,533	1.45E-06	0.215	0.180					
cg10406414	8	49,587,029	4.44E-10	0.215	0.202					
cg24938761	19	2,091,406	8E-10	0.215	0.199				<i>MOBKL2A</i>	5'UTR
cg02318567	16	31,548,908	0.026266	0.215	0.245					
cg02551743	2	66,673,428	1.23E-05	0.215	0.207				<i>MEIS1</i>	Body
cg06756919	14	37,135,898	0.002399	0.215	0.151				<i>PAX9</i>	Body
cg00871371	17	75,371,476	5.78E-05	0.215	0.188				<i>SEPT9</i>	5'UTR
cg03491584	19	17,958,961	0.00034	0.215	0.162				<i>JAK3</i>	TSS200
cg14832908	1	6,479,424	0.000409	0.215	0.134				<i>HES2</i>	Body
cg15798221	17	62,773,704	2.67E-10	0.215	0.198				<i>LOC146880</i>	Body
cg08527797	12	53,730,072	8.52E-06	0.215	0.214				<i>SP7</i>	TSS1500
cg13847070	5	137,071,523	0.042498	0.215	0.039	0.00026383	0.114		<i>KLHL3</i>	5'UTR
cg21475402	1	156,612,140	0.01261	0.215	0.173	0.00000414	0.114		<i>BCAN</i>	5'UTR
cg09332960	2	1,787,990	0.001532	0.215	0.187					
cg09595020	7	2,654,120	0.000309	0.215	0.173				<i>IQCE</i>	3'UTR
cg11149930	2	119,593,625	0.017	0.215	0.236					
cg02880444	17	29,860,851	1.93E-09	0.215	0.251				<i>RAB11FIP4</i>	3'UTR
cg16484162	11	8,133,258	2.03E-08	0.215	0.204				<i>RIC3</i>	Body
cg16528895	2	108,994,311	0.004385	0.215	0.120				<i>SULT1C4</i>	TSS200
cg18064256	19	45,905,621	2.01E-13	0.215	0.219				<i>PPP1R13L</i>	5'UTR
cg18470295	17	8,868,834	0.017146	0.215	0.067				<i>PIK3R5</i>	5'UTR
cg06697175	11	110,047,230	4.71E-05	0.215	0.272					
cg27310831	8	120,685,124	4.11E-09	0.215	0.202					
cg02299195	11	48,185,069	1.18E-40	0.215	0.216				<i>PTPRJ</i>	Body
cg00000321	8	41,167,802	1.73E-05	0.215	0.172				<i>SFRP1</i>	TSS1500
cg15357156	1	23,884,373	6.92E-07	0.215	0.215					
cg24717935	3	27,756,281	0.025921	0.215	0.150					
cg26820636	2	237,083,222	2.05E-05	0.215	0.208					
cg00201133	10	35,740,216	1.25E-08	0.215	0.201				<i>CCNY</i>	Body

cg01782097	1	846,637	1.57E-09	0.215	0.218					
cg18792381	5	179,781,547	1.19E-10	0.215	0.204				<i>GFPT2</i>	TSS1500
cg03707308	6	6,002,766	0.031597	0.215	0.274				<i>NRN1</i>	Body
cg06493386	8	72,987,797	0.000559	0.215	0.225	7E-25	0.195		<i>TRPA1</i>	1stExon
cg07598052	20	35,274,639	2.75E-06	0.215	0.222				<i>SLA2</i>	TSS200
cg11547613	8	38,308,427	3.07E-09	0.215	0.218				<i>FGFR1</i>	Body
cg23164938	6	152,128,366	0.028919	0.215	0.094				<i>ESR1</i>	TSS1500
cg21411812	8	67,875,646	1.28E-05	0.215	0.228					
cg15353061	14	51,562,486	0.001656	0.215	0.114				<i>TRIM9</i>	TSS200
cg01853949	16	66,537,403	2.02E-14	0.215	0.208					
cg16458153	6	33,160,192	1.41E-15	0.215	0.187				<i>COL11A2</i>	5'UTR
cg17159058	8	1,704,075	0.002406	0.215	0.185					
cg02304233	1	147,070,522	0.002866	0.215	0.140				<i>BCL9</i>	5'UTR
cg17447502	1	6,478,857	7.98E-05	0.215	0.169				<i>HES2</i>	3'UTR
cg01456368	3	52,351,859	0.00728	0.215	0.201				<i>DNAH1</i>	5'UTR
cg13696609	9	100,617,710	0.000564	0.215	0.193				<i>FOXE1</i>	3'UTR
cg15883603	4	186,622,408	1.78E-15	0.215	0.212				<i>SORBS2</i>	5'UTR
cg09703136	4	173,995,054	3.5E-08	0.215	0.213					
cg20719980	2	36,616,441	0.001898	0.215	0.164				<i>CRIM1</i>	Body
cg01701555	1	146,544,097	1.48E-05	0.215	0.204					
cg03469471	7	150,707,830	0.000305	0.215	0.232			Yes	<i>NOS3</i>	Body
cg11698035	17	73,105,356	2.54E-09	0.215	0.207				<i>ARMC7</i>	TSS1500
cg12782933	11	116,451,038	0.002009	0.215	0.204					
cg16498391	18	12,421,072	8.2E-10	0.215	0.189				<i>SLMO1</i>	Body
cg03020545	6	73,330,358	0.002715	0.215	0.246				<i>KCNQ5</i>	TSS1500
cg10208654	X	135,230,613	2.68E-05	0.215	0.216				<i>FHL1</i>	Body
cg24172675	14	105,830,248	1.14E-13	0.215	0.212				<i>PACS2</i>	Body
cg25170822	12	50,344,458	9.7E-19	0.215	0.203				<i>AQP2</i>	TSS200
cg04139223	5	528,962	0.03554	0.215	0.256					
cg21051580	7	4,998,415	4.04E-05	0.215	0.196				<i>MMD2</i>	Body
cg23037132	1	40,105,664	6.87E-05	0.215	0.220				<i>HEYL</i>	TSS1500
cg23281803	8	121,138,317	0.005266	0.215	0.236				<i>COL14A1</i>	5'UTR
cg12309360	5	177,412,636	3.07E-05	0.215	0.211					
cg16597406	17	8,130,173	0.001085	0.215	0.174				<i>C17orf68</i>	3'UTR



cg08681924	3	62,359,924	0.025832	0.215	0.198				<i>FEZF2</i>	TSS1500
cg25658884	6	88,054,637	0.000623	0.215	0.191				<i>C6orf163</i>	1stExon
cg12049550	1	65,035,261	1.3E-07	0.215	0.188				<i>CACHD1</i>	Body
cg22171829	7	95,225,520	0.033742	0.215	0.297	6.03E-09	0.163		<i>PDK4</i>	1stExon
cg24804144	15	101,203,595	6.02E-07	0.215	0.216					
cg25758690	17	21,414,701	0.001813	0.215	0.226					
cg04855216	5	118,609,467	6.78E-05	0.215	0.246				<i>TNFAIP8</i>	Body
cg05525649	6	32,156,269	3.04E-37	0.215	0.210				<i>PBX2</i>	Body
cg06925882	16	85,157,885	2.08E-18	0.215	0.206					
cg09624466	14	57,278,710	0.032947	0.215	0.285				<i>OTX2OS1</i>	TSS1500
cg13286614	7	96,655,501	3.88E-10	0.215	0.205				<i>DLX5</i>	TSS1500
cg15541170	2	238,224,257	0.000126	0.215	0.205					
cg19059839	6	33,085,577	7.27E-05	0.215	0.224				<i>HLA-DPB2</i>	Body
cg19251600	6	168,672,660	1.04E-11	0.215	0.213					
cg23622616	2	236,444,259	7.59E-06	0.215	0.198				<i>AGAP1</i>	Body
cg24185357	10	38,069,909	5.41E-05	0.215	0.212					
cg25037841	22	20,237,341	2.04E-06	0.215	0.207				<i>RTN4R</i>	Body
cg00768993	2	200,335,874	0.018647	0.215	0.178				<i>FLJ32063</i>	Body
cg10009497	7	1,095,416	1.45E-11	0.215	0.216				<i>C7orf50</i>	Body
cg15605858	15	29,395,932	0.000745	0.215	0.175				<i>APBA2</i>	Body
cg26431815	8	668,053	0.003388	0.215	0.194				<i>ERICH1</i>	Body
cg24199834	4	147,560,126	0.035965	0.215	0.195	2.29E-14	0.179		<i>POU4F2</i>	1stExon
cg00502254	1	12,201,600	4.43E-07	0.215	0.178				<i>TNFRSF8</i>	Body
cg22469388	17	48,912,860	4.42E-05	0.215	0.255				<i>WFIKKN2</i>	1stExon
cg02992546	18	14,748,439	0.011611	0.215	0.188				<i>ANKRD30B</i>	1stExon
cg04051565	2	171,211,176	2.34E-06	0.215	0.188				<i>MYO3B</i>	Body
cg27059389	8	10,855,370	0.001889	0.215	0.179				<i>XKR6</i>	Body
cg03387346	5	54,526,536	6.54E-05	0.215	0.218					
cg14679780	19	4,059,525	9.76E-11	0.215	0.232				<i>ZBTB7A</i>	5'UTR
cg04792330	20	21,001,266	0.022557	0.215	0.172					
cg07289335	5	158,937,447	4.27E-05	0.215	0.170					
cg13734833	11	68,779,817	5.53E-11	0.215	0.211				<i>MRGPRF</i>	5'UTR
cg06288788	16	65,158,052	0.003908	0.215	0.202					
cg17366225	4	11,398,983	1.4E-07	0.215	0.225					

cg02003272	13	50,702,719	1.57E-08	0.215	0.195					
cg19317715	17	40,996,578	1.79E-05	0.215	0.216	6.23E-15	0.179		<i>AOC2</i>	TSS200
cg11122255	10	24,995,583	0.000277	0.215	0.214				<i>ARHGAP21</i>	Body
cg00636508	16	70,624,430	1.35E-05	0.214	0.163					
cg20082877	18	19,926,966	0.000188	0.214	0.193					
cg18236079	17	13,505,590	0.035482	0.214	0.100	0.00208438	0.047		<i>HS3ST3A1</i>	TSS1500
cg12656424	2	18,923,186	4.4E-07	0.214	0.213					
cg19810715	17	55,483,844	0.000773	0.214	0.187				<i>MSI2</i>	Body
cg06284231	14	38,724,255	0.003533	0.214	0.264				<i>CLEC14A</i>	1stExon
cg27642554	6	146,755,622	0.028114	0.214	0.209				<i>GRM1</i>	3'UTR
cg13445593	6	30,228,076	0.003931	0.214	0.186				<i>HLA-L</i>	Body
cg02096793	4	683,148	3.43E-08	0.214	0.200				<i>MFSD7</i>	TSS200
cg05171197	2	240,230,850	2.11E-13	0.214	0.217				<i>HDAC4</i>	Body
cg09918751	15	100,517,450	2.65E-07	0.214	0.211				<i>ADAMTS17</i>	Body
cg18645081	1	221,051,758	4.38E-07	0.214	0.200				<i>HLX</i>	TSS1500
cg01357292	3	42,947,771	0.034234	0.214	0.145				<i>ZNF662</i>	5'UTR
cg20785336	13	28,064,505	3.07E-05	0.214	0.214					
cg10099827	16	85,551,514	5.65E-36	0.214	0.213					
cg23121457	15	80,543,983	0.001342	0.214	0.124					
cg14990808	6	28,493,651	4.81E-14	0.214	0.230				<i>GPX5</i>	TSS200
cg17278072	7	155,258,411	0.014117	0.214	0.273					
cg23894086	7	27,128,046	1.38E-06	0.214	0.222					
cg13858975	15	52,016,644	9.24E-07	0.214	0.220				<i>LYSMD2</i>	Body
cg16129132	11	3,182,119	2.7E-10	0.214	0.203				<i>OSBPL5</i>	5'UTR
cg20459495	2	159,779,958	0.005056	0.214	0.145					
cg12850036	6	114,177,329	0.013857	0.214	0.158				<i>MARCKS</i>	TSS1500
cg19951297	5	138,441,071	2.16E-11	0.214	0.190				<i>SIL1</i>	Body
cg23554497	12	103,359,836	0.020833	0.214	0.210					
cg09313931	6	149,803,444	8.1E-07	0.214	0.212				<i>ZC3H12D</i>	5'UTR
cg10180092	3	171,002,363	1.24E-05	0.214	0.207				<i>TNIK</i>	Body
cg18065195	2	202,817,042	0.0072	0.214	0.165					
cg00445405	2	63,281,844	1.34E-05	0.214	0.198				<i>OTX1</i>	Body
cg04914930	13	44,785,481	1.83E-09	0.214	0.222					
cg24039081	3	197,155,143	2.38E-05	0.214	0.191					

cg08480367	X	38,080,608	9.84E-06	0.214	0.212				SRPX	TSS1500
cg26159832	14	103,822,211	2.1E-06	0.214	0.162					
cg10540679	7	130,606,499	0.006182	0.214	0.218					
cg18515031	10	73,988,469	1.04E-11	0.214	0.237				C10orf104	Body
cg21082400	5	72,595,958	0.000305	0.214	0.203					
cg13591408	12	104,920,290	1.88E-06	0.214	0.193				CHST11	Body
cg24824178	5	141,263,222	0.03402	0.214	0.277					
cg08420415	22	38,477,802	0.002685	0.214	0.177				SLC16A8	Body
cg16597737	1	173,572,370	2.43E-12	0.214	0.197				SLC9A11	TSS200
cg14543998	20	3,220,719	0.000396	0.214	0.216					
cg01298678	9	126,772,537	0.004638	0.214	0.212				LHX2	TSS1500
cg04639241	8	129,031,355	2.15E-08	0.214	0.221				PVT1	Body
cg05732832	4	4,868,723	0.011522	0.214	0.240					
cg13284574	1	6,519,923	8.77E-05	0.214	0.210				ESPN	Body
cg25130385	9	135,646,027	2.54E-06	0.214	0.204				C9orf98	Body
cg13558774	4	1,196,025	4.95E-08	0.214	0.196				LOC100130872	Body
cg19815340	3	27,770,391	7.66E-06	0.214	0.158					
cg01541347	7	4,729,920	2.29E-11	0.214	0.200				FOKK1	Body
cg08433011	21	36,399,540	1.77E-05	0.214	0.224				RUNX1	Body
cg09128529	2	227,586,520	6.53E-11	0.214	0.197					
cg11298786	1	228,195,794	0.000468	0.214	0.222				WNT3A	Body
cg15856599	14	42,074,503	0.004961	0.214	0.269					
cg08655662	6	41,438,590	3.37E-05	0.214	0.211					
cg19821124	14	95,927,475	0.005754	0.214	0.196				C14orf49	Body
cg05355411	8	70,449,272	0.000266	0.214	0.209				SULF1	5'UTR
cg18642271	19	46,180,314	0.000844	0.214	0.172				GIPR	Body
cg01862363	17	8,928,028	5.33E-21	0.214	0.177				NTN1	Body
cg08466034	17	16,318,930	0.002944	0.214	0.242				TRPV2	1stExon
cg10933494	6	28,983,143	0.025325	0.214	0.135					
cg06145195	X	152,107,440	3.16E-07	0.214	0.194				ZNF185	Body
cg17587456	6	168,674,852	1.49E-07	0.214	0.193					
cg13584244	9	124,030,048	0.003647	0.214	0.084				GSN	TSS1500
cg27098470	22	42,828,411	2.02E-17	0.214	0.201				NFAM1	TSS200
cg25845597	6	27,841,122	0.038379	0.214	0.243				HIST1H4L	1stExon

cg06729034	15	51,339,830	1.64E-14	0.214	0.199					
cg27470066	17	59,485,779	4.69E-07	0.214	0.200				<i>TBX2</i>	Body
cg12226033	13	44,906,847	0.002608	0.214	0.237					
cg13272465	4	140,200,658	0.039161	0.214	0.219				<i>C4orf49</i>	Body
cg04132146	6	87,862,158	0.003949	0.214	0.150					
cg06691520	10	95,517,738	4.58E-05	0.214	0.212				<i>LGI1</i>	5'UTR
cg05942459	6	101,846,805	5.2E-07	0.214	0.198				<i>GRIK2</i>	TSS200
cg12057576	15	78,918,529	0.000148	0.214	0.214				<i>CHRN4</i>	Body
cg22873661	14	88,788,597	0.044026	0.214	0.196				<i>KCNK10</i>	Body
cg22892607	10	8,102,583	0.01373	0.214	0.162				<i>GATA3</i>	Body
cg02571816	19	38,747,378	0.015584	0.214	0.237				<i>PPP1R14A</i>	TSS1500
cg12355681	13	99,404,153	0.001252	0.214	0.212				<i>SLC15A1</i>	Body
cg12857945	14	37,127,275	3.67E-06	0.214	0.217				<i>PAX9</i>	5'UTR
cg22482700	1	68,594,186	0.007153	0.214	0.257				<i>GPR177</i>	Body
cg16519587	6	26,614,649	0.002273	0.214	0.189					
cg15135762	2	66,805,086	0.041761	0.214	0.255					
cg11679455	10	8,100,761	7.03E-06	0.214	0.206				<i>GATA3</i>	Body
cg11445123	20	2,781,478	0.017534	0.214	0.155				<i>CPXM1</i>	TSS200
cg00073090	19	1,265,879	9.22E-09	0.214	0.206					
cg06487082	18	56,530,106	7.72E-06	0.214	0.134				<i>ZNF532</i>	1stExon
cg10997718	2	162,275,690	0.032014	0.214	0.217				<i>TBR1</i>	Body
cg16865965	2	85,811,662	1.86E-05	0.214	0.215				<i>VAMP5</i>	Body
cg24769879	19	46,503,907	0.002717	0.214	0.173				<i>CCDC61</i>	Body
cg00503298	1	47,263,713	0.000577	0.214	0.199				<i>CYP4B1</i>	TSS1500
cg01765545	5	81,045,418	0.004182	0.214	0.226				<i>SSBP2</i>	Body
cg00547425	6	31,829,960	7.5E-06	0.214	0.153				<i>NEU1</i>	Body
cg04094148	11	129,244,523	2.54E-06	0.214	0.221				<i>BARX2</i>	TSS1500
cg07260592	6	161,100,122	0.006523	0.214	0.215	1.08E-29	0.266			
cg11877773	14	71,660,200	4.98E-16	0.214	0.205					
cg13801381	12	4,384,022	0.017627	0.214	0.201	1.71E-18	0.152		<i>CCND2</i>	Body
cg00527825	15	74,218,418	4.59E-12	0.214	0.214				<i>LOXL1</i>	TSS1500
cg00765737	13	110,993,493	1.48E-05	0.214	0.208				<i>COL4A2</i>	Body
cg01391084	2	149,645,372	7.84E-05	0.214	0.247				<i>KIF5C</i>	Body
cg22120063	5	72,596,188	0.002894	0.214	0.243					

cg01530605	3	181,414,848	0.001585	0.214	0.250				<i>SOX20T</i>	Body
cg03064067	12	85,306,916	0.017632	0.214	0.151	1.5E-19	0.164		<i>SLC6A15</i>	TSS1500
cg09868780	5	115,299,071	0.007218	0.214	0.249				<i>LVRN</i>	Body
cg12684209	6	393,110	0.018668	0.214	0.141				<i>IRF4</i>	5'UTR
cg16206090	18	20,916,335	4.72E-09	0.214	0.212				<i>C18orf45</i>	Body
cg00008488	5	175,199,915	0.018939	0.214	0.226					
cg12407867	4	1,167,369	2.76E-08	0.214	0.200				<i>LOC100130872-SPON2</i>	Body
cg15916160	16	54,972,094	0.022933	0.214	0.219					
cg04621521	7	99,332,765	3.51E-10	0.214	0.181				<i>CYP3A7</i>	5'UTR
cg10364630	19	36,132,567	0.004073	0.214	0.262				<i>ETV2</i>	TSS200
cg11058366	2	213,401,195	0.027512	0.214	0.099				<i>ERBB4</i>	Body
cg12810212	2	232,379,626	0.004591	0.214	0.109				<i>C2orf52</i>	TSS1500
cg22614327	1	17,750,198	4.05E-14	0.214	0.210				<i>RCC2</i>	Body
cg02792602	2	218,808,859	2.12E-15	0.214	0.212				<i>TNS1</i>	TSS200
cg11636504	2	99,439,883	1.38E-10	0.214	0.192				<i>C2orf55</i>	Body
cg24820936	8	101,270,745	0.000305	0.214	0.215				<i>RNF19A</i>	3'UTR
cg27179680	1	205,460,879	2.73E-08	0.214	0.209					
cg21469772	9	124,989,294	3.54E-05	0.214	0.208				<i>LHX6</i>	Body
cg01351032	16	10,971,191	3.54E-08	0.214	0.202	5.5E-30	0.166		<i>CIITA</i>	1stExon
cg03665078	5	118,689,961	1.19E-10	0.214	0.196				<i>TNFAIP8</i>	Body
cg08341874	17	4,689,655	0.001444	0.214	0.165	0.01485097	0.054		<i>VMO1</i>	1stExon
cg16957940	3	124,792,406	7.85E-13	0.214	0.187					
cg02903822	8	134,203,379	0.000189	0.214	0.270				<i>WISP1</i>	5'UTR
cg13826452	6	26,758,395	3.54E-05	0.214	0.224					
cg15765546	3	133,776,357	7E-08	0.214	0.211					
cg14009075	22	43,807,401	1.59E-06	0.214	0.189				<i>MPPED1</i>	TSS1500
cg26060817	5	14,406,676	7.33E-10	0.214	0.192				<i>TRIO</i>	Body
cg02819256	X	152,938,698	0.001558	0.214	0.236				<i>PNCK</i>	Body
cg04196298	17	1,480,710	0.014793	0.214	0.334				<i>SLC43A2</i>	Body
cg25590181	6	29,855,467	6.79E-07	0.214	0.226				<i>HLA-H</i>	Body
cg05789711	16	23,724,428	0.000107	0.214	0.251				<i>ERN2</i>	1stExon
cg11729679	2	111,877,065	4.99E-05	0.214	0.198				<i>BCL2L11</i>	TSS1500
cg14505585	22	17,082,770	0.047844	0.214	0.264				<i>psiTPTE22</i>	TSS200
cg00988247	3	169,378,758	3.25E-06	0.214	0.194				<i>MECOM</i>	Body

cg08548284	1	14,382,172	0.000982	0.214	0.228					
cg16245261	11	6,342,357	0.00161	0.214	0.197				<i>PRKCDBP</i>	TSS1500
cg19172487	22	44,394,856	5.37E-10	0.214	0.234				<i>PARVB</i>	TSS1500
cg00211625	3	169,554,913	4.57E-20	0.214	0.219				<i>LRRIQ4</i>	Body
cg03404742	16	58,314,575	0.000147	0.214	0.210				<i>KLKBL4</i>	Body
cg12728020	1	114,698,322	0.012529	0.214	0.230					
cg16399632	4	1,244,006	0.030015	0.214	0.123				<i>CTBP1</i>	TSS1500
cg02494945	17	59,535,723	3.38E-09	0.214	0.203				<i>TBX4</i>	Body
cg04102163	4	41,881,185	8.22E-06	0.214	0.199					
cg22532194	18	77,231,654	8.4E-05	0.214	0.240				<i>NFATC1</i>	Body
cg25884488	4	153,601,388	0.026342	0.214	0.195				<i>TMEM154</i>	TSS200
cg01293179	2	176,996,285	0.000755	0.214	0.172				<i>HOXD8</i>	Body
cg04439458	5	138,467,593	6.4E-10	0.214	0.184				<i>SIL1</i>	5'UTR
cg07047068	11	844,686	0.001754	0.214	0.147				<i>TSPAN4</i>	5'UTR
cg09804503	1	33,231,313	7.07E-20	0.214	0.197				<i>KIAA1522</i>	Body
cg12924654	7	138,348,384	5.72E-11	0.214	0.166				<i>SVOPL</i>	Body
cg03479715	14	62,584,513	0.032235	0.214	0.232				<i>FLJ43390</i>	Body
cg23696593	10	28,200,623	1.8E-09	0.214	0.213				<i>ARMC4</i>	Body
cg06254440	9	126,779,285	0.022169	0.214	0.222				<i>LHX2</i>	Body
cg09045262	1	19,600,817	2.36E-05	0.214	0.178				<i>AKR7L</i>	TSS1500
cg18449997	17	40,574,243	0.019654	0.214	0.293				<i>PTRF</i>	Body
cg10521767	1	237,116,052	0.024387	0.214	0.092					
cg13024368	11	12,030,088	0.003273	0.214	0.296				<i>DKK3</i>	1stExon
cg07680167	11	17,717,574	0.041968	0.214	0.253					
cg18085407	1	244,080,114	1.2E-14	0.214	0.195					
cg23359714	8	41,168,336	0.001235	0.214	0.196				<i>SFRP1</i>	TSS1500
cg09462240	4	1,409,497	0.001673	0.214	0.192					
cg16099023	6	58,148,810	3.32E-05	0.214	0.194					
cg20096204	3	169,378,675	7.1E-05	0.214	0.188				<i>MECOM</i>	Body
cg17711717	9	34,590,391	0.005664	0.214	0.175				<i>CNTFR</i>	TSS1500
cg00308159	22	28,198,591	6.33E-08	0.214	0.218				<i>MN1</i>	TSS1500
cg15975890	5	11,903,145	0.039119	0.214	0.156				<i>CTNND2</i>	Body
cg19692710	11	73,661,920	1.5E-05	0.214	0.231	1.77E-21	0.156		<i>DNAJB13</i>	1stExon
cg22480783	2	25,149,622	3.9E-05	0.214	0.190					

cg27314116	5	6,583,850	9.94E-08	0.214	0.198				<i>LOC255167</i>	Body
cg04242499	5	140,749,745	0.002943	0.214	0.227				<i>PCDHGA4</i>	Body
cg26047334	2	218,785,909	3.28E-06	0.214	0.230				<i>TNS1</i>	5'UTR
cg26537209	16	54,324,187	2.69E-05	0.214	0.160					
cg17328839	1	64,127,751	1.68E-05	0.214	0.193					
cg06456154	10	119,310,356	0.027909	0.214	0.273					
cg16309595	12	103,359,445	1.16E-05	0.214	0.196					
cg16311536	10	105,344,174	0.000798	0.214	0.211				<i>NEURL</i>	Body
cg20207470	17	37,366,501	4.93E-08	0.213	0.199					
cg25161512	7	95,026,066	0.000561	0.213	0.182				<i>PON3</i>	TSS1500
cg00610844	5	6,583,797	2.63E-05	0.213	0.193				<i>LOC255167</i>	Body
cg01587682	11	31,820,572	0.020624	0.213	0.222				<i>PAX6</i>	Body
cg03099208	7	8,474,544	0.001564	0.213	0.147				<i>NXPH1</i>	5'UTR
cg03310838	16	88,545,042	3.97E-09	0.213	0.208				<i>ZFPM1</i>	Body
cg06151464	2	179,278,855	0.042627	0.213	0.074				<i>MIR548N</i>	Body
cg19725553	7	43,797,898	0.025368	0.213	0.185				<i>BLVRA</i>	TSS1500
cg02888518	10	75,716,672	1.33E-06	0.213	0.181					
cg06183559	13	95,357,818	0.003347	0.213	0.220					
cg26502018	2	181,770,937	1.5E-12	0.213	0.189					
cg05071823	X	117,628,671	3.63E-09	0.213	0.207				<i>DOCK11</i>	TSS1500
cg10824810	16	54,967,714	0.021977	0.213	0.257				<i>IRX5</i>	Body
cg04370174	4	8,207,250	1.07E-10	0.213	0.208				<i>SH3TC1</i>	Body
cg21917728	6	41,471,064	1.02E-10	0.213	0.201					
cg11079129	5	172,669,916	0.019369	0.213	0.264					
cg17484733	2	85,362,030	0.00111	0.213	0.222				<i>TCF7L1</i>	Body
cg07237653	8	28,950,303	1.78E-17	0.213	0.183				<i>KIF13B</i>	Body
cg14783814	1	98,511,792	0.006949	0.213	0.248				<i>MIR137</i>	TSS200
cg19095568	15	41,062,113	1.84E-09	0.213	0.232				<i>DNAJC17</i>	Body
cg20493526	2	3,714,936	3.03E-05	0.213	0.216				<i>ALLC</i>	5'UTR
cg23907108	11	64,405,993	0.005465	0.213	0.126				<i>NRXN2</i>	Body
cg00787180	14	91,751,731	2.74E-05	0.213	0.196				<i>CCDC88C</i>	Body
cg04145287	1	26,552,102	0.004218	0.213	0.250					
cg12166018	15	72,564,196	0.013877	0.213	0.179				<i>PARP6</i>	TSS1500
cg25575628	10	7,709,639	0.001474	0.213	0.227				<i>ITIH5</i>	TSS1500

cg10631947	5	54,281,668	0.000351	0.213	0.228				<i>ESM1</i>	TSS1500
cg22473097	6	29,818,300	0.003097	0.213	0.189					
cg08801887	11	67,811,194	5.32E-11	0.213	0.226				<i>TCIRG1</i>	Body
cg11990630	13	100,641,978	8.82E-05	0.213	0.186					
cg23423191	5	171,524,525	7.02E-09	0.213	0.187				<i>STK10</i>	Body
cg10805039	17	750,241	0.017068	0.213	0.158				<i>NXN</i>	Body
cg25782375	6	108,442,906	0.000196	0.213	0.219					
cg12944183	14	104,073,931	0.008178	0.213	0.169					
cg00060374	1	1,355,235	1.4E-07	0.213	0.180				<i>LOC441869</i>	Body
cg01450807	13	73,715,706	1.27E-06	0.213	0.218					
cg14332524	14	65,770,225	2.08E-09	0.213	0.204			Yes		
cg05049448	7	2,321,355	2.12E-10	0.213	0.226				<i>SNX8</i>	Body
cg15590950	1	44,874,649	0.007532	0.213	0.256				<i>RNF220</i>	5'UTR
cg20402826	2	198,077,081	9.5E-13	0.213	0.202					
cg06693983	19	55,889,216	4.26E-05	0.213	0.195				<i>TMEM190</i>	Body
cg11481687	14	105,499,998	0.020543	0.213	0.258					
cg13476200	9	124,578,224	8.11E-11	0.213	0.203					
cg13967702	1	217,312,060	7.38E-11	0.213	0.198				<i>ESRRG</i>	TSS1500
cg24881289	17	40,822,424	7.04E-11	0.213	0.202				<i>PLEKHH3</i>	Body
cg01312762	22	42,222,192	7.27E-14	0.213	0.189				<i>CCDC134</i>	3'UTR
cg23654206	19	3,683,811	1.63E-05	0.213	0.168				<i>PIP5K1C</i>	Body
cg01109169	2	71,134,630	0.004814	0.213	0.201				<i>VAX2</i>	Body
cg11278311	17	4,544,507	7.33E-06	0.213	0.202				<i>ALOX15</i>	Body
cg23490300	2	41,461,406	4.47E-09	0.213	0.203					
cg04351088	2	225,183,651	0.018583	0.213	0.146					
cg14376836	9	94,606,638	2.25E-09	0.213	0.197				<i>ROR2</i>	Body
cg24427243	1	12,128,100	2.73E-06	0.213	0.197				<i>TNFRSF8</i>	Body
cg02469838	16	54,404,655	0.000305	0.213	0.198					
cg14046302	2	67,939,758	4.67E-07	0.213	0.188					
cg03014634	16	85,205,030	3.88E-11	0.213	0.226					
cg01569082	11	61,370,871	3.38E-13	0.213	0.193					
cg03693099	9	135,936,901	4.27E-07	0.213	0.204				<i>CEL</i>	TSS1500
cg10936879	10	74,397,277	0.000521	0.213	0.207					
cg07840446	4	169,690,674	3.37E-08	0.213	0.212				<i>PALLD</i>	Body



cg21205978	22	36,044,151	0.000768	0.213	0.155				<i>APOL6</i>	TSS1500
cg27287254	6	33,160,067	1.2E-05	0.213	0.183				<i>COL11A2</i>	5'UTR
cg00548824	2	3,452,407	0.000362	0.213	0.200				<i>TTC15</i>	Body
cg10143960	1	1,109,486	1.28E-06	0.213	0.200				<i>TLL10</i>	5'UTR
cg12492496	19	18,271,859	3.42E-07	0.213	0.154				<i>PIK3R2</i>	Body
cg14432269	8	67,873,343	0.000124	0.213	0.250					
cg27428414	10	99,343,942	0.000214	0.213	0.256				<i>DHDPSL</i>	TSS200
cg04010915	12	110,547,053	0.010319	0.213	0.275					
cg11220161	12	117,320,316	3.34E-06	0.213	0.170				<i>HRK</i>	TSS1500
cg14865868	2	12,856,040	0.041484	0.213	0.091	2.11E-16	0.151		<i>TRIB2</i>	TSS1500
cg24115032	20	57,089,953	2.71E-05	0.213	0.197				<i>APCDD1L</i>	TSS200
cg12820681	7	155,166,290	0.019123	0.213	0.210					
cg15171839	5	92,924,603	5.71E-06	0.213	0.185				<i>NR2F1</i>	Body
cg21959618	2	100,498,600	5.04E-05	0.213	0.202				<i>AFF3</i>	Body
cg06828335	10	79,238,225	4.31E-06	0.213	0.186				<i>KCNMA1</i>	Body
cg09557991	1	12,227,927	3.45E-05	0.213	0.210				<i>TNFRSF1B</i>	Body
cg18631330	17	79,899,941	6.18E-13	0.213	0.202				<i>MYADML2</i>	5'UTR
cg00859478	14	60,978,094	0.031955	0.213	0.234				<i>SIX6</i>	3'UTR
cg05726002	12	115,341,178	4.33E-12	0.213	0.187					
cg14253517	5	140,810,726	2.55E-05	0.213	0.221				<i>PCDHGA4</i>	Body
cg16197925	7	121,944,282	0.002604	0.213	0.189				<i>FEZF1</i>	1stExon
cg26351776	7	98,972,156	0.022487	0.213	0.119				<i>ARPC1B</i>	TSS200
cg00234625	5	177,811,648	4.24E-05	0.213	0.215				<i>COL23A1</i>	Body
cg02311864	6	47,215,645	2.38E-13	0.213	0.211				<i>TNFRSF21</i>	Body
cg24690094	11	67,383,802	0.000521	0.213	0.274					
cg04682133	1	55,681,841	8.19E-08	0.213	0.179				<i>USP24</i>	TSS1500
cg09571082	6	14,549,941	1.45E-09	0.213	0.187					
cg23894219	1	1,356,565	8.66E-09	0.213	0.201				<i>LOC441869</i>	1stExon
cg26216760	12	258,365	2.13E-08	0.213	0.192			Yes	<i>IQSEC3</i>	Body
cg27051315	2	238,864,959	0.001852	0.213	0.219					
cg27615603	16	31,213,045	3.07E-05	0.213	0.200				<i>PYCARD</i>	Body
cg00614617	17	8,921,074	0.032481	0.213	0.318					
cg06392733	16	85,215,643	2.05E-16	0.213	0.204					
cg09550809	5	78,407,562	1.96E-07	0.213	0.212				<i>BHMT</i>	TSS200

cg05484548	16	29,086,428	0.000201	0.213	0.200				<i>RRN3P2</i>	Body
cg01518246	11	63,870,912	3.52E-11	0.213	0.212				<i>FLRT1</i>	TSS1500
cg06166767	8	41,167,848	9.35E-09	0.213	0.169	0.0126121	0.035		<i>SFRP1</i>	TSS1500
cg06675144	5	127,552,620	1.44E-07	0.213	0.199					
cg14458815	22	23,484,001	4.25E-15	0.213	0.196				<i>RTDR1</i>	5'UTR
cg21446511	2	179,316,481	0.016121	0.213	0.235				<i>PRKRA</i>	TSS1500
cg02470690	6	27,839,548	0.043184	0.213	0.202					
cg09093931	8	98,880,926	0.002847	0.213	0.221				<i>MATN2</i>	TSS1500
cg15215155	7	128,473,311	2.24E-05	0.213	0.241				<i>FLNC</i>	Body
cg27190385	6	10,421,865	2.96E-05	0.213	0.215					
cg16039869	11	125,260,943	0.02728	0.213	0.225				<i>PKNOX2</i>	Body
cg17039369	21	46,341,006	4.86E-05	0.213	0.209				<i>ITGB2</i>	TSS200
cg03045635	4	9,783,198	0.008444	0.213	0.292				<i>DRD5</i>	TSS200
cg06508062	21	38,063,872	0.020442	0.213	0.250					
cg24318076	17	18,091,662	3.23E-07	0.213	0.207				<i>ALKBH5</i>	Body
cg02370877	8	76,316,876	1.29E-06	0.213	0.202					
cg03266686	2	47,716,097	2.17E-13	0.213	0.177					
cg09907170	2	111,877,177	1.07E-05	0.213	0.209				<i>BCL2L11</i>	TSS1500
cg10249734	17	80,292,079	2.02E-14	0.213	0.184	1.05E-15	0.146		<i>SECTM1</i>	TSS200
cg16394290	1	36,788,416	3.69E-06	0.213	0.209				<i>FAM176B</i>	Body
cg00013451	8	23,711,589	0.008741	0.213	0.112				<i>STC1</i>	Body
cg00183886	4	53,524,296	9.42E-10	0.213	0.207				<i>USP46</i>	Body
cg02659568	1	116,221,763	3.64E-09	0.213	0.206				<i>VANGL1</i>	Body
cg03785728	20	17,674,195	0.005833	0.213	0.220				<i>BANF2</i>	TSS200
cg19713947	1	200,005,635	0.002149	0.213	0.278				<i>NR5A2</i>	Body
cg25600933	12	118,031,023	0.0001	0.213	0.216				<i>KSR2</i>	Body
cg26978172	6	31,696,223	4.56E-07	0.213	0.230				<i>DDAH2</i>	Body
cg19223299	6	100,057,160	0.043495	0.213	0.310				<i>PRDM13</i>	Body
cg02433564	6	37,673,335	0.036289	0.213	0.231					
cg03553278	2	177,055,168	6.19E-07	0.213	0.179				<i>HOXD1</i>	3'UTR
cg12108798	1	1,173,916	6.91E-20	0.213	0.199					
cg15254238	10	70,321,874	3.47E-05	0.213	0.206				<i>TET1</i>	5'UTR
cg24026619	14	59,027,109	4.33E-06	0.213	0.214					
cg08415853	5	87,979,005	5.73E-05	0.213	0.248				<i>LOC645323</i>	Body

cg20663364	11	120,110,627	0.016183	0.213	0.229				<i>POU2F3</i>	TSS1500
cg00759329	1	82,208,723	1.72E-06	0.213	0.154					
cg01373911	1	6,269,367	7.53E-06	0.213	0.196				<i>RNF207</i>	Body
cg02780919	11	9,026,308	7.35E-09	0.213	0.209				<i>NRIP3</i>	TSS1500
cg11950754	1	53,782,077	1.34E-17	0.213	0.200				<i>LRP8</i>	Body
cg14504259	9	970,882	0.006691	0.213	0.221					
cg27316828	10	104,436,518	0.001071	0.213	0.220				<i>ARL3</i>	3'UTR
cg04694035	7	96,647,440	0.001992	0.213	0.240					
cg13596235	7	99,229,650	0.001828	0.213	0.237				<i>ZNF498</i>	3'UTR
cg14900246	2	112,655,153	2.77E-14	0.213	0.217				<i>MERTK</i>	TSS1500
cg01764559	11	8,337,383	0.001986	0.213	0.174					
cg10581650	10	100,155,032	2.78E-13	0.213	0.195				<i>MIR1287</i>	Body
cg15641162	4	185,942,800	0.002784	0.213	0.215					
cg00658151	1	31,368,797	1.21E-06	0.213	0.208				<i>SDC3</i>	Body
cg14950829	13	53,419,617	0.008707	0.213	0.165				<i>PCDH8</i>	Body
cg26566898	11	117,069,891	1.97E-15	0.213	0.217				<i>TAGLN</i>	TSS200
cg05389024	2	170,366,131	3.26E-06	0.213	0.215	1.84E-07	0.126		<i>KBTBD10</i>	TSS200
cg21069965	6	25,230,306	3.89E-11	0.213	0.233					
cg14841828	14	99,729,088	0.028282	0.213	0.208				<i>BCL11B</i>	Body
cg18857062	6	43,276,478	0.002337	0.213	0.178				<i>CRIP3</i>	Body
cg08562004	17	41,008,835	2.76E-12	0.213	0.205				<i>AOC3</i>	3'UTR
cg10943921	3	129,279,429	1.93E-11	0.213	0.210				<i>PLXND1</i>	Body
cg20309640	1	178,027,432	2.55E-05	0.213	0.219					
cg05155784	12	110,316,989	0.000589	0.213	0.182				<i>GLTP</i>	Body
cg06275853	11	20,617,937	0.011406	0.213	0.197					
cg21320768	13	50,070,766	1.21E-05	0.213	0.189				<i>PHF11</i>	Body
cg22224597	1	41,444,871	0.001513	0.213	0.238				<i>CTPS</i>	TSS200
cg02804819	19	49,238,364	3.82E-07	0.213	0.227				<i>RASIP1</i>	Body
cg07135660	5	133,343,843	9.26E-10	0.213	0.201					
cg09076337	14	81,421,983	0.000412	0.213	0.272				<i>TSHR</i>	5'UTR
cg13782388	3	126,614,750	2.82E-13	0.213	0.199				<i>CHCHD6</i>	Body
cg14989308	19	17,357,472	0.000103	0.213	0.192				<i>NR2F6</i>	TSS1500
cg15418509	11	71,900,411	1.52E-11	0.213	0.220				<i>FOLR1</i>	TSS1500
cg23234149	1	3,615,561	2.4E-07	0.213	0.204				<i>TP73</i>	Body

cg25588852	2	216,877,276	0.002217	0.213	0.184				<i>MREG</i>	Body
cg11462315	2	43,455,048	0.012239	0.213	0.103				<i>ZFP36L2</i>	TSS1500
cg05825053	16	11,697,522	0.00273	0.213	0.175					
cg04018164	17	12,566,358	9.04E-05	0.213	0.222					
cg07192961	16	672,468	0.009426	0.213	0.198				<i>RAB40C</i>	Body
cg11245181	6	149,772,854	6.39E-14	0.213	0.200				<i>ZC3H12D</i>	Body
cg15661389	17	10,018,631	0.039624	0.213	0.238				<i>GAS7</i>	Body
cg26870771	16	67,197,640	3.31E-05	0.213	0.237				<i>HSF4</i>	5'UTR
cg10548163	15	101,228,329	4.25E-09	0.213	0.224					
cg18043267	10	135,170,752	8.82E-06	0.213	0.197				<i>C10orf125</i>	Body
cg18106366	14	38,590,628	2.33E-06	0.213	0.228					
cg24409808	10	64,957,287	0.000381	0.213	0.185				<i>JMJD1C</i>	Body
cg27385729	11	118,619,582	2.26E-16	0.213	0.204				<i>DDX6</i>	3'UTR
cg00290086	9	1,050,903	1.08E-08	0.213	0.199				<i>DMRT2</i>	5'UTR
cg00026909	1	58,089,001	0.00032	0.213	0.156				<i>DAB1</i>	5'UTR
cg02077216	5	57,753,951	0.001252	0.213	0.239				<i>PLK2</i>	Body
cg15010554	6	122,253,935	0.012807	0.213	0.224					
cg16190266	14	38,680,855	0.001139	0.213	0.178				<i>SSTR1</i>	3'UTR
cg20732304	13	113,752,657	2.55E-10	0.213	0.173				<i>MCF2L</i>	3'UTR
cg22930986	3	59,171,831	5.09E-09	0.213	0.241					
cg12136274	1	146,649,770	0.001401	0.213	0.178				<i>PDIA3P</i>	Body
cg18785787	1	164,750,253	2.34E-07	0.213	0.212				<i>PBX1</i>	Body
cg08599355	13	99,714,609	1.01E-09	0.213	0.212				<i>DOCK9</i>	Body
cg11219917	4	819,151	0.004976	0.213	0.157				<i>CPLX1</i>	5'UTR
cg15768901	19	41,120,329	3.7E-07	0.213	0.175				<i>LTBP4</i>	Body
cg16879806	19	20,277,919	0.005768	0.213	0.110				<i>ZNF486</i>	TSS200
cg17833902	1	54,143,168	2.73E-18	0.213	0.200				<i>GLIS1</i>	5'UTR
cg20071670	11	73,661,895	0.00091	0.213	0.271				<i>DNAJB13</i>	1stExon
cg13698196	12	52,257,893	0.022919	0.213	0.259					
cg01323777	17	7,832,943	6.54E-07	0.213	0.193				<i>KCNAB3</i>	TSS200
cg13347970	6	137,809,630	0.001571	0.213	0.255					
cg25536787	17	26,221,167	0.002428	0.213	0.238				<i>C17orf108</i>	TSS1500
cg03345805	2	191,208,171	0.002801	0.213	0.130				<i>INPP1</i>	TSS200
cg05418333	7	101,556,183	1.41E-08	0.213	0.190				<i>CUX1</i>	Body

cg05647733	12	106,474,322	2.7E-05	0.213	0.156				<i>NUAK1</i>	Body
cg05870586	2	240,196,769	1.33E-06	0.213	0.194				<i>HDAC4</i>	Body
cg10521480	1	182,721,424	0.000643	0.213	0.209					
cg16632159	10	7,466,434	1.53E-11	0.213	0.198					
cg26666835	5	170,742,118	0.001238	0.213	0.239					
cg09252806	10	131,669,630	0.04185	0.213	0.040				<i>EBF3</i>	Body
cg05040232	3	194,117,403	2.4E-05	0.213	0.194				<i>GP5</i>	Body
cg03420242	16	49,893,122	0.007416	0.213	0.267					
cg04854285	X	102,531,822	0.000939	0.213	0.235				<i>TCEAL5</i>	TSS200
cg08071700	16	81,579,244	4.45E-07	0.213	0.196				<i>CMIP</i>	Body
cg25602692	12	123,998,085	8.18E-07	0.213	0.213				<i>RILPL1</i>	Body
cg03137522	6	117,087,083	0.001152	0.213	0.153				<i>FAM162B</i>	TSS200
cg11100804	5	140,783,173	6.56E-06	0.213	0.146				<i>PCDHGA4</i>	Body
cg16456252	6	28,483,537	0.000184	0.213	0.228				<i>GPX6</i>	1stExon
cg22500555	3	159,756,996	0.026282	0.213	0.201					
cg24292612	8	6,735,472	0.000107	0.213	0.166	4.47E-23	0.169		<i>DEFB1</i>	5'UTR
cg13982505	2	233,642,094	1.49E-06	0.213	0.218	0.00024306	0.100		<i>GIGYF2</i>	Body
cg20275132	6	28,367,749	0.01949	0.213	0.212				<i>ZSCAN12</i>	TSS1500
cg03281139	19	3,451,135	4.26E-05	0.213	0.239				<i>NFIC</i>	Body
cg15919258	14	90,849,921	0.004347	0.213	0.169					
cg24387380	15	27,159,158	3.54E-12	0.213	0.161				<i>GABRA5</i>	Body
cg01166925	4	41,880,280	6.02E-11	0.213	0.204					
cg04551776	5	393,366	3.45E-06	0.213	0.193				<i>AHRR</i>	Body
cg13818276	22	32,437,865	3.16E-11	0.213	0.191				<i>SLC5A1</i>	TSS1500
cg01473837	12	54,409,321	0.041968	0.213	0.204				<i>HOXC4</i>	TSS1500
cg02900766	15	58,357,319	0.000285	0.213	0.185				<i>ALDH1A2</i>	Body
cg05371578	3	147,128,157	0.001257	0.213	0.205				<i>ZIC1</i>	1stExon
cg06023941	5	53,187,565	3.32E-16	0.213	0.191				<i>ARL15</i>	Body
cg22970003	7	157,406,032	8.51E-07	0.213	0.198				<i>PTPRN2</i>	Body
cg00280609	1	45,250,840	3.54E-05	0.213	0.220				<i>BEST4</i>	Body
cg27455017	7	150,037,988	0.000616	0.213	0.147				<i>RARRES2</i>	5'UTR
cg05760722	12	52,115,238	0.010774	0.213	0.243				<i>SCN8A</i>	Body
cg05826295	6	113,886,340	0.000765	0.213	0.206					
cg13394491	5	15,737,401	1.41E-06	0.213	0.217				<i>FBXL7</i>	Body

cg07650392	3	64,127,184	0.004271	0.212	0.230			Yes	<i>PRICKLE2</i>	Body
cg09644153	16	3,345,646	1.17E-07	0.212	0.185					
cg15855170	11	116,574,279	0.020666	0.212	0.194					
cg16967003	7	1,293,599	5.11E-06	0.212	0.215					
cg12425861	14	105,830,606	0.023872	0.212	0.102				<i>PACS2</i>	Body
cg19385628	3	6,904,640	0.021352	0.212	0.071				<i>GRM7</i>	Body
cg00194277	7	30,795,751	8.69E-07	0.212	0.221				<i>INMT</i>	3'UTR
cg17402060	12	81,108,011	6.32E-13	0.212	0.214					
cg07871202	3	42,306,580	0.014462	0.212	0.235				<i>CCK</i>	TSS200
cg13998093	17	44,896,877	0.000267	0.212	0.221				<i>WNT3</i>	TSS1500
cg22798707	9	23,822,666	0.031629	0.212	0.152				<i>ELAVL2</i>	TSS1500
cg26980529	2	109,882,934	3.49E-07	0.212	0.231				<i>SH3RF3</i>	Body
cg07140894	16	5,020,147	0.002602	0.212	0.241				<i>SEC14L5</i>	Body
cg07283407	X	133,679,994	3.38E-05	0.212	0.188				<i>MGC16121</i>	Body
cg15514896	1	229,074,115	2.9E-06	0.212	0.222					
cg17362052	4	107,955,762	0.039813	0.212	0.066				<i>DKK2</i>	Body
cg19030579	1	50,888,710	0.031831	0.212	0.286				<i>DMRTA2</i>	5'UTR
cg25674938	19	1,360,981	0.000131	0.212	0.236				<i>MUM1</i>	Body
cg26328335	12	50,354,840	2.05E-07	0.212	0.192				<i>AQP5</i>	TSS1500
cg27391627	16	86,704,130	1.77E-07	0.212	0.197					
cg04971779	6	44,190,729	1.77E-08	0.212	0.183				<i>SLC29A1</i>	5'UTR
cg13456470	9	98,266,766	1.34E-09	0.212	0.238				<i>PTCH1</i>	5'UTR
cg21747160	12	49,504,981	0.001475	0.212	0.199				<i>LMBR1L</i>	TSS1500
cg01087977	2	220,150,857	4.4E-09	0.212	0.220				<i>DNAJB2</i>	3'UTR
cg06177306	2	133,927,261	1.09E-08	0.212	0.205				<i>NCKAP5</i>	Body
cg13235787	12	117,100,516	1.06E-05	0.212	0.145			Yes		
cg20163033	4	2,627,194	4.81E-16	0.212	0.201	3.15E-10	0.133		<i>FAM193A</i>	1stExon
cg24536349	8	143,781,340	1.2E-10	0.212	0.209				<i>LY6K</i>	TSS200
cg25372296	1	98,510,328	0.00358	0.212	0.169					
cg11691093	22	36,727,373	0.002444	0.212	0.275				<i>MYH9</i>	Body
cg17371334	11	134,341,419	1.54E-09	0.212	0.201					
cg02312904	17	59,234,870	0.000425	0.212	0.216				<i>BCAS3</i>	Body
cg09122387	10	98,855,762	1.29E-07	0.212	0.238				<i>SLIT1</i>	Body
cg05262549	1	183,256,588	9.4E-06	0.212	0.242				<i>NMNAT2</i>	Body

cg00017826	2	30,644,955	3.17E-09	0.212	0.217					
cg13160874	2	242,549,431	0.002159	0.212	0.206				<i>THAP4</i>	Body
cg26834680	1	111,814,208	0.004066	0.212	0.241					
cg05389555	1	6,659,504	0.000502	0.212	0.212				<i>KLHL21</i>	Body
cg05891054	17	40,380,254	7.17E-09	0.212	0.218				<i>STAT5B</i>	Body
cg17844718	6	32,280,834	9.52E-10	0.212	0.194				<i>C6orf10</i>	Body
cg03369269	13	25,745,946	0.037795	0.212	0.073				<i>FAM123A</i>	TSS200
cg16535018	17	36,829,606	0.004838	0.212	0.259				<i>C17orf96</i>	1stExon
cg21650962	6	50,794,057	0.012841	0.212	0.254				<i>TFAP2B</i>	Body
cg23362669	2	106,776,913	0.000243	0.212	0.219				<i>UXS1</i>	Body
cg12744820	6	137,814,960	0.003631	0.212	0.202				<i>OLIG3</i>	1stExon
cg06973667	10	71,332,139	6.75E-07	0.212	0.189				<i>NEUROG3</i>	3'UTR
cg09415955	1	10,709,885	5.29E-16	0.212	0.225				<i>CASZ1</i>	Body
cg13834844	10	102,415,320	0.047365	0.212	0.235					
cg03185144	16	85,106,490	4.51E-15	0.212	0.199				<i>KIAA0513</i>	Body
cg03301200	8	99,954,557	5.45E-09	0.212	0.202					
cg12964697	7	2,140,231	1.32E-11	0.212	0.206				<i>MAD1L1</i>	Body
cg21516044	4	166,304,596	2.66E-13	0.212	0.209				<i>CPE</i>	Body
cg21906379	X	109,936,239	0.00102	0.212	0.217				<i>CHRDL1</i>	Body
cg22976218	2	182,544,321	0.04006	0.212	0.249				<i>NEUROD1</i>	5'UTR
cg11817899	10	108,923,111	0.03948	0.212	0.157				<i>SORCS1</i>	Body
cg22779972	12	3,207,241	5.27E-09	0.212	0.194				<i>TSPAN9</i>	5'UTR
cg11891925	10	13,091,949	0.00074	0.212	0.230					
cg18685879	3	141,012,746	1.47E-05	0.212	0.243				<i>ACPL2</i>	3'UTR
cg20184238	17	43,046,859	1.04E-07	0.212	0.202				<i>C1QL1</i>	TSS1500
cg09430445	3	42,918,546	1.26E-05	0.212	0.215				<i>CYP8B1</i>	TSS1500
cg15440688	14	95,237,637	5.54E-06	0.212	0.228				<i>GSC</i>	TSS1500
cg20860726	2	1,820,169	3.26E-11	0.212	0.178				<i>MYT1L</i>	Body
cg00250430	9	1,051,579	0.002732	0.212	0.163	8.52E-14	0.148		<i>DMRT2</i>	5'UTR
cg02331649	3	52,926,322	3.14E-06	0.212	0.209				<i>TMEM110</i>	Body
cg08231493	8	17,271,093	0.010213	0.212	0.180			Yes	<i>MTMR7</i>	TSS200
cg21174841	9	100,617,999	0.017259	0.212	0.245				<i>FOXE1</i>	3'UTR
cg05205813	10	18,549,413	2E-10	0.212	0.199				<i>CACNB2</i>	Body
cg07707031	17	79,504,142	2.88E-05	0.212	0.236				<i>FSCN2</i>	3'UTR

cg09254322	10	101,280,807	5.84E-05	0.212	0.202					
cg21854895	17	71,305,638	1.64E-08	0.212	0.213				<i>CDC42EP4</i>	5'UTR
cg21501064	X	118,827,889	8.63E-07	0.212	0.182	7.59E-20	0.128		<i>SEPT6</i>	TSS1500
cg08573435	7	1,398,116	0.005882	0.212	0.237					
cg21768287	X	150,068,356	0.001062	0.212	0.115				<i>CD99L2</i>	TSS1500
cg09080114	12	6,983,111	0.019928	0.212	0.214				<i>SPSB2</i>	TSS1500
cg09013655	1	184,005,063	1.6E-06	0.212	0.158				<i>GLT25D2</i>	Body
cg10493506	2	230,340,591	0.000311	0.212	0.139				<i>DNER</i>	Body
cg03103919	10	18,629,674	0.010412	0.212	0.165				<i>CACNB2</i>	Body
cg27114644	2	121,344,729	2.95E-57	0.212	0.193					
cg09951047	9	97,848,306	2.72E-05	0.212	0.182				<i>C9orf3</i>	3'UTR
cg04944853	3	139,252,106	1.5E-10	0.212	0.204				<i>RBP1</i>	Body
cg19738463	6	31,831,574	0.037068	0.212	0.198				<i>NEU1</i>	TSS1500
cg26444282	5	149,980,674	7.38E-06	0.212	0.218				<i>SYNPO</i>	1stExon
cg09137301	7	150,026,998	6.06E-14	0.212	0.207				<i>C7orf29</i>	5'UTR
cg26351479	X	125,686,936	0.035338	0.212	0.147				<i>DCAF12L1</i>	TSS200
cg07397616	22	38,035,109	2.21E-16	0.212	0.201				<i>SH3BP1</i>	TSS1500
cg16153168	5	68,114,337	2.35E-10	0.212	0.209					
cg04026492	9	139,024,611	0.003871	0.212	0.203					
cg01230325	9	96,108,319	1.33E-07	0.212	0.208				<i>C9orf129</i>	5'UTR
cg05860111	5	14,441,261	0.000647	0.212	0.173				<i>TRIO</i>	Body
cg13408344	15	31,631,240	0.010195	0.212	0.096				<i>KLF13</i>	Body
cg01464985	2	27,805,622	0.000477	0.212	0.181	2.02E-22	0.150		<i>ZNF512</i>	TSS1500
cg03979024	10	419,189	7.05E-08	0.212	0.222				<i>DIP2C</i>	Body
cg04679902	22	19,752,869	4.93E-08	0.212	0.192				<i>TBX1</i>	Body
cg11511795	4	10,463,749	0.001759	0.212	0.202					
cg03302008	2	96,012,735	0.000392	0.212	0.190				<i>KCNIP3</i>	TSS200
cg27200895	4	7,763,703	4.85E-06	0.212	0.214				<i>AFAP1</i>	3'UTR
cg00400832	7	96,650,323	7.44E-06	0.212	0.213				<i>DLX5</i>	Body
cg01540102	16	57,506,038	5.85E-17	0.212	0.212				<i>DOK4</i>	3'UTR
cg08498156	6	30,095,802	0.001109	0.212	0.315					
cg09678539	2	27,298,343	2.34E-06	0.212	0.201					
cg12141659	11	2,847,462	6.37E-05	0.212	0.182				<i>KCNQ1</i>	Body
cg13009111	11	71,350,975	0.025868	0.212	0.106					



cg05045981	7	129,418,470	6.37E-05	0.212	0.157					
cg09830455	11	70,886,197	1.37E-11	0.212	0.202				<i>SHANK2</i>	5'UTR
cg14254080	2	85,106,954	0.000372	0.212	0.213				<i>C2orf89</i>	Body
cg18624900	10	91,295,643	0.018709	0.212	0.218				<i>SLC16A12</i>	TSS1500
cg05128520	16	84,676,746	0.006441	0.212	0.280					
cg09785033	11	2,336,066	1.11E-10	0.212	0.178				<i>TSPAN32</i>	Body
cg04963697	16	3,570,555	1.27E-11	0.212	0.214				<i>CLUAP1</i>	Body
cg09266602	8	49,469,775	4.41E-05	0.212	0.214					
cg19419246	19	45,950,425	3.89E-12	0.212	0.202					
cg11118422	6	28,557,883	7.49E-07	0.212	0.211					
cg17588373	X	13,957,417	5.08E-08	0.212	0.180				<i>GPM6B</i>	TSS1500
cg24207176	4	89,079,587	0.018689	0.212	0.148	2.15E-16	0.159		<i>ABCG2</i>	1stExon
cg00747944	16	54,972,845	0.000205	0.212	0.205					
cg12404831	2	192,114,017	0.000308	0.212	0.212				<i>MYO1B</i>	5'UTR
cg19853936	6	19,692,304	0.000266	0.212	0.231					
cg13375589	17	4,487,125	0.040729	0.212	0.218				<i>SMTNL2</i>	TSS200
cg21493727	8	127,938,624	8.99E-05	0.212	0.215					
cg00481644	15	89,921,158	2.85E-05	0.212	0.178				<i>LOC254559</i>	TSS200
cg02730865	16	80,972,238	9.59E-12	0.212	0.213					
cg06703222	16	69,598,327	2.18E-06	0.212	0.193				<i>NFAT5</i>	TSS1500
cg12727256	22	24,838,292	8.76E-06	0.212	0.209				<i>C22orf45</i>	Body
cg00539581	5	66,477,808	0.00104	0.212	0.211					
cg02338778	2	23,840,763	2.35E-05	0.212	0.229				<i>KLHL29</i>	Body
cg12559197	5	76,654,783	4.82E-06	0.212	0.206				<i>PDE8B</i>	Body
cg17563034	4	5,021,268	4.58E-05	0.212	0.195				<i>CYTL1</i>	TSS200
cg00609135	6	26,614,014	0.000844	0.212	0.197					
cg07693270	3	186,856,928	0.005117	0.212	0.132	7.8E-24	0.165		<i>RPL39L</i>	5'UTR
cg11789804	1	219,958,132	1.54E-05	0.212	0.221					
cg14314744	6	100,897,445	0.009896	0.212	0.204				<i>SIM1</i>	Body
cg16045823	7	73,295,154	6.01E-14	0.212	0.193					
cg16845136	22	46,774,204	2.94E-07	0.212	0.209				<i>CELSR1</i>	Body
cg18188653	3	188,296,976	1.2E-06	0.212	0.184				<i>LPP</i>	Body
cg08507952	3	193,750,969	0.002833	0.212	0.250					
cg11126767	14	60,978,275	6.43E-06	0.212	0.195				<i>SIX6</i>	3'UTR

cg17071957	9	124,029,926	3.45E-05	0.212	0.106	2.59E-08	0.102		<i>GSN</i>	TSS1500
cg24983862	17	65,242,497	0.014261	0.212	0.144				<i>HELZ</i>	TSS1500
cg25262528	6	86,158,972	0.016112	0.212	0.130				<i>NT5E</i>	TSS1500
cg26157386	14	36,994,270	0.031349	0.212	0.190					
cg05600126	17	950,540	2.06E-10	0.212	0.213				<i>ABR</i>	Body
cg07186576	10	31,072,771	1.93E-05	0.212	0.151					
cg10667895	2	102,577,876	1.58E-11	0.212	0.207					
cg11412418	5	172,658,730	0.032048	0.212	0.316					
cg03085719	11	3,860,569	4.15E-07	0.212	0.191				<i>RHOG</i>	5'UTR
cg06854772	4	1,853,351	1.87E-23	0.212	0.221				<i>LETM1</i>	Body
cg15323638	7	131,229,865	1.95E-08	0.212	0.207				<i>PODXL</i>	Body
cg02046552	8	21,914,287	7.43E-09	0.212	0.194				<i>EPB49</i>	TSS1500
cg02787917	2	175,190,821	0.007236	0.212	0.131					
cg10857774	19	46,286,683	8.66E-10	0.212	0.219	4.79E-35	0.125		<i>DMPK</i>	TSS1500
cg18172877	5	1,878,672	9.17E-08	0.212	0.209				<i>IRX4</i>	Body
cg01960096	1	157,012,966	8.31E-09	0.212	0.195				<i>ARHGEF11</i>	Body
cg03846767	1	3,607,292	3.44E-05	0.212	0.204	6.42E-17	0.204		<i>TP73</i>	1stExon
cg04557197	17	77,764,992	0.003606	0.212	0.187					
cg19088141	1	113,056,151	0.000413	0.212	0.199				<i>WNT2B</i>	Body
cg26843711	5	140,753,449	0.003532	0.212	0.231				<i>PCDHGA4</i>	Body
cg16254756	1	154,943,676	3.2E-05	0.212	0.228				<i>SHC1</i>	5'UTR
cg19255477	1	151,810,586	0.000121	0.212	0.198				<i>LOC100132111</i>	TSS1500
cg27297315	2	23,704,185	4.57E-08	0.212	0.202				<i>KLHL29</i>	5'UTR
cg01460202	16	23,706,506	0.000236	0.212	0.236				<i>ERN2</i>	Body
cg19118951	21	35,575,070	6.56E-14	0.212	0.200					
cg00350296	11	66,084,841	4.43E-05	0.212	0.206	2.79E-10	0.125		<i>CD248</i>	TSS1500
cg06247406	6	101,846,791	6.09E-06	0.212	0.185				<i>GRIK2</i>	TSS200
cg11067786	2	74,780,467	5.5E-16	0.212	0.224				<i>LOXL3</i>	5'UTR
cg14029759	6	5,764,816	1.76E-10	0.212	0.196				<i>FARS2</i>	Body
cg16792363	16	14,499,735	0.002929	0.212	0.228					
cg20313873	10	101,436,820	3.36E-07	0.212	0.184				<i>ENTPD7</i>	Body
cg23206461	1	147,782,116	0.000842	0.212	0.252					
cg24683185	15	31,214,501	4.66E-16	0.212	0.209				<i>MTMR15</i>	Body
cg01378515	3	124,773,106	5.09E-09	0.212	0.205				<i>HEG1</i>	Body

cg26585452	13	50,702,914	1.39E-06	0.212	0.199					
cg02193762	11	36,399,139	0.005985	0.212	0.150				<i>PRR5L</i>	5'UTR
cg02805871	17	6,939,695	0.004682	0.212	0.094				<i>SLC16A13</i>	5'UTR
cg02860240	3	169,530,621	0.00858	0.212	0.186				<i>LRR34</i>	TSS1500
cg04043571	9	127,265,989	0.000106	0.212	0.210				<i>NR5A1</i>	5'UTR
cg04654530	2	63,282,702	2.99E-05	0.212	0.209				<i>OTX1</i>	Body
cg15905200	17	29,013,706	1.95E-09	0.212	0.196					
cg24593138	1	19,687,988	1.57E-06	0.212	0.192				<i>CAPZB</i>	Body
cg26794871	20	44,934,712	0.000278	0.212	0.187					
cg01025774	5	42,944,457	2.16E-05	0.212	0.180					
cg02251393	2	159,651,559	1.03E-08	0.212	0.228				<i>DAPL1</i>	TSS1500
cg11268739	14	48,145,588	0.017408	0.212	0.265					
cg03531247	2	50,573,485	0.003044	0.212	0.227				<i>NRXN1</i>	Body
cg11582717	17	63,452,460	3.24E-09	0.212	0.183					
cg00661523	3	151,985,426	6.41E-08	0.212	0.206				<i>MBNL1</i>	TSS1500
cg00735023	11	58,830,355	0.000281	0.212	0.187					
cg06342195	17	36,734,475	6.01E-06	0.212	0.195				<i>SRCIN1</i>	Body
cg10142520	11	65,344,604	2.65E-11	0.212	0.205				<i>EHBP1L1</i>	Body
cg14372324	20	30,347,798	0.001348	0.212	0.161			Yes	<i>TPX2</i>	Body
cg08725840	11	89,224,774	0.022992	0.212	0.228				<i>NOX4</i>	5'UTR
cg09250933	2	114,035,619	4.88E-05	0.212	0.205				<i>PAX8</i>	Body
cg12604331	1	156,906,485	6.12E-08	0.212	0.224				<i>ARHGEF11</i>	Body
cg15760474	6	41,554,529	9.7E-08	0.212	0.210				<i>FOXP4</i>	Body
cg14304817	11	89,867,911	0.0004	0.212	0.250				<i>NAALAD2</i>	5'UTR
cg19565738	2	174,083,367	1.97E-13	0.212	0.216			Yes	<i>ZAK</i>	Body
cg20733761	21	47,295,215	0.000229	0.212	0.160				<i>PCBP3</i>	Body
cg21064451	22	38,071,534	0.000191	0.212	0.238				<i>LGALS1</i>	TSS200
cg22942200	6	151,560,992	6.55E-06	0.212	0.197				<i>AKAP12</i>	TSS200
cg07943780	8	41,502,612	0.000487	0.211	0.120					
cg08323277	2	20,248,420	1.68E-07	0.211	0.212				<i>LAPTM4A</i>	Body
cg18363035	13	20,805,385	1.53E-06	0.211	0.193				<i>GJB6</i>	5'UTR
cg18773937	2	113,594,611	0.003602	0.211	0.244				<i>IL1B</i>	TSS1500
cg21429615	6	16,180,388	0.014791	0.211	0.133					
cg22272056	11	33,065,566	0.000265	0.211	0.140				<i>TCP11L1</i>	Body

cg09473745	10	31,423,550	3.56E-06	0.211	0.210					
cg23702610	15	100,017,287	7.17E-08	0.211	0.193					
cg06791102	X	153,191,600	0.032871	0.211	0.219				<i>ARHGAP4</i>	1stExon
cg08985885	12	53,719,903	6.39E-08	0.211	0.249					
cg01557547	3	157,823,089	0.049516	0.211	0.252				<i>SHOX2</i>	Body
cg14846380	12	125,333,322	2.35E-40	0.211	0.191				<i>SCARB1</i>	Body
cg20610181	9	35,674,000	1.69E-11	0.211	0.207	1.07E-29	0.165		<i>CA9</i>	1stExon
cg24715245	4	41,258,794	0.001362	0.211	0.219	3.8E-34	0.272		<i>UCHL1</i>	TSS200
cg12395205	18	12,254,469	0.042676	0.211	0.186				<i>CIDEA</i>	Body
cg01588826	19	36,352,459	0.000291	0.211	0.200				<i>KIRREL2</i>	Body
cg15167044	6	100,039,413	0.007445	0.211	0.228					
cg20402783	12	54,381,013	7.39E-16	0.211	0.188				<i>HOXC10</i>	Body
cg02288964	1	967,561	3.12E-07	0.211	0.193				<i>AGRN</i>	Body
cg04342110	19	38,945,908	0.002358	0.211	0.231				<i>RYR1</i>	Body
cg15473329	19	39,862,918	2.87E-06	0.211	0.197				<i>SAMD4B</i>	Body
cg01064918	14	92,788,960	0.028639	0.211	0.197				<i>SLC24A4</i>	1stExon
cg13225166	17	37,761,216	0.018567	0.211	0.247				<i>NEUROD2</i>	3'UTR
cg19981243	3	114,478,256	2.34E-08	0.211	0.213				<i>ZBTB20</i>	TSS200
cg21639114	6	130,687,884	0.006158	0.211	0.105					
cg08727316	10	24,545,715	4.21E-09	0.211	0.210				<i>KIAA1217</i>	Body
cg11083848	14	76,371,681	3.37E-10	0.211	0.219				<i>TLL5</i>	Body
cg26786382	11	61,277,328	2.6E-07	0.211	0.160				<i>LRRC10B</i>	1stExon
cg02860342	15	73,661,484	0.000402	0.211	0.193	1.84E-30	0.186		<i>HCN4</i>	1stExon
cg08452338	3	149,271,990	2.54E-13	0.211	0.215				<i>WWTR1</i>	Body
cg00579036	6	25,138,551	0.047025	0.211	0.111				<i>CMAH</i>	TSS1500
cg00182273	16	66,876,847	3.14E-10	0.211	0.219				<i>CA7</i>	TSS1500
cg19343464	11	105,481,509	0.025553	0.211	0.215	2.09E-15	0.173		<i>GRIA4</i>	5'UTR
cg25907215	22	24,178,181	1.72E-05	0.211	0.222				<i>DERL3</i>	3'UTR
cg26485844	5	77,256,916	1.25E-08	0.211	0.205					
cg00934355	9	1,049,244	0.021567	0.211	0.191				<i>DMRT2</i>	TSS1500
cg22449337	1	40,943,913	0.001172	0.211	0.156				<i>ZNF642</i>	5'UTR
cg07924363	X	133,680,812	0.047775	0.211	0.192				<i>MGC16121</i>	TSS200
cg10457539	4	85,418,584	2.6E-05	0.211	0.231				<i>NKX6-1</i>	Body
cg13134650	1	203,156,764	2.17E-08	0.211	0.214				<i>CHI3L1</i>	TSS1500

cg02867514	17	34,207,341	9.92E-06	0.211	0.185				<i>CCL5</i>	1stExon
cg07815836	19	58,715,351	2.63E-08	0.211	0.226				<i>ZNF274</i>	Body
cg07324245	17	75,445,905	2.17E-07	0.211	0.141				<i>SEPT9</i>	Body
cg14542583	19	38,886,667	1.7E-07	0.211	0.189				<i>SPRED3</i>	Body
cg26824709	5	159,740,383	0.000799	0.211	0.114				<i>CCNJL</i>	TSS1500
cg03625415	5	172,662,741	3.04E-05	0.211	0.206				<i>NKX2-5</i>	TSS1500
cg05219621	X	15,683,403	2.49E-05	0.211	0.193				<i>TMEM27</i>	TSS1500
cg14015441	8	105,479,318	0.022853	0.211	0.206				<i>DPYS</i>	TSS200
cg07222604	6	30,418,872	0.041646	0.211	0.318					
cg01179851	18	76,746,274	0.005205	0.211	0.257				<i>SALL3</i>	Body
cg01204927	6	28,505,394	1.9E-06	0.211	0.204					
cg01504784	19	6,414,019	6.29E-47	0.211	0.211				<i>KHSRP</i>	3'UTR
cg24557048	1	2,063,799	2.65E-06	0.211	0.210				<i>PRKCZ</i>	5'UTR
cg26700716	2	183,730,940	5.01E-07	0.211	0.191				<i>FRZB</i>	1stExon
cg27100236	8	11,561,458	0.004283	0.211	0.207				<i>GATA4</i>	TSS1500
cg13361910	1	232,750,286	3.96E-12	0.211	0.198					
cg22752052	19	34,397,682	0.000157	0.211	0.154					
cg26389380	3	11,330,567	1.17E-06	0.211	0.223				<i>ATG7</i>	5'UTR
cg18011517	2	42,175,341	0.015445	0.211	0.238					
cg01262290	7	142,748,458	3.08E-10	0.211	0.211				<i>OR6V1</i>	TSS1500
cg06891775	10	80,704,982	3.02E-09	0.211	0.192				<i>LOC283050</i>	Body
cg15419378	17	79,435,967	3.25E-10	0.211	0.200					
cg26004203	1	217,310,918	4.5E-06	0.211	0.201			Yes	<i>ESRRG</i>	5'UTR
cg04329455	9	137,215,364	1.71E-08	0.211	0.201					
cg06951677	1	221,061,837	0.003492	0.211	0.131					
cg05600717	13	52,378,744	0.000882	0.211	0.202	4.93E-10	0.118		<i>DHRS12</i>	TSS1500
cg11108890	2	85,811,471	8.45E-05	0.211	0.209	1.14E-14	0.151		<i>VAMP5</i>	TSS200
cg11717507	12	114,838,825	0.032835	0.211	0.262				<i>TBX5</i>	Body
cg03607951	1	79,085,586	0.011634	0.211	0.171				<i>IFI44L</i>	TSS1500
cg10433128	16	70,720,314	2.02E-09	0.211	0.192				<i>MTSS1L</i>	TSS1500
cg12021814	2	172,973,195	0.000227	0.211	0.198					
cg26116447	6	21,666,030	0.041182	0.211	0.273				<i>FLJ22536</i>	TSS1500
cg00360794	15	41,803,850	0.002514	0.211	0.194				<i>LTK</i>	Body
cg05886811	6	17,280,740	0.000101	0.211	0.203				<i>RBM24</i>	TSS1500

cg13845561	9	71,631,514	9.41E-08	0.211	0.209					
cg19414706	8	76,319,215	2.38E-05	0.211	0.215					
cg21214293	5	145,713,882	0.010497	0.211	0.216					
cg00808969	11	77,898,785	1.72E-10	0.211	0.191				<i>USP35</i>	TSS1500
cg04605987	1	200,007,403	1.67E-06	0.211	0.193				<i>NR5A2</i>	Body
cg14416523	2	162,273,928	0.019386	0.211	0.232				<i>TBR1</i>	Body
cg21266502	4	155,663,225	0.001793	0.211	0.242					
cg15137566	4	13,544,301	0.003755	0.211	0.218				<i>NKX3-2</i>	Body
cg08102508	3	13,115,168	0.000332	0.211	0.221				<i>IQSEC1</i>	TSS1500
cg22517925	12	117,535,242	0.005898	0.211	0.124				<i>TESC</i>	Body
cg22900266	2	65,089,000	6.84E-13	0.211	0.200					
cg06613515	15	77,287,656	1.68E-14	0.211	0.201				<i>PSTPIP1</i>	5'UTR
cg06891458	15	41,951,943	0.001368	0.211	0.229				<i>MGA</i>	TSS1500
cg08132940	7	1,081,526	7.17E-25	0.211	0.198				<i>C7orf50</i>	Body
cg06372962	1	173,638,690	0.006912	0.211	0.134				<i>ANKRD45</i>	5'UTR
cg18485215	14	100,625,110	0.004128	0.211	0.196				<i>DEGS2</i>	Body
cg23346945	5	125,671,946	0.00326	0.211	0.186					
cg13280041	6	138,866,865	7.01E-11	0.211	0.219				<i>NHSL1</i>	Body
cg26942124	5	124,080,075	0.014354	0.211	0.235				<i>ZNF608</i>	1stExon
cg05295388	2	118,594,304	1.87E-09	0.211	0.212					
cg06133110	7	30,028,307	0.000956	0.211	0.113				<i>SCRN1</i>	5'UTR
cg10369363	12	52,404,422	5.3E-10	0.211	0.204				<i>GRASP</i>	Body
cg12017745	11	65,352,327	0.000993	0.211	0.248				<i>EHBP1L1</i>	Body
cg23739746	13	114,905,867	0.037055	0.211	0.200					
cg24348479	1	155,007,323	7.64E-08	0.211	0.207				<i>DCST1</i>	Body
cg27013947	X	21,776,178	3.92E-11	0.211	0.213				<i>SMPX</i>	1stExon
cg00414384	11	68,518,048	2.43E-10	0.211	0.192				<i>MTL5</i>	Body
cg07368507	5	137,774,431	5.74E-06	0.211	0.142				<i>REEP2</i>	TSS1500
cg14253596	13	110,132,672	0.031764	0.211	0.166			Yes		
cg24111955	7	64,734,226	0.018368	0.211	0.237					
cg03140487	X	40,027,582	5.55E-09	0.211	0.187				<i>BCOR</i>	5'UTR
cg24719487	1	78,512,129	0.000107	0.211	0.182				<i>GIPC2</i>	Body
cg00808935	16	85,215,140	0.012784	0.211	0.102					
cg06804778	1	147,790,658	1.15E-06	0.211	0.230					

cg21163429	10	44,788,812	0.009201	0.211	0.139					
cg15110917	7	7,959,339	0.012654	0.211	0.251					
cg18025275	8	22,498,768	2.09E-12	0.211	0.192				<i>BIN3</i>	Body
cg26053832	16	54,971,600	0.004047	0.211	0.214					
cg21921384	4	57,976,556	0.04811	0.211	0.217				<i>IGFBP7</i>	TSS200
cg00629427	13	95,357,638	1.1E-05	0.211	0.201					
cg09372750	14	23,823,420	9.99E-09	0.211	0.202				<i>SLC22A17</i>	TSS1500
cg15601228	1	21,996,376	0.009435	0.211	0.164				<i>RAP1GAP</i>	TSS1500
cg04834770	10	127,936,505	1.62E-05	0.211	0.180				<i>ADAM12</i>	Body
cg13248581	22	17,680,545	1.18E-06	0.211	0.191				<i>CECR1</i>	TSS200
cg07328796	2	227,389,311	1.53E-11	0.211	0.184					
cg05634630	12	99,251,017	7.86E-08	0.211	0.204				<i>ANKS1B</i>	Body
cg07136133	11	36,422,377	6.73E-06	0.211	0.159				<i>PRR5L</i>	5'UTR
cg07962338	19	53,540,902	0.044464	0.211	0.157					
cg20662858	2	235,166,931	0.029797	0.211	0.190					
cg21822146	14	77,961,897	7.82E-12	0.211	0.230				<i>ISM2</i>	Body
cg23238834	6	31,126,879	0.001225	0.211	0.182				<i>CCHCR1</i>	TSS1500
cg00158789	17	59,534,683	8.41E-06	0.211	0.212				<i>TBX4</i>	Body
cg04885832	5	176,560,265	0.033873	0.211	0.265				<i>NSD1</i>	TSS1500
cg26081162	6	49,518,449	0.010382	0.211	0.143	1.96E-08	0.078		<i>C6orf141</i>	5'UTR
cg03575666	8	41,168,186	1.35E-07	0.211	0.200				<i>SFRP1</i>	TSS1500
cg10992465	1	9,504,049	2.11E-09	0.211	0.196					
cg20359994	6	27,599,141	0.00094	0.211	0.193					
cg04983821	5	133,407,209	0.000104	0.211	0.196					
cg10502150	17	8,242,124	3.36E-13	0.211	0.194				<i>ODF4</i>	TSS1500
cg02774705	2	121,741,143	1.31E-07	0.211	0.214				<i>GLI2</i>	Body
cg03515656	16	1,600,304	5.11E-06	0.211	0.247				<i>IFT140</i>	Body
cg05460318	1	232,941,530	0.027524	0.211	0.168				<i>KIAA1383</i>	1stExon
cg13340335	11	133,907,726	0.043468	0.211	0.130				<i>LOC100128239</i>	Body
cg19708659	19	8,407,443	2.08E-10	0.211	0.198				<i>KANK3</i>	5'UTR
cg21626848	17	39,969,267	0.041833	0.211	0.089				<i>SC65</i>	TSS1500
cg22824738	12	54,765,988	1.37E-08	0.211	0.174				<i>ZNF385A</i>	Body
cg24880736	7	156,870,822	1.1E-07	0.211	0.244					
cg12209693	7	73,894,884	0.007213	0.211	0.173				<i>GTF2IRD1</i>	5'UTR

cg16598244	1	225,671,862	3.1E-07	0.211	0.226					
cg00835745	15	79,722,776	5.39E-07	0.211	0.200					
cg09195389	13	20,767,968	0.007383	0.211	0.162				<i>GJB2</i>	TSS1500
cg06819546	3	62,360,674	0.006459	0.211	0.146				<i>FEZF2</i>	TSS1500
cg08594681	8	27,468,684	7.9E-08	0.211	0.198				<i>CLU</i>	1stExon
cg04661929	17	75,320,035	1.27E-09	0.211	0.185				<i>SEPT9</i>	5'UTR
cg07493499	17	911,887	1.04E-13	0.211	0.213				<i>ABR</i>	Body
cg14264372	4	6,248,114	0.002887	0.211	0.203					
cg13155295	6	31,239,653	0.011175	0.211	0.299				<i>HLA-C</i>	Body
cg07725183	6	32,190,556	1.86E-05	0.211	0.205				<i>NOTCH4</i>	Body
cg13110334	22	19,003,848	1.95E-18	0.211	0.198				<i>DGCR9</i>	TSS1500
cg09064252	2	71,693,090	1.32E-07	0.211	0.172				<i>DYSF</i>	TSS1500
cg10379890	6	391,208	0.049268	0.211	0.066				<i>IRF4</i>	TSS1500
cg05560435	5	172,671,526	0.021939	0.211	0.213					
cg14210287	1	161,695,659	0.023176	0.211	0.176				<i>FCRLB</i>	Body
cg15844871	2	20,068,384	0.046926	0.211	0.092					
cg06535156	6	155,538,055	6.42E-05	0.211	0.161				<i>TIAM2</i>	Body
cg10095801	21	33,785,988	3.4E-08	0.211	0.200				<i>C21orf63</i>	Body
cg09232358	14	23,015,657	3.61E-06	0.211	0.208					
cg16066354	22	39,417,451	2.62E-05	0.211	0.197				<i>APOBEC3D</i>	1stExon
cg23687466	11	504,937	0.007675	0.211	0.182				<i>RNH1</i>	5'UTR
cg00841760	7	158,362,966	4.56E-09	0.211	0.217				<i>PTPRN2</i>	Body
cg09209257	14	78,907,020	3.12E-05	0.211	0.205				<i>NRXN3</i>	5'UTR
cg10324998	1	92,338,262	0.000692	0.211	0.242				<i>TGFBR3</i>	5'UTR
cg13671582	12	122,519,674	0.035025	0.211	0.180				<i>MLXIP</i>	Body
cg06329345	4	121,844,259	0.023065	0.211	0.043				<i>PRDM5</i>	TSS1500
cg11144753	14	103,740,065	0.000967	0.211	0.244					
cg20611680	1	16,554,171	1.19E-07	0.211	0.210					
cg05894970	3	119,041,204	0.048293	0.211	0.057				<i>CDGAP</i>	Body
cg24085232	5	151,195,433	1.23E-07	0.211	0.222					
cg14268200	17	21,094,779	4.25E-15	0.211	0.212				<i>DHRS7B</i>	3'UTR
cg23188430	6	125,850,052	0.000597	0.211	0.236					
cg03041109	4	109,057,004	5.95E-10	0.211	0.185				<i>LEF1</i>	Body
cg07956003	7	95,433,460	1.66E-20	0.211	0.193				<i>DYNC1I1</i>	5'UTR



cg16607065	1	3,607,222	0.006758	0.211	0.197	1.36E-14	0.179		<i>TP73</i>	Body
cg21751684	15	89,920,887	0.000191	0.211	0.192				<i>LOC254559</i>	TSS1500
cg00657094	1	1,174,190	2.29E-13	0.211	0.198					
cg08017928	7	156,801,818	0.028982	0.211	0.253				<i>MNX1</i>	1stExon
cg27088150	3	62,353,894	0.010293	0.211	0.234					
cg07376535	18	905,450	0.014627	0.211	0.193	4.73E-08	0.134		<i>ADCYAP1</i>	Body
cg08526991	2	5,831,394	2.16E-05	0.211	0.193				<i>SOX11</i>	TSS1500
cg13582816	4	85,404,099	0.001941	0.211	0.231					
cg14373403	6	169,351,425	3.1E-05	0.211	0.182					
cg15393221	19	40,919,485	1.65E-06	0.211	0.199				<i>PRX</i>	TSS1500
cg21865249	1	208,144,007	6.14E-12	0.211	0.187					
cg25463779	12	124,773,236	2.29E-09	0.211	0.195				<i>FAM101A</i>	TSS1500
cg11884933	7	2,774,414	3.3E-11	0.211	0.197				<i>GNA12</i>	Body
cg15619377	10	80,270,722	5.7E-06	0.211	0.178					
cg19940312	4	20,257,590	2.51E-05	0.211	0.209				<i>SLIT2</i>	Body
cg10308654	17	59,479,306	5.46E-06	0.211	0.187				<i>TBX2</i>	Body
cg14962509	1	36,039,655	1.11E-16	0.211	0.209				<i>TFAP2E</i>	Body
cg02892577	10	121,181,759	0.000168	0.211	0.236				<i>GRK5</i>	Body
cg06080874	18	46,501,625	0.005382	0.211	0.130					
cg06527318	1	25,349,006	1.75E-06	0.211	0.213					
cg09516959	7	30,721,478	4.63E-06	0.211	0.243				<i>CRHR2</i>	Body
cg18743287	19	55,575,837	5.59E-09	0.211	0.222				<i>RDH13</i>	TSS1500
cg16061498	18	55,095,886	0.002553	0.211	0.202					
cg06154531	1	846,507	9.32E-10	0.211	0.198					
cg21340170	6	5,084,517	0.007645	0.211	0.153				<i>PPP1R3G</i>	TSS1500
cg13607218	2	71,118,823	0.001821	0.211	0.274					
cg27310710	12	124,941,781	1.11E-06	0.211	0.225				<i>NCOR2</i>	Body
cg04897892	16	81,564,314	1.04E-05	0.211	0.195				<i>CMIP</i>	Body
cg10792302	12	54,376,019	8.55E-24	0.211	0.189					
cg16306900	1	182,026,435	2.36E-14	0.211	0.210				<i>ZNF648</i>	Body
cg18316621	6	144,283,348	0.001067	0.211	0.197				<i>PLAGL1</i>	5'UTR
cg16452651	21	35,016,873	6.8E-10	0.211	0.206				<i>ITSN1</i>	5'UTR
cg18637459	12	108,991,991	0.002661	0.211	0.283				<i>TMEM119</i>	TSS200
cg03192551	17	42,403,152	1.74E-05	0.210	0.169	8.47E-32	0.206		<i>SLC25A39</i>	TSS1500

cg08696638	16	31,160,393	1.36E-17	0.210	0.228				<i>PRSS36</i>	Body
cg09990169	2	241,835,740	1.26E-09	0.210	0.194				<i>C2orf54</i>	TSS200
cg11726288	1	11,902,283	7.88E-05	0.210	0.173				<i>CLCN6</i>	3'UTR
cg10420310	16	14,397,576	0.000109	0.210	0.215				<i>MIR193B</i>	TSS1500
cg11072645	7	157,754,746	0.00764	0.210	0.127				<i>PTPRN2</i>	Body
cg12634591	2	177,028,606	0.013393	0.210	0.208				<i>HOXD3</i>	TSS200
cg19442915	19	45,827,305	0.001268	0.210	0.166				<i>CKM</i>	TSS1500
cg23034373	21	37,915,354	8.47E-11	0.210	0.210				<i>CLDN14</i>	5'UTR
cg27038472	19	19,102,129	3.08E-14	0.210	0.201				<i>SFRS14</i>	3'UTR
cg07772660	1	17,085,863	1.27E-05	0.210	0.210				<i>MST1P9</i>	Body
cg15174396	6	29,796,363	0.00123	0.210	0.244				<i>HLA-G</i>	Body
cg22332157	X	12,995,746	0.008066	0.210	0.239					
cg00692173	1	53,217,358	4.71E-17	0.210	0.224				<i>ZYG11B</i>	Body
cg02807859	13	28,350,407	0.017625	0.210	0.244					
cg15618978	3	160,167,990	0.000878	0.210	0.198				<i>TRIM59</i>	TSS1500
cg16973715	3	64,254,112	7.89E-09	0.210	0.201					
cg17852588	6	76,059,756	0.001662	0.210	0.175				<i>FILIP1</i>	Body
cg07862554	3	154,797,083	0.014171	0.210	0.062				<i>MME</i>	TSS1500
cg08197287	4	87,952,173	0.000657	0.210	0.185				<i>AFF1</i>	Body
cg09491962	10	98,900,771	5.47E-14	0.210	0.198				<i>SLIT1</i>	Body
cg04511728	6	137,817,846	0.033536	0.210	0.246					
cg18152887	2	920,593	2.51E-05	0.210	0.168					
cg25632299	5	60,733,133	3.5E-10	0.210	0.198				<i>ZSWIM6</i>	Body
cg20347882	7	155,166,554	0.018886	0.210	0.199					
cg23990012	15	95,870,409	0.024048	0.210	0.169					
cg03465652	2	121,625,735	1.66E-06	0.210	0.195				<i>GLI2</i>	Body
cg03320492	1	45,187,810	2.19E-11	0.210	0.225				<i>C1orf228</i>	Body
cg04569165	X	153,688,677	5.16E-08	0.210	0.199				<i>PLXNA3</i>	Body
cg05348776	14	95,693,784	0.004717	0.210	0.133				<i>CLMN</i>	Body
cg06131666	X	18,373,515	1.49E-08	0.210	0.188				<i>SCML2</i>	TSS1500
cg15305361	8	1,405,138	1.5E-06	0.210	0.195					
cg00563678	4	141,968,563	0.000493	0.210	0.194				<i>RNF150</i>	Body
cg01501312	1	6,480,594	6.42E-05	0.210	0.184				<i>HES2</i>	TSS1500
cg19537511	17	8,213,813	9.35E-08	0.210	0.211	1.81E-14	0.115		<i>ARHGEF15</i>	5'UTR

cg22402467	12	7,168,056	2.18E-07	0.210	0.220				<i>C1S</i>	1stExon
cg20633941	6	169,351,479	0.000517	0.210	0.173					
cg16265906	5	115,152,326	0.006212	0.210	0.099				<i>CDO1</i>	1stExon
cg06625934	14	95,238,988	0.004492	0.210	0.239					
cg16906765	15	75,475,038	1.18E-06	0.210	0.140					
cg18158438	11	64,322,994	0.00272	0.210	0.230				<i>SLC22A11</i>	TSS200
cg10380643	1	1,356,764	5.01E-09	0.210	0.158				<i>LOC441869</i>	TSS200
cg23323669	6	31,126,866	0.011991	0.210	0.196				<i>CCHCR1</i>	TSS1500
cg20656587	17	44,895,317	3.28E-06	0.210	0.191				<i>WNT3</i>	Body
cg23176316	2	20,784,406	1.66E-13	0.210	0.198					
cg21865533	19	16,394,774	0.000862	0.210	0.173					
cg00595237	8	11,560,763	0.002674	0.210	0.212				<i>GATA4</i>	TSS1500
cg06961233	22	18,531,385	9.12E-07	0.210	0.187					
cg26242687	6	41,471,014	4.37E-06	0.210	0.224					
cg08438435	15	29,408,145	6.21E-07	0.210	0.193				<i>APBA2</i>	Body
cg17368808	20	9,496,892	2.01E-05	0.210	0.240				<i>C20orf103</i>	Body
cg09071155	7	27,280,914	3.7E-05	0.210	0.182				<i>EVX1</i>	TSS1500
cg11276093	10	95,123,774	2.39E-08	0.210	0.191				<i>MYOF</i>	Body
cg25510591	17	11,212,090	3.81E-11	0.210	0.187				<i>SHISA6</i>	Body
cg19319588	10	46,010,025	0.031411	0.210	0.119				<i>MARCH8</i>	Body
cg23623622	6	30,139,880	0.009846	0.210	0.213				<i>TRIM15</i>	Body
cg02672737	15	72,476,759	0.008169	0.210	0.165				<i>GRAMD2</i>	Body
cg06540458	1	226,951,747	0.000249	0.210	0.177					
cg11067829	13	23,500,153	0.00075	0.210	0.190					
cg11640208	17	42,857,157	0.033295	0.210	0.255				<i>ADAM11</i>	3'UTR
cg00895132	3	13,318,410	4.71E-20	0.210	0.215					
cg08738280	1	168,197,198	0.000001	0.210	0.201				<i>SFT2D2</i>	Body
cg15022739	18	34,823,045	2.18E-16	0.210	0.205				<i>BRUNOL4</i>	3'UTR
cg21714557	13	113,776,873	0.000139	0.210	0.246				<i>F10</i>	TSS1500
cg08467371	2	233,180,415	1.37E-08	0.210	0.194				<i>DIS3L2</i>	Body
cg15022039	5	139,081,063	8.26E-06	0.210	0.191					
cg16199747	6	147,235,033	1.07E-05	0.210	0.199					
cg02747319	2	242,480,276	9.4E-05	0.210	0.219					
cg14288326	7	77,042,644	4E-09	0.210	0.202				<i>PION</i>	Body

cg18941641	10	78,392,320	0.006235	0.210	0.214					
cg26505974	11	1,975,791	3.04E-17	0.210	0.183				<i>MRPL23</i>	Body
cg05707458	1	205,425,241	0.020594	0.210	0.188					
cg08004073	3	169,377,725	0.000127	0.210	0.244				<i>MECOM</i>	Body
cg10014308	2	73,518,221	0.01429	0.210	0.150				<i>EGR4</i>	3'UTR
cg16706349	10	85,836,590	0.025999	0.210	0.179					
cg23690166	17	46,711,017	0.002734	0.210	0.165				<i>MIR196A1</i>	TSS1500
cg24812442	2	237,079,690	0.011223	0.210	0.183					
cg16554164	1	32,410,678	7.45E-07	0.210	0.199					
cg21767952	2	220,379,260	8.56E-05	0.210	0.185				<i>ACCN4</i>	1stExon
cg02419321	12	54,811,762	5.28E-07	0.210	0.203				<i>ITGA5</i>	Body
cg04899656	15	62,718,755	3.9E-09	0.210	0.197					
cg26131286	6	29,521,783	0.0008	0.210	0.201					
cg10037049	12	48,276,633	1.43E-08	0.210	0.184				<i>VDR</i>	5'UTR
cg17520027	1	200,010,708	2.12E-13	0.210	0.203				<i>NR5A2</i>	Body
cg20276750	3	52,279,555	0.010179	0.210	0.169				<i>PPM1M</i>	TSS1500
cg25011252	8	61,777,859	5.6E-07	0.210	0.190				<i>CHD7</i>	Body
cg26469608	12	113,913,695	8.44E-07	0.210	0.235					
cg01153385	12	115,874,926	7.78E-10	0.210	0.220					
cg16248756	7	127,795,594	4.57E-05	0.210	0.222					
cg26140911	6	33,399,151	9.32E-15	0.210	0.203				<i>SYNGAP1</i>	Body
cg11035304	10	112,096,355	4.92E-09	0.210	0.200					
cg11610614	17	75,877,811	0.000202	0.210	0.218				<i>FLJ45079</i>	Body
cg00421173	4	140,603,682	1.53E-11	0.210	0.210			Yes	<i>MGST2</i>	Body
cg01777812	4	90,117,697	3.36E-13	0.210	0.179					
cg01978558	8	93,114,437	0.048674	0.210	0.252					
cg09096031	2	198,540,569	0.001801	0.210	0.205	1.4E-21	0.170		<i>RFTN2</i>	1stExon
cg24057218	14	68,660,680	4.69E-11	0.210	0.212				<i>RAD51L1</i>	Body
cg18778986	X	154,842,064	0.037131	0.210	0.212				<i>TMLHE</i>	5'UTR
cg03957481	22	50,986,962	0.000124	0.210	0.211				<i>KLHDC7B</i>	1stExon
cg07784042	2	67,893,948	0.003495	0.210	0.163					
cg08798307	7	141,190,187	3.58E-11	0.210	0.209					
cg13818316	21	43,185,803	0.001384	0.210	0.204				<i>RIPK4</i>	Body
cg15171154	3	30,722,557	3.49E-08	0.210	0.233				<i>TGFBR2</i>	Body

cg17579753	17	34,079,998	2.79E-06	0.210	0.206				<i>GAS2L2</i>	TSS200
cg25863503	6	27,799,295	0.001583	0.210	0.170				<i>HIST1H4K</i>	1stExon
cg00297721	20	55,200,767	4.42E-06	0.210	0.200					
cg02144647	22	45,597,019	6.74E-08	0.210	0.167				<i>C22orf9</i>	Body
cg23548163	19	46,807,119	0.000379	0.210	0.221				<i>HIF3A</i>	5'UTR
cg03225623	8	141,294,240	5.37E-17	0.210	0.193				<i>TRAPPC9</i>	Body
cg06962867	20	8,110,080	9.9E-10	0.210	0.204					
cg12006284	11	32,449,638	0.027919	0.210	0.245	7.12E-15	0.201		<i>WT1</i>	Body
cg27380715	17	39,802,082	3.16E-07	0.210	0.174					
cg00792751	11	44,979,029	5.23E-09	0.210	0.212					
cg08876943	5	1,865,843	0.000149	0.210	0.125					
cg13324103	10	29,948,428	1.19E-07	0.210	0.178				<i>SVIL</i>	5'UTR
cg18105675	2	3,642,400	2.99E-07	0.210	0.206	6.24E-08	0.077		<i>COLEC11</i>	TSS1500
cg01044025	3	151,613,372	3E-09	0.210	0.205					
cg10521450	10	105,439,280	4.89E-12	0.210	0.190				<i>SH3PXD2A</i>	Body
cg12199406	12	6,184,176	8.58E-06	0.210	0.208				<i>VWF</i>	Body
cg13520770	11	3,117,181	0.000276	0.210	0.208				<i>OSBPL5</i>	Body
cg18217235	6	50,817,157	0.016476	0.210	0.271					
cg26889552	5	179,032,532	2E-05	0.210	0.208				<i>RUFY1</i>	Body
cg05212464	5	154,071,076	4.1E-07	0.210	0.193					
cg14162361	9	82,449,859	0.000111	0.210	0.184					
cg15593298	3	142,681,996	0.000257	0.210	0.210				<i>PAQR9</i>	1stExon
cg16359657	1	41,119,931	1.91E-05	0.210	0.228				<i>RIMS3</i>	5'UTR
cg19474888	6	125,790,562	0.032072	0.210	0.240					
cg22985134	X	106,163,661	1.9E-10	0.210	0.199				<i>CLDN2</i>	5'UTR
cg01904243	14	74,251,254	1.5E-06	0.210	0.205				<i>C14orf43</i>	5'UTR
cg07977202	11	66,311,348	2.54E-19	0.210	0.203				<i>ZDHHC24</i>	Body
cg10068300	18	11,752,215	0.008677	0.210	0.181				<i>GNAL</i>	5'UTR
cg13940929	15	40,829,048	1.01E-12	0.210	0.200					
cg15619439	11	102,700,944	4.58E-06	0.210	0.183					
cg02495823	5	72,599,143	0.006545	0.210	0.242					
cg03642635	11	133,788,233	0.047921	0.210	0.269				<i>IGSF9B</i>	3'UTR
cg03958883	11	73,020,729	0.001501	0.210	0.090				<i>ARHGEF17</i>	1stExon
cg05053735	16	937,312	4.42E-09	0.210	0.199				<i>LMF1</i>	Body

cg13754259	10	101,294,337	0.002618	0.210	0.253				<i>NKX2-3</i>	Body
cg18808904	20	11,898,851	0.01737	0.210	0.072				<i>BTBD3</i>	1stExon
cg23345697	7	520,489	7.74E-09	0.210	0.161					
cg02297616	1	40,255,140	4.62E-05	0.210	0.134				<i>BMP8B</i>	TSS1500
cg07267600	12	2,750,053	0.000643	0.210	0.224				<i>CACNA1C</i>	Body
cg04339790	16	10,675,656	5.06E-08	0.210	0.205				<i>EMP2</i>	TSS1500
cg23448978	7	51,209,365	0.003979	0.210	0.145				<i>COBL</i>	Body
cg24757778	10	60,616,392	6.2E-05	0.210	0.191					
cg25258843	8	10,587,305	0.002843	0.210	0.101				<i>SOX7</i>	Body
cg25695992	2	38,057,966	7.45E-09	0.210	0.225					
cg27550721	15	79,381,747	0.003492	0.210	0.232				<i>RASGRF1</i>	Body
cg04850286	10	81,895,943	0.004282	0.210	0.207				<i>PLAC9</i>	Body
cg09417849	16	331,892	0.015848	0.210	0.235				<i>ARHGDIG</i>	Body
cg05422883	2	43,072,932	7.16E-08	0.210	0.214					
cg11273176	2	26,947,126	3.71E-27	0.210	0.207				<i>KCNK3</i>	Body
cg13967908	9	117,159,457	9.64E-09	0.210	0.223					
cg18311360	19	34,311,562	0.010061	0.210	0.215					
cg05091135	13	51,103,373	0.007397	0.210	0.250					
cg00690609	10	72,218,900	0.002355	0.210	0.192					
cg15944060	5	180,248,018	0.000244	0.210	0.216					
cg25460753	6	10,384,975	0.000111	0.210	0.212					
cg01480180	7	90,896,329	0.017991	0.210	0.272				<i>FZD1</i>	1stExon
cg02216246	11	128,564,756	0.017525	0.210	0.172				<i>FLI1</i>	Body
cg19375810	3	42,787,927	3.49E-07	0.210	0.233				<i>CCDC13</i>	Body
cg13471424	1	149,223,500	0.000158	0.210	0.236					
cg19419874	1	48,462,278	0.014979	0.210	0.085					
cg26990680	10	50,816,058	0.015211	0.210	0.264				<i>CHAT</i>	TSS1500
cg16902385	18	55,019,669	0.003407	0.210	0.225				<i>ST8SIA3</i>	TSS200
cg23032674	6	70,992,911	0.001522	0.210	0.194				<i>COL9A1</i>	Body
cg19424531	8	65,711,522	0.008253	0.210	0.109				<i>CYP7B1</i>	TSS200
cg08141862	3	177,458,423	1.75E-09	0.210	0.183					
cg10481065	20	37,357,371	0.015486	0.210	0.206			Yes	<i>SLC32A1</i>	3'UTR
cg12069540	10	82,173,570	3.45E-06	0.210	0.192				<i>C10orf58</i>	TSS200
cg12542656	2	43,269,469	7.82E-06	0.210	0.222					

cg13547889	9	139,433,088	0.008891	0.210	0.125				<i>NOTCH1</i>	Body
cg14623306	9	84,280,537	2.05E-09	0.210	0.183				<i>TLE1</i>	Body
cg26811372	5	140,772,182	0.009688	0.210	0.262				<i>PCDHGA4</i>	Body
cg20248516	2	119,602,901	0.020821	0.210	0.258				<i>EN1</i>	Body
cg24004007	15	63,889,250	1.07E-08	0.210	0.203				<i>FBXL22</i>	TSS1500
cg02081019	5	92,930,813	1.53E-06	0.210	0.208					
cg22261669	13	98,959,799	1.41E-08	0.210	0.162				<i>FARP1</i>	Body
cg23578346	2	3,750,973	5.63E-05	0.210	0.224					
cg15934368	2	240,044,021	1.31E-07	0.210	0.217				<i>HDAC4</i>	Body
cg20656294	17	76,962,736	8.64E-11	0.210	0.189					
cg02564259	16	67,978,429	3.93E-11	0.210	0.186				<i>SLC12A4</i>	3'UTR
cg24686957	6	5,214,950	0.000124	0.210	0.174				<i>LYRM4</i>	Body
cg16105870	2	131,451,075	1.44E-07	0.210	0.215					
cg25117523	17	76,719,640	8.2E-05	0.210	0.244				<i>CYTH1</i>	Body
cg05146922	2	10,634,174	1.26E-05	0.210	0.207					
cg06963205	6	73,092,820	1.67E-12	0.210	0.202				<i>RIMS1</i>	Body
cg14181576	1	27,961,563	4.83E-07	0.210	0.219				<i>FGR</i>	5'UTR
cg15584486	8	100,667,796	8.59E-09	0.210	0.194				<i>VPS13B</i>	Body
cg18855104	2	45,181,829	0.00015	0.210	0.218					
cg22501608	15	78,449,129	1.33E-08	0.210	0.205				<i>IDH3A</i>	Body
cg25040466	20	61,636,172	0.000128	0.210	0.201					
cg05933037	16	81,223,254	9.18E-15	0.210	0.202				<i>PKD1L2</i>	Body
cg12477370	6	45,391,852	0.005661	0.210	0.162				<i>RUNX2</i>	Body
cg02716490	2	242,986,091	8.67E-07	0.210	0.165					
cg09746494	4	147,568,715	0.004128	0.210	0.234					
cg11796455	6	10,883,895	0.000958	0.210	0.230					
cg21837207	1	119,869,897	0.034346	0.210	0.165					
cg07298347	2	153,264,085	0.000592	0.210	0.202				<i>FMNL2</i>	Body
cg09174411	12	107,792,027	7.1E-12	0.210	0.194				<i>BTBD11</i>	Body
cg14579118	7	43,797,547	4.57E-10	0.210	0.189				<i>BLVRA</i>	TSS1500
cg15634877	2	220,299,643	1.34E-06	0.210	0.211				<i>SPEG</i>	TSS200
cg19035526	2	217,107,125	0.000147	0.210	0.180					
cg04293175	11	14,282,775	4.47E-12	0.210	0.217				<i>SPON1</i>	Body
cg04436994	1	221,055,665	7.48E-16	0.210	0.214				<i>HLX</i>	Body

cg04819580	7	150,635,526	0.029074	0.210	0.217					
cg15263021	11	61,273,282	1.28E-10	0.210	0.207					
cg17552357	17	76,932,332	2.53E-11	0.210	0.218					
cg11587191	1	3,382,237	1.58E-07	0.210	0.215				<i>ARHGEF16</i>	Body
cg15453278	11	67,134,607	8.33E-09	0.210	0.210				<i>CLCF1</i>	Body
cg06801857	1	230,367,682	1.11E-05	0.210	0.216				<i>GALNT2</i>	Body
cg23625823	4	183,698,078	0.000666	0.210	0.162				<i>ODZ3</i>	Body
cg06049171	15	69,126,265	1.78E-09	0.210	0.202				<i>MIR548H4</i>	Body
cg09730801	17	48,048,875	1.52E-10	0.210	0.192				<i>DLX4</i>	Body
cg11664818	21	37,852,665	2.01E-14	0.210	0.188				<i>CLDN14</i>	5'UTR
cg24881973	4	6,660,945	0.001448	0.210	0.182					
cg26938013	14	69,015,199	5.16E-09	0.210	0.213				<i>RAD51L1</i>	Body
cg00272971	10	102,419,564	0.024191	0.210	0.198					
cg00539300	16	2,895,093	6.19E-07	0.210	0.190					
cg11165960	15	62,876,940	5.33E-13	0.210	0.210					
cg13098071	1	156,370,496	2.95E-05	0.210	0.226					
cg04337096	5	146,257,347	0.000585	0.210	0.232				<i>PPP2R2B</i>	Body
cg03540028	21	43,183,977	2.12E-11	0.210	0.190				<i>RIPK4</i>	Body
cg27480580	19	12,835,134	1.14E-06	0.209	0.202				<i>TNPO2</i>	TSS1500
cg08903441	17	80,304,981	0.000832	0.209	0.177					
cg10602757	2	114,256,781	0.000105	0.209	0.233				<i>FOXD4L1</i>	1stExon
cg23213230	13	50,570,091	0.00613	0.209	0.123				<i>TRIM13</i>	TSS1500
cg00928753	X	36,976,515	2.97E-05	0.209	0.220					
cg12456799	10	106,441,036	0.00406	0.209	0.254				<i>SORCS3</i>	Body
cg19688584	6	167,529,678	1.28E-06	0.209	0.157				<i>CCR6</i>	5'UTR
cg03883502	6	5,086,610	3.53E-07	0.209	0.178				<i>PPP1R3G</i>	1stExon
cg05996160	2	16,124,662	8.44E-10	0.209	0.196					
cg19871588	5	151,098,316	9.04E-15	0.209	0.206			Yes		
cg22917372	12	122,186,536	8.17E-09	0.209	0.212				<i>TMEM120B</i>	Body
cg05437823	6	50,813,676	0.028917	0.209	0.296				<i>TFAP2B</i>	3'UTR
cg23395177	14	77,498,304	1.51E-15	0.209	0.214			Yes		
cg23599385	2	106,637,299	8.69E-09	0.209	0.169					
cg04037470	22	42,196,210	0.000789	0.209	0.150				<i>CCDC134</i>	TSS1500
cg17824540	2	161,260,031	3.02E-06	0.209	0.174				<i>RBMS1</i>	Body



cg10269548	4	53,728,923	8.38E-09	0.209	0.220				<i>RASL11B</i>	Body
cg12544191	5	172,671,754	0.000281	0.209	0.198					
cg27022584	17	79,071,378	0.006366	0.209	0.246				<i>BAIAP2</i>	Body
cg04847275	14	95,693,828	0.025299	0.209	0.125				<i>CLMN</i>	Body
cg06992324	2	122,322,947	1.78E-11	0.209	0.232				<i>CLASP1</i>	Body
cg09307985	19	36,643,070	1.46E-08	0.209	0.223				<i>COX7A1</i>	Body
cg09450352	7	157,495,481	1.63E-08	0.209	0.196				<i>PTPRN2</i>	Body
cg12107072	6	36,826,690	1.93E-07	0.209	0.192				<i>PPIL1</i>	Body
cg13902024	7	131,960,464	0.001586	0.209	0.227				<i>PLXNA4</i>	Body
cg25400746	9	131,965,635	0.002878	0.209	0.119					
cg15025248	2	191,278,648	8.03E-05	0.209	0.197				<i>MFSD6</i>	5'UTR
cg20489909	2	242,711,046	8.3E-14	0.209	0.190					
cg10726357	9	115,653,543	3.51E-11	0.209	0.198	1.11E-19	0.147		<i>SLC46A2</i>	TSS1500
cg14606256	12	54,132,568	1.24E-05	0.209	0.196					
cg20438687	17	4,761,644	0.026451	0.209	0.119				<i>MINK1</i>	Body
cg23026995	X	128,872,940	9.58E-07	0.209	0.192	1.38E-19	0.229		<i>XPNPEP2</i>	TSS200
cg08006672	16	85,427,738	5E-29	0.209	0.200					
cg12533496	17	26,859,931	1.54E-13	0.209	0.213				<i>FOXN1</i>	Body
cg00875272	1	47,695,321	0.02977	0.209	0.231	3.72E-11	0.175		<i>TAL1</i>	5'UTR
cg13757263	3	53,807,593	0.000329	0.209	0.262				<i>CACNA1D</i>	Body
cg19600750	14	57,274,677	0.008413	0.209	0.192				<i>OTX2</i>	5'UTR
cg02064724	14	74,179,953	0.014132	0.209	0.126				<i>PNMA1</i>	1stExon
cg04212150	18	56,531,132	6.43E-05	0.209	0.114				<i>ZNF532</i>	5'UTR
cg09042448	8	23,260,443	4.3E-11	0.209	0.188				<i>LOXL2</i>	5'UTR
cg11142489	4	74,810,142	0.006114	0.209	0.187					
cg13604166	3	133,811,326	3.16E-17	0.209	0.201					
cg25102417	1	115,632,693	0.016927	0.209	0.079				<i>TSPAN2</i>	TSS1500
cg07076816	7	38,351,154	0.001252	0.209	0.107					
cg07126235	6	43,192,225	5.64E-05	0.209	0.209				<i>CUL9</i>	3'UTR
cg09287629	2	203,036,208	5.17E-06	0.209	0.214					
cg14608384	5	54,516,879	6.32E-05	0.209	0.201					
cg22724998	15	60,288,082	0.009275	0.209	0.160					
cg27279674	12	3,049,965	8.13E-15	0.209	0.206				<i>TULP3</i>	3'UTR
cg02664349	18	11,149,841	0.009564	0.209	0.145				<i>FAM38B</i>	TSS1500

cg06255601	13	51,086,835	0.041963	0.209	0.104					
cg07501955	6	161,395,110	1.15E-08	0.209	0.206					
cg24324815	10	21,783,445	0.000299	0.209	0.194				<i>C10orf114</i>	3'UTR
cg27109600	2	200,332,025	1.76E-05	0.209	0.196				<i>FLJ32063</i>	TSS1500
cg14260073	6	137,244,681	6.22E-05	0.209	0.202				<i>SLC35D3</i>	Body
cg07318609	10	128,585,354	0.000228	0.209	0.234					
cg27376024	11	63,273,565	3.39E-08	0.209	0.188				<i>LGALS12</i>	5'UTR
cg26094554	17	36,719,654	3.62E-05	0.209	0.203				<i>SRCIN1</i>	Body
cg10234477	12	6,585,594	0.0003	0.209	0.191					
cg15202353	1	162,831,613	5.71E-11	0.209	0.205				<i>C1orf110</i>	5'UTR
cg19159365	1	67,218,505	0.000155	0.209	0.181				<i>TCTEX1D1</i>	5'UTR
cg22041190	11	125,037,348	0.006213	0.209	0.113				<i>PKNOX2</i>	5'UTR
cg22362636	4	2,758,447	0.002833	0.209	0.133	2.05E-40	0.181		<i>TNIP2</i>	TSS1500
cg05114606	17	21,274,193	4.11E-06	0.209	0.236					
cg22891600	2	104,018,319	0.02823	0.209	0.267					
cg15082028	1	19,043,507	0.040332	0.209	0.248				<i>PAX7</i>	Body
cg23151014	4	2,418,311	9.45E-07	0.209	0.195				<i>ZFYVE28</i>	Body
cg01876338	2	54,087,008	0.000541	0.209	0.126				<i>GPR75</i>	5'UTR
cg08618173	16	81,709,749	1.95E-17	0.209	0.192				<i>CMIP</i>	Body
cg09820479	X	128,810,342	9.8E-08	0.209	0.215					
cg14080888	9	130,712,990	9.12E-11	0.209	0.193				<i>FAM102A</i>	5'UTR
cg07284994	16	66,982,673	1.03E-06	0.209	0.191					
cg01896298	X	69,643,036	0.00304	0.209	0.186				<i>GDPD2</i>	1stExon
cg06960461	12	132,950,559	0.0349	0.209	0.224					
cg08712669	1	151,585,705	0.000617	0.209	0.118				<i>SNX27</i>	Body
cg10506882	3	35,681,627	0.01536	0.209	0.153					
cg14880894	4	78,697,859	1.91E-09	0.209	0.208				<i>CNOT6L</i>	Body
cg20635409	12	103,359,273	0.002018	0.209	0.232					
cg04552206	10	102,896,546	0.000447	0.209	0.166				<i>TLX1</i>	Body
cg04651781	4	1,398,798	0.005732	0.209	0.217					
cg08081323	11	57,232,407	2.59E-08	0.209	0.199				<i>RTN4RL2</i>	Body
cg23144473	7	38,340,103	0.000137	0.209	0.212					
cg18680626	4	6,052,527	0.003367	0.209	0.170				<i>JAKMIP1</i>	Body
cg21863499	1	27,113,640	0.000786	0.209	0.143				<i>PIGV</i>	TSS1500

cg00109703	20	39,320,005	0.000174	0.209	0.209					
cg12584458	6	28,447,107	0.00447	0.209	0.211					
cg13565575	12	48,397,568	0.009153	0.209	0.109				COL2A1	Body
cg21325715	17	80,297,128	0.000228	0.209	0.270					
cg26931862	12	54,349,169	0.000283	0.209	0.213				HOXC12	1stExon
cg01377200	4	184,938,316	0.000136	0.209	0.212				STOX2	Body
cg01857151	5	145,304,100	2.46E-11	0.209	0.201					
cg23194346	X	49,033,828	1.33E-15	0.209	0.205				PRICKLE3	Body
cg24549659	4	187,219,643	1.49E-08	0.209	0.184					
cg06520675	10	102,996,310	0.022113	0.209	0.269				FLJ41350	Body
cg11287077	5	158,590,712	4.21E-21	0.209	0.192				RNF145	Body
cg13364881	1	197,880,513	0.005272	0.209	0.247				LHX9	TSS1500
cg04247603	6	5,994,743	0.025149	0.209	0.197					
cg07333792	14	26,674,164	0.005306	0.209	0.234					
cg24642523	14	65,009,265	3.71E-05	0.209	0.183	1.16E-09	0.106		HSPA2	1stExon
cg02452944	5	140,810,109	0.011403	0.209	0.255				PCDHGA4	Body
cg13709982	9	136,567,739	0.000455	0.209	0.213				SARDH	Body
cg18267489	20	23,067,159	0.000559	0.209	0.212				CD93	TSS200
cg17503456	3	138,666,054	0.049297	0.209	0.231	0.0000256	0.092		FOXL2	TSS200
cg02702693	12	116,808,845	1.82E-18	0.209	0.209					
cg13382769	7	79,084,078	0.013914	0.209	0.203				MAGI2	TSS1500
cg21767759	17	48,154,356	7.36E-14	0.209	0.209				ITGA3	Body
cg00713400	7	22,233,206	1.99E-09	0.209	0.194				RAPGEF5	Body
cg09792970	12	111,374,169	0.016963	0.209	0.191					
cg11267546	7	27,167,828	4.11E-09	0.209	0.229				HOXA3	TSS1500
cg12078229	19	19,245,687	1.3E-05	0.209	0.199				TMEM161A	Body
cg18028999	15	81,426,610	0.009392	0.209	0.176				C15orf26	TSS200
cg00328900	5	82,769,097	0.017575	0.209	0.087				VCAN	5'UTR
cg03235661	20	60,525,775	9.88E-05	0.209	0.182					
cg04661629	1	26,687,174	0.022757	0.209	0.274					
cg14568105	19	37,282,931	0.017417	0.209	0.119					
cg16823083	1	3,567,412	3.92E-05	0.209	0.210				WDR8	TSS1500
cg25600472	5	140,857,647	9.69E-10	0.209	0.186				PCDHGA4	Body
cg02721394	3	195,914,017	0.000165	0.209	0.181					

cg20925383	13	50,702,410	1.73E-15	0.209	0.194					
cg02043791	8	38,322,629	6.55E-08	0.209	0.200				<i>FGFR1</i>	5'UTR
cg11302945	12	115,133,159	2.48E-11	0.209	0.178					
cg14667799	17	17,253,104	1.57E-20	0.209	0.203					
cg14963928	1	40,392,088	2.82E-11	0.209	0.210					
cg20640281	17	53,341,592	1.82E-05	0.209	0.198				<i>HLF</i>	TSS1500
cg21175326	14	59,074,518	0.003541	0.209	0.206					
cg03591690	3	166,884,766	0.001279	0.209	0.202					
cg17552714	13	100,607,949	0.000449	0.209	0.213					
cg26853787	2	202,904,337	1.97E-05	0.209	0.221					
cg10418755	11	27,015,519	0.047732	0.209	0.274				<i>FIBIN</i>	TSS200
cg21663666	2	232,220,549	7.74E-07	0.209	0.192					
cg15807143	2	3,452,624	2.59E-06	0.209	0.201				<i>TTC15</i>	Body
cg21065196	15	89,913,423	0.025711	0.209	0.197					
cg26248586	14	95,693,981	4.94E-05	0.209	0.146				<i>CLMN</i>	Body
cg24522654	12	19,535,154	0.016315	0.209	0.201					
cg00910882	15	65,648,312	1.98E-05	0.209	0.121				<i>IGDCC3</i>	Body
cg01357370	1	156,818,961	0.002948	0.209	0.209				<i>NTRK1</i>	Body
cg05010967	6	44,310,640	0.003162	0.209	0.213	5.28E-22	0.197		<i>SPATS1</i>	5'UTR
cg07631407	6	43,243,961	1.66E-05	0.209	0.218				<i>TTBK1</i>	Body
cg08473330	2	63,282,883	3.56E-05	0.209	0.195				<i>OTX1</i>	Body
cg16593333	12	96,514,873	4.91E-07	0.209	0.184					
cg21077578	7	1,022,970	1.57E-10	0.209	0.194				<i>CYP2W1</i>	1stExon
cg24495008	15	90,198,882	0.020517	0.209	0.110				<i>KIF7</i>	TSS1500
cg07393369	7	550,640	2.82E-12	0.209	0.173				<i>PDGFA</i>	Body
cg07972762	22	33,196,384	0.038095	0.209	0.283			Yes	<i>SYN3</i>	Body
cg22139212	15	68,062,715	6.3E-07	0.209	0.190				<i>MAP2K5</i>	Body
cg25882366	17	46,622,037	0.000238	0.209	0.217	2.08E-21	0.208		<i>HOXB2</i>	1stExon
cg02633924	17	75,315,563	0.035377	0.209	0.215				<i>SEPT9</i>	5'UTR
cg08122232	17	74,100,132	6.04E-08	0.209	0.184				<i>EXOC7</i>	TSS1500
cg26727435	22	50,453,437	0.00702	0.209	0.135					
cg08647652	17	18,538,582	5.78E-07	0.209	0.210					
cg02728721	20	9,487,112	1.52E-10	0.209	0.176					
cg07658590	21	46,963,587	1.89E-06	0.209	0.209	3.16E-13	0.077		<i>SLC19A1</i>	TSS1500

cg23052861	14	69,448,387	5.5E-13	0.209	0.190					
cg24902920	6	10,416,373	0.019505	0.209	0.134				<i>TFAP2A</i>	Body
cg00426659	12	99,548,329	3E-05	0.209	0.176				<i>ANKS1B</i>	1stExon
cg08327744	8	33,423,298	1.11E-06	0.209	0.196				<i>RNF122</i>	Body
cg11998932	7	3,901,843	0.000118	0.209	0.228				<i>SDK1</i>	Body
cg16996144	1	67,217,950	0.000621	0.209	0.210				<i>TCTEX1D1</i>	TSS200
cg14930075	8	140,715,018	0.013744	0.209	0.190				<i>KCNK9</i>	1stExon
cg13755873	17	70,113,187	0.000816	0.209	0.219					
cg17612681	2	66,298,197	2.43E-07	0.209	0.219					
cg18541254	13	112,709,550	0.000151	0.209	0.162					
cg18709570	12	8,172,018	0.041824	0.209	0.167					
cg02628360	17	79,315,269	0.002289	0.209	0.238					
cg06612196	6	6,737,390	0.000857	0.209	0.218					
cg10553596	2	242,751,847	0.000937	0.209	0.236				<i>NEU4</i>	TSS200
cg11427314	7	157,516,593	1.74E-13	0.209	0.206				<i>PTPRN2</i>	Body
cg22093640	15	29,033,886	0.000282	0.209	0.211					
cg22242539	17	1,665,220	4.01E-08	0.209	0.205	4.91E-34	0.136		<i>SERPINF1</i>	TSS200
cg24311933	1	180,138,771	3.28E-17	0.209	0.205				<i>QSOX1</i>	Body
cg26662049	15	89,903,672	0.013527	0.209	0.148					
cg19696622	X	20,285,908	0.017438	0.209	0.106	4.46E-11	0.057		<i>RPS6KA3</i>	TSS1500
cg17860158	1	205,012,569	0.008842	0.209	0.286	9.55E-14	0.131		<i>CNTN2</i>	5'UTR
cg00701706	17	72,931,632	3.13E-09	0.209	0.203				<i>OTOP3</i>	TSS1500
cg02065790	12	27,674,284	3.09E-10	0.209	0.208					
cg04032071	12	54,376,241	3.33E-06	0.209	0.161					
cg04457792	10	102,473,207	0.008113	0.209	0.233					
cg12453631	3	157,812,226	3.98E-06	0.209	0.219					
cg22560214	4	13,531,213	1.5E-06	0.209	0.189					
cg05479627	16	869,560	0.00129	0.209	0.229					
cg14041452	14	38,071,968	1.05E-06	0.209	0.222					
cg18916055	17	74,562,048	0.01661	0.209	0.211				<i>ST6GALNAC2</i>	3'UTR
cg19317960	4	54,452,606	6.21E-28	0.209	0.203				<i>LNX1</i>	5'UTR
cg21140843	17	1,398,405	5.1E-13	0.209	0.193				<i>INPP5K</i>	3'UTR
cg20987924	15	60,296,981	0.008583	0.209	0.120				<i>FOXB1</i>	5'UTR
cg11639708	6	20,209,127	2.18E-05	0.209	0.224				<i>MBOAT1</i>	Body

cg20674701	8	10,591,081	0.000153	0.209	0.225					
cg03160135	6	117,586,918	0.000136	0.209	0.158	9.42E-19	0.181		<i>VGLL2</i>	1stExon
cg24115264	13	43,149,043	0.006089	0.209	0.217				<i>TNFSF11</i>	Body
cg00929496	6	72,060,594	7.42E-11	0.209	0.221					
cg02909789	14	68,386,026	1.05E-19	0.209	0.237				<i>RAD51L1</i>	Body
cg04600055	8	102,092,805	0.026491	0.209	0.215					
cg26681975	6	36,238,123	0.011936	0.209	0.226				<i>PNPLA1</i>	5'UTR
cg24396631	X	119,134,082	0.001083	0.209	0.159					
cg03129014	13	20,736,156	1.1E-06	0.209	0.188				<i>GJA3</i>	TSS1500
cg07780095	12	85,674,296	0.044943	0.209	0.249				<i>ALX1</i>	Body
cg10123662	1	17,865,713	2.34E-06	0.209	0.202				<i>ARHGEF10L</i>	TSS1500
cg25934064	3	52,569,026	1.19E-09	0.209	0.174				<i>NT5DC2</i>	5'UTR
cg18664514	2	219,851,181	2.58E-06	0.209	0.211				<i>FEV</i>	TSS1500
cg26643967	19	36,485,282	0.001256	0.209	0.206				<i>SDHAF1</i>	TSS1500
cg27109106	5	141,294,040	0.026103	0.209	0.127					
cg00694520	2	223,916,687	0.025511	0.209	0.196				<i>KCNE4</i>	TSS200
cg02266399	7	143,582,146	1.15E-10	0.209	0.221				<i>FAM115A</i>	5'UTR
cg04155718	3	52,519,802	1.59E-16	0.209	0.190				<i>NISCH</i>	Body
cg15195412	16	57,406,955	4.97E-06	0.209	0.181	3.18E-36	0.190		<i>CX3CL1</i>	Body
cg22539744	3	64,476,370	1.95E-11	0.209	0.188					
cg07020001	12	122,019,031	0.018035	0.209	0.193				<i>KDM2B</i>	TSS200
cg07906193	10	126,599,966	1.31E-10	0.209	0.205					
cg10420161	10	102,899,983	9.9E-07	0.209	0.190					
cg24407096	6	169,653,618	0.03261	0.209	0.311				<i>THBS2</i>	5'UTR
cg25075776	6	30,848,828	3.31E-09	0.209	0.195					
cg18593081	1	181,286,640	0.016355	0.209	0.162					
cg20545410	10	33,232,548	1.13E-10	0.209	0.195				<i>ITGB1</i>	5'UTR
cg22758916	15	42,303,292	5.75E-07	0.209	0.200				<i>PLA2G4E</i>	TSS1500
cg24599107	1	161,049,443	2.5E-21	0.209	0.191				<i>PVRL4</i>	Body
cg02100373	5	134,367,090	0.000115	0.209	0.241				<i>PITX1</i>	Body
cg14375890	6	13,355,672	1.03E-13	0.209	0.182					
cg07128124	21	44,070,430	1.16E-06	0.209	0.227					
cg23129478	18	44,337,922	0.049937	0.209	0.060	4.48E-10	0.132		<i>ST8SIA5</i>	TSS1500
cg01837846	2	23,755,343	4.52E-08	0.209	0.195				<i>KLHL29</i>	5'UTR

cg02892286	1	214,153,377	0.04692	0.209	0.287					
cg09579094	2	174,949,048	1.46E-10	0.209	0.173				<i>OLA1</i>	Body
cg09632271	4	68,441,222	0.03237	0.209	0.233				<i>STAP1</i>	Body
cg07273992	11	68,925,191	3.66E-11	0.209	0.214					
cg10742801	10	135,161,047	0.011243	0.209	0.190	5.67E-21	0.197		<i>PRAP1</i>	Body
cg01957088	8	122,651,486	0.016257	0.209	0.254				<i>HAS2</i>	5'UTR
cg10104252	12	3,563,899	0.006959	0.209	0.214					
cg12055395	7	96,642,605	0.010952	0.209	0.228				<i>DLX6AS</i>	Body
cg21347353	22	25,678,439	0.049787	0.209	0.117					
cg21913528	1	185,283,071	1.24E-06	0.209	0.217				<i>IVNS1ABP</i>	5'UTR
cg08031967	17	853,971	2.8E-08	0.208	0.210				<i>NXN</i>	Body
cg08478116	15	32,933,919	2.17E-09	0.208	0.161			Yes	<i>SCG5</i>	1stExon
cg18396357	2	50,201,413	0.035502	0.208	0.231				<i>NRXN1</i>	Body
cg23151649	7	151,393,469	3.13E-05	0.208	0.180				<i>PRKAG2</i>	Body
cg00588517	6	31,895,464	3.7E-09	0.208	0.199				<i>C2</i>	1stExon
cg11726792	4	113,432,701	1.19E-06	0.208	0.198					
cg16484473	10	50,649,723	2.12E-05	0.208	0.184					
cg03249020	7	143,060,108	5.07E-06	0.208	0.173				<i>FAM131B</i>	TSS1500
cg04361266	16	20,910,376	2.18E-23	0.208	0.233				<i>LYRM1</i>	TSS1500
cg22119466	2	9,331,371	1.01E-05	0.208	0.224					
cg01020263	16	50,732,073	0.001484	0.208	0.164				<i>NOD2</i>	Body
cg25995980	10	46,993,515	7.83E-07	0.208	0.167				<i>GPRIN2</i>	TSS200
cg14865129	6	3,229,530	0.012535	0.208	0.280					
cg03497399	3	33,260,934	9.75E-05	0.208	0.215				<i>SUSD5</i>	TSS1500
cg14099718	9	36,879,449	9.16E-09	0.208	0.193				<i>PAX5</i>	Body
cg16706749	15	74,222,816	1.31E-09	0.208	0.198				<i>LOXL1</i>	Body
cg22826333	4	48,987,791	1.85E-05	0.208	0.196				<i>CWH43</i>	TSS1500
cg25180075	2	129,076,367	0.002557	0.208	0.209				<i>HS6ST1</i>	TSS200
cg01393945	5	10,457,034	2.2E-39	0.208	0.209				<i>ROPN1L</i>	Body
cg16185299	5	3,326,644	0.004494	0.208	0.236					
cg16549043	1	156,050,126	2.98E-09	0.208	0.221				<i>MEX3A</i>	Body
cg23706836	8	6,407,997	9.3E-09	0.208	0.161				<i>ANGPT2</i>	Body
cg23710218	8	72,756,656	0.000133	0.208	0.234	3.95E-29	0.211		<i>MSC</i>	1stExon
cg01650904	20	37,354,889	0.000593	0.208	0.248				<i>SLC32A1</i>	Body

cg06437417	11	111,895,279	0.002583	0.208	0.161				<i>DLAT</i>	TSS1500
cg07983363	15	101,991,886	3.08E-07	0.208	0.205				<i>PCSK6</i>	Body
cg15900221	1	3,382,434	3.49E-13	0.208	0.191				<i>ARHGEF16</i>	Body
cg17018946	18	5,894,665	0.02193	0.208	0.257					
cg19697981	6	108,487,820	0.010154	0.208	0.307	3.39E-17	0.178		<i>NR2E1</i>	5'UTR
cg08156066	20	21,695,334	0.015494	0.208	0.302				<i>PAX1</i>	Body
cg09873409	7	132,095,782	1.08E-13	0.208	0.200				<i>PLXNA4</i>	Body
cg00509670	14	37,130,313	0.000142	0.208	0.208	0.0406722	0.038		<i>PAX9</i>	5'UTR
cg04091555	4	79,417,584	9.57E-16	0.208	0.193				<i>FRAS1</i>	Body
cg23975840	12	117,042,895	0.004728	0.208	0.215					
cg05766251	17	37,024,760	1.05E-05	0.208	0.193				<i>LASP1</i>	TSS1500
cg19603836	10	30,317,688	1.56E-09	0.208	0.211				<i>KIAA1462</i>	Body
cg03792042	8	145,045,235	1.27E-06	0.208	0.186				<i>PLEC1</i>	Body
cg12927277	2	238,509,162	1.05E-07	0.208	0.228					
cg20442078	2	27,531,360	4.82E-09	0.208	0.220				<i>UCN</i>	TSS1500
cg23497016	2	66,666,684	0.034088	0.208	0.233				<i>MEIS1</i>	Body
cg02109484	2	74,875,253	6.76E-05	0.208	0.182				<i>C2orf65</i>	TSS200
cg15840039	X	66,788,098	4.52E-09	0.208	0.209				<i>AR</i>	TSS1500
cg16927242	2	66,664,667	0.016511	0.208	0.246				<i>MEIS1</i>	Body
cg05143345	14	23,447,408	1.43E-06	0.208	0.196				<i>JUB</i>	Body
cg08832220	3	55,516,184	5.61E-05	0.208	0.179				<i>WNT5A</i>	Body
cg10018167	14	64,663,683	2.9E-08	0.208	0.203				<i>SYNE2</i>	Body
cg12186317	5	1,183,173	3.95E-06	0.208	0.221					
cg16357388	4	5,892,083	0.018974	0.208	0.214				<i>CRMP1</i>	Body
cg26266842	1	99,470,801	0.025519	0.208	0.257				<i>LPPR5</i>	TSS1500
cg15012054	12	13,253,742	0.000202	0.208	0.191				<i>GSG1</i>	Body
cg17403397	2	145,282,262	1.11E-05	0.208	0.200					
cg25889711	10	102,473,609	0.006903	0.208	0.186					
cg14643892	12	64,784,070	0.00027	0.208	0.226				<i>C12orf56</i>	Body
cg13918518	17	59,488,240	2.26E-05	0.208	0.190				<i>C17orf82</i>	TSS1500
cg14515812	1	21,978,863	3.06E-07	0.208	0.204				<i>RAP1GAP</i>	5'UTR
cg18438591	1	205,473,341	8.92E-16	0.208	0.203				<i>CDK18</i>	TSS1500
cg18838941	10	15,376,939	1.18E-18	0.208	0.212				<i>FAM171A1</i>	Body
cg21117808	1	9,887,936	3.71E-13	0.208	0.195					



cg26455386	17	16,999,983	2.93E-11	0.208	0.204				<i>MPRIIP</i>	Body
cg20943039	15	65,186,445	0.000119	0.208	0.182					
cg07586272	11	94,134,580	0.014769	0.208	0.157				<i>GPR83</i>	1stExon
cg09155774	9	96,723,033	0.000808	0.208	0.210					
cg16934685	7	143,060,037	0.016453	0.208	0.145				<i>FAM131B</i>	TSS1500
cg15999165	5	102,201,421	0.000593	0.208	0.213				<i>PAM</i>	TSS200
cg01152019	2	177,015,044	0.012647	0.208	0.178				<i>HOXD4</i>	TSS1500
cg14985891	1	116,270,626	4.83E-11	0.208	0.192				<i>CASQ2</i>	Body
cg16169475	6	14,407,532	0.000503	0.208	0.226					
cg16268769	1	156,890,782	5.38E-06	0.208	0.154				<i>C1orf92</i>	Body
cg18303896	11	75,922,637	0.000254	0.208	0.200					
cg07867517	16	75,520,165	0.000169	0.208	0.189				<i>CHST6</i>	5'UTR
cg18289581	14	23,830,974	0.0004	0.208	0.241				<i>EFS</i>	Body
cg19206146	6	28,661,759	7.05E-05	0.208	0.219					
cg01142776	2	228,582,816	0.022166	0.208	0.165				<i>SLC19A3</i>	TSS200
cg12036303	6	30,652,907	0.000104	0.208	0.209				<i>KIAA1949</i>	Body
cg18592365	1	79,472,536	1.75E-06	0.208	0.204				<i>ELTD1</i>	TSS200
cg22842797	17	48,912,621	1.03E-06	0.208	0.196				<i>WFIKKN2</i>	1stExon
cg24414325	12	56,414,442	5.5E-09	0.208	0.196				<i>IKZF4</i>	TSS1500
cg26334209	10	13,726,634	0.002863	0.208	0.196				<i>FRMD4A</i>	Body
cg03215181	4	122,873,487	0.011298	0.208	0.188				<i>TRPC3</i>	TSS1500
cg14415160	1	47,010,105	0.003655	0.208	0.260					
cg15894581	15	63,889,406	4.43E-12	0.208	0.190				<i>FBXL22</i>	TSS200
cg18647268	1	39,735,142	9.93E-09	0.208	0.202				<i>MACF1</i>	Body
cg00145079	15	68,112,888	0.000314	0.208	0.241					
cg02708705	17	74,264,300	4.62E-08	0.208	0.220				<i>FAM100B</i>	Body
cg03512098	11	2,730,129	1.53E-11	0.208	0.193				<i>KCNQ1</i>	Body
cg23287005	8	141,588,165	2.22E-08	0.208	0.222				<i>EIF2C2</i>	Body
cg02019444	21	35,016,787	2.07E-11	0.208	0.182				<i>ITSN1</i>	5'UTR
cg09333471	7	24,796,355	0.009606	0.208	0.126				<i>DFNA5</i>	5'UTR
cg09838217	5	179,770,299	7.02E-06	0.208	0.195				<i>GFPT2</i>	Body
cg03996195	18	55,095,229	0.002023	0.208	0.261					
cg17453840	15	83,317,526	1.08E-07	0.208	0.240				<i>CPEB1</i>	TSS1500
cg21241889	9	123,690,658	1.57E-06	0.208	0.148				<i>TRAF1</i>	TSS1500

cg00990769	8	98,956,478	1.83E-09	0.208	0.205				<i>MATN2</i>	Body
cg07461072	16	28,073,940	2.69E-05	0.208	0.202				<i>GSG1L</i>	Body
cg08166272	2	227,663,151	0.017692	0.208	0.188				<i>IRS1</i>	1stExon
cg13597013	17	78,922,527	2.49E-15	0.208	0.187				<i>RPTOR</i>	Body
cg22804000	7	24,797,691	4.4E-08	0.208	0.178				<i>DFNA5</i>	TSS1500
cg25947489	8	95,246,814	0.031444	0.208	0.308					
cg02245378	2	223,161,771	0.000907	0.208	0.157	3.81E-17	0.178		<i>PAX3</i>	Body
cg16272030	7	138,868,118	3.42E-10	0.208	0.217				<i>TTC26</i>	Body
cg24729839	1	225,955,869	2.52E-09	0.208	0.192					
cg02042623	12	104,227,548	1.03E-14	0.208	0.205				<i>NT5DC3</i>	Body
cg14011845	17	59,533,635	3.67E-10	0.208	0.183				<i>TBX4</i>	TSS200
cg11599830	12	49,504,967	9.29E-05	0.208	0.210				<i>LMBR1L</i>	TSS1500
cg19250799	1	47,910,456	0.008427	0.208	0.214					
cg21988119	19	17,958,937	9.89E-05	0.208	0.145				<i>JAK3</i>	TSS200
cg13935437	1	19,600,673	4.09E-05	0.208	0.182				<i>AKR7L</i>	TSS200
cg15055817	3	186,079,142	0.000854	0.208	0.166				<i>DGKG</i>	5'UTR
cg18927901	6	36,238,043	4.08E-06	0.208	0.180				<i>PNPLA1</i>	5'UTR
cg03305955	12	54,417,033	1.99E-09	0.208	0.169				<i>HOXC4</i>	5'UTR
cg05477823	17	59,481,085	6.58E-06	0.208	0.199				<i>TBX2</i>	Body
cg09731073	16	29,262,594	0.001941	0.208	0.136					
cg24749089	2	153,322,823	1.43E-05	0.208	0.197				<i>FMNL2</i>	Body
cg02406098	3	32,911,355	1.66E-17	0.208	0.205				<i>TRIM71</i>	Body
cg05670898	16	66,460,448	0.000303	0.208	0.185				<i>BEAN</i>	TSS1500
cg20200460	10	130,165,501	0.000165	0.208	0.186					
cg02026535	19	7,580,217	1.49E-09	0.208	0.188				<i>ZNF358</i>	TSS1500
cg14543255	17	8,905,775	0.039018	0.208	0.145					
cg23351327	7	151,433,178	1.17E-08	0.208	0.161				<i>PRKAG2</i>	Body
cg00541683	1	32,041,933	4.24E-05	0.208	0.167				<i>TINAGL1</i>	TSS200
cg01978213	4	41,866,309	3.86E-08	0.208	0.210					
cg23621418	10	75,670,653	0.024675	0.208	0.131				<i>PLAU</i>	TSS1500
cg18231690	15	85,294,586	2.98E-12	0.208	0.221				<i>ZNF592</i>	5'UTR
cg25375764	6	24,494,665	0.000872	0.208	0.136	4.25E-21	0.133		<i>ALDH5A1</i>	TSS1500
cg05130115	16	11,327,053	2.69E-06	0.208	0.222					
cg08203788	7	25,900,279	2.32E-06	0.208	0.185					

cg08244301	19	17,610,751	7.34E-06	0.208	0.221				<i>SLC27A1</i>	Body
cg00607755	2	42,274,082	6.61E-06	0.208	0.155				<i>PKDCC</i>	TSS1500
cg06237151	10	46,123,153	1.38E-05	0.208	0.231				<i>ANUBL1</i>	Body
cg06936231	4	176,626,819	0.000464	0.208	0.238				<i>GPM6A</i>	Body
cg22907295	11	84,659,234	3.49E-05	0.208	0.108				<i>DLG2</i>	Body
cg13305415	5	141,697,464	3.28E-07	0.208	0.208				<i>SPRY4</i>	Body
cg22117805	11	36,422,455	2.98E-08	0.208	0.171				<i>PRR5L</i>	5'UTR
cg06488655	15	96,903,665	1.65E-07	0.208	0.211					
cg07441278	3	48,256,968	3.68E-09	0.208	0.205					
cg12461113	X	13,587,550	0.000574	0.208	0.249				<i>EGFL6</i>	TSS200
cg18763247	2	12,907,913	0.001618	0.208	0.129					
cg17139085	1	36,787,356	1.25E-07	0.208	0.206					
cg23409774	5	175,300,141	0.008681	0.208	0.188				<i>CPLX2</i>	5'UTR
cg01427957	1	151,689,979	0.030223	0.208	0.193				<i>TNRC4</i>	TSS1500
cg18345386	3	62,363,466	0.001764	0.208	0.201					
cg18460175	19	36,132,561	0.001769	0.208	0.253				<i>ETV2</i>	TSS200
cg25309292	13	113,613,574	0.000542	0.208	0.140					
cg26434983	15	89,952,904	1.98E-06	0.208	0.183					
cg23700513	6	29,856,305	0.002425	0.208	0.213				<i>HLA-H</i>	Body
cg04340651	15	93,617,080	1.64E-08	0.208	0.173				<i>RGMA</i>	1stExon
cg09091185	16	936,993	1.39E-09	0.208	0.181				<i>LMF1</i>	Body
cg22487391	1	95,437,072	2.98E-14	0.208	0.217					
cg23501051	11	19,736,912	4.91E-06	0.208	0.182				<i>LOC100126784</i>	TSS1500
cg27223805	11	2,889,616	1.05E-13	0.208	0.213					
cg18724565	7	5,633,068	0.000506	0.208	0.210				<i>FSCN1</i>	1stExon
cg01753788	8	145,024,929	2.46E-06	0.208	0.229				<i>PLEC1</i>	5'UTR
cg26006951	5	1,295,988	8.51E-06	0.208	0.173				<i>TERT</i>	TSS1500
cg04573398	11	86,086,005	6.54E-09	0.208	0.203				<i>CCDC81</i>	1stExon
cg04999691	7	150,027,050	2.68E-12	0.208	0.240	4.02E-22	0.105		<i>C7orf29</i>	5'UTR
cg07804276	2	219,856,889	0.000447	0.208	0.206				<i>CRYBA2</i>	Body
cg12615761	18	8,608,907	0.03563	0.208	0.232				<i>RAB12</i>	TSS1500
cg18690385	1	47,078,966	0.000146	0.208	0.227				<i>MOBK12C</i>	Body
cg26156167	1	161,582,651	0.01089	0.208	0.097					
cg27392559	17	27,410,759	1.97E-07	0.208	0.195				<i>MYO18A</i>	Body

cg06893273	17	46,604,774	3.63E-06	0.208	0.212					
cg10838925	3	138,666,318	0.001728	0.208	0.186				<i>FOXL2</i>	TSS1500
cg11869862	15	37,399,798	0.00012	0.208	0.225					
cg01965636	14	90,237,942	0.004417	0.208	0.239					
cg06536333	6	41,339,977	0.002853	0.208	0.178					
cg11551879	12	111,620,258	3.81E-12	0.208	0.188				<i>CUX2</i>	Body
cg10476773	5	177,412,688	2.64E-06	0.208	0.199					
cg11812015	2	85,482,129	2.51E-13	0.208	0.197				<i>TCF7L1</i>	Body
cg26391794	13	49,323,899	0.002518	0.208	0.176					
cg13689996	17	71,810,497	0.001198	0.208	0.256				<i>C17orf54</i>	Body
cg14624731	2	121,436,004	1.49E-10	0.208	0.239					
cg03893150	1	6,526,325	9.73E-05	0.208	0.208				<i>TNFRSF25</i>	TSS200
cg04387597	17	72,443,179	3.81E-10	0.208	0.194				<i>GPRC5C</i>	3'UTR
cg22778120	22	45,094,531	7.57E-07	0.208	0.192				<i>PRR5</i>	5'UTR
cg26899598	15	91,429,088	7.48E-06	0.208	0.214				<i>FES</i>	Body
cg16590319	1	109,805,584	4.49E-06	0.208	0.236				<i>CELSR2</i>	Body
cg22875872	1	44,031,756	5.76E-06	0.208	0.205				<i>PTPRF</i>	Body
cg25550823	2	190,192,866	0.01974	0.208	0.266					
cg06781608	7	157,361,040	4.43E-09	0.208	0.196				<i>PTPRN2</i>	Body
cg22142254	15	29,228,305	4.9E-17	0.208	0.202				<i>APBA2</i>	5'UTR
cg23150604	2	85,732,147	2.85E-09	0.208	0.206					
cg26554592	10	108,924,398	0.004808	0.208	0.210				<i>SORCS1</i>	TSS200
cg21087137	12	75,728,469	0.009991	0.208	0.149	2.78E-23	0.202		<i>GLIPR1L1</i>	5'UTR
cg15600969	X	119,868,737	9.24E-15	0.208	0.206					
cg24342961	2	97,351,094	4.93E-10	0.208	0.190				<i>FER1L5</i>	Body
cg27425327	12	102,270,723	0.001244	0.208	0.141				<i>DRAM1</i>	TSS1500
cg05242915	19	1,263,080	2.6E-14	0.208	0.203					
cg09937500	2	208,175,271	6.61E-09	0.208	0.204					
cg01018477	5	172,658,226	6.96E-06	0.208	0.189					
cg04543233	20	21,689,105	0.006848	0.208	0.226				<i>PAX1</i>	Body
cg23072823	3	14,445,421	0.001065	0.208	0.177				<i>SLC6A6</i>	5'UTR
cg00679520	12	63,133,578	1.42E-07	0.208	0.207				<i>PPM1H</i>	Body
cg08829024	16	2,879,393	2.86E-12	0.208	0.196				<i>ZG16B</i>	TSS1500
cg09954698	14	74,705,733	0.000616	0.208	0.225				<i>VSX2</i>	TSS1500

cg23991636	7	23,507,657	0.000194	0.208	0.205				<i>IGF2BP3</i>	Body
cg01602730	1	153,671,011	0.000165	0.208	0.221					
cg14025556	1	200,011,411	2.35E-06	0.208	0.231				<i>NR5A2</i>	Body
cg17054386	2	219,855,054	3.2E-08	0.208	0.178				<i>CRYBA2</i>	Body
cg03280245	11	57,242,445	5.36E-07	0.208	0.188				<i>RTN4RL2</i>	Body
cg09050832	8	1,365,175	0.019131	0.208	0.203					
cg10930308	6	30,039,476	0.003945	0.208	0.216				<i>RNF39</i>	Body
cg14613470	5	137,071,799	1.51E-05	0.208	0.096				<i>KLHL3</i>	TSS200
cg00741624	14	93,897,389	0.004316	0.208	0.167				<i>KIAA1409</i>	5'UTR
cg01853561	21	38,120,466	0.002128	0.208	0.122				<i>SIM2</i>	3'UTR
cg16248515	3	156,840,234	7.03E-07	0.208	0.202					
cg18082788	6	149,806,339	7.73E-08	0.208	0.201				<i>ZC3H12D</i>	TSS200
cg19716643	14	52,735,026	0.023384	0.208	0.138				<i>PTGDR</i>	1stExon
cg24332002	1	22,228,582	2.63E-12	0.208	0.203				<i>HSPG2</i>	Body
cg09502809	1	32,248,172	1.64E-12	0.208	0.208					
cg15377283	8	55,371,369	0.006227	0.208	0.200				<i>SOX17</i>	Body
cg15416279	5	3,606,795	0.007825	0.208	0.329					
cg04101194	4	25,656,865	0.005503	0.208	0.172				<i>SLC34A2</i>	TSS1500
cg15120525	3	188,108,233	0.000357	0.208	0.205				<i>LPP</i>	5'UTR
cg19954218	X	102,983,556	4.69E-05	0.208	0.173				<i>GLRA4</i>	TSS200
cg08241465	16	57,924,256	9.78E-13	0.208	0.191				<i>CNGB1</i>	Body
cg08771171	5	138,211,084	1.01E-05	0.208	0.192				<i>CTNNA1</i>	Body
cg14485643	9	134,484,581	0.029163	0.208	0.284				<i>RAPGEF1</i>	Body
cg19509663	4	7,863,560	1.52E-11	0.208	0.191				<i>AFAP1</i>	Body
cg02689489	10	31,423,315	3.14E-05	0.208	0.220					
cg14110969	12	27,236,884	1.75E-11	0.208	0.214				<i>C12orf71</i>	TSS1500
cg21838979	2	106,681,945	6.44E-05	0.208	0.183				<i>C2orf40</i>	TSS200
cg01776278	7	149,472,049	4.4E-15	0.208	0.202				<i>SSPO</i>	TSS1500
cg08834922	17	41,003,236	1.06E-06	0.208	0.241				<i>AOC3</i>	1stExon
cg11118413	3	128,292,699	9.25E-06	0.208	0.222				<i>C3orf27</i>	5'UTR
cg24027397	3	181,437,712	0.027784	0.208	0.286				<i>SOX2OT</i>	Body
cg20321801	11	2,404,384	1.77E-31	0.208	0.219				<i>CD81</i>	Body
cg00590029	12	114,838,618	0.001234	0.208	0.225				<i>TBX5</i>	Body
cg20287434	17	79,958,592	1.12E-05	0.208	0.209				<i>ASPSCR1</i>	Body

cg11574184	8	145,755,264	0.01494	0.208	0.286				<i>MGC70857</i>	TSS1500
cg16874347	2	86,450,216	1.08E-08	0.208	0.197				<i>REEP1</i>	Body
cg20338426	11	86,188,827	1.62E-08	0.208	0.200				<i>ME3</i>	Body
cg26486175	X	18,658,942	3.76E-06	0.208	0.184				<i>CDKL5</i>	Body
cg03761894	X	71,527,796	0.026272	0.207	0.099				<i>CITED1</i>	TSS1500
cg09115473	5	14,440,991	9.63E-05	0.207	0.182				<i>TRIO</i>	Body
cg10741308	10	97,175,272	1.89E-08	0.207	0.213				<i>SORBS1</i>	Body
cg27642470	6	117,802,710	0.000469	0.207	0.204				<i>DCBLD1</i>	TSS1500
cg10454937	9	96,715,047	0.021483	0.207	0.299				<i>BARX1</i>	Body
cg04479757	22	26,951,319	0.004705	0.207	0.222				<i>MIR548J</i>	TSS200
cg04597449	5	94,955,575	0.006696	0.207	0.160	0.0000208	0.096		<i>GPR150</i>	TSS1500
cg17770096	12	121,078,022	2.74E-05	0.207	0.176				<i>CABP1</i>	TSS1500
cg19711579	2	182,545,562	0.007694	0.207	0.118				<i>NEUROD1</i>	TSS200
cg22708902	8	23,100,981	1.26E-09	0.207	0.184				<i>CHMP7</i>	TSS200
cg02316596	11	120,434,979	0.030534	0.207	0.141					
cg06971092	17	35,291,286	0.000316	0.207	0.206					
cg22377389	13	20,805,679	3.23E-05	0.207	0.166	0.0000206	0.051		<i>GJB6</i>	5'UTR
cg26891237	6	36,966,223	0.008821	0.207	0.194			Yes		
cg01943874	20	44,746,944	0.000182	0.207	0.255				<i>CD40</i>	1stExon
cg12298688	2	172,946,691	6E-05	0.207	0.165					
cg14862395	20	44,879,700	0.01829	0.207	0.223				<i>CDH22</i>	1stExon
cg02851047	16	2,132,723	7.86E-07	0.207	0.200				<i>TSC2</i>	Body
cg16081096	3	12,980,202	5.01E-10	0.207	0.198				<i>IQSEC1</i>	Body
cg19839325	19	18,761,132	2.04E-07	0.207	0.223				<i>KLHL26</i>	Body
cg00156230	7	45,073,692	0.021935	0.207	0.258				<i>CCM2</i>	Body
cg02068015	22	17,848,581	1.77E-13	0.207	0.202					
cg04939026	7	25,898,446	0.001689	0.207	0.199					
cg21206949	14	94,595,582	0.002476	0.207	0.277				<i>IFI27L2</i>	Body
cg02389040	6	31,650,786	2.68E-09	0.207	0.208					
cg08827001	11	111,384,048	0.001991	0.207	0.225				<i>BTG4</i>	TSS1500
cg24788090	8	74,332,815	0.000551	0.207	0.165				<i>STAU2</i>	3'UTR
cg03034070	2	190,044,841	0.000889	0.207	0.218				<i>COL5A2</i>	TSS1500
cg17436460	10	17,028,480	1.01E-08	0.207	0.202				<i>CUBN</i>	Body
cg24416190	4	186,007,379	9.05E-10	0.207	0.185					

cg04287375	10	102,490,920	0.000281	0.207	0.122					
cg11065015	20	327,170	9.23E-07	0.207	0.123				<i>NRSN2</i>	TSS200
cg14524936	11	20,627,597	0.021419	0.207	0.224				<i>SLC6A5</i>	Body
cg18447972	17	7,036,934	0.001388	0.207	0.203					
cg23361659	2	28,914,775	5.03E-10	0.207	0.197					
cg06970290	11	64,951,536	5.05E-08	0.207	0.193				<i>CAPN1</i>	Body
cg07638450	7	101,796,416	5.83E-05	0.207	0.183				<i>CUX1</i>	Body
cg26973488	16	67,450,606	0.032451	0.207	0.144				<i>ZDHC1</i>	TSS1500
cg12108730	16	69,141,258	0.03135	0.207	0.221				<i>HAS3</i>	5'UTR
cg20050826	12	52,995,295	2.48E-05	0.207	0.161	1.41E-19	0.199		<i>KRT72</i>	1stExon
cg23072008	19	38,916,738	7.12E-07	0.207	0.219				<i>RASGRP4</i>	1stExon
cg09234582	6	33,048,286	0.035356	0.207	-0.001				<i>HLA-DPB1</i>	Body
cg15288618	3	139,257,775	5.88E-05	0.207	0.205				<i>RBP1</i>	Body
cg01295034	16	48,576,092	1.92E-15	0.207	0.189				<i>N4BP1</i>	3'UTR
cg06888460	11	18,477,303	1.99E-05	0.207	0.164				<i>LDHAL6A</i>	TSS200
cg07377446	19	39,754,498	0.01104	0.207	0.277					
cg11525285	14	74,706,336	0.008504	0.207	0.241	9.74E-18	0.207		<i>VSX2</i>	1stExon
cg17263206	5	154,071,247	1.81E-06	0.207	0.194					
cg18342462	11	111,385,659	0.00222	0.207	0.153				<i>C11orf88</i>	1stExon
cg20400838	7	21,208,923	4.01E-07	0.207	0.217					
cg26306869	1	153,522,973	0.000113	0.207	0.238				<i>S100A3</i>	TSS1500
cg25935014	12	103,889,042	1.05E-05	0.207	0.193				<i>C12orf42</i>	5'UTR
cg11363230	6	29,796,351	0.022068	0.207	0.251				<i>HLA-G</i>	Body
cg16660891	16	84,828,913	3.61E-15	0.207	0.184					
cg22623649	8	99,179,021	6.46E-15	0.207	0.217					
cg08167110	4	152,543,520	1.33E-08	0.207	0.190				<i>FAM160A1</i>	Body
cg10236603	4	85,246,175	7.43E-08	0.207	0.181					
cg24041917	1	119,535,986	0.000543	0.207	0.231					
cg12927641	6	109,611,667	1.25E-10	0.207	0.193					
cg23890008	11	20,229,545	0.028251	0.207	0.192					
cg02485328	5	158,522,603	0.007971	0.207	0.183				<i>EBF1</i>	Body
cg06759629	4	25,090,198	0.012089	0.207	0.231					
cg08736225	2	18,654,908	4.59E-08	0.207	0.186					
cg20650914	13	44,627,134	3.17E-10	0.207	0.163					

cg24588381	13	28,551,145	7.71E-07	0.207	0.193					
cg14141919	2	10,572,524	0.0119	0.207	0.182					
cg17785786	4	166,414,666	0.002782	0.207	0.278				<i>CPE</i>	Body
cg00043510	1	235,814,134	0.049293	0.207	0.127				<i>GNG4</i>	TSS1500
cg03857664	5	171,864,134	7.24E-09	0.207	0.213				<i>SH3PXD2B</i>	Body
cg26907472	16	69,006,828	9.2E-12	0.207	0.199				<i>TMCO7</i>	Body
cg02603022	X	39,547,825	0.003596	0.207	0.132					
cg06246094	15	42,174,085	0.000132	0.207	0.195				<i>SPTBN5</i>	Body
cg14548259	12	116,946,214	0.031976	0.207	0.189					
cg06616729	8	55,379,248	0.044026	0.207	0.274					
cg10975001	1	33,627,155	1.1E-14	0.207	0.211				<i>TRIM62</i>	Body
cg14750757	3	127,506,604	2.12E-09	0.207	0.205				<i>MGLL</i>	Body
cg15473084	5	50,265,600	0.007227	0.207	0.198					
cg24674368	14	97,879,637	0.000774	0.207	0.254					
cg07241090	12	124,864,594	4.5E-11	0.207	0.210				<i>NCOR2</i>	Body
cg08679180	11	73,034,459	7.84E-07	0.207	0.205				<i>ARHGEF17</i>	Body
cg07494691	22	44,395,110	7.2E-16	0.207	0.209				<i>PARVB</i>	TSS200
cg19796532	12	50,426,901	3.34E-06	0.207	0.206					
cg23820828	8	99,959,602	3.08E-07	0.207	0.197				<i>OSR2</i>	5'UTR
cg23729107	17	6,679,264	0.037836	0.207	0.300				<i>FBXO39</i>	TSS1500
cg06324785	22	25,960,219	3.38E-05	0.207	0.197				<i>ADRBK2</i>	TSS1500
cg09955705	8	30,253,570	0.001137	0.207	0.223				<i>RBPM5</i>	Body
cg14996263	12	7,046,277	6.95E-07	0.207	0.171				<i>ATN1</i>	Body
cg20533899	11	76,381,105	0.000005	0.207	0.208				<i>LRR32</i>	5'UTR
cg22478317	2	110,271,930	0.001161	0.207	0.191					
cg24375215	17	72,462,559	2.51E-08	0.207	0.186				<i>CD300A</i>	5'UTR
cg00568910	1	43,429,380	1.16E-08	0.207	0.201					
cg01236063	11	16,632,088	3.67E-07	0.207	0.192					
cg18526607	5	54,519,307	5.09E-05	0.207	0.190					
cg00039326	1	36,615,845	4.11E-17	0.207	0.202				<i>TRAPPC3</i>	TSS1500
cg08178072	2	45,164,495	1.33E-06	0.207	0.205					
cg08182171	11	130,291,156	2.5E-09	0.207	0.179				<i>ADAMTS8</i>	Body
cg13883479	9	574,312	7.15E-15	0.207	0.197				<i>KANK1</i>	5'UTR
cg23007325	8	10,924,633	9.57E-08	0.207	0.195				<i>XKR6</i>	Body



cg26868345	3	127,912,642	7.54E-15	0.207	0.199				<i>EEFSEC</i>	Body
cg09973986	12	58,135,973	0.008862	0.207	0.258				<i>AGAP2</i>	TSS200
cg20282303	1	236,924,392	9.81E-11	0.207	0.216				<i>ACTN2</i>	Body
cg18852692	11	58,830,191	4.29E-08	0.207	0.200					
cg23330450	6	31,548,285	1.96E-06	0.207	0.196					
cg25036527	22	36,123,779	8.4E-05	0.207	0.225				<i>APOL5</i>	Body
cg07606495	19	13,993,318	3.86E-11	0.207	0.196				<i>C19orf57</i>	3'UTR
cg13492337	8	52,722,140	2.33E-09	0.207	0.192				<i>PXDNL</i>	TSS200
cg05674437	3	196,694,153	2.02E-12	0.207	0.179				<i>PIGZ</i>	5'UTR
cg16787652	6	29,759,955	0.011726	0.207	0.254				<i>HCG4</i>	Body
cg00407245	19	55,598,874	6.88E-05	0.207	0.192				<i>EPS8L1</i>	Body
cg00603097	18	72,125,359	0.002257	0.207	0.180				<i>FAM69C</i>	TSS1500
cg03877174	17	4,923,126	2.69E-08	0.207	0.206				<i>KIF1C</i>	Body
cg09229893	14	54,423,811	0.002047	0.207	0.136				<i>BMP4</i>	TSS1500
cg25679766	6	28,558,113	2.91E-06	0.207	0.206					
cg11935147	1	145,075,831	5.78E-06	0.207	0.151				<i>PDE4DIP</i>	1stExon
cg08477574	19	2,219,369	2.91E-08	0.207	0.188				<i>DOT1L</i>	Body
cg13445230	9	89,422,493	5.87E-07	0.207	0.197					
cg01758314	17	6,797,034	0.00011	0.207	0.219				<i>ALOX12P2</i>	Body
cg25016544	5	72,511,412	0.019065	0.207	0.146					
cg02013527	5	88,426,579	0.00128	0.207	0.140					
cg11715858	7	1,267,228	0.001786	0.207	0.228					
cg21547371	3	52,869,521	6.12E-09	0.207	0.216				<i>MUSTN1</i>	TSS1500
cg24706115	12	110,252,831	1.99E-05	0.207	0.188				<i>TRPV4</i>	5'UTR
cg20732198	10	35,894,310	5.11E-05	0.207	0.211				<i>GJD4</i>	TSS200
cg24335310	4	85,284,492	0.001642	0.207	0.208					
cg05155319	4	109,355,164	0.009374	0.207	0.152					
cg07405021	5	115,152,019	0.007929	0.207	0.097				<i>CDO1</i>	1stExon
cg17701159	8	18,705,777	6.6E-11	0.207	0.191				<i>PSD3</i>	Body
cg21037008	6	32,119,939	0.012025	0.207	0.216				<i>PRRT1</i>	TSS1500
cg23340218	3	23,653,462	5.83E-08	0.207	0.226					
cg23558002	13	28,553,501	0.047323	0.207	0.265				<i>PRHOXNB</i>	Body
cg23893332	14	94,576,048	0.010313	0.207	0.237				<i>IFI27</i>	TSS1500
cg11299854	5	132,083,184	0.000878	0.207	0.192				<i>CCNI2</i>	1stExon

cg01217071	2	201,450,323	0.01038	0.207	0.188				<i>AOX1</i>	TSS1500
cg00920572	12	54,349,349	0.00244	0.207	0.234				<i>HOXC12</i>	Body
cg19988181	10	73,478,985	9.33E-21	0.207	0.209				<i>C10orf105</i>	5'UTR
cg24399122	6	70,992,907	0.001383	0.207	0.218				<i>COL9A1</i>	Body
cg24834436	1	54,941,132	8.88E-07	0.207	0.184					
cg25526039	6	107,813,291	0.002004	0.207	0.107				<i>SOBP</i>	Body
cg05160181	1	151,694,281	0.005347	0.207	0.219				<i>C1orf230</i>	Body
cg02287693	22	46,276,479	7.92E-07	0.207	0.193					
cg02642565	16	4,579,402	3.09E-12	0.207	0.202				<i>C16orf5</i>	5'UTR
cg07052737	2	26,224,428	5.68E-12	0.207	0.211					
cg04071779	7	30,517,627	0.039206	0.207	0.104				<i>NOD1</i>	5'UTR
cg25478114	6	19,328,477	7.85E-12	0.207	0.171					
cg03427330	13	111,465,028	0.000176	0.207	0.160					
cg21773142	7	54,612,709	0.037545	0.207	0.181				<i>VSTM2A</i>	Body
cg04430911	1	36,914,349	1.22E-06	0.207	0.197				<i>OSCP1</i>	Body
cg06779248	7	95,458,266	3.55E-05	0.207	0.185				<i>DYNC111</i>	Body
cg11148581	12	123,998,115	5.31E-11	0.207	0.193				<i>RILPL1</i>	Body
cg17545182	1	247,694,041	0.000888	0.207	0.197				<i>LOC148824</i>	Body
cg20964304	11	125,040,416	1.01E-07	0.207	0.182				<i>PKNOX2</i>	5'UTR
cg22281697	7	96,642,037	0.029428	0.207	0.308				<i>DLX6AS</i>	Body
cg04902302	2	175,594,739	0.003844	0.207	0.163					
cg14041855	8	1,068,250	0.000934	0.207	0.226					
cg24027477	8	53,883,763	5.64E-14	0.207	0.204					
cg27172287	22	46,974,976	0.004574	0.207	0.177					
cg09644157	12	124,896,212	1.21E-09	0.207	0.187				<i>NCOR2</i>	Body
cg00937742	2	133,429,299	4.26E-05	0.207	0.218				<i>LYPD1</i>	TSS1500
cg01641620	22	50,609,803	0.007762	0.207	0.088				<i>PANX2</i>	Body
cg02047051	3	12,792,283	0.000496	0.207	0.161				<i>TMEM40</i>	5'UTR
cg02193611	10	23,982,779	0.038251	0.207	0.253				<i>KIAA1217</i>	TSS1500
cg02922776	1	212,420,632	2.49E-07	0.207	0.222					
cg04404694	14	37,236,997	0.047331	0.207	0.147				<i>SLC25A21</i>	Body
cg08890067	17	77,478,927	0.005576	0.207	0.214				<i>HRNBP3</i>	TSS1500
cg13465852	17	27,942,115	0.00206	0.207	0.194				<i>CORO6</i>	3'UTR
cg23252784	X	44,203,803	5.28E-07	0.207	0.184				<i>EFHC2</i>	TSS1500

cg09025393	1	18,438,784	0.000971	0.207	0.165				<i>IGSF21</i>	Body
cg04169243	14	76,200,552	1.94E-19	0.207	0.205				<i>TLL5</i>	Body
cg08453458	4	187,491,428	0.030822	0.207	0.114					
cg08576476	16	84,231,032	8.28E-06	0.207	0.184					
cg10606029	5	37,952,598	8.36E-07	0.207	0.210					
cg11967111	4	24,105,842	0.002925	0.207	0.214					
cg18767735	1	54,200,420	0.001994	0.207	0.190				<i>GLIS1</i>	TSS1500
cg24132991	4	186,560,360	5.86E-06	0.207	0.178				<i>SORBS2</i>	Body
cg24406619	1	53,611,984	1.43E-09	0.207	0.177					
cg24710480	6	29,717,136	0.036762	0.207	0.171				<i>LOC285830</i>	TSS1500
cg27074174	6	101,847,318	3.46E-05	0.207	0.192				<i>GRIK2</i>	Body
cg03651478	1	159,893,671	0.01792	0.207	0.221				<i>TAGLN2</i>	5'UTR
cg00851389	16	56,669,681	6.41E-07	0.207	0.190					
cg01838004	9	100,070,007	0.003494	0.207	0.185				<i>KIAA1529</i>	Body
cg27256309	19	49,220,485	8.56E-08	0.207	0.172	5.66E-18	0.158		<i>MAMSTR</i>	TSS1500
cg07207367	16	67,978,216	1.98E-09	0.207	0.185				<i>SLC12A4</i>	3'UTR
cg14312114	17	80,571,580	0.000337	0.207	0.186					
cg01007828	16	62,070,306	0.008253	0.207	0.117				<i>CDH8</i>	TSS1500
cg08151370	3	43,073,152	6.2E-14	0.207	0.209				<i>FAM198A</i>	Body
cg04522045	2	172,958,324	0.001311	0.207	0.204					
cg25210835	1	110,254,828	3.32E-06	0.207	0.207				<i>GSTM5</i>	TSS200
cg25378181	17	79,391,490	3.54E-07	0.207	0.210				<i>BAHCC1</i>	Body
cg26839356	15	99,603,018	7.59E-08	0.207	0.158					
cg05256204	20	281,440	5.31E-08	0.207	0.176					
cg08996805	3	11,010,256	2.77E-06	0.207	0.216					
cg10521706	2	19,556,586	3.4E-06	0.207	0.201			Yes	<i>OSR1</i>	5'UTR
cg12627726	1	41,290,409	3.08E-11	0.207	0.197				<i>KCNQ4</i>	Body
cg13891181	4	41,869,086	0.01585	0.207	0.225					
cg14893857	14	102,554,969	2.74E-06	0.207	0.197				<i>HSP90AA1</i>	TSS1500
cg22233890	11	36,477,229	9.66E-12	0.207	0.205				<i>PRR5L</i>	Body
cg02897366	1	201,425,990	1.9E-06	0.207	0.198					
cg05325182	19	13,915,751	3.81E-20	0.207	0.195				<i>ZSWIM4</i>	Body
cg18435832	15	45,671,155	4E-05	0.207	0.192				<i>LOC145663</i>	Body
cg23672278	1	36,787,678	9.82E-11	0.207	0.202				<i>FAM176B</i>	3'UTR

cg00179196	16	117,934	7.24E-61	0.207	0.218				<i>RHBDF1</i>	5'UTR
cg08335662	14	19,614,556	2.52E-09	0.207	0.166					
cg16714755	1	149,719,243	0.001024	0.207	0.193					
cg24064055	8	145,104,176	0.005608	0.207	0.181					
cg24420717	17	42,426,506	2.03E-10	0.207	0.211				<i>GRN</i>	5'UTR
cg27111150	10	97,183,248	4.58E-16	0.207	0.209				<i>SORBS1</i>	Body
cg01527777	11	71,956,145	5.91E-06	0.207	0.182				<i>PHOX2A</i>	TSS1500
cg01974478	7	4,779,312	3.93E-16	0.207	0.203				<i>FOXK1</i>	Body
cg11800620	1	217,311,993	4.53E-06	0.207	0.190				<i>ESRRG</i>	TSS1500
cg14646893	6	143,592,425	3.24E-10	0.207	0.237				<i>AIG1</i>	Body
cg17097923	17	6,679,541	0.004636	0.207	0.150				<i>FBXO39</i>	TSS200
cg18593374	10	126,302,546	1.38E-07	0.207	0.176				<i>LHPP</i>	3'UTR
cg24354624	19	40,732,728	0.004526	0.207	0.111				<i>CNTD2</i>	TSS200
cg24701772	1	51,888,961	1.13E-13	0.207	0.211				<i>EPS15</i>	TSS1500
cg27252766	2	42,229,092	5.23E-08	0.207	0.179					
cg04606076	13	80,934,105	0.00757	0.207	0.232					
cg13704086	2	45,177,125	0.013501	0.207	0.129					
cg25335190	6	27,791,899	0.002284	0.207	0.168				<i>HIST1H4J</i>	TSS200
cg00366103	7	96,645,019	0.002012	0.207	0.088					
cg01148781	8	99,963,021	3.43E-08	0.207	0.200				<i>OSR2</i>	Body
cg11368643	5	140,625,059	0.026436	0.207	0.235	2.14E-21	0.243		<i>PCDHB15</i>	TSS200
cg04907257	5	7,395,318	2.22E-08	0.207	0.198	2.76E-09	0.094		<i>ADCY2</i>	TSS1500
cg22108360	8	124,704,218	2.56E-08	0.207	0.196				<i>ANXA13</i>	Body
cg01080902	19	44,039,870	5.51E-05	0.207	0.187				<i>ZNF575</i>	3'UTR
cg01176947	6	10,385,279	6.18E-05	0.207	0.186					
cg04011461	16	89,638,389	2.07E-11	0.207	0.169					
cg13010373	6	86,113,013	1.37E-05	0.207	0.170					
cg24368383	1	1,565,856	8.18E-05	0.207	0.216				<i>MIB2</i>	Body
cg21433231	17	34,820,712	0.030778	0.207	0.251					
cg09565310	5	112,541,553	0.029872	0.207	0.245				<i>MCC</i>	Body
cg19358493	10	119,300,942	0.000558	0.207	0.170	6.71E-20	0.204		<i>EMX2</i>	TSS1500
cg08613577	17	20,687,698	0.000299	0.207	0.189					
cg10333402	7	100,845,647	0.002693	0.207	0.141				<i>MOGAT3</i>	TSS1500
cg16047117	22	42,470,063	0.000331	0.207	0.187				<i>FAM109B</i>	TSS200

cg19293162	19	2,513,302	4.02E-12	0.206	0.187				<i>GNG7</i>	3'UTR
cg26360616	4	128,544,667	0.010447	0.206	0.178					
cg26915924	16	8,807,043	7.35E-13	0.206	0.208				<i>ABAT</i>	5'UTR
cg12877723	8	57,358,312	1.04E-05	0.206	0.195				<i>PENK</i>	Body
cg03889542	3	44,039,578	0.007895	0.206	0.185					
cg16818395	3	128,274,084	4.7E-05	0.206	0.203					
cg14186963	1	113,051,777	0.00287	0.206	0.199				<i>WNT2B</i>	Body
cg03398156	2	220,154,779	9.18E-15	0.206	0.202				<i>PTPRN</i>	3'UTR
cg14681511	5	140,805,681	0.003157	0.206	0.239				<i>PCDHGA4</i>	Body
cg22229828	1	245,874,647	6.32E-11	0.206	0.192					
cg06342072	13	50,985,639	6.95E-10	0.206	0.196					
cg08899442	5	157,398,818	0.004726	0.206	0.232					
cg10574006	5	123,965,051	8.68E-06	0.206	0.186					
cg14967066	11	314,341	0.008785	0.206	0.075				<i>IFITM1</i>	1stExon
cg17176016	6	108,441,207	7.01E-05	0.206	0.197					
cg19956155	5	176,511,416	0.005384	0.206	0.175					
cg23482132	2	153,415,027	1.26E-08	0.206	0.187				<i>FMNL2</i>	Body
cg02166842	7	55,179,471	1.75E-12	0.206	0.187				<i>EGFR</i>	Body
cg26211349	17	77,404,555	4E-05	0.206	0.167				<i>HRNBP3</i>	5'UTR
cg27353308	10	133,796,559	0.002355	0.206	0.187				<i>BNIP3</i>	TSS1500
cg27443071	4	190,939,090	0.022381	0.206	0.275					
cg01530283	7	5,085,252	0.011057	0.206	0.213				<i>RBAK</i>	TSS1500
cg06300254	10	50,822,752	0.019476	0.206	0.215				<i>CHAT</i>	Body
cg18059012	15	44,969,129	0.000346	0.206	0.156				<i>PATL2</i>	TSS200
cg19156231	12	52,115,539	6.5E-06	0.206	0.203				<i>SCN8A</i>	Body
cg23684410	11	116,897,558	1.1E-06	0.206	0.202				<i>SIK3</i>	Body
cg05623526	11	2,548,319	3.08E-07	0.206	0.159				<i>KCNQ1</i>	Body
cg11160572	4	169,706,422	6.86E-17	0.206	0.204				<i>PALLD</i>	Body
cg01563071	3	131,647,680	2.03E-05	0.206	0.192				<i>CPNE4</i>	5'UTR
cg09654247	2	200,524,002	0.001603	0.206	0.212					
cg15448076	12	4,380,872	0.010834	0.206	0.222					
cg16404106	11	86,085,623	1.06E-05	0.206	0.189	3.51E-08	0.115		<i>CCDC81</i>	TSS200
cg19918734	11	86,343,931	5.4E-05	0.206	0.197				<i>ME3</i>	Body
cg20287790	1	53,359,982	9.14E-11	0.206	0.203				<i>ZYG11A</i>	3'UTR

cg00122765	17	29,457,918	1.42E-06	0.206	0.165				<i>NF1</i>	Body
cg02754470	15	59,157,857	2.88E-09	0.206	0.191					
cg03455555	15	85,356,531	2.73E-07	0.206	0.204					
cg07428004	7	127,912,372	6.27E-07	0.206	0.219					
cg20567768	8	22,082,066	6.32E-06	0.206	0.213				<i>PHYHIP</i>	Body
cg00377915	10	70,631,035	4.61E-05	0.206	0.125				<i>STOX1</i>	5'UTR
cg05127924	17	18,647,524	1.29E-09	0.206	0.196	8.1E-12	0.116		<i>FBXW10</i>	5'UTR
cg05622577	10	33,710,900	8.04E-09	0.206	0.191					
cg09510752	5	134,526,173	3.61E-11	0.206	0.207					
cg19764489	11	2,730,616	1.15E-08	0.206	0.159				<i>KCNQ1</i>	Body
cg08810842	8	22,548,546	0.000149	0.206	0.201				<i>EGR3</i>	Body
cg02872373	7	129,418,058	2.3E-06	0.206	0.198					
cg10180297	16	22,827,393	8.06E-10	0.206	0.189				<i>HS3ST2</i>	Body
cg15146515	19	49,250,561	2.3E-05	0.206	0.184				<i>IZUMO1</i>	TSS1500
cg24463290	10	114,922,641	1.34E-08	0.206	0.211				<i>TCF7L2</i>	Body
cg10261191	11	125,364,744	2.25E-05	0.206	0.202	2.48E-15	0.162		<i>FEZ1</i>	5'UTR
cg10513330	2	28,829,939	7.94E-09	0.206	0.216				<i>PLB1</i>	Body
cg12438547	13	100,642,971	6.86E-05	0.206	0.185					
cg18735956	6	34,113,908	0.000612	0.206	0.227					
cg21563049	22	18,386,798	3.03E-08	0.206	0.179			Yes	<i>MICAL3</i>	Body
cg00393837	2	105,470,050	0.012825	0.206	0.205					
cg26077454	14	95,240,500	0.003361	0.206	0.218					
cg02816297	12	56,224,411	0.040566	0.206	0.117				<i>DNAJC14</i>	TSS1500
cg11463505	5	1,841,594	0.000741	0.206	0.135					
cg00049664	16	66,613,334	3.62E-05	0.206	0.195				<i>CMTM2</i>	TSS200
cg02584537	10	131,569,018	2.03E-15	0.206	0.187					
cg05279738	3	141,560,204	0.005139	0.206	0.205					
cg20180247	6	10,884,140	0.001222	0.206	0.220					
cg26648103	11	66,791,718	1.33E-06	0.206	0.182				<i>SYT12</i>	5'UTR
cg14914254	6	29,796,370	0.0002	0.206	0.231				<i>HLA-G</i>	Body
cg20029201	11	118,781,813	0.012148	0.206	0.231	5.75E-19	0.167		<i>BCL9L</i>	TSS1500
cg20248093	17	77,722,496	4.2E-05	0.206	0.204					
cg24713770	1	20,649,959	1.13E-30	0.206	0.197				<i>VWA5B1</i>	Body
cg14644871	7	26,192,756	0.015504	0.206	0.073				<i>NFE2L3</i>	Body

cg19715111	2	224,904,683	0.002145	0.206	0.129				<i>SERPINE2</i>	TSS1500
cg00116092	1	217,313,044	0.000192	0.206	0.190					
cg04768697	19	15,122,135	0.001261	0.206	0.192				<i>CCDC105</i>	1stExon
cg11077681	11	10,715,188	3.62E-05	0.206	0.169				<i>MRVI1</i>	1stExon
cg11828163	7	5,531,009	3.71E-18	0.206	0.201				<i>FBXL18</i>	Body
cg16072884	10	30,317,625	3.06E-08	0.206	0.206				<i>KIAA1462</i>	Body
cg17406359	21	45,773,189	8.76E-06	0.206	0.239				<i>TRPM2</i>	TSS1500
cg01414464	5	113,695,858	1.32E-06	0.206	0.229					
cg01579841	6	166,400,494	0.009584	0.206	0.120				<i>C6orf176</i>	Body
cg04270489	11	85,827,505	0.000178	0.206	0.194					
cg20411935	1	228,653,095	0.009968	0.206	0.291					
cg22462240	17	76,962,663	9.2E-12	0.206	0.199					
cg27504292	12	124,779,532	0.017807	0.206	0.145				<i>FAM101A</i>	5'UTR
cg10036013	7	4,778,839	2.98E-11	0.206	0.210				<i>FOXK1</i>	Body
cg12912690	2	239,197,457	2.27E-06	0.206	0.191				<i>PER2</i>	TSS1500
cg17953300	11	65,418,265	2.59E-05	0.206	0.156				<i>SIPA1</i>	3'UTR
cg01906015	8	63,161,579	0.039458	0.206	0.118				<i>NKAIN3</i>	1stExon
cg13398027	18	46,447,840	8.48E-10	0.206	0.212				<i>SMAD7</i>	Body
cg18864124	2	227,288,863	0.01631	0.206	0.193					
cg20288617	4	22,239,907	0.001242	0.206	0.167			Yes		
cg13366470	15	81,666,512	8.05E-11	0.206	0.202				<i>TMC3</i>	TSS200
cg14157578	9	110,764,967	2.46E-07	0.206	0.205					
cg04064452	2	242,486,462	0.015278	0.206	0.171					
cg00260012	2	31,031,702	9.84E-18	0.206	0.191				<i>CAPN13</i>	TSS1500
cg02269978	6	32,847,585	0.003646	0.206	0.255				<i>PPP1R2P1</i>	Body
cg14663965	6	108,495,385	5.36E-05	0.206	0.213				<i>NR2E1</i>	Body
cg25556330	7	27,279,575	3.32E-07	0.206	0.200					
cg26128383	6	31,239,158	0.011868	0.206	0.183				<i>HLA-C</i>	Body
cg15786205	6	108,495,578	7.44E-05	0.206	0.207				<i>NR2E1</i>	Body
cg20536364	5	55,790,102	2.1E-10	0.206	0.185					
cg02194717	11	70,415,188	8.27E-08	0.206	0.172				<i>SHANK2</i>	Body
cg22700686	1	153,538,764	7.02E-07	0.206	0.201				<i>S100A2</i>	TSS1500
cg06339657	5	76,505,932	0.006854	0.206	0.120	7.1E-13	0.174		<i>PDE8B</i>	TSS1500
cg08454563	22	31,040,187	5.3E-06	0.206	0.204				<i>SLC35E4</i>	Body

cg08794544	11	45,825,518	0.000478	0.206	0.137				<i>SLC35C1</i>	TSS200
cg10148591	19	7,197,021	0.000174	0.206	0.231				<i>INSR</i>	Body
cg01621716	2	11,636,147	1.01E-05	0.206	0.179					
cg03111114	5	149,886,185	3.16E-09	0.206	0.190				<i>NDST1</i>	TSS1500
cg07337793	2	43,038,584	0.016873	0.206	0.117					
cg03173722	4	71,587,640	3.71E-05	0.206	0.217	0.0000256	0.102		<i>RUFY3</i>	Body
cg03401297	19	41,025,959	9.74E-06	0.206	0.160				<i>SPTBN4</i>	Body
cg07835443	16	89,734,986	7.48E-06	0.206	0.158				<i>C16orf55</i>	Body
cg01701634	19	51,876,119	5.58E-06	0.206	0.189				<i>NKG7</i>	TSS200
cg26282505	15	90,171,693	1.91E-12	0.206	0.209				<i>KIF7</i>	Body
cg00351781	17	17,709,007	1.64E-08	0.206	0.190				<i>RAI1</i>	Body
cg00734629	7	128,471,146	2.11E-07	0.206	0.191				<i>FLNC</i>	Body
cg04010586	1	36,788,436	2.19E-05	0.206	0.221				<i>FAM176B</i>	Body
cg07606234	14	24,551,147	0.004894	0.206	0.091				<i>NRL</i>	Body
cg09403249	12	45,444,203	4.41E-05	0.206	0.188				<i>DBX2</i>	Body
cg23418510	10	25,240,660	0.000951	0.206	0.215				<i>PRTFDC1</i>	Body
cg03117611	12	125,223,679	3.92E-10	0.206	0.185					
cg06637618	1	203,595,048	5.25E-06	0.206	0.170				<i>ATP2B4</i>	TSS1500
cg10065736	12	117,440,120	2.04E-13	0.206	0.175				<i>FBXW8</i>	Body
cg19260084	12	103,349,055	0.004395	0.206	0.188					
cg27109912	17	38,707,719	0.021028	0.206	0.242					
cg10942097	2	176,947,435	0.00561	0.206	0.209				<i>EVX2</i>	Body
cg11380483	2	127,933,992	0.003324	0.206	0.195					
cg13304825	17	79,297,548	0.000373	0.206	0.219				<i>TMEM105</i>	5'UTR
cg15270350	17	76,215,886	9.36E-07	0.206	0.167				<i>BIRC5</i>	Body
cg26577252	15	99,212,332	0.01784	0.206	0.213				<i>IGF1R</i>	Body
cg06126335	7	73,497,616	1.9E-06	0.206	0.195				<i>LIMK1</i>	TSS1500
cg07105272	3	186,490,785	1.11E-05	0.206	0.207					
cg09294347	2	1,286,397	0.000163	0.206	0.130				<i>SNTG2</i>	Body
cg16158779	11	113,258,455	0.01859	0.206	0.141				<i>ANKK1</i>	TSS200
cg23208513	8	101,118,377	0.004346	0.206	0.225				<i>RGS22</i>	TSS200
cg24399395	21	34,392,203	0.040657	0.206	0.176					
cg00194126	2	157,186,312	0.000556	0.206	0.193				<i>NR4A2</i>	Body
cg00139681	7	106,125,168	6.1E-05	0.206	0.213					



cg07548372	14	24,848,202	3.72E-05	0.206	0.200			Yes	<i>NFATC4</i>	3'UTR
cg22306749	X	101,967,085	0.037937	0.206	0.177				<i>GPRASP2</i>	TSS1500
cg23045073	1	179,545,458	0.00022	0.206	0.146				<i>NPHS2</i>	TSS1500
cg00151271	4	7,872,993	3.5E-07	0.206	0.171				<i>AFAP1</i>	Body
cg08153621	19	53,561,441	1.9E-05	0.206	0.197					
cg10443421	16	56,644,991	1.25E-07	0.206	0.211					
cg13858742	1	204,621,504	7.58E-09	0.206	0.184				<i>LRRN2</i>	5'UTR
cg25851789	1	217,309,794	8.01E-07	0.206	0.211				<i>ESRRG</i>	5'UTR
cg00745835	10	80,778,842	1.15E-10	0.206	0.193				<i>LOC283050</i>	Body
cg06027057	14	90,849,959	0.00353	0.206	0.173					
cg08439439	6	149,190,883	2.45E-12	0.206	0.212				<i>UST</i>	Body
cg08755224	20	21,001,116	2.47E-09	0.206	0.205					
cg16444607	2	173,061,858	0.000968	0.206	0.173			Yes		
cg09511126	10	100,993,597	0.001291	0.206	0.209				<i>HPSE2</i>	Body
cg12559119	17	63,590,575	1.01E-07	0.206	0.196					
cg22886323	15	100,782,544	3.54E-12	0.206	0.210				<i>ADAMTS17</i>	Body
cg26127114	11	12,419,483	1.97E-08	0.206	0.193				<i>PARVA</i>	Body
cg12041266	11	75,050,147	8.3E-15	0.206	0.205			Yes	<i>ARRB1</i>	Body
cg04109661	X	133,680,249	3.27E-09	0.206	0.188				<i>MGC16121</i>	Body
cg23877720	7	49,815,117	0.00024	0.206	0.302				<i>VWC2</i>	Body
cg25196088	1	7,703,835	1.29E-08	0.206	0.194				<i>CAMTA1</i>	Body
cg16603596	12	8,855,125	5.54E-08	0.206	0.209				<i>RIMKLB</i>	5'UTR
cg07005055	1	113,052,167	0.004793	0.206	0.225				<i>WNT2B</i>	Body
cg13085980	12	94,544,425	0.006043	0.206	0.247				<i>PLXNC1</i>	Body
cg00831931	10	114,823,094	1.76E-20	0.206	0.186				<i>TCF7L2</i>	Body
cg02912316	1	32,527,924	8.35E-15	0.206	0.202					
cg05124918	12	52,473,462	3.16E-13	0.206	0.185					
cg22341104	1	92,952,261	0.031398	0.206	0.143	8.7E-20	0.162		<i>GFI1</i>	TSS1500
cg24126768	17	53,645,286	0.006946	0.206	0.196					
cg25563256	17	7,341,641	0.016631	0.206	0.217				<i>FGF11</i>	TSS1500
cg08309529	7	156,797,833	0.027864	0.206	0.203				<i>MXN1</i>	3'UTR
cg09193791	11	117,740,722	0.001048	0.206	0.183				<i>FXND6</i>	5'UTR
cg16626322	17	78,439,556	1.08E-05	0.206	0.170					
cg18745629	3	57,163,527	5.22E-14	0.206	0.196				<i>IL17RD</i>	Body

cg14245228	9	135,619,345	4.91E-10	0.206	0.191				<i>C9orf98</i>	Body
cg16742873	4	13,544,632	2.98E-10	0.206	0.187				<i>NKX3-2</i>	Body
cg22728904	7	100,433,983	0.03651	0.206	0.151					
cg24371574	1	230,428,167	9.06E-12	0.206	0.202					
cg25320816	13	114,099,871	7.53E-08	0.206	0.194				<i>ADPRHL1</i>	5'UTR
cg25353281	2	219,155,378	0.007689	0.206	0.269				<i>PNKD</i>	Body
cg01795122	19	48,828,859	0.017948	0.206	0.184	5.72E-15	0.141		<i>EMP3</i>	1stExon
cg00816770	4	144,621,089	0.000163	0.206	0.183				<i>FREM3</i>	1stExon
cg13917662	13	100,548,513	9.64E-07	0.206	0.186				<i>CLYBL</i>	3'UTR
cg21443659	2	217,745,721	8.08E-07	0.206	0.190					
cg03564201	3	42,948,169	2.36E-06	0.206	0.179				<i>ZNF662</i>	5'UTR
cg05951817	17	28,562,142	5.67E-06	0.206	0.206				<i>SLC6A4</i>	5'UTR
cg13654588	10	120,354,081	0.013848	0.206	0.126				<i>PRLHR</i>	Body
cg14425869	9	98,343,728	6.4E-10	0.206	0.208					
cg21279316	15	64,915,229	3.97E-05	0.206	0.175				<i>ZNF609</i>	Body
cg15523463	5	150,804,815	1.06E-14	0.206	0.198					
cg23678594	1	1,712,021	1.48E-06	0.206	0.204					
cg00111335	8	593,194	6.78E-13	0.206	0.168					
cg12747860	6	3,229,027	0.007554	0.206	0.279				<i>TUBB2B</i>	TSS1500
cg14468280	20	47,862,976	2.14E-11	0.206	0.220				<i>ZNFX1</i>	3'UTR
cg16077226	11	62,156,701	8.64E-13	0.206	0.188				<i>ASRGL1</i>	Body
cg17338816	7	2,607,424	0.00014	0.206	0.146				<i>IQCE</i>	Body
cg01032119	5	10,857,295	0.025881	0.206	0.174					
cg05324789	10	134,602,475	0.000842	0.206	0.142					
cg06159269	1	8,767,347	0.004339	0.206	0.199				<i>RERE</i>	5'UTR
cg07770854	19	4,607,057	0.016173	0.206	0.151					
cg10552473	2	206,525,681	2.27E-07	0.206	0.217					
cg18601426	7	158,381,220	2.63E-05	0.206	0.193	2.9E-22	0.139		<i>PTPRN2</i>	TSS1500
cg04656222	17	7,690,529	3.76E-05	0.206	0.221				<i>DNAH2</i>	Body
cg08328750	17	39,675,355	0.003874	0.206	0.139				<i>KRT15</i>	TSS200
cg13071508	1	24,373,210	0.000129	0.206	0.204					
cg19803052	7	19,813,244	0.002579	0.206	0.154				<i>TMEM196</i>	TSS1500
cg21210090	4	15,704,429	0.010308	0.206	0.198				<i>BST1</i>	TSS200
cg21893358	11	120,434,880	0.025389	0.206	0.150					

cg22354782	1	115,881,132	0.000305	0.206	0.168				<i>NGF</i>	TSS1500
cg00157572	14	60,977,961	0.023144	0.206	0.183				<i>SIX6</i>	Body
cg02211449	10	110,671,609	0.018336	0.206	0.257					
cg06629734	6	39,017,116	2.28E-05	0.206	0.211				<i>GLP1R</i>	Body
cg12854186	6	32,805,398	3.49E-09	0.206	0.166				<i>TAP2</i>	Body
cg17111846	1	51,567,810	3.35E-08	0.206	0.203				<i>C1orf185</i>	TSS200
cg20253872	1	110,166,571	2.54E-09	0.206	0.193				<i>AMPD2</i>	Body
cg21923770	17	1,183,159	1.67E-05	0.206	0.254				<i>TUSC5</i>	1stExon
cg22854985	2	174,082,101	9.35E-05	0.206	0.146				<i>ZAK</i>	Body
cg05349542	10	88,127,572	0.000923	0.206	0.172				<i>GRID1</i>	TSS1500
cg11329482	12	91,493,337	2.05E-05	0.206	0.206					
cg13053653	2	177,037,631	0.000588	0.206	0.174				<i>HOXD3</i>	3'UTR
cg13906792	15	75,199,810	7.51E-07	0.206	0.188				<i>C15orf17</i>	TSS1500
cg14063488	4	154,709,878	0.042869	0.206	0.288				<i>SFRP2</i>	1stExon
cg17198308	12	6,665,108	0.000363	0.206	0.193				<i>IFFO1</i>	1stExon
cg03316237	19	45,738,857	0.019302	0.206	0.144				<i>EXOC3L2</i>	TSS1500
cg04153489	8	41,655,983	2.22E-05	0.206	0.160				<i>ANK1</i>	TSS1500
cg05106770	4	128,545,193	0.001158	0.206	0.216					
cg17261676	6	26,016,808	1.35E-07	0.206	0.227					
cg17786894	2	65,131,556	4.88E-08	0.206	0.205					
cg02275784	11	85,242,554	0.000107	0.206	0.151				<i>DLG2</i>	Body
cg03337093	9	135,463,171	3.8E-05	0.206	0.217				<i>BARHL1</i>	Body
cg16886175	7	114,562,063	0.011282	0.206	0.163				<i>MDFIC</i>	TSS200
cg24211976	15	60,285,744	0.000333	0.206	0.216					
cg03434029	1	45,274,048	0.00275	0.206	0.255				<i>TCTEX1D4</i>	TSS1500
cg11353647	7	158,243,730	8.16E-11	0.206	0.202				<i>PTPRN2</i>	Body
cg13814747	15	31,373,178	6.74E-06	0.206	0.179				<i>TRPM1</i>	5'UTR
cg20051292	8	101,118,512	0.006133	0.206	0.287				<i>RGS22</i>	TSS200
cg04333575	11	6,340,890	0.000414	0.206	0.232				<i>PRKCDBP</i>	Body
cg15986413	2	233,352,776	2.01E-08	0.206	0.149				<i>ECEL1</i>	TSS1500
cg06615940	1	110,211,023	1.06E-18	0.206	0.198				<i>GSTM2</i>	Body
cg11324538	19	47,778,804	7.09E-14	0.206	0.173				<i>PRR24</i>	3'UTR
cg14934253	6	108,436,768	0.035354	0.206	0.279					
cg24826644	6	30,457,240	2.82E-06	0.206	0.204				<i>HLA-E</i>	TSS200

cg03607638	3	193,788,482	0.013971	0.206	0.118						
cg04961101	20	37,303,484	0.004322	0.206	0.167						
cg06335918	11	62,610,003	0.002453	0.206	0.184						
cg14838970	11	7,533,817	1.73E-05	0.206	0.151					<i>PPFIBP2</i>	TSS1500
cg02809707	2	175,191,069	0.016718	0.206	0.219						
cg19842809	14	37,125,997	0.000825	0.206	0.220					<i>PAX9</i>	TSS1500
cg20372666	10	71,149,910	3.53E-07	0.206	0.192					<i>HK1</i>	Body
cg21644489	15	63,312,170	3.17E-08	0.206	0.192						
cg06706550	22	45,125,480	8.62E-08	0.206	0.208					<i>PRR5</i>	Body
cg18939596	14	95,330,880	1.44E-05	0.206	0.201						
cg05053440	1	227,748,442	3.69E-06	0.206	0.195						
cg21116457	18	43,304,007	1.47E-05	0.206	0.235					<i>SLC14A1</i>	TSS200
cg04470072	8	87,082,014	0.001695	0.206	0.221					<i>PSKH2</i>	TSS200
cg14839558	1	1,874,488	2.15E-18	0.206	0.191						
cg15036894	5	16,539,535	1.02E-06	0.206	0.207					<i>FAM134B</i>	Body
cg22537334	15	70,354,691	2.65E-08	0.206	0.190					<i>TLE3</i>	Body
cg23674882	2	74,780,272	1.7E-09	0.206	0.211	5.8887E-05	0.061			<i>LOXL3</i>	5'UTR
cg01613249	2	54,727,293	1.47E-07	0.206	0.220					<i>SPTBN1</i>	5'UTR
cg05630111	1	150,948,030	2.36E-07	0.206	0.199					<i>LASS2</i>	TSS1500
cg18827332	12	103,344,506	0.001932	0.206	0.229						
cg03852144	5	95,159,639	0.001919	0.206	0.175	0.0000967	0.066			<i>GLRX</i>	TSS1500
cg07277549	7	30,509,141	0.002517	0.206	0.234					<i>NOD1</i>	5'UTR
cg02917321	22	38,215,204	0.036348	0.205	0.092						
cg14822490	10	124,909,889	2.34E-05	0.205	0.181					<i>HMX2</i>	3'UTR
cg15564098	7	27,281,346	1.37E-14	0.205	0.197					<i>EVX1</i>	TSS1500
cg15612257	2	65,085,598	1.11E-16	0.205	0.202						
cg17102205	2	208,091,961	4.12E-10	0.205	0.180						
cg26606589	7	64,403,082	1.39E-06	0.205	0.143						
cg08939394	1	17,614,144	1.16E-08	0.205	0.192						
cg24621972	2	223,160,175	0.000605	0.205	0.207					<i>PAX3</i>	Body
cg21184369	8	38,831,148	0.040912	0.205	0.100					<i>HTRA4</i>	TSS1500
cg22863744	12	124,942,176	5.05E-05	0.205	0.195			Yes		<i>NCOR2</i>	Body
cg17551891	7	1,960,795	8.25E-15	0.205	0.181					<i>MAD1L1</i>	Body
cg19096825	13	112,711,941	0.010365	0.205	0.239						

cg21244086	15	45,479,462	5.36E-17	0.205	0.198				<i>SHF</i>	Body
cg02573472	5	76,940,356	6.86E-08	0.205	0.209					
cg10040116	17	13,332,667	1.78E-07	0.205	0.218					
cg10058920	20	1,974,738	0.012395	0.205	0.190				<i>PDYN</i>	TSS200
cg16799111	8	10,589,359	9.89E-05	0.205	0.187				<i>SOX7</i>	TSS1500
cg01039990	X	136,510,831	0.018997	0.205	0.189					
cg05726661	17	7,348,438	2.12E-23	0.205	0.174				<i>CHRNA1</i>	1stExon
cg09854734	16	66,613,273	2.66E-05	0.205	0.182				<i>CMTM2</i>	TSS200
cg11637968	4	159,732,036	0.002628	0.205	0.150				<i>FNIP2</i>	Body
cg00157359	11	66,233,183	0.000306	0.205	0.219				<i>PELI3</i>	TSS1500
cg00678709	3	14,584,745	6.88E-09	0.205	0.199				<i>GRIP2</i>	TSS1500
cg10690003	7	96,622,311	2.93E-08	0.205	0.199				<i>DLX6AS</i>	Body
cg15392413	12	78,603,664	4.98E-05	0.205	0.191				<i>NAV3</i>	Body
cg21929564	5	42,757,171	5.89E-09	0.205	0.204				<i>CCDC152</i>	5'UTR
cg07466560	7	5,712,269	7.42E-14	0.205	0.204				<i>RNF216</i>	Body
cg07944051	15	69,068,216	6.59E-10	0.205	0.196					
cg11095383	5	140,174,887	0.000688	0.205	0.194				<i>PCDHA1</i>	Body
cg16064237	12	132,654,984	0.006541	0.205	0.200					
cg17356036	2	240,213,057	0.005423	0.205	0.233				<i>HDAC4</i>	Body
cg21570493	1	16,157,388	1.23E-12	0.205	0.202					
cg03468671	14	39,737,849	4.77E-05	0.205	0.204				<i>CTAGE5</i>	Body
cg03960066	1	150,255,503	0.011257	0.205	0.214				<i>C1orf51</i>	1stExon
cg11005692	4	1,595,294	3.67E-06	0.205	0.160					
cg18202521	1	19,600,702	1.1E-05	0.205	0.184				<i>AKR7L</i>	TSS200
cg18639125	2	11,051,728	0.00041	0.205	0.103				<i>KCNF1</i>	TSS1500
cg22516643	1	107,682,302	0.006448	0.205	0.218				<i>NTNG1</i>	TSS1500
cg07250771	12	70,289,007	1.06E-19	0.205	0.203					
cg10861541	2	210,444,201	2.92E-06	0.205	0.219				<i>MAP2</i>	TSS1500
cg13697735	14	65,172,103	1.82E-06	0.205	0.259				<i>PLEKHG3</i>	5'UTR
cg24162603	3	127,945,858	1.2E-08	0.205	0.225				<i>EEFSEC</i>	Body
cg26277026	12	22,486,029	4.17E-05	0.205	0.183				<i>ST8SIA1</i>	Body
cg27037937	15	93,876,630	4.58E-05	0.205	0.221					
cg20245757	17	46,663,759	0.045256	0.205	0.234					
cg10189962	2	175,192,878	5.34E-08	0.205	0.221					

cg13528854	4	15,704,795	0.008001	0.205	0.221				<i>BST1</i>	1stExon
cg16530881	17	38,708,399	1.05E-10	0.205	0.180					
cg22531018	7	142,981,779	2.07E-07	0.205	0.141				<i>TMEM139</i>	TSS1500
cg26094599	2	219,748,780	0.006709	0.205	0.168				<i>WNT10A</i>	Body
cg02710534	5	141,225,619	7.79E-09	0.205	0.213					
cg07044282	1	178,840,137	5.64E-10	0.205	0.208				<i>ANGPTL1</i>	1stExon
cg09581226	5	140,857,474	1.31E-08	0.205	0.177				<i>PCDHGA4</i>	Body
cg09884423	12	104,697,220	0.003509	0.205	0.128				<i>TXNRD1</i>	5'UTR
cg15174623	7	35,494,345	6.46E-07	0.205	0.197					
cg26503653	5	169,064,024	0.009739	0.205	0.215				<i>DOCK2</i>	TSS1500
cg26672959	3	65,387,308	1.97E-08	0.205	0.196				<i>MAGI1</i>	Body
cg14375111	3	14,165,186	2.01E-08	0.205	0.164				<i>TMEM43</i>	TSS1500
cg23745864	18	77,806,288	8.11E-22	0.205	0.202				<i>C18orf22</i>	3'UTR
cg01891252	1	50,881,219	0.00063	0.205	0.194					
cg02049629	6	28,662,065	0.003864	0.205	0.231					
cg22653915	8	52,722,023	2.83E-08	0.205	0.172				<i>PXDNL</i>	TSS200
cg24074477	22	17,956,455	1.47E-10	0.205	0.189				<i>CECR2</i>	TSS200
cg27034935	5	153,873,021	0.007659	0.205	0.148					
cg09643186	14	65,409,452	1.86E-05	0.205	0.185	4.89E-28	0.226		<i>GPX2</i>	1stExon
cg18774195	3	170,303,830	0.006193	0.205	0.226				<i>SLC7A14</i>	5'UTR
cg01523763	X	129,068,084	0.000294	0.205	0.258					
cg08119553	15	93,616,966	3.36E-05	0.205	0.168				<i>RGMA</i>	1stExon
cg19258062	7	152,133,423	0.013849	0.205	0.254				<i>FABP5L3</i>	TSS1500
cg01505870	2	85,107,190	0.001708	0.205	0.229				<i>C2orf89</i>	Body
cg04865290	3	52,927,548	8.28E-09	0.205	0.199				<i>TMEM110</i>	Body
cg07048519	17	15,522,876	4.97E-10	0.205	0.211				<i>CDRT1</i>	1stExon
cg08557649	15	76,639,713	0.012574	0.205	0.176					
cg15409133	12	132,900,072	0.012876	0.205	0.248				<i>GALNT9</i>	Body
cg24348495	20	62,693,971	1.87E-12	0.205	0.204				<i>TCEA2</i>	TSS200
cg10782668	13	28,496,082	0.00724	0.205	0.243				<i>PDX1</i>	Body
cg18817990	4	13,543,119	8.33E-06	0.205	0.191				<i>NKX3-2</i>	3'UTR
cg16430166	1	232,941,468	0.017969	0.205	0.178				<i>KIAA1383</i>	1stExon
cg24146331	10	102,590,225	0.00128	0.205	0.224					
cg00317020	10	60,933,578	1.24E-05	0.205	0.150					

cg03901660	1	221,050,459	8.76E-09	0.205	0.198					
cg07787634	1	241,715,378	2.15E-11	0.205	0.182				<i>KMO</i>	Body
cg18124852	17	43,506,540	3.92E-10	0.205	0.180					
cg21886425	14	29,228,476	0.02578	0.205	0.291					
cg22461324	7	155,252,944	0.031334	0.205	0.276				<i>EN2</i>	Body
cg09582200	11	117,748,236	2.83E-05	0.205	0.179				<i>FXVD6</i>	TSS1500
cg20954179	4	175,138,488	0.002775	0.205	0.237					
cg24090911	5	400,732	1.91E-10	0.205	0.225				<i>AHRR</i>	Body
cg02959637	11	64,513,289	0.020198	0.205	0.129				<i>RASGRP2</i>	TSS1500
cg08087268	14	93,406,082	1.08E-06	0.205	0.199				<i>ITPK1</i>	3'UTR
cg02772106	X	152,992,265	0.02288	0.205	0.244				<i>ABCD1</i>	Body
cg01923252	6	108,436,849	0.01113	0.205	0.302					
cg02768162	12	108,992,148	9.62E-05	0.205	0.248				<i>TMEM119</i>	TSS1500
cg11572548	1	22,401,641	0.00192	0.205	0.197				<i>CDC42</i>	5'UTR
cg10950111	1	228,337,379	1.28E-07	0.205	0.229				<i>GJC2</i>	TSS200
cg18989909	2	121,344,551	9.12E-09	0.205	0.211					
cg21522159	4	7,252,415	0.019004	0.205	0.178				<i>SORCS2</i>	Body
cg23402305	2	178,178,939	2.44E-05	0.205	0.214				<i>LOC100130691</i>	Body
cg15202102	11	6,341,867	0.024791	0.205	0.254				<i>PRKCDBP</i>	TSS200
cg09036837	1	25,392,224	2.32E-08	0.205	0.197					
cg12311936	2	144,994,885	3.41E-07	0.205	0.226				<i>GTDC1</i>	5'UTR
cg27606341	5	39,219,632	0.000561	0.205	0.163	8.21E-16	0.132		<i>FYB</i>	1stExon
cg01861825	11	62,693,818	2.59E-05	0.205	0.185					
cg07274253	5	10,330,984	2.59E-08	0.205	0.214					
cg08679971	19	38,281,047	7.3E-08	0.205	0.180					
cg17147317	1	207,669,324	1.44E-05	0.205	0.172				<i>CR1</i>	TSS200
cg18146226	3	187,443,267	0.011047	0.205	0.146			Yes	<i>BCL6</i>	Body
cg02179700	10	3,336,162	3.93E-07	0.205	0.195					
cg16849609	2	119,916,662	0.049741	0.205	0.205				<i>C1QL2</i>	TSS200
cg24296900	12	49,657,537	4.04E-15	0.205	0.213				<i>TUBA1C</i>	TSS1500
cg00983948	6	158,937,485	5.56E-10	0.205	0.199					
cg01270736	16	3,097,736	4.84E-05	0.205	0.206				<i>MMP25</i>	Body
cg01529552	14	95,687,948	1.02E-12	0.205	0.204				<i>CLMN</i>	Body
cg15600488	8	17,271,119	0.016824	0.205	0.198				<i>MTMR7</i>	TSS200

cg17753347	1	197,883,190	4.5E-07	0.205	0.199				<i>LHX9</i>	Body
cg03292040	2	132,286,665	1.01E-08	0.205	0.209				<i>CCDC74A</i>	Body
cg12966875	20	43,883,746	0.004537	0.205	0.170	1.63E-18	0.214		<i>SLPI</i>	TSS1500
cg03562360	2	121,670,282	1.43E-23	0.205	0.185				<i>GLI2</i>	Body
cg04488758	12	95,945,366	1.87E-11	0.205	0.180	5.43E-09	0.075		<i>USP44</i>	TSS200
cg18228116	10	133,995,345	2.55E-07	0.205	0.192				<i>JAKMIP3</i>	3'UTR
cg20661138	8	145,925,314	0.046775	0.205	0.109					
cg26174326	6	26,016,674	1.15E-11	0.205	0.202					
cg27079118	7	128,809,298	0.000501	0.205	0.165					
cg01244006	12	6,485,916	4.21E-05	0.205	0.193				<i>SCNN1A</i>	Body
cg03536657	15	69,099,834	6.3E-12	0.205	0.195				<i>C15orf28</i>	TSS1500
cg04265797	14	38,679,952	5.72E-05	0.205	0.161				<i>SSTR1</i>	3'UTR
cg12444166	4	8,359,458	2.07E-05	0.205	0.207					
cg21204588	15	50,316,779	3.69E-09	0.205	0.197				<i>ATP8B4</i>	Body
cg21565937	2	709,250	2.98E-05	0.205	0.217					
cg01626112	12	76,653,220	2.19E-07	0.205	0.238					
cg10512769	1	211,675,356	1.24E-05	0.205	0.192					
cg10705379	10	99,080,932	0.00035	0.205	0.161				<i>FRAT1</i>	1stExon
cg12799029	17	984,184	2.11E-05	0.205	0.220				<i>ABR</i>	Body
cg18221021	11	84,432,312	0.001178	0.205	0.310				<i>DLG2</i>	Body
cg20948956	2	33,317,174	0.000618	0.205	0.261				<i>LTBP1</i>	Body
cg13969239	6	106,439,962	0.043697	0.205	0.102					
cg18208842	2	287,395	9.55E-06	0.205	0.208				<i>FAM150B</i>	Body
cg09258553	2	241,564,827	0.000412	0.205	0.157					
cg13177747	8	109,095,951	0.006741	0.205	0.193				<i>RSPO2</i>	TSS200
cg10275315	15	83,954,246	3.04E-10	0.205	0.208				<i>BNC1</i>	TSS1500
cg12751521	12	109,711,293	2.06E-12	0.205	0.216					
cg21647257	19	36,523,945	6.81E-05	0.205	0.184				<i>CLIP3</i>	TSS200
cg05526364	3	129,205,070	7.24E-11	0.205	0.204				<i>IFT122</i>	Body
cg12901910	1	35,586,453	1.59E-07	0.205	0.217					
cg24503003	12	110,682,837	9.88E-07	0.205	0.194					
cg04036182	15	45,458,818	1.49E-11	0.205	0.189					
cg10397082	2	1,609,832	1.97E-07	0.205	0.196					
cg14411266	2	40,679,582	0.017719	0.205	0.099				<i>SLC8A1</i>	5'UTR



cg02927252	1	14,926,373	1.79E-06	0.205	0.208				<i>KIAA1026</i>	Body
cg10729196	3	149,797,095	1.99E-09	0.205	0.208					
cg14476852	8	8,506,370	8.41E-07	0.205	0.171					
cg20433906	17	62,076,318	0.000173	0.205	0.226				<i>C17orf72</i>	Body
cg21739754	2	185,462,847	0.001055	0.205	0.086				<i>ZNF804A</i>	TSS1500
cg05686445	7	127,636,396	2.94E-14	0.205	0.207				<i>C7orf54</i>	TSS1500
cg09015246	16	10,971,105	7.17E-06	0.205	0.219				<i>CIITA</i>	1stExon
cg09492451	16	54,967,389	5.26E-05	0.205	0.243				<i>IRX5</i>	Body
cg19889856	7	134,856,654	2.24E-07	0.205	0.218				<i>C7orf49</i>	TSS1500
cg01173432	3	71,622,662	4.87E-08	0.205	0.185				<i>FOXP1</i>	5'UTR
cg02578942	3	174,558,606	2.86E-05	0.205	0.237					
cg25596289	17	10,741,383	2.78E-09	0.205	0.222				<i>PIRT</i>	1stExon
cg13581155	5	135,415,781	0.001531	0.205	0.152					
cg18685455	6	135,796,690	1.21E-05	0.205	0.177				<i>AHI1</i>	Body
cg19402876	3	71,119,415	7.18E-06	0.205	0.176				<i>FOXP1</i>	Body
cg21544633	11	12,494,428	3.16E-08	0.205	0.185				<i>PARVA</i>	Body
cg21859594	12	4,872,801	0.015545	0.205	0.244				<i>GALNT8</i>	Body
cg04105250	2	171,679,114	2.08E-05	0.205	0.222				<i>GAD1</i>	Body
cg09295799	6	5,994,235	0.009777	0.205	0.183					
cg15261665	3	46,506,374	0.001438	0.205	0.166	1.57E-26	0.239		<i>LTF</i>	5'UTR
cg23424125	8	1,494,546	5.15E-05	0.205	0.158				<i>DLGAP2</i>	5'UTR
cg04983903	6	29,974,065	2.83E-09	0.205	0.177				<i>HLA-J</i>	Body
cg19567594	11	10,715,175	3.55E-05	0.205	0.168				<i>MRVI1</i>	1stExon
cg23082635	3	193,991,194	1.82E-07	0.205	0.202					
cg04080517	1	120,905,322	1.49E-06	0.205	0.161				<i>HIST2H2BA</i>	TSS1500
cg20022223	17	80,260,410	1.46E-09	0.205	0.198					
cg24884444	8	49,572,044	3.38E-05	0.205	0.219					
cg00232402	18	77,385,290	2.55E-05	0.205	0.177					
cg00336320	6	36,253,099	0.004205	0.205	0.183				<i>PNPLA1</i>	5'UTR
cg04144521	2	191,276,183	1.14E-12	0.205	0.189				<i>MFSD6</i>	5'UTR
cg06740950	3	171,878,318	7.5E-11	0.205	0.197				<i>FNDC3B</i>	Body
cg08306303	11	119,567,761	3.21E-06	0.205	0.193				<i>PVRL1</i>	Body
cg03833604	12	54,378,500	0.010919	0.205	0.162				<i>HOXC10</i>	TSS1500
cg06741367	2	128,453,108	0.00913	0.205	0.173					

cg20956815	3	184,320,006	3.3E-05	0.205	0.192					
cg02235249	2	171,570,003	0.000544	0.205	0.157				<i>LOC440925</i>	Body
cg12744061	1	115,444,733	9.84E-08	0.205	0.168				<i>SYCP1</i>	Body
cg17860090	1	209,605,104	1.43E-05	0.205	0.138				<i>LOC642587</i>	Body
cg11022926	7	43,652,643	6.48E-06	0.205	0.209				<i>STK17A</i>	Body
cg14692377	17	28,562,685	0.001704	0.205	0.147				<i>SLC6A4</i>	1stExon
cg05431842	4	30,724,915	5.78E-07	0.205	0.211				<i>PCDH7</i>	1stExon
cg11707219	8	21,905,756	1.82E-08	0.205	0.169				<i>FGF17</i>	Body
cg13871843	1	9,887,984	4.35E-13	0.205	0.183					
cg20161179	4	4,863,282	0.000396	0.205	0.211	2.57E-17	0.198		<i>MSX1</i>	Body
cg26333564	14	105,147,781	0.000208	0.205	0.181					
cg04738888	17	73,584,111	1.82E-06	0.205	0.201				<i>MYO15B</i>	TSS200
cg16142313	8	28,950,249	2.18E-12	0.205	0.183				<i>KIF13B</i>	Body
cg19555331	4	147,561,900	0.035185	0.205	0.248				<i>POU4F2</i>	Body
cg20073553	4	13,545,291	9.23E-05	0.205	0.209	1.91E-09	0.133		<i>NKX3-2</i>	Body
cg22787186	11	324,634	2.79E-16	0.205	0.188					
cg09437162	9	138,555,074	0.007302	0.205	0.161				<i>LCN9</i>	TSS200
cg10092957	19	39,687,079	0.002973	0.205	0.291	1.73E-13	0.095		<i>NCCRP1</i>	TSS1500
cg17375248	2	66,811,157	0.011175	0.205	0.203					
cg19273694	2	24,233,923	1.98E-11	0.205	0.208				<i>MFSD2B</i>	Body
cg20138067	1	203,273,571	5.52E-10	0.205	0.180				<i>BTG2</i>	TSS1500
cg22008026	4	155,413,392	0.000212	0.205	0.216				<i>DCHS2</i>	TSS1500
cg02923485	1	223,959,609	9.66E-05	0.205	0.195				<i>CAPN2</i>	Body
cg18117669	15	57,510,284	5.78E-08	0.205	0.190				<i>TCF12</i>	TSS1500
cg06570224	3	157,812,475	4.55E-05	0.205	0.177					
cg14706428	4	6,113,389	0.00312	0.205	0.211				<i>JAKMIP1</i>	Body
cg00188032	5	96,141,721	1.16E-05	0.205	0.196				<i>ERAP1</i>	5'UTR
cg10953225	1	149,326,531	0.000249	0.205	0.227					
cg13458005	10	27,702,309	3.99E-05	0.205	0.224				<i>PTCHD3</i>	1stExon
cg13529733	2	1,609,194	8.85E-06	0.205	0.207					
cg13757081	7	26,480,747	0.000374	0.205	0.145				<i>LOC441204</i>	Body
cg18530324	18	46,064,992	0.001124	0.205	0.067	1.4E-23	0.201		<i>KIAA0427</i>	TSS1500
cg21756647	11	75,024,611	5.26E-08	0.205	0.211				<i>ARRB1</i>	Body
cg11996817	17	8,230,768	6.24E-06	0.205	0.180					

cg13994241	17	46,667,725	4.76E-12	0.205	0.190				<i>LOC404266</i>	TSS200
cg21440587	6	31,583,458	0.000108	0.205	0.234	1.86E-16	0.080		<i>AIF1</i>	TSS1500
cg23781334	4	1,772,062	1.34E-23	0.205	0.200					
cg25310081	12	56,959,642	0.000432	0.205	0.179				<i>RBMS2</i>	Body
cg00277591	17	4,079,652	1.71E-08	0.205	0.186				<i>ANKFY1</i>	Body
cg02455706	16	84,918,851	0.000129	0.205	0.190				<i>CRISPLD2</i>	Body
cg08288561	16	66,462,307	3.33E-05	0.205	0.187				<i>BEAN</i>	5'UTR
cg10090792	1	38,198,142	1.86E-10	0.205	0.205				<i>EPHA10</i>	Body
cg14066905	11	124,953,090	2.13E-08	0.205	0.200				<i>SLC37A2</i>	Body
cg25345178	8	72,459,908	0.018264	0.205	0.245					
cg03327325	10	43,846,574	0.048025	0.205	0.129			Yes		
cg09900242	16	68,676,451	7.99E-08	0.205	0.188					
cg14973892	13	46,944,143	9.19E-05	0.205	0.212				<i>C13orf18</i>	Body
cg22366375	4	25,033,140	0.002085	0.205	0.173				<i>LGI2</i>	TSS1500
cg19319393	1	6,321,737	0.00542	0.205	0.144				<i>GPR153</i>	TSS1500
cg23337631	12	52,994,933	3.17E-09	0.205	0.221				<i>KRT72</i>	1stExon
cg00124009	1	201,439,578	2.37E-23	0.205	0.197				<i>PHLDA3</i>	TSS1500
cg12110437	8	144,098,888	0.00023	0.205	0.208				<i>LY6E</i>	TSS1500
cg20068535	6	151,560,981	2.2E-06	0.205	0.204				<i>AKAP12</i>	TSS200
cg04171065	14	42,075,760	0.018606	0.205	0.286				<i>LRFN5</i>	TSS1500
cg20517697	14	74,208,225	0.000206	0.205	0.189				<i>C14orf43</i>	5'UTR
cg16502826	1	970,237	4E-09	0.205	0.193				<i>AGRN</i>	Body
cg22219379	3	140,541,355	0.000122	0.205	0.189					
cg24946736	19	7,542,181	8.68E-21	0.205	0.200				<i>PEX11G</i>	Body
cg01583753	2	39,470,725	0.044901	0.205	0.089					
cg06982745	10	72,454,006	0.00827	0.205	0.133				<i>ADAMTS14</i>	Body
cg15299388	4	48,491,941	0.000427	0.205	0.184				<i>ZAR1</i>	TSS1500
cg16555909	1	23,721,285	0.00278	0.205	0.230				<i>TCEA3</i>	Body
cg07243366	12	19,729,703	1.09E-08	0.205	0.221					
cg13780614	15	49,607,868	8.27E-14	0.205	0.207				<i>GALK2</i>	Body
cg13059719	1	179,712,027	0.022737	0.205	0.175				<i>FAM163A</i>	TSS1500
cg15498274	19	47,742,558	1.39E-19	0.205	0.173					
cg19107504	10	88,467,518	3.81E-05	0.205	0.224				<i>LDB3</i>	Body
cg09762021	1	153,762,224	0.002154	0.205	0.172					

cg21092790	8	117,950,244	0.009941	0.205	0.197				<i>C8orf85</i>	TSS1500
cg25465406	17	7,906,098	0.039796	0.205	0.221	4.17E-13	0.161		<i>GUCY2D</i>	5'UTR
cg00625783	17	43,222,106	0.025432	0.205	0.122					
cg05740045	8	65,499,926	0.000195	0.205	0.173					
cg17149655	15	61,521,910	0.001993	0.205	0.179				<i>RORA</i>	TSS1500
cg05300248	18	24,537,063	3.36E-06	0.205	0.181				<i>CHST9</i>	Body
cg14652095	6	26,018,185	5.85E-05	0.205	0.173	3.13E-21	0.249		<i>HIST1H1A</i>	TSS200
cg17696160	14	37,136,192	0.008184	0.205	0.127				<i>PAX9</i>	Body
cg05643188	1	197,873,430	4.14E-06	0.204	0.200				<i>C1orf53</i>	Body
cg07739851	17	72,231,448	0.002613	0.204	0.212				<i>TTYH2</i>	Body
cg23177714	8	142,877,740	3.64E-06	0.204	0.212					
cg02122367	5	1,841,622	0.000587	0.204	0.129					
cg03958979	6	108,486,387	2.27E-07	0.204	0.188	3.39E-17	0.205		<i>NR2E1</i>	TSS1500
cg20169062	5	53,751,411	5.56E-09	0.204	0.194	0.0000412	0.099		<i>HSPB3</i>	TSS200
cg20735282	11	69,481,734	2.61E-06	0.204	0.179				<i>ORAOV1</i>	3'UTR
cg26278454	20	982,623	0.000467	0.204	0.175				<i>RSPO4</i>	Body
cg00093099	18	2,849,071	0.001243	0.204	0.221				<i>EMILIN2</i>	Body
cg15641024	11	57,232,331	1.42E-06	0.204	0.240				<i>RTN4RL2</i>	Body
cg07249684	8	689,392	0.021089	0.204	0.249					
cg14768245	11	14,926,780	0.012094	0.204	0.235					
cg19962424	11	35,110,045	0.00886	0.204	0.268					
cg03733207	20	36,932,553	6.22E-05	0.204	0.189				<i>BPI</i>	1stExon
cg08133931	17	48,636,626	2.89E-05	0.204	0.217					
cg13058457	15	38,422,160	0.003547	0.204	0.160					
cg24379332	19	10,627,706	0.000645	0.204	0.227				<i>S1PR5</i>	5'UTR
cg06465011	16	84,860,871	9.17E-07	0.204	0.189				<i>CRISPLD2</i>	5'UTR
cg23180841	2	28,897,312	0.001582	0.204	0.211					
cg20559633	8	142,734,242	1.91E-05	0.204	0.161					
cg01325935	X	67,905,522	1.18E-11	0.204	0.187				<i>STARD8</i>	5'UTR
cg13130319	14	77,964,542	1.89E-05	0.204	0.198				<i>ISM2</i>	Body
cg13928759	10	95,517,382	3.73E-08	0.204	0.203				<i>LGI1</i>	TSS200
cg18074297	21	36,041,612	0.000349	0.204	0.191				<i>CLIC6</i>	TSS200
cg22459630	15	68,121,028	0.020474	0.204	0.241				<i>LBXCOR1</i>	Body
cg09975397	11	74,384,522	4.22E-10	0.204	0.201					

cg22489957	6	28,921,805	0.042966	0.204	0.142					
cg21380341	12	94,543,978	0.03494	0.204	0.204				<i>PLXNC1</i>	Body
cg00463746	1	64,434,320	0.007605	0.204	0.200				<i>ROR1</i>	Body
cg17549878	17	18,280,849	1.82E-07	0.204	0.174				<i>EVPLL</i>	TSS1500
cg20991420	2	173,061,715	8.92E-06	0.204	0.148					
cg09556952	21	38,119,946	0.012658	0.204	0.191				<i>SIM2</i>	Body
cg16362949	17	1,390,671	0.00047	0.204	0.105				<i>MYO1C</i>	5'UTR
cg24910943	10	11,206,320	0.000629	0.204	0.210				<i>CUGBP2</i>	Body
cg04655481	9	125,796,809	3.73E-18	0.204	0.195	2.27E-18	0.141		<i>GPR21</i>	TSS200
cg10853431	10	11,574,300	0.000102	0.204	0.212				<i>USP6NL</i>	Body
cg14534144	13	114,150,007	6.95E-07	0.204	0.199				<i>TMCO3</i>	Body
cg17783086	17	62,775,188	0.003807	0.204	0.112				<i>LOC146880</i>	Body
cg04076774	12	107,954,581	4.74E-07	0.204	0.196				<i>BTBD11</i>	Body
cg07116163	2	170,589,499	1.13E-05	0.204	0.193				<i>KLHL23</i>	5'UTR
cg11337388	1	44,446,092	2.84E-09	0.204	0.204				<i>B4GALT2</i>	5'UTR
cg25772221	1	1,079,622	6.34E-08	0.204	0.155					
cg26266099	1	33,391,638	2.98E-05	0.204	0.198					
cg00721947	8	143,755,447	1.85E-09	0.204	0.193					
cg01883046	2	174,890,420	1.25E-09	0.204	0.180					
cg03769939	1	25,254,129	1.2E-10	0.204	0.198				<i>RUNX3</i>	Body
cg11762968	13	95,354,190	1.04E-05	0.204	0.180					
cg13629753	1	89,591,719	0.009351	0.204	0.326	0.00000377	0.090		<i>GBP2</i>	1stExon
cg12579212	3	46,448,868	3.29E-06	0.204	0.196				<i>CCRL2</i>	5'UTR
cg20892260	8	23,564,025	0.00015	0.204	0.189				<i>NKX2-6</i>	TSS200
cg09948958	14	94,443,055	0.010434	0.204	0.230					
cg12068124	19	1,238,538	8.41E-07	0.204	0.243				<i>C19orf26</i>	TSS1500
cg21794767	7	120,657,213	5.81E-08	0.204	0.214				<i>C7orf58</i>	Body
cg08247587	14	38,091,400	0.000126	0.204	0.199					
cg13983182	9	130,853,333	9.94E-15	0.204	0.192				<i>SLC25A25</i>	Body
cg14334014	17	64,226,953	3.06E-13	0.204	0.210				<i>APOH</i>	TSS1500
cg11018723	1	25,256,939	0.033992	0.204	0.238				<i>RUNX3</i>	Body
cg09566302	16	30,964,627	7.12E-10	0.204	0.217				<i>ORAI3</i>	Body
cg12530864	4	188,953,092	0.006242	0.204	0.208					
cg12680205	10	80,303,482	6.61E-06	0.204	0.165					

cg19567891	15	89,921,083	8.59E-07	0.204	0.173				<i>LOC254559</i>	TSS200
cg25988321	14	95,238,750	0.000554	0.204	0.203					
cg06215457	13	46,190,028	0.001477	0.204	0.231				<i>FAM194B</i>	TSS200
cg19893473	3	177,778,301	1.25E-09	0.204	0.206					
cg14266251	9	135,462,291	0.032498	0.204	0.198				<i>BARHL1</i>	Body
cg06520300	2	16,081,824	0.001924	0.204	0.145				<i>MYCN</i>	5'UTR
cg06783423	3	42,538,831	6.69E-06	0.204	0.206					
cg21097788	14	93,502,930	4.27E-10	0.204	0.195				<i>ITPK1</i>	Body
cg02642822	17	46,666,926	0.003227	0.204	0.191				<i>LOC404266</i>	TSS1500
cg03466525	10	50,650,021	5.98E-08	0.204	0.181					
cg08457898	19	15,343,786	0.002922	0.204	0.221				<i>EPHX3</i>	5'UTR
cg11810743	6	168,714,693	2.86E-06	0.204	0.170				<i>DACT2</i>	Body
cg23998478	2	121,269,292	6.33E-06	0.204	0.199					
cg24335116	12	123,469,507	3.89E-06	0.204	0.248				<i>PITPNM2</i>	3'UTR
cg24834659	19	22,805,803	0.031825	0.204	0.225					
cg24574963	7	149,120,622	1.57E-15	0.204	0.197					
cg06842071	2	233,499,460	2.3E-05	0.204	0.184				<i>EFHD1</i>	Body
cg14883961	8	127,846,077	1.49E-06	0.204	0.184					
cg00214171	17	73,642,991	4.07E-09	0.204	0.200				<i>RECQL5</i>	Body
cg03463523	16	73,099,917	0.000301	0.204	0.197					
cg07770222	8	144,120,106	0.015197	0.204	0.119	0.00993538	0.041		<i>C8orf31</i>	TSS1500
cg08388455	17	37,081,875	7.33E-09	0.204	0.194					
cg26262576	13	20,420,028	2.32E-05	0.204	0.229				<i>ZMYM5</i>	Body
cg15338967	13	49,175,326	5.61E-06	0.204	0.234					
cg17007374	15	71,417,947	2.01E-09	0.204	0.210					
cg17926940	14	97,685,060	0.036194	0.204	0.273					
cg23473955	17	27,893,407	2.01E-09	0.204	0.189				<i>ABHD15</i>	1stExon
cg24156261	3	99,721,850	2.29E-19	0.204	0.193				<i>C3orf26</i>	Body
cg08777316	5	158,531,511	0.002488	0.204	0.181					
cg10576245	1	233,249,267	0.000311	0.204	0.200				<i>PCNXL2</i>	Body
cg17480077	1	10,895,517	3.05E-09	0.204	0.188					
cg25010500	5	140,619,586	0.001613	0.204	0.263				<i>PCDHB19P</i>	TSS200
cg26064794	1	204,435,434	2.1E-19	0.204	0.199				<i>PIK3C2B</i>	Body
cg05239811	6	31,734,147	6.72E-05	0.204	0.212				<i>C6orf27</i>	Body

cg08224569	8	142,369,705	7.93E-11	0.204	0.190				<i>GPR20</i>	5'UTR
cg24940576	11	125,904,314	7.43E-06	0.204	0.232				<i>CDON</i>	5'UTR
cg04650789	15	96,864,196	2.66E-06	0.204	0.214					
cg18290981	11	63,789,520	3.64E-14	0.204	0.188				<i>MACROD1</i>	Body
cg04734712	17	1,811,474	0.001084	0.204	0.150					
cg26251325	5	54,518,745	0.021909	0.204	0.191					
cg03828874	5	3,605,954	0.001637	0.204	0.267					
cg24937877	1	11,444,066	0.000414	0.204	0.213					
cg27241845	2	233,250,370	0.001937	0.204	0.173					
cg06587257	12	50,452,135	2.38E-05	0.204	0.176				<i>ACCN2</i>	5'UTR
cg16468389	17	46,831,742	1.61E-07	0.204	0.198					
cg25560775	15	65,707,468	1.67E-05	0.204	0.198				<i>IGDCC4</i>	Body
cg26393630	14	30,399,576	0.007199	0.204	0.208					
cg00517787	4	154,713,235	0.001694	0.204	0.209					
cg09430957	19	51,419,804	5.02E-10	0.204	0.192					
cg05655534	2	62,798,448	0.004735	0.204	0.222					
cg08288016	4	187,590,536	8.08E-09	0.204	0.191				<i>FAT1</i>	Body
cg01300684	4	141,230,118	2.78E-11	0.204	0.197				<i>SCOC</i>	5'UTR
cg09146183	22	38,610,376	5.27E-05	0.204	0.204				<i>MAFF</i>	Body
cg14880184	18	19,758,221	1.31E-17	0.204	0.197				<i>GATA6</i>	Body
cg19584871	2	11,810,508	0.001305	0.204	0.206				<i>NTSR2</i>	TSS200
cg05138949	3	57,195,542	0.002366	0.204	0.225				<i>IL17RD</i>	Body
cg20381115	15	45,671,148	7.45E-05	0.204	0.201				<i>LOC145663</i>	Body
cg27517681	1	119,528,848	0.033147	0.204	0.201				<i>TBX15</i>	5'UTR
cg13827582	15	99,971,213	2.44E-06	0.204	0.182					
cg22600043	8	109,095,991	0.001039	0.204	0.237				<i>RSPO2</i>	TSS200
cg07103201	17	20,171,047	7.59E-07	0.204	0.199				<i>CYTSB</i>	Body
cg17518215	2	172,973,241	5.04E-06	0.204	0.178					
cg07013148	8	146,233,339	6.55E-17	0.204	0.204					
cg08823954	11	73,359,662	1.36E-05	0.204	0.168				<i>PLEKHB1</i>	5'UTR
cg14848289	11	117,732,291	0.001831	0.204	0.179				<i>FXVD6</i>	5'UTR
cg15880760	17	48,546,290	0.000253	0.204	0.174				<i>CHAD</i>	TSS200
cg03434509	8	82,543,424	1.69E-06	0.204	0.197					
cg03847705	10	115,860,959	0.045174	0.204	0.008					

cg00696323	3	124,520,019	2.51E-11	0.204	0.187				<i>ITGB5</i>	Body
cg06962787	17	15,522,897	2.48E-12	0.204	0.205				<i>CDRT1</i>	1stExon
cg09078293	16	17,510,730	3.12E-07	0.204	0.187				<i>XYLT1</i>	Body
cg17843665	13	24,351,673	0.000191	0.204	0.226				<i>MIPEP</i>	Body
cg20341836	6	29,894,228	0.003552	0.204	0.163				<i>HCG4P6</i>	TSS1500
cg02659920	11	726,335	0.009782	0.204	0.134				<i>EPS8L2</i>	Body
cg02990302	16	58,155,189	0.000558	0.204	0.222				<i>C16orf80</i>	Body
cg21578330	4	87,829,966	1.64E-07	0.204	0.190					
cg12210914	1	228,075,694	0.000105	0.204	0.201					
cg13976134	4	77,733,007	3.25E-05	0.204	0.221					
cg15709989	3	185,912,227	0.000106	0.204	0.163				<i>DGKG</i>	Body
cg15895121	5	141,625,843	0.002878	0.204	0.240					
cg25799109	3	57,102,900	0.00094	0.204	0.166				<i>ARHGEF3</i>	5'UTR
cg11346237	7	130,019,736	7.17E-09	0.204	0.201				<i>CPA1</i>	TSS1500
cg02286761	19	14,315,694	1.08E-16	0.204	0.212				<i>LPHN1</i>	5'UTR
cg10854092	10	133,985,931	0.000979	0.204	0.209				<i>JAKMIP3</i>	3'UTR
cg02531277	7	101,558,597	8.55E-30	0.204	0.199				<i>CUX1</i>	Body
cg23361265	17	15,917,660	1.2E-07	0.204	0.241				<i>TTC19</i>	Body
cg22157027	2	10,638,113	8.31E-05	0.204	0.178					
cg25635500	22	29,712,139	7.91E-09	0.204	0.210	6.58E-15	0.112		<i>RASL10A</i>	TSS1500
cg04523603	1	3,622,085	7.91E-09	0.204	0.223				<i>TP73</i>	Body
cg21609154	13	113,624,991	8.54E-12	0.204	0.182				<i>MCF2L</i>	Body
cg05824809	16	85,427,847	1.68E-14	0.204	0.190					
cg13634560	13	38,173,852	0.01051	0.204	0.216				<i>POSTN</i>	TSS1500
cg14762973	2	187,714,068	0.004378	0.204	0.178				<i>ZSWIM2</i>	TSS200
cg04593696	16	84,076,900	5.18E-06	0.204	0.176				<i>SLC38A8</i>	TSS1500
cg10198294	10	28,616,726	2.5E-06	0.204	0.200					
cg11964308	12	54,535,018	0.000236	0.204	0.208					
cg16058493	1	91,189,167	0.001567	0.204	0.233					
cg13980454	14	36,985,905	0.000792	0.204	0.228				<i>NKX2-1</i>	3'UTR
cg13824500	10	114,394,236	1.51E-18	0.204	0.189				<i>VTI1A</i>	Body
cg25657713	6	100,038,708	7.42E-07	0.204	0.212					
cg08710739	12	111,470,672	2.52E-13	0.204	0.205				<i>CUX2</i>	TSS1500
cg21903646	6	28,447,115	0.003896	0.204	0.184					



cg26413900	17	43,985,654	9.01E-06	0.204	0.173				<i>MAPT</i>	5'UTR
cg03714531	6	30,923,590	0.011291	0.204	0.309					
cg17614974	3	44,039,919	0.007514	0.204	0.147					
cg21121843	4	3,203,982	3.36E-09	0.204	0.172				<i>HTT</i>	Body
cg03300078	11	1,769,522	0.007431	0.204	0.174				<i>HCCA2</i>	Body
cg04304333	17	59,474,038	0.000309	0.204	0.175					
cg06616081	15	77,336,938	4.57E-05	0.204	0.205				<i>TSPAN3</i>	3'UTR
cg15511120	11	6,598,119	5.14E-09	0.204	0.190					
cg27651243	7	156,799,148	0.004599	0.204	0.216				<i>MNX1</i>	Body
cg03551963	5	39,502,320	3.62E-07	0.204	0.171					
cg22525581	12	54,439,112	3.31E-13	0.204	0.190				<i>HOXC4</i>	5'UTR
cg05152781	1	41,780,807	2.72E-05	0.204	0.207			Yes		
cg05201970	5	45,696,206	5.62E-11	0.204	0.204				<i>HCN1</i>	5'UTR
cg17924813	4	15,704,844	0.004007	0.204	0.204				<i>BST1</i>	1stExon
cg23149064	2	130,970,868	4.43E-10	0.204	0.183					
cg24649332	20	45,280,359	3.4E-10	0.204	0.203				<i>SLC13A3</i>	5'UTR
cg03128890	8	122,558,224	1.35E-05	0.204	0.181					
cg05573844	12	54,354,590	0.038593	0.204	0.125					
cg14950321	19	4,530,233	7.12E-09	0.204	0.212				<i>PLIN5</i>	Body
cg15081886	1	1,356,902	3E-08	0.204	0.202				<i>LOC441869</i>	TSS1500
cg18400079	4	7,813,911	1.32E-08	0.204	0.210			Yes	<i>AFAP1</i>	Body
cg01062113	11	93,865,443	3.27E-25	0.204	0.189				<i>PANX1</i>	Body
cg02525435	16	88,977,768	2.59E-07	0.204	0.215				<i>CBFA2T3</i>	5'UTR
cg22743761	2	162,273,648	0.015497	0.204	0.249				<i>TBR1</i>	Body
cg02304584	6	31,650,790	7.72E-08	0.204	0.202					
cg25869196	2	102,952,419	7.89E-08	0.204	0.210				<i>IL1RL1</i>	5'UTR
cg07460804	16	14,163,963	4.15E-07	0.204	0.182				<i>MKL2</i>	TSS1500
cg10485752	1	26,021,655	1.41E-17	0.204	0.201				<i>MAN1C1</i>	Body
cg01536979	8	117,840,383	1.23E-08	0.204	0.209					
cg04066316	4	189,433,040	0.001659	0.204	0.252					
cg08626653	7	100,082,322	4.78E-18	0.204	0.197	3.21E-07	0.059		<i>C7orf51</i>	5'UTR
cg21701379	12	31,079,694	0.018749	0.204	0.113				<i>TSPAN11</i>	TSS200
cg21841632	3	66,853,898	0.000787	0.204	0.223			Yes		
cg00044871	13	25,945,811	0.0041	0.204	0.086				<i>ATP8A2</i>	TSS1500

cg02423064	17	32,484,008	0.000315	0.204	0.239				<i>ACCN1</i>	TSS200
cg05783135	11	78,092,939	4.24E-11	0.204	0.182				<i>GAB2</i>	Body
cg13635299	6	42,409,704	2.09E-08	0.204	0.203				<i>TRERF1</i>	5'UTR
cg20383637	2	2,965,744	2.5E-05	0.204	0.165					
cg06865612	2	946,999	1.25E-06	0.204	0.217				<i>SNTG2</i>	Body
cg03997176	6	29,796,066	0.030616	0.204	0.263				<i>HLA-G</i>	Body
cg04565337	14	38,071,768	2.53E-07	0.204	0.203					
cg13332142	3	27,575,278	4.29E-07	0.204	0.185					
cg01245155	2	205,919,517	3.42E-11	0.203	0.201				<i>PARD3B</i>	Body
cg02219949	17	45,927,392	2E-05	0.203	0.156				<i>SP6</i>	5'UTR
cg04522003	17	40,913,702	8.61E-20	0.203	0.225				<i>LOC100190938</i>	TSS1500
cg16096311	1	151,693,261	0.008864	0.203	0.162				<i>C1orf230</i>	TSS1500
cg04074004	6	31,696,462	1.98E-07	0.203	0.222				<i>DDAH2</i>	Body
cg10708189	1	58,898,793	8.26E-05	0.203	0.142					
cg11735997	11	30,039,113	0.024391	0.203	0.225				<i>KCNA4</i>	TSS1500
cg12384499	15	89,949,617	0.017406	0.203	0.284					
cg15752885	7	158,255,389	6.07E-08	0.203	0.195				<i>PTPRN2</i>	Body
cg26328633	5	135,416,394	3.03E-05	0.203	0.175				<i>MIR886</i>	TSS200
cg00697703	7	25,018,855	1.76E-05	0.203	0.162				<i>OSBPL3</i>	5'UTR
cg04694437	5	88,185,051	0.002316	0.203	0.163				<i>MEF2C</i>	5'UTR
cg05554161	9	127,540,080	4.87E-10	0.203	0.181				<i>OLFML2A</i>	Body
cg17658113	11	1,413,282	0.000955	0.203	0.183				<i>BRSK2</i>	Body
cg04837832	10	101,290,958	0.010642	0.203	0.168					
cg13845094	12	81,108,034	1.72E-08	0.203	0.201					
cg08632388	16	88,700,818	0.001045	0.203	0.191					
cg12149609	20	42,816,600	1.87E-05	0.203	0.213				<i>JPH2</i>	TSS1500
cg00306909	2	175,194,079	0.000201	0.203	0.201					
cg03295107	7	151,236,292	1.87E-08	0.203	0.210					
cg06359394	2	187,559,328	0.017555	0.203	0.071				<i>FAM171B</i>	Body
cg11348249	6	151,560,831	9.56E-06	0.203	0.207				<i>AKAP12</i>	TSS1500
cg25224048	5	38,467,248	3.63E-09	0.203	0.220					
cg25687642	2	210,871	6.27E-05	0.203	0.217					
cg16809460	1	50,885,369	0.038419	0.203	0.324				<i>DMRTA2</i>	Body
cg12626957	3	187,770,324	3.18E-07	0.203	0.194					

cg13842240	4	13,539,213	3.33E-06	0.203	0.187					
cg16610917	17	40,912,707	5.93E-11	0.203	0.196				<i>LOC100190938</i>	Body
cg17002328	14	91,751,773	3.95E-12	0.203	0.208				<i>CCDC88C</i>	Body
cg18261050	1	119,551,319	0.034616	0.203	0.276					
cg20811456	7	20,816,971	1.28E-06	0.203	0.180					
cg24114556	17	44,897,431	1.41E-06	0.203	0.187				<i>WNT3</i>	TSS1500
cg09313734	7	155,327,245	1.05E-06	0.203	0.181				<i>CNPY1</i>	TSS1500
cg13348530	4	7,283,184	0.000698	0.203	0.187				<i>SORCS2</i>	Body
cg21116900	12	100,750,760	0.000169	0.203	0.226				<i>SLC17A8</i>	TSS200
cg19035107	6	26,745,662	0.027153	0.203	0.182					
cg21412456	1	26,608,782	0.033698	0.203	0.237				<i>UBXN11</i>	3'UTR
cg02615468	3	58,563,618	0.000139	0.203	0.224				<i>FAM107A</i>	TSS200
cg19249811	10	29,747,315	2.18E-05	0.203	0.201				<i>SVIL</i>	Body
cg26978064	17	70,461,791	4.35E-05	0.203	0.122					
cg00385761	1	228,131,966	5.45E-12	0.203	0.188				<i>WNT9A</i>	Body
cg09307564	14	36,983,737	0.00307	0.203	0.211				<i>SFTA3</i>	TSS1500
cg14632941	4	42,156,182	0.000153	0.203	0.207				<i>BEND4</i>	TSS1500
cg22763680	17	33,815,432	0.006146	0.203	0.242				<i>SLFN12L</i>	Body
cg07359379	1	27,445,362	3.17E-09	0.203	0.211				<i>SLC9A1</i>	Body
cg12157761	15	71,005,778	1.02E-09	0.203	0.201				<i>UACA</i>	Body
cg15259233	6	170,712,708	6.57E-09	0.203	0.232				<i>FAM120B</i>	Body
cg18633230	7	151,425,104	4.74E-13	0.203	0.198				<i>PRKAG2</i>	Body
cg27344315	15	100,560,801	1.01E-06	0.203	0.190				<i>ADAMTS17</i>	Body
cg02138331	20	32,893,975	8.09E-09	0.203	0.207				<i>AHCY</i>	5'UTR
cg02430039	17	47,967,818	7.32E-06	0.203	0.204					
cg07829379	17	35,294,198	0.039921	0.203	0.177				<i>LHX1</i>	TSS1500
cg09047734	16	85,202,191	8.83E-06	0.203	0.185					
cg04568799	3	197,840,782	0.000558	0.203	0.195					
cg13071569	12	107,296,946	3.73E-05	0.203	0.187					
cg11385476	6	138,653,150	2.42E-09	0.203	0.218				<i>KIAA1244</i>	Body
cg24897126	1	6,474,383	5.8E-08	0.203	0.191					
cg08822075	7	26,193,607	0.000391	0.203	0.135				<i>NFE2L3</i>	Body
cg15531930	7	108,097,606	0.002639	0.203	0.172				<i>NRCAM</i>	TSS1500
cg02800334	8	124,750,855	2.09E-11	0.203	0.201				<i>ANXA13</i>	TSS1500

cg04601228	7	70,096,029	2.14E-11	0.203	0.191				<i>AUTS2</i>	Body
cg07145664	6	2,579,591	5.08E-13	0.203	0.178					
cg08531042	5	145,717,661	0.026873	0.203	0.262				<i>POU4F3</i>	TSS1500
cg22025233	7	1,022,904	3.88E-09	0.203	0.167	3.97E-23	0.145		<i>CYP2W1</i>	1stExon
cg22867729	12	121,622,315	9.67E-05	0.203	0.164				<i>P2RX7</i>	Body
cg23855989	12	50,355,821	3.55E-06	0.203	0.184	4.73E-18	0.121		<i>AQP5</i>	1stExon
cg26703880	11	78,764,003	2.76E-08	0.203	0.214				<i>ODZ4</i>	Body
cg27027242	17	59,485,894	1.31E-06	0.203	0.186				<i>TBX2</i>	3'UTR
cg06148812	22	19,746,368	1.64E-05	0.203	0.204				<i>TBX1</i>	5'UTR
cg06319475	8	145,105,829	2.05E-05	0.203	0.203					
cg19913626	8	49,533,357	2.01E-14	0.203	0.186					
cg23105419	2	43,496,213	3.14E-08	0.203	0.196			Yes	<i>THADA</i>	Body
cg04540882	17	27,703,877	5.27E-08	0.203	0.194					
cg13382072	19	1,851,882	1.11E-05	0.203	0.187					
cg19948701	17	75,471,193	2.66E-09	0.203	0.202				<i>SEPT9</i>	Body
cg03846408	11	1,769,390	0.023098	0.203	0.177				<i>HCCA2</i>	Body
cg23281972	2	223,610,984	6.79E-10	0.203	0.205					
cg02347652	12	122,332,665	1.37E-14	0.203	0.186				<i>PSMD9</i>	Body
cg07301952	18	158,011	1.25E-05	0.203	0.154			Yes	<i>USP14</i>	TSS1500
cg19363499	8	70,983,530	0.01035	0.203	0.248				<i>PRDM14</i>	1stExon
cg22274745	2	182,451,537	0.000492	0.203	0.180				<i>CERKL</i>	Body
cg11775521	11	74,178,795	6.62E-09	0.203	0.197				<i>KCNE3</i>	TSS200
cg20407792	6	32,044,203	2.59E-21	0.203	0.219				<i>TNXB</i>	Body
cg01052699	4	171,030,995	0.003958	0.203	0.226					
cg01193554	1	41,846,683	6.54E-05	0.203	0.153					
cg06760238	10	134,400,036	3.81E-07	0.203	0.189				<i>INPP5A</i>	Body
cg21695024	8	65,498,708	0.040127	0.203	0.274					
cg06248480	7	107,642,453	0.030912	0.203	0.211				<i>LAMB1</i>	Body
cg01513392	20	21,488,198	0.000233	0.203	0.167					
cg06579738	11	111,165,311	9.39E-11	0.203	0.200				<i>C11orf92</i>	3'UTR
cg22773334	10	131,569,486	8.13E-05	0.203	0.194					
cg24535475	12	7,167,900	9.21E-07	0.203	0.214				<i>C1S</i>	TSS200
cg01883635	2	45,033,155	0.044155	0.203	0.137					
cg05143012	7	10,974,404	0.000478	0.203	0.192				<i>NDUFA4</i>	Body

cg10831607	12	115,134,374	0.000117	0.203	0.188					
cg21556281	7	27,154,720	1.56E-05	0.203	0.170				<i>HOXA3</i>	5'UTR
cg16655791	6	106,429,610	8.73E-07	0.203	0.228					
cg19159759	13	20,989,818	3.49E-10	0.203	0.183				<i>CRYL1</i>	Body
cg14297340	9	72,871,343	1.61E-05	0.203	0.214					
cg14948757	16	56,669,726	0.000896	0.203	0.187					
cg27502457	2	87,018,585	1.27E-05	0.203	0.157				<i>CD8A</i>	5'UTR
cg14918927	12	105,477,694	4.89E-05	0.203	0.163				<i>ALDH1L2</i>	Body
cg04946274	2	127,963,067	1.08E-06	0.203	0.169				<i>CYP27C1</i>	5'UTR
cg10507482	2	175,198,039	0.027609	0.203	0.223					
cg14832904	2	54,087,028	3.27E-05	0.203	0.120	2.89E-11	0.161		<i>GPR75</i>	5'UTR
cg23927970	11	504,933	0.005384	0.203	0.169				<i>RNH1</i>	5'UTR
cg10857167	12	126,346,276	0.028407	0.203	0.091					
cg24265969	3	55,654,481	8.3E-05	0.203	0.122				<i>ERC2</i>	3'UTR
cg03232933	21	18,985,641	0.002751	0.203	0.149				<i>BTG3</i>	TSS1500
cg04149978	1	10,764,896	8.19E-05	0.203	0.148				<i>CASZ1</i>	5'UTR
cg16416987	1	155,177,561	1.12E-12	0.203	0.177				<i>THBS3</i>	Body
cg23719124	1	110,254,919	3.42E-05	0.203	0.212	8.66E-13	0.102		<i>GSTM5</i>	1stExon
cg13509147	19	4,153,603	0.000771	0.203	0.205	3.16E-08	0.091		<i>CREB3L3</i>	TSS200
cg15270687	6	90,143,634	0.030227	0.203	0.169				<i>ANKRD6</i>	5'UTR
cg06520812	19	46,000,742	0.011313	0.203	0.137				<i>RTN2</i>	TSS1500
cg27170458	16	89,988,252	0.008258	0.203	0.193				<i>TUBB3</i>	TSS1500
cg04018702	4	56,047,829	0.001286	0.203	0.248					
cg07689260	7	157,381,098	1.07E-14	0.203	0.188				<i>PTPRN2</i>	Body
cg04552418	1	31,958,245	0.008632	0.203	0.182					
cg05496514	5	87,985,513	0.031108	0.203	0.199					
cg06785429	3	182,699,414	6.39E-09	0.203	0.179	2.41E-21	0.183		<i>DCUN1D1</i>	TSS1500
cg09533168	5	175,560,568	0.004333	0.203	0.173					
cg14336674	17	41,995,064	0.002001	0.203	0.223				<i>C17orf88</i>	Body
cg07257441	17	33,814,596	0.002014	0.203	0.165				<i>SLFN12L</i>	Body
cg10572354	X	99,194,929	0.012455	0.203	0.095				<i>LOC442459</i>	TSS200
cg17575906	5	111,090,585	3.17E-10	0.203	0.206				<i>C5orf13</i>	Body
cg26339788	X	153,745,603	6.89E-06	0.203	0.231				<i>FAM3A</i>	TSS1500
cg05897316	3	40,657,497	3.74E-07	0.203	0.198					

cg09991306	2	241,975,140	1.3E-07	0.203	0.176				<i>SNED1</i>	Body
cg22650271	22	39,760,165	1E-09	0.203	0.187				<i>SYNGR1</i>	Body
cg26021007	17	45,283,040	0.000171	0.203	0.213					
cg27294268	14	36,983,518	0.00071	0.203	0.278				<i>SFTA3</i>	TSS1500
cg08022436	2	155,555,414	0.002527	0.203	0.208				<i>KCNJ3</i>	1stExon
cg08856033	2	121,280,078	4.24E-08	0.203	0.186					
cg09007447	1	114,545,478	1.15E-07	0.203	0.169					
cg15810815	6	114,663,139	0.034733	0.203	0.210					
cg19689322	1	41,284,639	0.008349	0.203	0.200				<i>KCNQ4</i>	Body
cg25486618	11	78,136,642	6.97E-07	0.203	0.190					
cg07103722	6	31,370,532	5.72E-07	0.203	0.183				<i>MICA</i>	TSS1500
cg15316660	21	38,119,920	0.005015	0.203	0.136				<i>SIM2</i>	Body
cg22738642	12	43,137,977	6.54E-07	0.203	0.163					
cg27304020	6	28,956,327	7.1E-05	0.203	0.193					
cg00606900	22	50,175,250	1.14E-05	0.203	0.195				<i>BRD1</i>	Body
cg26811159	11	89,223,981	0.003524	0.203	0.229				<i>NOX4</i>	5'UTR
cg01396530	X	12,974,262	2.03E-06	0.203	0.206					
cg15383276	22	29,709,282	7.82E-06	0.203	0.189				<i>RASL10A</i>	3'UTR
cg17766305	10	90,147,030	0.007511	0.203	0.199				<i>RNLS</i>	Body
cg21046358	5	41,708,556	0.001944	0.203	0.173					
cg08542715	17	34,217,960	2.31E-07	0.203	0.163					
cg17186750	8	38,529,336	8.03E-06	0.203	0.201					
cg01965477	17	35,285,295	0.000856	0.203	0.248					
cg02268569	16	1,032,713	8.79E-06	0.203	0.177				<i>SOX8</i>	Body
cg04747941	15	70,877,925	0.03469	0.203	0.130					
cg06635722	4	13,532,622	0.013973	0.203	0.267					
cg21581504	2	68,545,960	8.14E-06	0.203	0.192				<i>CNRIP1</i>	Body
cg23531257	15	45,422,553	3.48E-07	0.203	0.184				<i>DUOX1</i>	5'UTR
cg25318296	13	100,547,785	0.000583	0.203	0.170				<i>CLYBL</i>	3'UTR
cg09506504	6	106,439,790	0.009054	0.203	0.178					
cg17035539	1	229,544,326	3.52E-13	0.203	0.198					
cg18825458	4	55,095,446	0.002748	0.203	0.258				<i>PDGFRA</i>	1stExon
cg07191152	1	25,061,987	6.86E-11	0.203	0.198					
cg12211091	19	2,512,999	1.84E-07	0.203	0.181				<i>GNG7</i>	3'UTR

cg13719885	3	127,795,394	1.5E-06	0.203	0.214					
cg21741220	11	19,367,175	0.031261	0.203	0.089					
cg18168924	Y	7,177,888	6.77E-08	0.203	0.193				<i>PRKY</i>	Body
cg18277979	9	79,630,127	0.025207	0.203	0.186					
cg23681213	14	74,180,391	0.003552	0.203	0.087	2.45E-32	0.190		<i>PNMA1</i>	1stExon
cg03150515	8	25,836,888	0.001922	0.203	0.156				<i>EBF2</i>	Body
cg08798295	7	98,972,169	0.018283	0.203	0.108				<i>ARPC1B</i>	TSS200
cg22463553	5	140,788,504	0.00101	0.203	0.216				<i>PCDHGA4</i>	Body
cg17733447	17	45,929,399	7.35E-08	0.203	0.199				<i>SP6</i>	5'UTR
cg22517356	1	1,361,216	4.23E-07	0.203	0.259				<i>TMEM88B</i>	TSS1500
cg02286819	1	219,985,565	0.001213	0.203	0.200					
cg00027114	7	42,740,486	4.87E-06	0.203	0.226					
cg00538212	7	158,751,591	0.026768	0.203	0.074					
cg01647314	1	23,280,066	6.61E-05	0.203	0.201					
cg08739433	1	113,051,925	1.97E-07	0.203	0.178				<i>WNT2B</i>	Body
cg13396607	6	102,055,059	0.033188	0.203	0.135				<i>GRIK2</i>	Body
cg23369670	14	104,171,944	4.88E-06	0.203	0.174				<i>XRCC3</i>	Body
cg24475171	9	132,598,886	0.004618	0.203	0.151	0.00000049	0.114		<i>C9orf78</i>	TSS1500
cg01495509	5	169,816,378	0.00194	0.203	0.186	1.11E-12	0.150		<i>KCNIP1</i>	Body
cg09219093	3	184,099,259	1.09E-08	0.203	0.218				<i>CHRD</i>	Body
cg16848712	12	46,767,747	0.000594	0.203	0.202				<i>SLC38A2</i>	TSS1500
cg03266453	2	119,606,055	0.001692	0.203	0.234	0.00289955	0.068		<i>EN1</i>	TSS1500
cg04732324	11	68,564,292	9.41E-10	0.203	0.194				<i>CPT1A</i>	Body
cg07278047	12	99,090,758	7.19E-13	0.203	0.191				<i>APAF1</i>	Body
cg07984286	16	54,317,760	0.016104	0.203	0.207				<i>IRX3</i>	Body
cg17694351	7	27,252,737	6.1E-05	0.203	0.176					
cg23260993	2	56,149,464	8.66E-08	0.203	0.209				<i>EFEMP1</i>	Body
cg07917609	5	33,938,225	0.00027	0.203	0.175				<i>RXFP3</i>	1stExon
cg16583987	1	44,509,575	3.23E-05	0.203	0.176					
cg18016365	4	47,033,634	0.045577	0.203	0.277	1.44E-21	0.176		<i>GABRB1</i>	1stExon
cg18875453	22	50,517,795	2.37E-08	0.203	0.193				<i>MLC1</i>	Body
cg24811864	18	55,019,711	0.007735	0.203	0.175				<i>ST8SIA3</i>	TSS200
cg09544050	8	143,580,965	0.013314	0.203	0.240				<i>BAI1</i>	Body
cg26440261	7	229,594	9.27E-07	0.203	0.224				<i>FAM20C</i>	Body

cg08420923	16	89,436,447	5.09E-09	0.203	0.191				<i>ANKRD11</i>	5'UTR
cg14367229	13	28,367,741	0.001043	0.203	0.164				<i>GSX1</i>	Body
cg23836163	2	157,393,600	3.32E-05	0.203	0.173				<i>GPD2</i>	Body
cg25413843	2	71,126,691	1.53E-06	0.203	0.182				<i>VAX2</i>	TSS1500
cg15856028	10	29,892,129	0.012207	0.203	0.123				<i>SVIL</i>	5'UTR
cg27477277	21	45,811,432	0.007897	0.203	0.257				<i>TRPM2</i>	Body
cg18153322	1	43,534,145	0.008746	0.203	0.086					
cg00721170	4	74,864,239	0.0481	0.203	0.047				<i>CXCL5</i>	1stExon
cg00838423	1	146,552,329	7.31E-05	0.203	0.201					
cg06780726	13	111,978,350	0.000618	0.203	0.167				<i>C13orf16</i>	Body
cg09858862	1	23,887,514	2.73E-14	0.203	0.211				<i>ID3</i>	TSS1500
cg00821731	2	219,744,626	7.78E-10	0.203	0.210				<i>WNT10A</i>	TSS1500
cg15790214	6	26,522,325	0.012755	0.203	0.115				<i>HCG11</i>	Body
cg16362786	21	45,177,726	0.00082	0.203	0.237				<i>PDXK</i>	3'UTR
cg18567041	19	2,654,246	4.26E-06	0.203	0.215				<i>GNG7</i>	5'UTR
cg03473518	13	20,805,656	1.9E-05	0.203	0.169	0.00103223	0.038		<i>GJB6</i>	5'UTR
cg12913879	2	85,362,480	0.000145	0.203	0.198				<i>TCF7L1</i>	Body
cg24860371	2	36,779,825	3.9E-21	0.203	0.185				<i>FEZ2</i>	3'UTR
cg25133376	7	73,392,981	1.16E-06	0.203	0.199					
cg13636583	9	86,756,031	0.014	0.203	0.133					
cg14807565	10	94,179,972	9.57E-08	0.203	0.195					
cg19453488	14	95,330,984	9.74E-05	0.203	0.205					
cg26425313	10	102,981,446	6.62E-06	0.203	0.182					
cg13099429	14	70,827,109	0.010209	0.203	0.245				<i>COX16</i>	TSS1500
cg20048045	10	73,770,523	1.94E-09	0.203	0.209				<i>CHST3</i>	3'UTR
cg06821199	4	779,230	3.56E-07	0.202	0.194				<i>CPLX1</i>	3'UTR
cg08446038	5	52,327,649	0.01133	0.202	0.284				<i>ITGA2</i>	Body
cg08961893	16	88,966,466	1.07E-15	0.202	0.198				<i>CBFA2T3</i>	Body
cg13765939	22	27,053,250	0.029817	0.202	0.220				<i>MIAT</i>	TSS1500
cg09857513	7	120,969,044	4.92E-05	0.202	0.170				<i>WNT16</i>	TSS200
cg11057205	8	134,588,243	7.43E-07	0.202	0.216					
cg20473453	X	15,683,007	0.000196	0.202	0.163	2.5E-11	0.176		<i>TMEM27</i>	5'UTR
cg23024326	6	36,761,843	1.6E-06	0.202	0.172				<i>CPNE5</i>	Body
cg24999727	4	88,243,818	8.75E-13	0.202	0.202	0.0000262	0.096		<i>HSD17B13</i>	1stExon



cg07868721	8	117,950,348	0.021567	0.202	0.139				<i>C8orf85</i>	TSS200
cg11285284	6	30,709,012	4.02E-11	0.202	0.162				<i>FLOT1</i>	Body
cg13329217	11	63,975,481	3.19E-05	0.202	0.210				<i>FERMT3</i>	Body
cg15989892	4	41,063,747	3.76E-05	0.202	0.211				<i>APBB2</i>	5'UTR
cg11607648	3	116,936,427	1.31E-08	0.202	0.219					
cg14843341	6	42,072,683	1.94E-07	0.202	0.190				<i>C6orf132</i>	Body
cg24384120	10	7,594,027	6.72E-11	0.202	0.202					
cg09264782	10	78,004,239	2.17E-09	0.202	0.183				<i>C10orf11</i>	Body
cg10327428	8	39,172,022	0.009421	0.202	0.215				<i>ADAM5P</i>	TSS200
cg13867326	X	13,821,440	6.76E-10	0.202	0.191				<i>GPM6B</i>	Body
cg16291048	1	153,507,498	1.16E-07	0.202	0.217				<i>S100A6</i>	Body
cg22745397	4	42,122,161	1.7E-08	0.202	0.197				<i>BEND4</i>	Body
cg10805850	13	98,794,470	0.002031	0.202	0.099				<i>FARP1</i>	TSS1500
cg11098259	15	58,430,391	3.84E-08	0.202	0.193	4.85E-15	0.182		<i>AQP9</i>	TSS200
cg27627803	17	20,744,682	0.000309	0.202	0.165					
cg17055736	11	113,743,320	3.06E-09	0.202	0.167				<i>USP28</i>	Body
cg03295417	16	14,397,892	7.13E-06	0.202	0.223				<i>MIR193B</i>	Body
cg08005660	12	47,226,005	0.02943	0.202	0.154					
cg09125999	11	117,534,685	0.001813	0.202	0.164				<i>DSCAML1</i>	Body
cg12363903	5	134,526,269	3.56E-15	0.202	0.202					
cg14637649	17	81,057,526	2.56E-05	0.202	0.132					
cg14678084	7	127,627,251	1.27E-14	0.202	0.202				<i>SND1</i>	Body
cg18128976	15	40,355,992	6.7E-12	0.202	0.175					
cg20168849	3	188,995,030	9.2E-08	0.202	0.203				<i>TPRG1</i>	Body
cg06471596	7	101,579,936	0.011802	0.202	0.166				<i>CUX1</i>	Body
cg07166795	1	44,351,061	1.67E-13	0.202	0.197				<i>ST3GAL3</i>	Body
cg23841186	12	53,492,662	5.01E-07	0.202	0.205	3.31E-08	0.112		<i>IGFBP6</i>	Body
cg26736812	17	48,042,353	0.011804	0.202	0.272					
cg05045335	1	8,457,417	0.002159	0.202	0.138				<i>RERE</i>	5'UTR
cg07914856	17	77,788,484	2.64E-07	0.202	0.210					
cg09916651	12	111,620,313	1.6E-08	0.202	0.201				<i>CUX2</i>	Body
cg19192626	17	38,708,638	3.1E-06	0.202	0.202					
cg02595832	10	129,535,786	0.031041	0.202	0.210				<i>FOXI2</i>	1stExon
cg01069159	5	161,275,865	0.014649	0.202	0.229				<i>GABRA1</i>	5'UTR

cg03330485	8	21,647,596	5.08E-05	0.202	0.197				<i>GFRA2</i>	TSS1500
cg01931222	12	54,623,795	4.81E-10	0.202	0.187					
cg08829841	10	129,535,348	1.53E-06	0.202	0.215				<i>FOXI2</i>	TSS200
cg23657809	1	43,847,821	1.7E-07	0.202	0.186					
cg00030047	1	6,268,790	1.1E-06	0.202	0.181				<i>RNF207</i>	Body
cg00766220	5	72,598,865	0.001845	0.202	0.143					
cg17801864	20	45,179,345	1.38E-08	0.202	0.178				<i>C20orf123</i>	TSS200
cg26254045	19	38,886,658	5.03E-10	0.202	0.189				<i>SPRED3</i>	Body
cg13286281	22	21,386,999	0.042827	0.202	0.060				<i>SLC7A4</i>	TSS200
cg18892485	7	129,417,053	1.03E-07	0.202	0.191					
cg20421446	6	5,994,588	0.008824	0.202	0.194					
cg00451194	16	69,141,250	0.032139	0.202	0.219				<i>HAS3</i>	5'UTR
cg05597624	1	44,874,524	0.019236	0.202	0.194				<i>RNF220</i>	5'UTR
cg08168580	1	27,729,992	8.3E-09	0.202	0.188					
cg16616918	17	1,686,627	0.010647	0.202	0.123				<i>SMYD4</i>	Body
cg19389953	7	121,939,827	0.003345	0.202	0.182					
cg01064725	1	204,461,714	9.47E-10	0.202	0.176					
cg01881182	16	8,806,531	9.25E-06	0.202	0.232				<i>ABAT</i>	5'UTR
cg09586183	10	102,890,514	0.001641	0.202	0.203				<i>TLX1</i>	TSS1500
cg05026884	X	40,032,180	0.000186	0.202	0.173				<i>BCOR</i>	5'UTR
cg14640149	2	216,546,226	0.000653	0.202	0.234					
cg01335980	16	27,733,133	3.41E-08	0.202	0.199				<i>KIAA0556</i>	Body
cg04743876	7	130,013,617	0.028702	0.202	0.143					
cg05110133	20	3,220,565	0.011037	0.202	0.173					
cg10655471	19	41,025,339	9.77E-05	0.202	0.155				<i>SPTBN4</i>	Body
cg15193228	22	30,855,332	8.05E-05	0.202	0.161				<i>SEC14L3</i>	3'UTR
cg19639898	1	147,826,639	4.31E-05	0.202	0.174					
cg24998096	5	115,912,261	0.004538	0.202	0.132					
cg06821999	14	95,238,156	1.55E-05	0.202	0.186					
cg08285151	7	18,534,872	0.009335	0.202	0.200				<i>HDAC9</i>	TSS1500
cg08972954	5	156,680,241	0.000318	0.202	0.178				<i>ITK</i>	3'UTR
cg16987552	1	231,015,123	1.15E-07	0.202	0.222					
cg23766360	12	6,193,688	2.27E-11	0.202	0.203				<i>VWF</i>	Body
cg10227024	17	11,234,662	0.000153	0.202	0.238				<i>SHISA6</i>	Body

cg13166642	10	134,645,995	0.042181	0.202	0.171						
cg14560430	3	32,863,175	0.001691	0.202	0.183					<i>TRIM71</i>	Body
cg15380508	5	166,874,870	0.011361	0.202	0.210					<i>ODZ2</i>	Body
cg13194425	17	7,341,936	0.0014	0.202	0.189					<i>FGF11</i>	TSS1500
cg16273943	8	38,175,684	2.15E-09	0.202	0.181					<i>WHSC1L1</i>	Body
cg21078322	6	134,491,163	8.29E-16	0.202	0.203					<i>SGK1</i>	3'UTR
cg22061628	2	172,966,180	0.00036	0.202	0.176					<i>DLX2</i>	Body
cg03100044	7	29,519,450	1.7E-07	0.202	0.190					<i>CHN2</i>	TSS200
cg08143343	12	85,307,152	0.039812	0.202	0.251					<i>SLC6A15</i>	TSS1500
cg09916157	8	23,584,760	0.003625	0.202	0.156						
cg12415479	3	129,311,698	3.54E-08	0.202	0.213					<i>PLXND1</i>	Body
cg04141948	7	1,023,156	1.24E-08	0.202	0.183					<i>CYP2W1</i>	Body
cg07938743	2	63,283,939	6.96E-05	0.202	0.207					<i>OTX1</i>	3'UTR
cg16772514	17	43,046,872	5.44E-10	0.202	0.170	0.03906922	0.026			<i>C1QL1</i>	TSS1500
cg17177536	10	19,778,008	8.23E-07	0.202	0.198						
cg08327269	2	182,545,555	0.036652	0.202	0.158					<i>NEUROD1</i>	TSS200
cg02288165	20	3,687,992	3.84E-07	0.202	0.243	2.34E-12	0.144	Yes		<i>SIGLEC1</i>	TSS1500
cg27136994	15	81,426,534	0.010476	0.202	0.108					<i>C15orf26</i>	TSS200
cg00719224	X	133,681,567	0.00604	0.202	0.239					<i>MIR424</i>	TSS1500
cg08898055	5	179,597,395	2.19E-07	0.202	0.196					<i>RASGEF1C</i>	5'UTR
cg20178764	5	137,609,835	0.000187	0.202	0.193	0.00000732	0.071			<i>GFRA3</i>	Body
cg21342728	22	41,075,673	0.000225	0.202	0.213	1.85E-14	0.179			<i>MCHR1</i>	1stExon
cg05214460	10	111,766,841	0.000305	0.202	0.169					<i>ADD3</i>	5'UTR
cg06895640	11	93,277,191	0.000807	0.202	0.131					<i>C11orf75</i>	TSS1500
cg20372821	17	40,337,892	6.06E-08	0.202	0.216					<i>HCRT</i>	TSS1500
cg26500142	6	137,811,589	4.41E-06	0.202	0.197						
cg27180671	17	65,527,566	0.016068	0.202	0.131					<i>PITPNC1</i>	Body
cg03129884	2	95,692,727	2.36E-07	0.202	0.212					<i>MAL</i>	Body
cg06016427	4	71,862,187	2.64E-10	0.202	0.199					<i>DCK</i>	Body
cg11264878	10	47,004,362	0.000386	0.202	0.140						
cg27353899	3	195,488,922	0.00011	0.202	0.197					<i>MUC4</i>	Body
cg00018198	2	65,297,247	3.5E-12	0.202	0.206					<i>CEP68</i>	Body
cg06765217	14	38,091,644	8.36E-05	0.202	0.207						
cg11602901	3	62,354,878	0.013175	0.202	0.311						

cg16320249	17	46,719,761	0.000218	0.202	0.196					
cg26573518	17	33,700,745	0.009022	0.202	0.246				<i>SLFN11</i>	TSS200
cg01734772	7	65,723,664	1.84E-06	0.202	0.195				<i>TPST1</i>	Body
cg11915218	17	40,335,849	0.000552	0.202	0.190					
cg24943627	18	35,147,826	0.034017	0.202	0.147					
cg05516489	12	54,359,761	0.003875	0.202	0.287				<i>HOTAIR</i>	Body
cg18443893	5	192,103	1.95E-08	0.202	0.191				<i>LRRC14B</i>	1stExon
cg04088697	7	96,627,050	0.029408	0.202	0.215				<i>DLX6AS</i>	Body
cg05886620	7	1,266,180	0.003393	0.202	0.221					
cg22900476	2	173,647,945	0.007404	0.202	0.092				<i>RAPGEF4</i>	Body
cg09255732	1	32,171,050	0.008832	0.202	0.187				<i>COL16A1</i>	TSS1500
cg14370448	16	30,103,978	4.61E-05	0.202	0.196	0.0000498	0.068		<i>YPEL3</i>	3'UTR
cg02151983	3	194,756,646	2.26E-06	0.202	0.184					
cg09567915	6	29,717,260	0.013015	0.202	0.148				<i>LOC285830</i>	TSS1500
cg12418043	5	141,900,671	1.31E-10	0.202	0.209					
cg24459147	21	38,068,581	0.0105	0.202	0.217					
cg02271621	11	1,592,675	0.048117	0.202	0.255	3.35E-13	0.137		<i>HCCA2</i>	Body
cg07412254	2	121,223,534	9.98E-09	0.202	0.197	2.75E-17	0.120		<i>LOC84931</i>	Body
cg07609788	20	39,995,652	0.00087	0.202	0.147				<i>EMILIN3</i>	TSS200
cg13963053	6	170,540,050	1.75E-09	0.202	0.188					
cg20631351	19	711,001	7.47E-12	0.202	0.197				<i>PALM</i>	Body
cg14247008	2	242,786,046	0.002113	0.202	0.230					
cg15798862	7	76,129,360	0.000262	0.202	0.179				<i>DTX2</i>	Body
cg02215171	4	89,379,156	1.6E-08	0.202	0.172				<i>HERC5</i>	Body
cg02221520	4	38,859,706	0.00361	0.202	0.260				<i>TLR6</i>	TSS1500
cg10914815	13	99,148,667	1.74E-07	0.202	0.182				<i>STK24</i>	Body
cg18597411	7	148,394,542	3.19E-08	0.202	0.186				<i>CUL1</i>	TSS1500
cg18749015	6	45,631,363	6.14E-05	0.202	0.174					
cg00078318	2	5,837,429	0.010589	0.202	0.210				<i>SOX11</i>	3'UTR
cg13588388	9	138,981,584	2.01E-05	0.202	0.219				<i>NACC2</i>	5'UTR
cg16222581	7	926,431	1.14E-10	0.202	0.198				<i>C7orf20</i>	Body
cg19794163	X	152,157,977	0.000163	0.202	0.207				<i>PNMA5</i>	3'UTR
cg23145794	20	20,433,062	0.003603	0.202	0.211				<i>RALGAPA2</i>	Body
cg00692610	17	34,996,066	0.00026	0.202	0.216					

cg04508804	3	45,077,765	0.048513	0.202	0.259					
cg01803759	1	27,831,295	7.17E-14	0.202	0.198					
cg18169095	1	201,353,512	3.13E-08	0.202	0.190				LAD1	Body
cg18943588	10	7,517,833	2.18E-08	0.202	0.181					
cg26336935	17	39,769,213	0.000223	0.202	0.207				KRT16	TSS200
cg02442640	17	75,451,779	5.03E-12	0.202	0.179			Yes	SEPT9	Body
cg09807817	14	50,490,901	7.4E-18	0.202	0.222					
cg04515200	5	135,415,762	0.001635	0.202	0.141					
cg05620980	7	562,844	0.005741	0.202	0.232					
cg09538651	11	70,001,896	0.001285	0.202	0.205				ANO1	Body
cg13966710	1	113,392,781	0.008154	0.202	0.180	6.94E-12	0.120			
cg17081976	2	24,347,010	0.000603	0.202	0.132				LOC375190	5'UTR
cg05421688	1	179,711,859	0.038155	0.202	0.175	9.2E-11	0.138		FAM163A	TSS1500
cg06851753	X	153,745,734	5.07E-09	0.202	0.226				FAM3A	TSS1500
cg15665400	2	133,428,652	0.001479	0.202	0.220				LYPD1	TSS200
cg18148179	3	181,428,298	8.68E-06	0.202	0.177				SOX2OT	Body
cg09888283	1	2,211,524	3.32E-06	0.202	0.219				SKI	Body
cg18520238	11	36,422,557	0.000174	0.202	0.160				PRR5L	5'UTR
cg21307484	22	37,546,220	2.29E-05	0.202	0.162				IL2RB	TSS1500
cg12210255	7	72,838,671	4.75E-05	0.202	0.185					
cg23508813	3	137,488,094	0.011223	0.202	0.207					
cg21466107	7	42,136,966	9.09E-13	0.202	0.190				GLI3	Body
cg22450406	2	235,422,165	4.05E-15	0.202	0.182					
cg00743269	17	60,747,654	1.68E-06	0.202	0.215				MRC2	Body
cg06650255	5	139,078,529	2.73E-07	0.202	0.205					
cg19963856	17	33,759,573	0.049138	0.202	0.170				SLFN12	TSS200
cg00021242	15	29,773,425	2.11E-09	0.202	0.181				FAM189A1	Body
cg07761358	X	152,991,647	1.18E-12	0.202	0.215				BCAP31	TSS1500
cg14831622	17	11,148,761	0.003129	0.202	0.141				SHISA6	Body
cg17885794	1	176,521,193	0.002507	0.202	0.167				PAPPA2	5'UTR
cg21013395	17	73,131,789	2.07E-07	0.202	0.193				HN1	3'UTR
cg26985149	17	40,464,935	2.16E-13	0.202	0.177					
cg04366300	11	125,157,962	5.17E-11	0.202	0.186				PKNOX2	5'UTR
cg00808555	17	37,323,734	1.18E-08	0.202	0.205				ARL5C	TSS1500

cg02035605	12	1,725,867	5.8E-10	0.202	0.184				<i>WNT5B</i>	TSS1500
cg02709032	19	33,699,683	6.84E-07	0.202	0.196				<i>SLC7A10</i>	3'UTR
cg10475970	5	140,772,512	0.000127	0.202	0.177				<i>PCDHGA4</i>	Body
cg26298967	6	108,444,791	5.97E-05	0.202	0.198					
cg05447343	17	19,648,925	3.3E-05	0.202	0.184				<i>ALDH3A1</i>	5'UTR
cg17826956	1	77,230,619	1.89E-05	0.202	0.142					
cg18177731	1	19,249,376	5.69E-13	0.202	0.194				<i>IFFO2</i>	Body
cg23028772	1	162,601,485	2.6E-07	0.202	0.197				<i>DDR2</i>	TSS1500
cg00240732	7	70,923,396	0.00016	0.202	0.118				<i>WBSCR17</i>	Body
cg02019774	3	138,658,470	0.043051	0.202	0.268					
cg07291445	7	39,015,928	0.016605	0.202	0.312					
cg09884076	5	72,595,434	0.009732	0.202	0.185					
cg10159951	11	35,441,881	4.46E-05	0.202	0.199				<i>SLC1A2</i>	TSS1500
cg21149983	20	61,038,949	1.94E-11	0.202	0.205				<i>GATA5</i>	3'UTR
cg00738934	8	78,996,279	0.017897	0.202	0.178					
cg07737503	19	1,132,895	7.32E-07	0.202	0.182				<i>SBNO2</i>	Body
cg09975867	1	18,958,324	0.001829	0.202	0.241				<i>PAX7</i>	Body
cg26154714	1	27,318,618	1.45E-05	0.202	0.203					
cg01884549	12	116,997,308	2.46E-07	0.202	0.163				<i>MAP1LC3B2</i>	5'UTR
cg10380328	4	188,953,126	0.000152	0.202	0.193					
cg01230067	6	31,239,063	0.000579	0.202	0.183				<i>HLA-C</i>	Body
cg13121428	14	76,446,161	1.47E-09	0.202	0.197				<i>TGFB3</i>	Body
cg02795515	17	37,381,273	0.01719	0.202	0.294				<i>STAC2</i>	Body
cg13223682	2	174,889,929	1.48E-06	0.202	0.190					
cg17244980	10	49,664,616	2.64E-05	0.202	0.192				<i>ARHGAP22</i>	Body
cg24792289	5	134,825,895	7.13E-06	0.202	0.189					
cg08115618	8	134,667,555	2.68E-08	0.202	0.165					
cg17129576	17	27,508,027	4.44E-18	0.202	0.200				<i>MYO18A</i>	TSS1500
cg10504000	11	2,402,391	8.2E-09	0.202	0.208				<i>CD81</i>	Body
cg20824939	1	205,255,082	3.59E-06	0.202	0.185					
cg22630733	11	334,833	3.84E-15	0.202	0.195					
cg01720455	2	176,948,343	0.002136	0.202	0.189				<i>EVX2</i>	1stExon
cg05951084	12	54,343,681	0.024087	0.202	0.105					
cg08619378	7	45,616,358	1.92E-10	0.202	0.188				<i>ADCY1</i>	Body

cg11877061	2	71,133,502	5.13E-08	0.202	0.196				VAX2	Body
cg26189139	8	22,560,972	0.000722	0.202	0.165					
cg08750510	5	32,537,617	2.29E-05	0.202	0.178					
cg16581347	6	114,662,739	3.79E-05	0.202	0.212					
cg16896911	19	33,895,690	8.13E-06	0.202	0.226				PEPD	Body
cg17995050	7	55,073,248	5.25E-10	0.202	0.172					
cg02295872	1	228,131,977	1.5E-12	0.202	0.203				WNT9A	Body
cg21410991	5	50,678,451	0.015312	0.202	0.146	3.96E-07	0.131		ISL1	TSS1500
cg09310092	19	35,529,201	2.61E-07	0.202	0.201				SCN1B	Body
cg15177855	11	70,517,411	0.000359	0.202	0.185				SHANK2	Body
cg04678315	12	125,212,010	1.62E-05	0.202	0.174					
cg14389122	15	74,945,851	0.002275	0.202	0.150				EDC3	Body
cg19867250	1	225,648,715	1.6E-08	0.202	0.222					
cg22674789	10	81,740,565	3.89E-06	0.202	0.162					
cg25344239	1	68,326,786	7.93E-08	0.202	0.174					
cg02854229	14	101,962,994	9.29E-09	0.202	0.209					
cg03126058	1	3,282,757	0.001059	0.202	0.225				PRDM16	Body
cg09102864	11	68,780,892	0.021823	0.202	0.266				MRGPRF	TSS200
cg12074541	2	1,286,641	0.000567	0.202	0.133				SNTG2	Body
cg21579710	7	69,238,693	7.12E-09	0.202	0.203				AUTS2	Body
cg25500444	11	86,086,101	0.000267	0.202	0.241	4.33E-08	0.148		CCDC81	1stExon
cg19676285	4	7,967,275	0.001745	0.202	0.153				ABLIM2	3'UTR
cg26822097	22	17,082,581	0.026764	0.202	0.273				psiTPTE22	TSS1500
cg02927682	1	54,844,424	1.51E-10	0.202	0.192				SSBP3	Body
cg10436410	7	114,561,988	4.94E-11	0.202	0.191				MDFIC	TSS1500
cg26837043	19	8,407,675	3.3E-10	0.202	0.165				KANK3	5'UTR
cg15744134	15	32,933,835	1.5E-11	0.202	0.154				SCG5	TSS200
cg16731811	20	21,085,004	0.001141	0.202	0.199					
cg06679694	5	72,510,954	0.021722	0.202	0.217					
cg11853788	1	179,561,347	8.17E-07	0.202	0.195				TDRD5	5'UTR
cg12924402	2	218,898,511	0.02295	0.202	0.266			Yes		
cg15964018	1	19,490,180	7.24E-07	0.202	0.204				UBR4	Body
cg04773827	20	55,201,655	0.000348	0.201	0.184					
cg16206813	5	3,122,162	0.001531	0.201	0.214					

cg26130581	17	42,449,613	0.003887	0.201	0.253				<i>ITGA2B</i>	3'UTR
cg01218206	11	116,933,977	2.7E-05	0.201	0.187				<i>SIK3</i>	Body
cg04100337	17	71,336,777	2.33E-06	0.201	0.197				<i>SDK2</i>	Body
cg17894318	3	181,441,384	6.84E-06	0.201	0.182				<i>SOX2OT</i>	Body
cg19980151	5	92,914,290	1.09E-05	0.201	0.181				<i>FLJ42709</i>	Body
cg21101465	13	28,493,404	0.004858	0.201	0.252				<i>PDX1</i>	TSS1500
cg13008315	19	42,785,474	0.00014	0.201	0.173					
cg02636004	3	119,747,339	5.79E-18	0.201	0.185				<i>GSK3B</i>	Body
cg04045544	16	27,298,091	4.2E-08	0.201	0.211					
cg07115767	7	19,146,255	0.001426	0.201	0.199					
cg22070406	18	55,019,708	0.002186	0.201	0.162				<i>ST8SIA3</i>	TSS200
cg22958315	2	39,295,686	1.35E-05	0.201	0.223				<i>SOS1</i>	Body
cg23723105	1	68,150,193	0.005815	0.201	0.126				<i>GADD45A</i>	TSS1500
cg00643651	1	245,848,375	5.42E-16	0.201	0.209				<i>KIF26B</i>	Body
cg12011977	10	122,215,735	0.002289	0.201	0.094				<i>PPAPDC1A</i>	TSS1500
cg16438686	11	75,968,191	0.003632	0.201	0.193					
cg16945312	6	1,393,028	0.03812	0.201	0.258				<i>FOXF2</i>	Body
cg25340688	5	135,416,398	0.000156	0.201	0.173				<i>MIR886</i>	TSS200
cg26424888	11	74,037,163	6.41E-12	0.201	0.187					
cg21920775	1	114,696,641	0.02391	0.201	0.184				<i>SYT6</i>	TSS200
cg04189328	14	24,505,653	4.74E-16	0.201	0.204				<i>DHRS4L1</i>	TSS200
cg24358395	4	139,580,260	3.77E-08	0.201	0.200					
cg05490591	17	55,648,137	3.48E-07	0.201	0.199				<i>MSI2</i>	Body
cg05841929	15	59,730,852	0.004153	0.201	0.131				<i>FAM81A</i>	5'UTR
cg07672051	5	149,887,787	4.5E-12	0.201	0.183				<i>NDST1</i>	5'UTR
cg12718582	8	1,312,875	1.57E-07	0.201	0.209					
cg07313334	1	144,533,861	0.000118	0.201	0.242					
cg18492126	21	22,369,802	0.001535	0.201	0.181				<i>NCAM2</i>	TSS1500
cg21786808	1	84,227,630	5.32E-09	0.201	0.182					
cg01712452	20	56,736,072	5.81E-11	0.201	0.192				<i>C20orf85</i>	3'UTR
cg09351315	17	77,775,823	6.75E-07	0.201	0.214					
cg09403666	10	23,461,493	0.000598	0.201	0.218					
cg11081272	11	78,130,236	1.48E-05	0.201	0.231				<i>GAB2</i>	TSS1500
cg14378057	6	42,788,563	2.46E-11	0.201	0.205	0.00023513	0.050		<i>KIAA0240</i>	TSS1500



cg20403938	12	54,377,457	5E-07	0.201	0.156					<i>HOXC10</i>	TSS1500
cg27302675	6	90,385,873	1.16E-07	0.201	0.223					<i>MDN1</i>	Body
cg06572160	19	50,831,901	0.003828	0.201	0.188	1.67E-08	0.087			<i>KCNC3</i>	1stExon
cg03182688	17	33,825,300	0.000368	0.201	0.203					<i>SLFN12L</i>	Body
cg09178261	1	16,482,818	0.00043	0.201	0.159					<i>EPHA2</i>	TSS1500
cg18022893	1	44,951,225	1.4E-06	0.201	0.184					<i>RNF220</i>	Body
cg19103219	10	101,287,059	0.022605	0.201	0.152						
cg23181580	11	22,454,301	0.000389	0.201	0.192						
cg03536711	1	221,509,067	0.041675	0.201	0.127					<i>LOC400804</i>	Body
cg08472583	7	65,580,288	0.001094	0.201	0.180	3.84E-12	0.139			<i>CRCP</i>	Body
cg13522244	7	116,164,762	0.028948	0.201	0.160					<i>CAV1</i>	TSS200
cg16315376	1	202,679,762	0.01233	0.201	0.173					<i>SYT2</i>	TSS1500
cg14190522	9	124,344,221	0.00233	0.201	0.198					<i>DAB2IP</i>	Body
cg05957749	1	39,875,787	0.000704	0.201	0.189					<i>KIAA0754</i>	5'UTR
cg09850980	5	36,067,127	0.000173	0.201	0.224					<i>UGT3A2</i>	TSS200
cg14793287	12	48,578,573	0.000122	0.201	0.197					<i>C12orf68</i>	3'UTR
cg07355514	16	23,420,385	4.57E-07	0.201	0.228					<i>COG7</i>	Body
cg12528056	11	60,619,955	2.71E-24	0.201	0.179					<i>GPR44</i>	3'UTR
cg13835436	11	69,809,807	5.3E-12	0.201	0.197						
cg16398581	1	59,986,591	4.69E-09	0.201	0.188					<i>FGGY</i>	Body
cg23563927	10	134,755,679	0.006342	0.201	0.247					<i>C10orf93</i>	Body
cg25218351	2	27,505,446	4.39E-09	0.201	0.187	2.49E-07	0.047	Yes		<i>TRIM54</i>	TSS200
cg06770532	7	42,214,276	7.57E-06	0.201	0.160					<i>GLI3</i>	Body
cg07083818	19	18,385,672	0.015511	0.201	0.267					<i>KIAA1683</i>	TSS1500
cg13358623	X	15,402,593	1.61E-11	0.201	0.200					<i>FIGF</i>	TSS200
cg20434856	5	16,713,588	9.66E-07	0.201	0.187					<i>MYO10</i>	Body
cg26651148	7	157,867,300	7.71E-08	0.201	0.188					<i>PTPRN2</i>	Body
cg22283925	4	188,918,218	0.002353	0.201	0.188					<i>ZFP42</i>	5'UTR
cg25006077	3	152,176,018	2.97E-09	0.201	0.210					<i>MBNL1</i>	Body
cg25312372	2	129,018,482	1.96E-07	0.201	0.161						
cg01446393	3	58,563,609	2.17E-05	0.201	0.239	0.0000607	0.095			<i>FAM107A</i>	TSS200
cg04359840	16	17,563,300	1.61E-09	0.201	0.194					<i>XYLT1</i>	Body
cg11560654	13	27,317,117	9.09E-08	0.201	0.199						
cg01959435	22	39,759,957	1.56E-09	0.201	0.222					<i>SYNGR1</i>	TSS1500

cg02856124	3	112,736,847	8.1E-09	0.201	0.201				<i>C3orf17</i>	Body
cg14254767	9	71,819,910	1.28E-07	0.201	0.219				<i>TJP2</i>	TSS200
cg22180580	6	138,867,046	3.53E-07	0.201	0.191				<i>NHSL1</i>	Body
cg25899829	11	75,046,147	2.01E-16	0.201	0.213				<i>ARRB1</i>	Body
cg00024086	7	156,814,491	0.011927	0.201	0.208					
cg04590434	16	66,369,967	6.53E-08	0.201	0.201					
cg01640606	14	61,119,891	0.000788	0.201	0.216					
cg03157182	12	132,655,797	0.000165	0.201	0.184					
cg11944757	10	31,422,942	0.022142	0.201	0.242					
cg00807586	3	38,080,790	0.04096	0.201	0.120	0.00055949	0.076		<i>DLEC1</i>	1stExon
cg08703055	1	2,232,481	7.05E-05	0.201	0.204				<i>SKI</i>	Body
cg26544742	6	27,533,825	0.030233	0.201	0.209					
cg04468543	5	77,268,331	0.003247	0.201	0.177					
cg11656547	9	72,658,747	0.005187	0.201	0.187	7.6E-18	0.160		<i>MAMDC2</i>	1stExon
cg08379987	13	31,507,139	5.8E-05	0.201	0.214				<i>C13orf26</i>	Body
cg08462030	6	167,033,966	3.96E-07	0.201	0.203				<i>RPS6KA2</i>	Body
cg09921610	4	41,259,866	0.024411	0.201	0.194				<i>UCHL1</i>	Body
cg21839338	16	10,912,331	0.013432	0.201	0.242				<i>FAM18A</i>	Body
cg04986504	11	12,031,266	0.001759	0.201	0.118				<i>DKK3</i>	TSS1500
cg20505457	14	69,388,953	0.001228	0.201	0.196				<i>ACTN1</i>	Body
cg26862316	19	40,792,613	3.1E-11	0.201	0.197				<i>AKT2</i>	TSS1500
cg02172312	16	62,069,337	0.017638	0.201	0.235				<i>CDH8</i>	5'UTR
cg14065857	2	33,436,054	4.91E-05	0.201	0.221				<i>LTBP1</i>	Body
cg18894552	14	53,478,112	3.3E-08	0.201	0.199					
cg24724689	2	11,087,224	8.53E-07	0.201	0.189					
cg09700701	11	65,816,819	0.000184	0.201	0.134				<i>GAL3ST3</i>	TSS200
cg23572944	11	60,720,130	3.41E-06	0.201	0.200				<i>SLC15A3</i>	TSS1500
cg01845111	20	31,446,967	8.55E-09	0.201	0.207				<i>EFCAB8</i>	5'UTR
cg20482760	11	78,725,125	1.94E-13	0.201	0.182				<i>ODZ4</i>	Body
cg20606255	20	36,839,442	0.002081	0.201	0.251			Yes	<i>KIAA1755</i>	3'UTR
cg09499787	10	118,900,492	0.016092	0.201	0.214					
cg24109116	7	99,725,975	3.39E-07	0.201	0.155				<i>MBLAC1</i>	3'UTR
cg01102046	17	19,801,249	5.12E-12	0.201	0.207					
cg05364567	17	5,019,761	0.020223	0.201	0.238				<i>ZNF232</i>	5'UTR

cg07142797	10	50,605,613	0.040552	0.201	0.264					
cg07546139	5	92,907,553	0.003061	0.201	0.086				<i>FLI42709</i>	TSS1500
cg23251746	14	92,047,329	0.002082	0.201	0.197				<i>CATSPERB</i>	Body
cg24430580	4	111,544,235	0.010717	0.201	0.123				<i>PITX2</i>	1stExon
cg27212234	19	36,048,757	0.033811	0.201	0.165				<i>ATP4A</i>	Body
cg00336800	19	1,450,386	0.034606	0.201	0.168				<i>APC2</i>	5'UTR
cg11576274	1	146,552,552	2.97E-07	0.201	0.200					
cg00292701	4	10,463,590	0.005472	0.201	0.192					
cg06410746	8	63,161,676	0.002031	0.201	0.110				<i>NKAIN3</i>	1stExon
cg15996459	17	184,106	0.004566	0.201	0.122				<i>RPH3AL</i>	5'UTR
cg23195547	11	8,740,646	5.05E-10	0.201	0.189				<i>ST5</i>	Body
cg13264840	7	142,494,213	0.000246	0.201	0.221					
cg20379007	12	53,271,818	1.32E-05	0.201	0.188					
cg20449659	11	32,421,752	0.010089	0.201	0.212				<i>WT1</i>	Body
cg15757019	4	149,756,665	4.57E-08	0.201	0.191					
cg00478326	15	78,978,136	7.81E-05	0.201	0.184					
cg01390950	6	34,117,273	3.47E-07	0.201	0.194					
cg11072570	13	24,734,180	2.01E-05	0.201	0.163				<i>SPATA13</i>	TSS1500
cg19448837	18	48,085,671	0.000427	0.201	0.183				<i>MAPK4</i>	TSS1500
cg24733637	19	19,050,451	1.26E-05	0.201	0.169				<i>HOMER3</i>	5'UTR
cg05337019	1	16,062,361	1.24E-11	0.201	0.201				<i>SLC25A34</i>	TSS1500
cg09423312	7	1,163,549	7.33E-08	0.201	0.200				<i>C7orf50</i>	Body
cg03475509	4	85,402,143	0.013932	0.201	0.212					
cg05749351	1	205,897,809	0.000445	0.201	0.178				<i>SLC26A9</i>	Body
cg08857729	1	67,217,826	0.001829	0.201	0.191				<i>TCTEX1D1</i>	TSS1500
cg10782206	14	76,445,988	1.74E-11	0.201	0.225				<i>TGFB3</i>	Body
cg12784175	10	103,589,988	6.06E-06	0.201	0.187				<i>KCNIP2</i>	Body
cg03683166	13	113,611,729	5.3E-09	0.201	0.190					
cg05180182	10	3,666,755	3.26E-05	0.201	0.186					
cg07933656	17	20,445,757	0.042147	0.201	0.317					
cg26707664	18	60,278,353	1.11E-05	0.201	0.163					
cg00588853	16	29,624,485	0.002092	0.201	0.127				<i>SLC7A5P1</i>	Body
cg03474687	14	104,179,160	0.000474	0.201	0.161				<i>XRCC3</i>	5'UTR
cg06683487	16	936,480	3.77E-13	0.201	0.196				<i>LMF1</i>	Body

cg09642857	12	133,026,813	1.99E-16	0.201	0.191					
cg06767187	7	2,640,127	2.05E-11	0.201	0.197				<i>IQCE</i>	Body
cg08271153	14	69,726,221	0.001379	0.201	0.146				<i>GALNTL1</i>	TSS1500
cg18471993	6	100,917,416	2.06E-06	0.201	0.206					
cg27504195	3	113,342,400	1.18E-14	0.201	0.193				<i>SIDT1</i>	Body
cg08493294	2	25,500,416	0.003304	0.201	0.229				<i>DNMT3A</i>	Body
cg09451215	6	82,459,960	0.00164	0.201	0.246				<i>FAM46A</i>	Body
cg04093225	1	166,917,158	0.000833	0.201	0.156				<i>ILDR2</i>	Body
cg10521023	1	245,411,583	0.039998	0.201	0.175				<i>KIF26B</i>	Body
cg17662774	15	89,582,414	1.24E-09	0.201	0.207					
cg22540489	X	99,930,094	2.38E-10	0.201	0.193				<i>SYTL4</i>	3'UTR
cg03806095	8	37,655,840	0.01886	0.201	0.237				<i>GPR124</i>	Body
cg03485172	13	95,655,579	0.012539	0.201	0.070					
cg04745805	17	40,427,474	0.004708	0.201	0.158	0.00867966	0.033		<i>STAT5B</i>	5'UTR
cg27547291	2	201,451,026	3.18E-06	0.201	0.186				<i>AOX1</i>	Body
cg04494873	5	72,677,287	0.034378	0.201	0.182					
cg11794956	5	92,443,321	6.32E-08	0.201	0.184					
cg01856887	6	36,812,436	1.99E-09	0.201	0.212					
cg04834436	16	55,362,754	2.72E-05	0.201	0.200				<i>IRX6</i>	Body
cg16668359	2	45,159,434	1.47E-06	0.201	0.197					
cg21823119	1	209,601,066	0.003612	0.201	0.087				<i>LOC642587</i>	TSS1500
cg02136452	16	49,872,492	9.21E-05	0.201	0.166					
cg11282156	3	63,428,840	0.00311	0.201	0.144				<i>SYNPR</i>	5'UTR
cg17219326	3	44,517,846	0.015124	0.201	0.239				<i>ZNF445</i>	5'UTR
cg25938806	2	177,028,162	0.007604	0.201	0.225				<i>HOXD3</i>	TSS1500
cg01113339	7	1,660,895	0.009416	0.201	0.253					
cg02230811	14	56,967,892	0.000448	0.201	0.194					
cg08254359	12	54,398,518	0.003925	0.201	0.225					
cg25383479	6	108,491,702	0.014767	0.201	0.244				<i>NR2E1</i>	Body
cg00615241	19	839,689	0.001943	0.201	0.256				<i>PRTN3</i>	TSS1500
cg14283328	11	66,823,587	9.82E-07	0.201	0.158				<i>RHOD</i>	TSS1500
cg23418968	2	9,816,010	4.66E-07	0.201	0.205					
cg21867733	12	124,985,584	9.25E-06	0.201	0.217				<i>NCOR2</i>	5'UTR
cg06135285	17	19,675,785	0.00454	0.201	0.153				<i>ULK2</i>	3'UTR

cg17692403	20	42,964,959	1.28E-06	0.201	0.204	5.63E-25	0.175		<i>R3HDML</i>	TSS1500
cg09884480	11	1,967,966	3.85E-10	0.201	0.199				<i>MRPL23</i>	TSS1500
cg10205038	14	93,052,501	7.87E-06	0.201	0.177				<i>RIN3</i>	Body
cg11599864	6	38,145,464	2.67E-18	0.201	0.187				<i>BTBD9</i>	Body
cg13860928	1	209,915,875	2.6E-11	0.201	0.187					
cg05281894	1	13,910,698	0.049988	0.201	0.386				<i>PDPN</i>	TSS1500
cg05708114	9	34,624,587	0.00021	0.201	0.231				<i>ARID3C</i>	Body
cg08045932	20	61,659,980	0.047051	0.201	0.220					
cg16623710	22	45,073,049	1.19E-05	0.201	0.222				<i>PRR5</i>	5'UTR
cg18282388	11	129,716,470	0.003314	0.201	0.123				<i>TMEM45B</i>	5'UTR
cg22761176	2	173,539,542	0.000832	0.201	0.141					
cg07077013	2	177,025,198	0.001602	0.201	0.164					
cg10625931	12	57,632,417	0.000147	0.201	0.209				<i>NDUFA4L2</i>	5'UTR
cg02268171	13	24,477,610	0.00039	0.201	0.163					
cg06704518	8	11,565,530	0.026352	0.201	0.253				<i>GATA4</i>	5'UTR
cg22920300	3	181,441,364	0.001383	0.201	0.201				<i>SOX2OT</i>	Body
cg02805028	16	27,899,239	0.000137	0.201	0.167	1.51E-14	0.124		<i>GSG1L</i>	Body
cg19247475	5	140,789,745	5.47E-06	0.201	0.212				<i>PCDHGA4</i>	Body
cg21667069	11	67,778,641	1.13E-10	0.201	0.198				<i>ALDH3B1</i>	5'UTR
cg17200920	7	127,808,798	0.039011	0.201	0.192					
cg01511557	1	50,514,319	2.62E-05	0.201	0.197				<i>ELAVL4</i>	Body
cg05746227	5	54,516,830	0.00145	0.201	0.196					
cg02721065	8	120,932,635	2.67E-10	0.201	0.167				<i>DEPDC6</i>	Body
cg08523865	2	124,782,253	0.008709	0.201	0.168				<i>CNTNAP5</i>	TSS1500
cg09768257	8	11,628,346	2.16E-07	0.201	0.187				<i>NEIL2</i>	5'UTR
cg10425245	5	168,454,709	0.006954	0.201	0.128				<i>SLIT3</i>	Body
cg23511157	7	123,241,752	0.002396	0.201	0.210					
cg23719713	6	10,586,167	1.17E-11	0.201	0.192				<i>GCNT2</i>	Body
cg00346985	1	46,940,516	9.51E-08	0.201	0.208					
cg08008352	16	27,322,356	3.91E-07	0.201	0.183					
cg12623364	4	109,038,130	6.85E-08	0.201	0.187				<i>LEF1</i>	Body
cg14394264	11	46,121,221	2.61E-06	0.201	0.210				<i>PHF21A</i>	5'UTR
cg16922753	8	1,113,291	5.18E-06	0.201	0.203					
cg25410785	5	3,597,760	0.005182	0.201	0.224				<i>IRX1</i>	Body

cg26177041	4	114,389,632	4.47E-07	0.201	0.188				<i>CAMK2D</i>	Body
cg02139871	2	127,783,370	0.040513	0.201	0.158					
cg03201044	20	55,203,291	0.000286	0.201	0.166				<i>TFAP2C</i>	TSS1500
cg07547765	17	46,685,448	4.88E-08	0.201	0.178				<i>HOXB7</i>	Body
cg08891110	15	96,952,425	0.007229	0.201	0.193					
cg22216643	17	74,704,158	1.98E-12	0.201	0.219				<i>MXRA7</i>	Body
cg25596082	10	43,626,561	0.000428	0.201	0.208					
cg08027484	6	10,556,523	0.021909	0.201	0.148				<i>GCNT2</i>	5'UTR
cg02416510	8	54,791,763	5.51E-05	0.201	0.197				<i>RGS20</i>	Body
cg20138186	10	102,642,655	2.46E-09	0.201	0.199					
cg10053507	1	15,307,522	2.45E-08	0.201	0.191				<i>KIAA1026</i>	Body
cg10989634	1	111,813,745	4.11E-07	0.201	0.187					
cg05759150	10	124,906,565	0.000347	0.201	0.099				<i>HMX2</i>	TSS1500
cg12414301	5	137,224,213	0.041236	0.201	0.127				<i>PKD2L2</i>	TSS1500
cg13372879	2	172,948,073	0.029881	0.201	0.135					
cg15721145	20	61,867,205	0.013029	0.201	0.103				<i>BIRC7</i>	TSS200
cg15895690	14	60,982,635	4.84E-05	0.201	0.154					
cg03638905	5	72,595,625	0.000167	0.201	0.161					
cg10431747	1	34,642,383	0.003921	0.201	0.142				<i>C1orf94</i>	5'UTR
cg05913684	19	710,906	6.01E-22	0.201	0.217				<i>PALM</i>	Body
cg14334338	14	75,115,531	0.007659	0.201	0.166					
cg02923300	X	68,759,322	9.88E-14	0.201	0.194					
cg13420848	1	197,888,894	0.004593	0.201	0.258				<i>LHX9</i>	Body
cg18318006	10	97,169,147	0.000233	0.201	0.231				<i>SORBS1</i>	Body
cg24683041	14	100,413,076	0.000623	0.201	0.190					
cg06428163	13	96,204,856	0.027554	0.201	0.238				<i>CLDN10</i>	TSS200
cg07314530	7	162,691	2.3E-10	0.201	0.201					
cg09439204	12	54,090,464	0.000238	0.201	0.122					
cg19644991	5	122,482,336	3.98E-14	0.201	0.169				<i>PRDM6</i>	Body
cg21837192	12	54,398,765	0.029438	0.201	0.162					
cg01266287	16	66,959,833	1.28E-08	0.201	0.196				<i>RRAD</i>	TSS1500
cg03199745	12	54,454,445	1.7E-10	0.201	0.185				<i>FLJ12825</i>	Body
cg15462879	X	133,930,054	0.000117	0.201	0.206				<i>FAM122B</i>	Body
cg20491406	1	201,693,818	3.51E-12	0.201	0.196				<i>NAV1</i>	Body

cg20841748	17	40,838,078	1.43E-05	0.201	0.211				<i>CNTNAP1</i>	Body
cg08753468	7	71,911,541	9.35E-08	0.200	0.190					
cg11539695	6	32,287,314	9.08E-10	0.200	0.182				<i>C6orf10</i>	Body
cg14526039	3	49,210,221	3.13E-12	0.200	0.199				<i>KLHDC8B</i>	Body
cg21476940	1	160,854,954	0.00367	0.200	0.152	1.91E-13	0.145		<i>ITLN1</i>	5'UTR
cg23521507	14	52,519,112	0.010591	0.200	0.206				<i>NID2</i>	Body
cg26363759	1	9,377,984	7.67E-25	0.200	0.206				<i>SPSB1</i>	5'UTR
cg00509207	12	31,078,979	7.14E-11	0.200	0.200				<i>TSPAN11</i>	TSS1500
cg02571636	4	188,953,906	0.003759	0.200	0.230					
cg16324409	4	3,416,370	2.55E-18	0.200	0.196				<i>RGS12</i>	Body
cg27346356	19	19,648,914	0.049018	0.200	0.007				<i>CILP2</i>	TSS200
cg02539682	12	54,132,444	0.013791	0.200	0.206					
cg09214412	15	93,614,970	1.74E-09	0.200	0.189				<i>RGMA</i>	Body
cg15505412	5	3,596,996	0.032389	0.200	0.257				<i>IRX1</i>	Body
cg06991732	8	94,934,036	0.035467	0.200	0.246				<i>PDP1</i>	5'UTR
cg09578028	2	176,987,411	0.001326	0.200	0.174				<i>HOXD9</i>	TSS200
cg17573301	5	72,732,265	0.015127	0.200	0.187					
cg23373640	14	65,696,480	0.000942	0.200	0.188					
cg23689615	15	74,228,839	0.007839	0.200	0.168				<i>LOXL1</i>	Body
cg14519952	12	124,491,432	0.000592	0.200	0.179				<i>ZNF664</i>	5'UTR
cg15230985	17	78,753,887	3.02E-13	0.200	0.186				<i>RPTOR</i>	Body
cg16921727	7	51,539,678	0.002801	0.200	0.183					
cg26817546	5	135,538,704	5.44E-09	0.200	0.194					
cg26869615	11	20,044,639	0.000614	0.200	0.145				<i>NAV2</i>	Body
cg27287745	14	61,104,967	0.001736	0.200	0.159					
cg04875821	15	68,253,897	8.35E-11	0.200	0.191					
cg05543030	2	45,005,364	1.72E-07	0.200	0.192					
cg07264048	6	10,556,326	0.018	0.200	0.131				<i>GCNT2</i>	5'UTR
cg09258689	12	132,853,954	0.000246	0.200	0.243				<i>GALNT9</i>	Body
cg24864203	5	61,612,144	1.88E-13	0.200	0.197				<i>KIF2A</i>	Body
cg08841257	8	10,191,002	5.24E-09	0.200	0.164				<i>MSRA</i>	Body
cg16747109	4	111,544,463	0.037687	0.200	0.155				<i>PITX2</i>	TSS1500
cg20271511	22	17,566,989	0.000185	0.200	0.189				<i>IL17RA</i>	Body
cg00512872	7	6,268,584	8.39E-07	0.200	0.181				<i>CYTH3</i>	Body

cg01462856	13	108,922,745	1.54E-05	0.200	0.164				<i>TNFSF13B</i>	Body
cg07600193	5	1,228,443	0.014423	0.200	0.154				<i>SLC6A18</i>	Body
cg11554566	21	47,398,596	0.015767	0.200	0.226					
cg26805263	13	24,212,312	0.000613	0.200	0.182				<i>TNFRSF19</i>	Body
cg01478204	11	44,339,330	0.005927	0.200	0.276					
cg03642555	5	34,502,788	2.79E-07	0.200	0.228					
cg14376467	4	86,851,411	0.00056	0.200	0.211				<i>ARHGAP24</i>	Body
cg15201175	5	115,889,873	2.51E-07	0.200	0.201			Yes	<i>SEMA6A</i>	5'UTR
cg24871089	17	184,131	0.022929	0.200	0.102				<i>RPH3AL</i>	5'UTR
cg01593673	17	46,648,014	0.000309	0.200	0.206				<i>HOXB3</i>	5'UTR
cg13584882	10	74,836,656	0.010374	0.200	0.210				<i>P4HA1</i>	5'UTR
cg13655341	17	79,859,826	0.010816	0.200	0.142				<i>NPB</i>	TSS1500
cg05356496	7	107,300,998	0.000199	0.200	0.154				<i>SLC26A4</i>	TSS200
cg26924825	16	67,977,865	2.86E-10	0.200	0.201	7.75E-11	0.112		<i>SLC12A4</i>	3'UTR
cg02086801	5	76,928,406	0.001566	0.200	0.181				<i>OTP</i>	Body
cg24394819	17	78,725,049	7.95E-05	0.200	0.188				<i>RPTOR</i>	Body
cg00631329	6	26,305,371	0.005329	0.200	0.239					
cg07709606	2	17,699,243	4.73E-06	0.200	0.218				<i>RAD51AP2</i>	1stExon
cg17472111	11	75,287,721	1.25E-07	0.200	0.155					
cg06594404	4	380,396	0.001819	0.200	0.230					
cg12261451	13	22,243,030	5.95E-06	0.200	0.187					
cg16127759	1	110,613,596	2.68E-06	0.200	0.175				<i>ALX3</i>	TSS1500
cg00561634	16	54,085,398	5.42E-07	0.200	0.192				<i>FTO</i>	Body
cg16263367	19	53,935,096	9.29E-07	0.200	0.209				<i>ZNF761</i>	TSS200
cg04959790	11	47,278,977	0.002126	0.200	0.140				<i>NR1H3</i>	5'UTR
cg19801921	1	63,784,864	0.035692	0.200	0.266					
cg24067150	6	30,956,397	0.001496	0.200	0.209				<i>MUC21</i>	3'UTR
cg25507767	7	138,483,143	2.21E-05	0.200	0.175				<i>TMEM213</i>	Body
cg12588880	2	8,597,159	0.024588	0.200	0.196					
cg01803928	13	50,701,619	0.001693	0.200	0.177					
cg02489908	17	6,946,086	0.000126	0.200	0.204				<i>SLC16A11</i>	Body
cg04714041	19	35,068,710	0.015316	0.200	0.226				<i>LOC643719</i>	TSS200
cg09119776	10	104,387,263	1.72E-06	0.200	0.210				<i>SUFU</i>	Body
cg19570154	2	5,513,337	0.013069	0.200	0.196					



cg02241397	1	47,698,081	0.015585	0.200	0.270					
cg03711485	10	101,296,036	0.0007	0.200	0.180				<i>NKX2-3</i>	3'UTR
cg16609021	7	157,754,648	0.021393	0.200	0.127				<i>PTPRN2</i>	Body
cg16847760	8	28,912,915	2.06E-07	0.200	0.200					
cg08084806	6	28,574,524	0.011328	0.200	0.285					
cg03946955	1	156,096,301	0.00154	0.200	0.250				<i>LMNA</i>	Body
cg07721547	22	42,475,119	8.62E-07	0.200	0.178				<i>C22orf32</i>	TSS1500
cg11991058	2	168,150,602	0.028567	0.200	0.203					
cg16087826	5	131,654,574	5E-07	0.200	0.210				<i>SLC22A4</i>	Body
cg17075808	2	225,774,214	0.000809	0.200	0.143				<i>DOCK10</i>	Body
cg02331883	5	140,798,095	0.006128	0.200	0.168				<i>PCDHGA4</i>	Body
cg03742238	4	41,748,676	0.027904	0.200	0.267				<i>PHOX2B</i>	Body
cg25361506	1	201,426,290	5.8E-09	0.200	0.179					
cg05134015	14	36,973,365	0.012343	0.200	0.240				<i>SFTA3</i>	Body
cg17851496	22	46,368,649	2.5E-05	0.200	0.189				<i>WNT7B</i>	Body
cg20890210	8	73,450,181	0.001879	0.200	0.201	1.2E-26	0.207		<i>KCNB2</i>	5'UTR
cg24129390	13	33,780,205	0.006069	0.200	0.149				<i>STARD13</i>	TSS200
cg07962934	8	144,809,621	2.49E-07	0.200	0.167				<i>FAM83H</i>	Body
cg09412707	4	26,085,653	0.015767	0.200	0.273					
cg01799681	6	11,043,368	2.33E-05	0.200	0.199				<i>ELOVL2</i>	Body
cg18888464	14	76,597,657	0.020463	0.200	0.186					
cg26083180	6	99,272,089	0.042354	0.200	0.270					
cg00025643	1	37,904,694	1.65E-08	0.200	0.181					
cg05268769	14	75,733,932	0.021883	0.200	0.231					
cg08846079	1	110,420,044	1.28E-06	0.200	0.185					
cg10646968	10	111,728,983	1.29E-15	0.200	0.183					
cg18449739	12	113,495,701	5.84E-08	0.200	0.201				<i>DTX1</i>	1stExon
cg05572456	2	172,961,504	0.013665	0.200	0.116					
cg07480640	3	64,211,328	1.06E-05	0.200	0.187				<i>PRICKLE2</i>	TSS200
cg08637438	17	70,113,856	0.015886	0.200	0.223					
cg20907051	1	47,999,516	1.88E-06	0.200	0.180					
cg11491247	1	155,035,530	0.009097	0.200	0.115				<i>EFNA4</i>	TSS1500
cg11510131	12	120,679,618	1.91E-10	0.200	0.201				<i>PXN</i>	5'UTR
cg12150256	3	50,359,849	7.24E-08	0.200	0.212				<i>HYAL2</i>	5'UTR

cg05928806	7	127,991,614	7.86E-05	0.200	0.203				<i>PRRT4</i>	Body
cg18181703	17	76,354,621	1.98E-07	0.200	0.219				<i>SOCS3</i>	Body
cg03465513	13	28,550,046	1.03E-05	0.200	0.159					
cg05461270	6	28,574,608	0.030618	0.200	0.213					
cg21982455	5	2,757,976	0.014275	0.200	0.210					
cg04729004	7	128,550,932	2.73E-19	0.200	0.190				<i>KCP</i>	TSS200
cg22770911	10	8,101,307	8.67E-08	0.200	0.172				<i>GATA3</i>	Body
cg15394142	12	66,275,988	0.04514	0.200	0.264				<i>HMGGA2</i>	Body
cg02627991	7	74,032,045	0.048997	0.200	0.169					
cg08757574	X	70,273,027	4.08E-09	0.200	0.217					
cg19725377	14	69,535,979	8.31E-08	0.200	0.208				<i>DCAF5</i>	Body
cg05813673	4	53,862,521	3.47E-07	0.200	0.198				<i>SCFD2</i>	Body
cg18499083	14	91,637,035	0.000825	0.200	0.237				<i>C14orf159</i>	Body
cg21723861	17	39,686,628	7.98E-06	0.200	0.160					
cg24382070	8	22,013,694	4.19E-08	0.200	0.179				<i>LGI3</i>	Body
cg24841318	17	27,038,686	0.007586	0.200	0.192				<i>PROCA1</i>	5'UTR
cg26262055	4	25,090,618	0.001678	0.200	0.160					
cg09764807	10	43,820,676	4E-09	0.200	0.200					
cg12972064	3	171,887,393	9.69E-05	0.200	0.246				<i>FNDC3B</i>	Body
cg13942922	2	238,383,665	0.000383	0.200	0.153					
cg09950256	2	64,836,449	0.000224	0.200	0.219					
cg14377922	2	23,840,537	3.27E-05	0.200	0.191				<i>KLHL29</i>	Body
cg25109019	3	181,441,345	1.56E-05	0.200	0.190				<i>SOX2OT</i>	Body
cg15289427	6	24,911,001	0.007506	0.200	0.144				<i>FAM65B</i>	5'UTR
cg16811108	17	7,905,840	5.4E-06	0.200	0.191				<i>GUCY2D</i>	TSS200
cg23601468	22	33,200,307	0.002582	0.200	0.229				<i>SYN3</i>	Body
cg25656762	5	60,927,728	2.26E-07	0.200	0.174					
cg27314002	3	46,506,519	0.001432	0.200	0.166				<i>LTF</i>	TSS200
cg11515095	11	132,949,437	0.014619	-0.200	-0.133				<i>OPCML</i>	Body
cg18220087	11	134,783,448	0.002179	-0.200	-0.136					
cg04558386	6	13,815,568	0.000299	-0.200	-0.257				<i>CCDC90A</i>	TSS1500
cg05261272	6	137,494,924	0.000184	-0.200	-0.167				<i>IL22RA2</i>	TSS200
cg14199090	1	65,990,564	0.001862	-0.200	-0.228				<i>LEPR</i>	5'UTR
cg20153240	1	2,016,789	2.71E-07	-0.200	-0.189				<i>PRKCZ</i>	Body

cg21760363	3	167,835,467	0.002459	-0.200	-0.143				
cg09418852	15	46,636,037	0.002418	-0.200	-0.228				
cg05611565	10	130,829,629	0.000299	-0.200	-0.167				
cg15777553	12	34,493,996	0.002457	-0.200	-0.223				
cg16292181	6	72,254,462	0.003076	-0.200	-0.116				
cg20156165	1	118,322,537	0.027641	-0.200	-0.195				
cg24156149	2	197,033,988	0.003658	-0.200	-0.195			<i>STK17B</i>	5'UTR
cg00816406	1	240,286,626	1.13E-05	-0.200	-0.199			<i>FMN2</i>	Body
cg03994184	7	1,714,969	0.006378	-0.200	-0.147				
cg12505085	10	75,913,585	7.46E-06	-0.200	-0.187			<i>ADK</i>	Body
cg22942908	1	110,578,259	1.05E-05	-0.200	-0.153			<i>FAM40A</i>	Body
cg23943272	17	45,851,891	0.004817	-0.200	-0.139				
cg04518304	14	76,600,760	0.004312	-0.200	-0.158				
cg25741597	3	147,722,622	3.95E-08	-0.200	-0.205				
cg02958014	12	127,206,602	0.019358	-0.200	-0.216				
cg03033543	20	31,870,884	0.000669	-0.200	-0.188			<i>C20orf114</i>	TSS200
cg08973950	7	1,083,309	2.8E-06	-0.200	-0.199			<i>C7orf50</i>	Body
cg18092977	14	101,190,167	0.023146	-0.200	-0.147				
cg18280251	7	48,237,515	0.029214	-0.200	-0.141			<i>ABCA13</i>	Body
cg05068636	15	44,887,664	4.27E-06	-0.200	-0.175			<i>SPG11</i>	Body
cg13921444	4	186,733,024	5.02E-09	-0.200	-0.199			<i>SORBS2</i>	5'UTR
cg16010911	17	72,581,014	0.000715	-0.200	-0.249			<i>C17orf77</i>	TSS200
cg16309727	8	117,963,055	2.74E-06	-0.200	-0.209				
cg23561148	18	33,688,575	1.28E-06	-0.200	-0.180			<i>SLC39A6</i>	3'UTR
cg13635710	13	56,216,872	0.003766	-0.200	-0.133				
cg27377632	19	677,895	8.61E-08	-0.200	-0.171			<i>FSTL3</i>	Body
cg00615010	X	103,809,062	0.019388	-0.200	-0.183				
cg02148324	7	150,925,493	3.39E-12	-0.200	-0.175			<i>ABCF2</i>	TSS1500
cg03540912	16	71,792,711	0.001669	-0.200	-0.175			<i>SNORD71</i>	TSS1500
cg19787650	8	130,998,171	4.04E-06	-0.200	-0.220				
cg10236631	14	36,899,948	0.032257	-0.200	-0.059				
cg20206277	21	43,098,901	6.05E-06	-0.200	-0.196			<i>NCRNA00111</i>	TSS1500
cg03878567	6	70,952,001	5.64E-06	-0.200	-0.197			<i>COL9A1</i>	Body
cg10948284	8	143,882,645	0.027279	-0.200	-0.080				

cg27075917	17	38,596,324	6.64E-06	-0.200	-0.190					
cg21474062	3	141,087,363	9.7E-07	-0.200	-0.180				ZBTB38	5'UTR
cg00092443	20	46,578,370	0.011825	-0.200	-0.168					
cg04231636	6	18,186,411	9.36E-08	-0.200	-0.184				KDM1B	Body
cg10887810	1	119,442,124	1.97E-07	-0.200	-0.188				TBX15	Body
cg20287514	1	25,869,837	0.000303	-0.200	-0.167				LDLRAP1	TSS1500
cg11830876	17	78,006,238	0.000483	-0.200	-0.168				TBC1D16	5'UTR
cg15646123	6	20,954,499	0.00051	-0.200	-0.152				CDKAL1	Body
cg04225760	14	96,152,464	0.028178	-0.200	-0.048				TCL1B	TSS1500
cg23091067	X	118,104,340	0.003457	-0.200	-0.158					
cg17738861	5	32,233,621	4.76E-06	-0.200	-0.174				MTMR12	Body
cg18789624	7	30,516,742	3.47E-05	-0.200	-0.210				NOD1	5'UTR
cg09857577	7	50,136,102	7.74E-05	-0.200	-0.176				C7orf72	1stExon
cg05733285	20	44,168,184	0.000734	-0.200	-0.229				WFDC6	TSS200
cg06970472	4	40,910,981	3.29E-07	-0.200	-0.139				APBB2	Body
cg08217234	19	4,042,688	3.22E-08	-0.200	-0.193					
cg16016034	1	205,579,533	3.73E-08	-0.200	-0.203					
cg15959080	3	13,939,366	0.029894	-0.200	-0.097					
cg03503295	5	13,944,491	0.000526	-0.200	-0.207	0.0105252	-0.059		DNAH5	1stExon
cg03741458	2	200,468,445	0.020822	-0.200	-0.189					
cg04431935	16	1,413,516	1.44E-06	-0.200	-0.202				UNKL	3'UTR
cg07652628	12	53,343,514	1.75E-07	-0.200	-0.198				KRT18	Body
cg02468966	20	56,287,198	0.005115	-0.201	-0.218				PMEPA1	TSS1500
cg03840511	15	64,649,139	0.001242	-0.201	-0.203				CSNK1G1	TSS1500
cg12113251	12	58,176,230	0.003784	-0.201	-0.130				FAM119B	3'UTR
cg24720672	15	57,599,126	8.26E-10	-0.201	-0.215				LOC283663	Body
cg08719289	1	41,328,378	3.83E-13	-0.201	-0.198				CITED4	TSS1500
cg11042505	2	15,950,244	0.00045	-0.201	-0.175					
cg15013761	17	25,982,249	1.61E-05	-0.201	-0.128					
cg21691717	1	153,321,907	0.009216	-0.201	-0.193				PGLYRP4	TSS1500
cg13578134	15	75,081,572	9.84E-05	-0.201	-0.227				CSK	5'UTR
cg01635303	12	34,511,504	0.007773	-0.201	-0.203					
cg22603037	1	152,087,267	0.000576	-0.201	-0.167				TCHH	TSS1500
cg03109316	3	113,957,903	0.038008	-0.201	-0.179	1.7E-08	-0.146		ZNF80	TSS1500

cg11936341	6	1,604,140	2.74E-05	-0.201	-0.198					
cg02938964	17	17,120,279	0.011392	-0.201	-0.108				<i>FLCN</i>	Body
cg04522792	8	122,543,204	9.32E-06	-0.201	-0.207					
cg03726785	20	1,532,543	0.049867	-0.201	-0.120				<i>SIRPD</i>	Body
cg19741359	2	73,429,176	0.037805	-0.201	-0.168				<i>NOTO</i>	TSS1500
cg04019148	13	56,226,793	0.002035	-0.201	-0.154					
cg06777202	13	65,532,878	0.040705	-0.201	-0.154					
cg22738289	10	42,859,004	0.041339	-0.201	-0.167				<i>LOC441666</i>	Body
cg22405653	21	32,128,800	0.006858	-0.201	-0.168				<i>KRTAP21-1</i>	TSS1500
cg02657245	16	5,976,578	0.019504	-0.201	-0.128					
cg07478467	8	91,712,588	0.005339	-0.201	-0.219					
cg16899306	6	32,732,585	0.022882	-0.201	-0.113	0.01193822	-0.090	Yes	<i>HLA-DQB2</i>	TSS1500
cg05224524	4	176,924,985	0.000681	-0.201	-0.140				<i>GPM6A</i>	TSS1500
cg18146398	3	46,251,215	4.51E-07	-0.201	-0.182				<i>CCR1</i>	TSS1500
cg02120470	1	67,267,129	7.28E-05	-0.201	-0.187				<i>INSL5</i>	TSS200
cg06631531	4	5,382,335	0.03841	-0.201	-0.088				<i>STK32B</i>	Body
cg10262744	3	12,599,968	7.65E-06	-0.201	-0.212				<i>MKRN2</i>	Body
cg16148956	8	54,140,771	8.02E-06	-0.201	-0.223				<i>OPRK1</i>	3'UTR
cg24586528	13	58,299,073	0.000621	-0.201	-0.125				<i>PCDH17</i>	Body
cg04239798	1	159,236,068	0.016047	-0.201	-0.127					
cg06817539	4	166,131,638	0.000467	-0.201	-0.187				<i>KLHL2</i>	Body
cg17334970	6	33,218,094	1.2E-07	-0.201	-0.207				<i>VPS52</i>	3'UTR
cg04010817	16	62,273,362	0.032705	-0.201	-0.056					
cg07813628	2	88,587,857	0.000505	-0.201	-0.138					
cg20490031	18	61,143,926	0.003268	-0.201	-0.168				<i>SERPINB5</i>	TSS1500
cg00500626	1	5,544,470	0.035045	-0.201	-0.082					
cg04023526	11	76,371,932	5.56E-08	-0.201	-0.176				<i>LRR32</i>	Body
cg08572278	4	62,467,955	0.040257	-0.201	-0.105				<i>LPHN3</i>	Body
cg21013206	11	113,347,208	0.004148	-0.201	-0.208				<i>DRD2</i>	TSS1500
cg05587926	11	122,387,899	0.012507	-0.201	-0.200					
cg20479063	4	10,016,908	1.42E-07	-0.201	-0.194				<i>SLC2A9</i>	Body
cg01477861	4	77,609,841	0.000995	-0.201	-0.229				<i>SHROOM3</i>	Body
cg23822644	7	27,777,487	0.002944	-0.201	-0.219					
cg25191332	7	112,062,419	0.000185	-0.201	-0.173				<i>IFRD1</i>	TSS1500

cg10115203	1	7,121,245	0.029512	-0.201	-0.332				<i>CAMTA1</i>	Body
cg24532610	12	48,961,603	0.043969	-0.201	-0.119				<i>LALBA</i>	3'UTR
cg00331032	22	38,339,972	0.001813	-0.201	-0.279				<i>C22orf23</i>	3'UTR
cg02981092	3	57,543,499	1.57E-09	-0.201	-0.201				<i>PDE12</i>	Body
cg17658568	11	122,033,987	0.018087	-0.201	-0.168				<i>LOC399959</i>	Body
cg18405691	11	55,322,753	0.018364	-0.201	-0.206				<i>OR4C15</i>	1stExon
cg25143359	1	245,533,949	0.03397	-0.201	-0.107				<i>KIF26B</i>	Body
cg21770322	7	97,807,741	9.89E-05	-0.201	-0.190				<i>LMTK2</i>	Body
cg04572540	6	30,908,739	0.008472	-0.201	-0.059				<i>DPCR1</i>	TSS200
cg11201447	8	128,808,063	1.62E-05	-0.201	-0.185				<i>MIR1204</i>	TSS200
cg16204420	5	44,332,757	1.01E-09	-0.201	-0.194				<i>FGF10</i>	Body
cg09241295	3	192,560,263	0.015668	-0.201	-0.153				<i>C3orf59</i>	Body
cg14978994	1	1,978,115	1.14E-11	-0.201	-0.166					
cg15997518	1	81,814,874	1.07E-08	-0.201	-0.195					
cg19403586	8	80,938,785	5.1E-06	-0.201	-0.161				<i>MRPS28</i>	Body
cg27365103	20	1,578,550	0.01027	-0.201	-0.169				<i>SIRPB1</i>	Body
cg04511463	11	43,589,582	0.037474	-0.201	-0.125					
cg04577162	7	73,667,397	0.008933	-0.201	-0.089				<i>RFC2</i>	Body
cg03609034	7	101,680,927	0.002077	-0.201	-0.164				<i>CUX1</i>	Body
cg04267605	4	52,859,928	0.003029	-0.201	-0.233				<i>LRRC66</i>	3'UTR
cg11580026	3	44,730,244	1.26E-08	-0.201	-0.193					
cg11441533	12	64,295,363	0.00358	-0.201	-0.119				<i>SRGAP1</i>	Body
cg25814149	6	169,420,648	7.9E-05	-0.201	-0.126					
cg19928703	13	30,143,971	7.23E-06	-0.201	-0.194				<i>SLC7A1</i>	5'UTR
cg20079335	X	151,883,293	0.007296	-0.201	-0.148				<i>MAGEA2</i>	5'UTR
cg05088605	17	79,987,813	0.006409	-0.201	-0.131				<i>LRRC45</i>	Body
cg14643415	3	167,293,056	0.048801	-0.201	-0.130				<i>WDR49</i>	Body
cg23764008	11	61,344,823	0.00208	-0.201	-0.164				<i>SYT7</i>	Body
cg14327359	2	47,419,263	5.21E-11	-0.201	-0.196					
cg02082650	X	25,022,003	4.23E-08	-0.201	-0.192				<i>ARX</i>	3'UTR
cg02490626	2	234,653,891	0.023613	-0.201	-0.201				<i>UGT1A10</i>	Body
cg03531326	19	39,443,344	2.56E-09	-0.201	-0.202				<i>FBXO17</i>	5'UTR
cg05683808	7	157,133,186	2.74E-07	-0.201	-0.190				<i>DNAJB6</i>	5'UTR
cg08250055	6	32,052,736	0.033472	-0.201	-0.043				<i>TNXB</i>	Body

cg14255981	12	105,414,154	4.95E-05	-0.201	-0.211				<i>ALDH1L2</i>	Body
cg18566313	4	186,733,428	9.18E-10	-0.201	-0.197				<i>SORBS2</i>	TSS200
cg08844169	3	119,180,915	0.001125	-0.201	-0.168				<i>TMEM39A</i>	Body
cg18552413	1	159,174,610	0.001926	-0.201	-0.215	7.78E-23	-0.161		<i>DARC</i>	TSS1500
cg20667778	15	53,943,590	0.033348	-0.201	-0.146				<i>WDR72</i>	Body
cg20668718	5	146,991,927	0.000145	-0.201	-0.239				<i>JAKMIP2</i>	Body
cg01919999	5	180,668,568	2.37E-08	-0.201	-0.171				<i>GNB2L1</i>	Body
cg06884352	8	122,808,923	1.13E-05	-0.201	-0.228					
cg19313311	7	74,058,031	7.1E-12	-0.201	-0.223					
cg24711070	11	118,842,126	0.022482	-0.201	-0.064				<i>FOXR1</i>	TSS1500
cg11506843	8	7,153,933	0.005946	-0.201	-0.222				<i>FAM90A20</i>	Body
cg13353152	1	158,465,963	7.01E-07	-0.201	-0.208					
cg10071848	14	74,770,110	0.000002	-0.201	-0.172				<i>ABCD4</i>	TSS1500
cg16471362	20	44,170,643	0.043162	-0.201	-0.081				<i>SPINLW1</i>	3'UTR
cg14972228	19	38,570,495	0.003283	-0.201	-0.217				<i>SIPA1L3</i>	5'UTR
cg00033703	15	63,566,255	3.53E-05	-0.201	-0.207					
cg18115481	14	106,173,722	0.013894	-0.201	-0.108					
cg11358713	7	41,188,092	7.86E-05	-0.201	-0.171					
cg21211039	22	45,555,611	7.14E-09	-0.201	-0.184					
cg22636631	5	79,334,767	5.1E-07	-0.201	-0.173				<i>THBS4</i>	Body
cg13425422	2	167,168,604	0.035504	-0.201	-0.103				<i>SCN9A</i>	5'UTR
cg21977507	17	12,145,856	3.77E-08	-0.201	-0.194					
cg14619949	5	76,116,169	0.016368	-0.201	-0.199				<i>F2RL1</i>	Body
cg21188409	3	180,466,040	2.12E-08	-0.201	-0.189					
cg18195238	8	64,681,840	0.035999	-0.201	-0.141					
cg22008551	19	46,452,989	5.17E-07	-0.201	-0.180				<i>NOVA2</i>	Body
cg00230837	5	9,714,909	0.032557	-0.201	-0.105				<i>LOC285692</i>	Body
cg02297967	8	57,473,034	0.00093	-0.201	-0.228					
cg09514545	19	54,200,652	3.08E-08	-0.201	-0.185				<i>MIR525</i>	TSS200
cg03964208	10	132,461,229	0.015167	-0.201	-0.093					
cg08791424	2	208,795,653	6.95E-06	-0.201	-0.199				<i>PLEKHM3</i>	Body
cg12132396	14	26,676,915	0.026779	-0.201	-0.095					
cg20131968	17	61,850,012	7.74E-11	-0.202	-0.194	0.0000896	-0.061		<i>CCDC47</i>	5'UTR
cg24032710	14	104,770,459	0.01468	-0.202	-0.147					

cg27605977	5	152,309,662	0.027726	-0.202	-0.190					
cg14640670	5	139,494,937	6.05E-17	-0.202	-0.192				PURA	3'UTR
cg13470969	1	152,490,870	0.038581	-0.202	-0.216					
cg19373760	1	247,679,988	1.7E-07	-0.202	-0.183					
cg24464789	1	43,751,497	2.91E-05	-0.202	-0.209				C1orf210	TSS1500
cg17346176	6	119,239,700	2.02E-05	-0.202	-0.182				MCM9	Body
cg23873288	6	35,705,851	2.84E-08	-0.202	-0.194				C6orf81	Body
cg27468419	8	57,309,109	0.041773	-0.202	-0.305				SDR16C6	TSS1500
cg00554948	12	51,631,858	5.85E-05	-0.202	-0.183				DAZAP2	TSS1500
cg07347148	1	167,786,802	0.001432	-0.202	-0.254				ADCY10	Body
cg14620221	11	124,310,939	0.022407	-0.202	-0.164	1.61E-07	-0.109		OR8B8	1stExon
cg16509592	2	106,120,415	0.001796	-0.202	-0.135					
cg17095929	11	64,883,911	7.28E-09	-0.202	-0.192				ZNHIT2	1stExon
cg17806482	7	107,608,007	2.7E-05	-0.202	-0.192				LAMB1	Body
cg131110574	21	46,493,169	0.00226	-0.202	-0.166				ADARB1	TSS1500
cg18532070	7	41,940,672	0.021164	-0.202	-0.153					
cg25987408	5	154,318,104	4.7E-06	-0.202	-0.191				GEMIN5	TSS1500
cg14059959	13	111,144,447	0.002265	-0.202	-0.141				COL4A2	Body
cg11179610	15	95,588,018	0.001963	-0.202	-0.139					
cg07648740	7	154,864,630	0.00141	-0.202	-0.206				HTR5A	Body
cg05415308	15	71,406,783	9.45E-08	-0.202	-0.203				CT62	5'UTR
cg05941106	11	123,248,842	0.022931	-0.202	-0.153					
cg08422172	16	11,886,668	1.86E-07	-0.202	-0.196					
cg10610428	12	5,884,295	0.031153	-0.202	-0.198				ANO2	Body
cg16900910	15	72,789,182	3.49E-05	-0.202	-0.187				ARIH1	Body
cg13049624	3	1,050,278	1.2E-06	-0.202	-0.182					
cg15472885	3	71,056,608	2.09E-06	-0.202	-0.227				FOXP1	Body
cg15167841	11	71,787,492	6.78E-05	-0.202	-0.193				NUMA1	5'UTR
cg22203607	5	180,536,151	0.028897	-0.202	-0.071					
cg12751948	10	133,794,454	4.53E-09	-0.202	-0.181				BNIP3	Body
cg20621674	13	56,188,634	2.2E-05	-0.202	-0.165					
cg26339974	1	153,230,907	0.019507	-0.202	-0.168				LOR	TSS1500
cg18397975	5	33,997,484	0.019733	-0.202	-0.170				AMACR	Body
cg10517650	3	113,235,015	4.93E-06	-0.202	-0.173				CCDC52	TSS1500



cg23067085	3	71,180,032	8.13E-45	-0.202	-0.194				<i>FOXP1</i>	Body
cg21070527	7	63,558,196	0.000352	-0.202	-0.139					
cg23024102	13	45,149,706	9.05E-07	-0.202	-0.211				<i>TSC22D1</i>	1stExon
cg06275134	X	140,335,783	0.012669	-0.202	-0.181				<i>SPANXC</i>	Body
cg26773183	X	108,616,697	0.022068	-0.202	-0.279				<i>GUCY2F</i>	3'UTR
cg02265105	5	83,268,490	1.27E-06	-0.202	-0.196				<i>EDIL3</i>	Body
cg07029777	2	1,658,233	2.91E-05	-0.202	-0.169				<i>PXDN</i>	Body
cg09044174	20	60,308,212	0.002231	-0.202	-0.124				<i>CDH4</i>	Body
cg20570016	1	156,261,298	4.77E-08	-0.202	-0.192				<i>TMEM79</i>	Body
cg05729745	22	49,937,644	0.000182	-0.202	-0.155					
cg05854698	10	134,910,850	0.037441	-0.202	-0.155				<i>GPR123</i>	Body
cg14565752	19	47,955,003	0.031318	-0.202	-0.185				<i>SLC8A2</i>	Body
cg15625631	11	123,814,972	0.000303	-0.202	-0.153				<i>OR6T1</i>	TSS1500
cg22838882	3	138,952,118	1.52E-05	-0.202	-0.247				<i>PISRT1</i>	Body
cg05343159	10	129,347,529	0.009123	-0.202	-0.165				<i>NPS</i>	TSS200
cg11239749	6	32,781,307	0.03113	-0.202	-0.128				<i>HLA-DOB</i>	Body
cg02552189	2	223,891,284	0.000127	-0.202	-0.201					
cg11988476	21	46,368,090	0.043965	-0.202	-0.124				<i>C21orf70</i>	Body
cg19959621	22	37,179,912	0.010824	-0.202	-0.149					
cg11770920	2	218,465,695	0.037225	-0.202	-0.144				<i>DIRC3</i>	Body
cg24443446	10	65,647,572	4.33E-05	-0.202	-0.188					
cg03065888	8	145,148,823	1.33E-06	-0.202	-0.148				<i>CYC1</i>	TSS1500
cg02822963	3	149,470,953	1.69E-09	-0.202	-0.224				<i>COMMD2</i>	TSS1500
cg14074970	18	19,932,132	0.04098	-0.202	-0.181					
cg18719016	10	125,558,960	0.004293	-0.202	-0.128				<i>CPXM2</i>	Body
cg12705541	X	75,245,844	0.04504	-0.202	-0.186					
cg25214823	13	41,626,718	0.000542	-0.202	-0.210					
cg00217306	3	141,681,567	2.18E-09	-0.202	-0.172				<i>TFDP2</i>	Body
cg03262887	20	29,978,114	3.49E-16	-0.202	-0.197				<i>DEFB119</i>	Body
cg14286140	9	93,279,614	5.16E-20	-0.202	-0.188					
cg07440648	4	23,236,618	0.008247	-0.202	-0.115					
cg09206878	15	25,165,585	0.001689	-0.202	-0.174				<i>SNRPN</i>	5'UTR
cg07431888	16	8,813,274	1.97E-06	-0.202	-0.196				<i>ABAT</i>	5'UTR
cg25850629	1	33,210,830	4.04E-05	-0.202	-0.185				<i>KIAA1522</i>	Body

cg04813697	10	22,920,025	2.03E-05	-0.202	-0.182				<i>PIP4K2A</i>	Body
cg01325188	16	88,050,684	0.000331	-0.202	-0.206				<i>BANP</i>	Body
cg13984173	15	40,674,438	1.73E-07	-0.202	-0.191				<i>C15orf23</i>	TSS1500
cg17839216	5	18,504,434	0.005897	-0.202	-0.149					
cg00356981	13	112,804,728	0.008105	-0.202	-0.229					
cg02186141	17	80,864,562	0.012765	-0.202	-0.171				<i>TBCD</i>	Body
cg04441453	5	41,902,083	0.001088	-0.202	-0.178					
cg20975733	15	87,155,056	4.94E-06	-0.202	-0.198				<i>AGBL1</i>	Body
cg03228407	17	5,392,363	0.000963	-0.202	-0.163				<i>MIS12</i>	Body
cg03812562	4	190,597,513	0.004022	-0.202	-0.161					
cg24411946	10	52,645,408	0.000565	-0.202	-0.196				<i>A1CF</i>	5'UTR
cg15507486	19	46,627,896	0.039569	-0.202	-0.160				<i>IGFL3</i>	1stExon
cg23931819	1	1,245,076	5.54E-08	-0.202	-0.148				<i>PUSL1</i>	Body
cg06696292	8	23,536,779	0.003755	-0.202	-0.171				<i>NKX3-1</i>	3'UTR
cg22568403	5	169,758,055	2.83E-06	-0.202	-0.180				<i>LOC257358</i>	TSS1500
cg19478478	6	123,957,927	0.003362	-0.202	-0.137	0.00000109	-0.137		<i>TRDN</i>	1stExon
cg22104371	7	1,787,371	0.001435	-0.202	-0.163				<i>ELFN1</i>	3'UTR
cg25009896	17	21,904,695	0.003968	-0.202	-0.154				<i>FLJ36000</i>	Body
cg20249071	11	122,684,258	0.026414	-0.202	-0.094				<i>UBASH3B</i>	3'UTR
cg21765032	19	3,293,547	0.00354	-0.202	-0.185				<i>BRUNOL5</i>	3'UTR
cg04900872	2	31,803,536	5.69E-10	-0.202	-0.212				<i>SRD5A2</i>	Body
cg12798194	17	43,462,791	0.006633	-0.202	-0.109					
cg23844115	6	10,434,871	6.07E-05	-0.202	-0.153				<i>C6orf218</i>	Body
cg16463044	17	3,956,989	0.004313	-0.202	-0.185				<i>ZZEF1</i>	Body
cg11881735	12	30,945,390	0.001399	-0.202	-0.152					
cg16627193	7	157,801,404	0.002579	-0.202	-0.239				<i>PTPRN2</i>	Body
cg23565607	17	80,395,310	0.000157	-0.202	-0.147				<i>HEXDC</i>	Body
cg26076724	6	15,090,163	3.09E-06	-0.202	-0.183					
cg05512061	6	100,042,195	0.001855	-0.202	-0.120					
cg08096854	17	48,617,637	0.002503	-0.202	-0.178				<i>EPN3</i>	Body
cg21613620	13	97,927,242	1.19E-05	-0.202	-0.154				<i>MBNL2</i>	5'UTR
cg16387254	1	231,472,287	0.000795	-0.203	-0.183				<i>C1orf124</i>	TSS1500
cg01736133	4	120,605,519	4.14E-05	-0.203	-0.196					
cg02909176	13	113,426,343	0.000212	-0.203	-0.187				<i>ATP11A</i>	Body

cg16180848	11	3,612,651	0.000333	-0.203	-0.147					
cg05073620	3	57,530,799	9.9E-06	-0.203	-0.145				<i>DNAH12</i>	TSS1500
cg12491169	11	40,137,955	0.045096	-0.203	-0.149				<i>LRRC4C</i>	5'UTR
cg24141885	5	12,883,715	0.017334	-0.203	-0.152					
cg05307141	1	170,132,227	0.008258	-0.203	-0.135				<i>METTL11B</i>	Body
cg19524824	12	50,023,313	0.000238	-0.203	-0.167				<i>PRPF40B</i>	5'UTR
cg26390526	1	152,299,078	0.044117	-0.203	-0.243	0.00025886	-0.117		<i>FLG</i>	TSS1500
cg26442740	12	55,613,318	0.04717	-0.203	-0.147				<i>OR10A7</i>	TSS1500
cg27019059	3	133,852,523	2.83E-05	-0.203	-0.202					
cg03848127	5	100,126,093	0.003494	-0.203	-0.189					
cg10968815	20	31,595,346	0.001438	-0.203	-0.229	4.95E-13	-0.111		<i>BPIL1</i>	TSS200
cg15075709	11	1,217,335	0.024126	-0.203	-0.045					
cg04611649	2	152,681,240	1.05E-07	-0.203	-0.197				<i>ARL5A</i>	Body
cg18574911	17	80,355,371	0.005813	-0.203	-0.270				<i>C17orf101</i>	Body
cg15627145	10	61,802,440	1.29E-06	-0.203	-0.213				<i>ANK3</i>	3'UTR
cg21052687	11	55,561,545	0.019835	-0.203	-0.197				<i>OR5D14</i>	TSS1500
cg01938476	12	7,076,853	6.72E-06	-0.203	-0.215				<i>SCARNA12</i>	TSS200
cg07385257	8	35,803,167	0.003785	-0.203	-0.200					
cg05119467	1	1,765,440	3.84E-08	-0.203	-0.185				<i>GNB1</i>	5'UTR
cg13054975	1	205,603,464	0.024536	-0.203	-0.079				<i>ELK4</i>	TSS1500
cg18289710	11	103,811,641	0.001142	-0.203	-0.213				<i>PDGFD</i>	Body
cg24640735	12	10,065,986	0.011247	-0.203	-0.110				<i>CLEC2A</i>	3'UTR
cg02638909	8	30,888,801	0.00086	-0.203	-0.201				<i>PURG</i>	Body
cg13784443	2	80,807,289	0.001771	-0.203	-0.232			Yes	<i>CTNNA2</i>	Body
cg17603763	11	94,799,719	3.01E-14	-0.203	-0.202				<i>SFRS2B</i>	TSS1500
cg18480432	13	63,637,003	0.002231	-0.203	-0.194					
cg27509347	1	28,385,657	1.01E-07	-0.203	-0.209				<i>EYA3</i>	5'UTR
cg15803671	18	3,457,981	9.94E-05	-0.203	-0.232				<i>TGIF1</i>	3'UTR
cg22956205	13	43,321,660	4.89E-06	-0.203	-0.203					
cg24299913	19	42,408,316	0.000534	-0.203	-0.180				<i>ARHGEF1</i>	Body
cg09075787	2	69,965,513	0.001136	-0.203	-0.196					
cg27504460	2	188,169,789	0.004585	-0.203	-0.136					
cg16462006	14	95,155,784	0.016277	-0.203	-0.266					
cg00054741	19	54,201,247	0.026545	-0.203	-0.171				<i>MIR523</i>	TSS1500

cg23384017	4	52,808,725	0.023392	-0.203	-0.153					
cg15646919	18	77,608,799	0.000563	-0.203	-0.239					
cg13846509	8	64,376,550	0.004726	-0.203	-0.177					
cg25122699	5	173,314,531	1.92E-06	-0.203	-0.181				<i>CPEB4</i>	TSS1500
cg10705800	1	41,328,420	9.68E-16	-0.203	-0.195	0.00000508	-0.046		<i>CITED4</i>	TSS1500
cg27180868	1	161,008,750	3.54E-11	-0.203	-0.195				<i>TSTD1</i>	5'UTR
cg07465609	6	66,205,227	0.016418	-0.203	-0.171	0.00000222	-0.140		<i>EYS</i>	Body
cg11395306	11	98,939,366	0.009599	-0.203	-0.134				<i>CNTN5</i>	5'UTR
cg00045910	10	23,466,070	0.003442	-0.203	-0.187					
cg01229658	15	70,924,395	2.2E-05	-0.203	-0.188					
cg08273233	6	87,724,979	0.000324	-0.203	-0.149				<i>HTR1E</i>	5'UTR
cg24328944	13	96,256,596	3.93E-08	-0.203	-0.200				<i>DZIP1</i>	Body
cg12032655	19	43,856,746	1.31E-06	-0.203	-0.183				<i>CD177</i>	TSS1500
cg23210521	4	95,680,414	3.14E-06	-0.203	-0.197				<i>BMPR1B</i>	5'UTR
cg03698145	15	98,064,729	0.024341	-0.203	-0.163					
cg09159821	5	146,937,183	0.000961	-0.203	-0.145					
cg20897616	15	26,874,515	1.77E-06	-0.203	-0.163				<i>GABRB3</i>	Body
cg24540281	2	105,912,735	6.8E-05	-0.203	-0.198				<i>TGFBRAP1</i>	Body
cg14703102	17	2,975,585	0.006617	-0.203	-0.121					
cg25184787	20	3,898,644	0.013334	-0.203	-0.162				<i>PANK2</i>	Body
cg16890121	13	28,198,579	0.000342	-0.203	-0.143				<i>POLR1D</i>	Body
cg03769908	7	79,631,950	0.012845	-0.203	-0.218					
cg07516307	6	33,165,658	0.000158	-0.203	-0.181				<i>RXRБ</i>	Body
cg20901464	13	112,763,220	0.015486	-0.203	-0.076					
cg13797779	14	99,180,409	0.03029	-0.203	-0.136				<i>C14orf177</i>	5'UTR
cg20316758	13	106,797,152	6.94E-06	-0.203	-0.202					
cg14412833	9	128,021,077	5.87E-05	-0.203	-0.194					
cg10449561	5	25,909,633	0.013761	-0.203	-0.120					
cg13480465	4	16,795,757	0.000303	-0.203	-0.214				<i>LDB2</i>	Body
cg07999668	12	8,765,336	0.04336	-0.203	-0.125				<i>AICDA</i>	Body
cg26218823	X	146,318,566	0.038419	-0.203	-0.158				<i>MIR508</i>	TSS200
cg05170856	16	32,255,825	0.000257	-0.203	-0.190					
cg01212562	21	46,868,092	0.003234	-0.203	-0.211				<i>COL18A1</i>	Body
cg10506618	3	42,246,902	0.00526	-0.203	-0.199				<i>TRAK1</i>	Body

cg15570432	20	30,460,881	0.037034	-0.203	-0.105				<i>TLL9</i>	Body
cg18827756	15	42,130,735	0.000202	-0.203	-0.195				<i>JMJD7-PLA2G4B</i>	Body
cg00107916	5	3,188,066	0.01659	-0.203	-0.248					
cg19894085	12	66,633,274	6.44E-05	-0.203	-0.154			Yes	<i>IRAK3</i>	Body
cg04012844	22	49,020,400	0.002832	-0.203	-0.214				<i>FAM19A5</i>	Body
cg04830757	5	87,880,065	7.91E-05	-0.203	-0.203				<i>LOC645323</i>	Body
cg10946681	12	127,633,722	0.005981	-0.203	-0.149					
cg17259265	11	125,753,373	0.00531	-0.203	-0.133	0.00000355	-0.083		<i>HYLS1</i>	TSS200
cg19205850	3	128,446,370	1.55E-11	-0.203	-0.216				<i>RAB7A</i>	5'UTR
cg22109208	1	172,414,443	0.001495	-0.203	-0.150				<i>C1orf105</i>	Body
cg23154497	10	134,919,573	0.01076	-0.203	-0.132				<i>GPR123</i>	Body
cg07033253	7	75,908,694	8.7E-06	-0.203	-0.209				<i>SRRM3</i>	Body
cg08626382	11	62,108,591	1.11E-06	-0.203	-0.191				<i>ASRGL1</i>	Body
cg01889083	3	36,803,565	0.045742	-0.203	-0.128					
cg08426130	15	95,872,552	0.000765	-0.203	-0.144					
cg15382258	7	48,495,072	0.03838	-0.203	-0.131				<i>ABCA13</i>	Body
cg21304163	19	35,607,221	3.25E-05	-0.203	-0.193				<i>FXD3</i>	5'UTR
cg21723559	20	44,048,174	5.7E-08	-0.203	-0.215				<i>PIGT</i>	Body
cg15446073	11	62,339,136	2.12E-05	-0.203	-0.134				<i>EEF1G</i>	Body
cg10543582	2	199,202,432	0.002694	-0.203	-0.155					
cg21029155	13	20,069,043	0.001897	-0.203	-0.156				<i>TPTE2</i>	Body
cg07338464	5	148,244,123	1.28E-08	-0.203	-0.179					
cg07585334	16	8,617,571	4.75E-05	-0.203	-0.193					
cg20992439	15	91,429,916	0.001513	-0.203	-0.154				<i>FES</i>	Body
cg22812604	8	140,417,841	3.46E-05	-0.203	-0.176					
cg21643429	15	28,216,043	0.008991	-0.203	-0.212				<i>OCA2</i>	Body
cg03592833	3	194,129,373	0.002773	-0.203	-0.193				<i>ATP13A3</i>	Body
cg07805642	6	132,890,602	0.035968	-0.203	-0.144				<i>TAAR6</i>	TSS1500
cg24158157	10	124,581,726	0.000456	-0.203	-0.147					
cg08204867	16	10,208,426	0.000116	-0.204	-0.223				<i>GRIN2A</i>	Body
cg19870706	1	75,469,109	3.73E-05	-0.204	-0.187					
cg26492744	X	68,046,595	4.58E-10	-0.204	-0.190					
cg11185753	8	105,988,283	0.006952	-0.204	-0.235					
cg16450097	8	101,348,467	0.008978	-0.204	-0.198					

cg14005657	Y	9,365,108	0.024625	-0.204	-0.127				<i>TSPY3</i>	TSS1500
cg25904183	4	165,877,875	2.25E-05	-0.204	-0.220				<i>C4orf39</i>	TSS1500
cg00920269	7	45,431,741	0.007949	-0.204	-0.110					
cg08312198	2	235,961,352	0.022945	-0.204	-0.106				<i>SH3BP4</i>	Body
cg14104148	11	126,203,133	0.000274	-0.204	-0.098				<i>DCPS</i>	Body
cg26353859	12	60,081,776	0.028264	-0.204	-0.096				<i>SLC16A7</i>	TSS1500
cg17453252	13	110,964,116	0.017717	-0.204	-0.096				<i>COL4A2</i>	Body
cg03240663	19	52,150,547	0.033388	-0.204	-0.183				<i>SIGLEC14</i>	TSS1500
cg09874415	1	35,989,973	0.001245	-0.204	-0.176				<i>KIAA0319L</i>	Body
cg06868132	5	178,987,429	0.013095	-0.204	-0.267				<i>RUFY1</i>	Body
cg18456942	20	29,956,330	0.001862	-0.204	-0.214				<i>DEFB118</i>	TSS200
cg23198334	10	76,179,907	5.45E-05	-0.204	-0.199				<i>ADK</i>	Body
cg21409829	1	2,850,859	0.020642	-0.204	-0.084					
cg25153233	20	37,854,269	0.014223	-0.204	-0.134				<i>LOC339568</i>	TSS1500
cg26806260	15	62,356,512	1.23E-06	-0.204	-0.214					
cg01171429	16	69,939,015	0.003016	-0.204	-0.156				<i>WWP2</i>	Body
cg00532449	1	2,375,420	0.009285	-0.204	-0.249					
cg17536071	4	71,383,999	1.6E-06	-0.204	-0.213				<i>AMTN</i>	TSS1500
cg20792256	19	14,992,047	3.8E-05	-0.204	-0.142				<i>OR7A17</i>	1stExon
cg26872482	6	32,051,108	4.24E-09	-0.204	-0.211				<i>TNXB</i>	Body
cg07744216	19	7,682,838	0.004932	-0.204	-0.146				<i>KIAA1543</i>	Body
cg25077371	10	10,346,139	0.01929	-0.204	-0.184					
cg04735660	1	176,999,916	0.000363	-0.204	-0.182				<i>MIR488</i>	TSS1500
cg18086520	4	186,741,362	0.019784	-0.204	-0.161				<i>SORBS2</i>	5'UTR
cg19580003	13	19,236,676	0.033346	-0.204	-0.115					
cg14020914	19	53,798,641	0.000621	-0.204	-0.224					
cg16298202	4	122,680,946	0.007599	-0.204	-0.126				<i>TMEM155</i>	3'UTR
cg24369466	6	31,843,146	0.000275	-0.204	-0.221				<i>SLC44A4</i>	Body
cg27500983	20	34,700,201	9.87E-06	-0.204	-0.226				<i>EPB41L1</i>	TSS200
cg05604487	17	77,386,277	0.002661	-0.204	-0.168				<i>HRNBP3</i>	5'UTR
cg00865390	8	91,713,322	0.010995	-0.204	-0.242					
cg27666123	5	126,988,029	0.002641	-0.204	-0.133				<i>CTXN3</i>	5'UTR
cg25463409	4	46,848,264	0.000311	-0.204	-0.122				<i>COX7B2</i>	5'UTR
cg25458175	19	59,025,570	3.87E-06	-0.204	-0.172				<i>ZBTB45</i>	Body

cg12943259	8	89,603,364	0.043268	-0.204	-0.115					
cg08543028	12	31,902,503	2.6E-07	-0.204	-0.198			Yes		
cg23180171	12	113,055,704	2.87E-05	-0.204	-0.189					
cg01963464	2	228,339,337	2.45E-06	-0.204	-0.178			Yes	<i>AGFG1</i>	Body
cg14430151	4	8,440,600	0.000721	-0.204	-0.184				<i>ACOX3</i>	5'UTR
cg08510178	6	165,062,070	0.003936	-0.204	-0.149					
cg14680360	17	39,598,430	0.000115	-0.204	-0.119				<i>KRT38</i>	TSS1500
cg07529428	12	15,717,516	6.75E-08	-0.204	-0.210				<i>PTPRO</i>	Body
cg11780053	19	7,268,027	0.020203	-0.204	-0.208				<i>INSR</i>	Body
cg26621014	X	88,001,695	0.039735	-0.204	-0.100				<i>CPXCR1</i>	TSS1500
cg05569767	18	76,638,494	0.027054	-0.204	-0.089					
cg13705774	1	152,670,764	0.019297	-0.204	-0.195				<i>LCE2A</i>	TSS200
cg18448898	2	128,788,611	0.000212	-0.204	-0.245					
cg21038123	16	733,280	4.31E-11	-0.204	-0.202				<i>JMJD8</i>	Body
cg16773563	7	44,614,475	0.025772	-0.204	-0.202				<i>DDX56</i>	TSS1500
cg23865597	18	46,987,786	0.038269	-0.204	-0.225				<i>DYM</i>	TSS1500
cg00180631	X	149,736,640	0.005701	-0.204	-0.216	0.00511158	-0.055		<i>MTM1</i>	TSS1500
cg22436195	4	154,951,775	0.04749	-0.204	-0.127			Yes		
cg02570643	5	77,531,473	0.027467	-0.204	-0.114				<i>AP3B1</i>	Body
cg02573176	8	82,607,505	0.000129	-0.204	-0.214				<i>SLC10A5</i>	TSS1500
cg04629433	11	124,191,389	0.021935	-0.204	-0.123				<i>OR8D2</i>	TSS1500
cg08510253	11	31,904,940	0.03331	-0.204	-0.178					
cg26130533	4	1,202,700	8E-08	-0.204	-0.176				<i>LOC100130872-SPON2</i>	TSS200
cg10835286	2	66,657,913	5.61E-07	-0.204	-0.222					
cg14613361	1	109,751,302	1.31E-05	-0.204	-0.169					
cg00461311	12	109,460,299	2.08E-06	-0.204	-0.199				<i>SVOP</i>	TSS1500
cg21340845	2	142,890,700	1.32E-05	-0.204	-0.218				<i>LRP1B</i>	TSS1500
cg19655510	20	62,374,329	0.001057	-0.204	-0.216				<i>SLC2A4RG</i>	Body
cg21765730	6	155,777,175	0.000695	-0.204	-0.163				<i>NOX3</i>	TSS200
cg25812683	10	6,691,515	0.002108	-0.204	-0.206					
cg02671458	5	178,801,812	0.020075	-0.204	-0.103					
cg25939242	4	9,371,392	0.01866	-0.204	-0.111					
cg20506745	2	2,581,285	1.08E-09	-0.204	-0.189					
cg14626907	6	33,873,691	0.001121	-0.204	-0.144					

cg20658635	15	26,877,820	1.26E-06	-0.204	-0.199				<i>GABRB3</i>	Body
cg08632095	5	172,639,423	0.001838	-0.204	-0.117					
cg13590475	6	133,137,827	6.37E-06	-0.204	-0.163				<i>RPS12</i>	Body
cg05932024	2	42,086,889	2.35E-06	-0.204	-0.186					
cg21848981	4	190,597,409	0.001849	-0.204	-0.179					
cg22106847	5	118,584,299	0.000208	-0.204	-0.213				<i>DMXL1</i>	3'UTR
cg23673761	1	196,865,686	0.01635	-0.204	-0.195				<i>CFHR4</i>	Body
cg08702011	16	86,934,677	0.0448	-0.204	-0.084			Yes		
cg23200873	3	167,191,837	0.017203	-0.204	-0.143				<i>SERPINI2</i>	TSS200
cg01661742	4	142,141,192	0.043567	-0.204	-0.191				<i>ZNF330</i>	TSS1500
cg00571870	6	109,349,597	5.84E-06	-0.204	-0.216				<i>SESN1</i>	Body
cg14300812	9	134,818,827	0.00771	-0.204	-0.226				<i>MED27</i>	Body
cg26560419	6	72,290,918	0.037952	-0.204	-0.237					
cg04672506	6	33,117,384	1.6E-05	-0.204	-0.184					
cg05361594	13	68,220,805	0.014891	-0.204	-0.226					
cg05991092	10	134,731,965	0.000224	-0.204	-0.206					
cg10735319	14	65,121,324	2.22E-11	-0.204	-0.205					
cg14591439	5	121,190,799	0.043238	-0.204	-0.092					
cg02335700	12	110,282,809	0.001054	-0.204	-0.141					
cg11356398	10	133,783,182	0.000389	-0.204	-0.196				<i>BNIP3</i>	Body
cg16993682	1	158,259,268	0.000572	-0.204	-0.218				<i>CD1C</i>	TSS1500
cg25614726	1	10,490,058	2.64E-17	-0.204	-0.198				<i>APITD1</i>	TSS200
cg00859147	19	8,841,460	0.026293	-0.204	-0.164				<i>OR2Z1</i>	1stExon
cg12275410	10	135,123,239	0.000148	-0.204	-0.197				<i>ZNF511</i>	Body
cg17920195	4	129,149,383	8.06E-10	-0.204	-0.189					
cg07412043	2	137,748,366	0.013384	-0.204	-0.163				<i>THSD7B</i>	TSS200
cg17339327	6	31,939,025	4.01E-06	-0.204	-0.214				<i>STK19</i>	TSS1500
cg15287443	3	147,121,229	2.7E-07	-0.204	-0.184				<i>ZIC4</i>	Body
cg19333980	20	5,094,433	0.000876	-0.204	-0.204				<i>C20orf30</i>	TSS1500
cg00976619	3	156,876,725	1.52E-08	-0.204	-0.221				<i>CCNL1</i>	Body
cg02309868	19	35,741,001	8.24E-08	-0.204	-0.173				<i>LSR</i>	Body
cg15602359	22	50,144,431	0.007972	-0.204	-0.117					
cg20743708	11	4,726,105	0.002807	-0.204	-0.171					
cg25882240	10	134,868,158	0.013143	-0.204	-0.101					



cg00817501	4	138,440,719	4.8E-09	-0.204	-0.186				<i>PCDH18</i>	3'UTR
cg27152299	11	71,238,225	5.7E-05	-0.204	-0.170				<i>KRTAP5-7</i>	TSS200
cg01752041	8	63,055,444	0.048327	-0.204	-0.193					
cg08881938	3	132,599,319	0.012854	-0.204	-0.240					
cg02470923	13	22,392,755	0.028183	-0.204	-0.137					
cg27455211	16	86,734,223	0.003135	-0.204	-0.134					
cg04362839	14	105,688,421	0.013268	-0.204	-0.164				<i>BRF1</i>	Body
cg12331160	2	135,290,945	0.001409	-0.204	-0.123				<i>TMEM163</i>	Body
cg18450130	14	105,031,193	0.011855	-0.204	-0.121					
cg01157146	21	42,877,638	1.44E-14	-0.204	-0.201				<i>TMPRSS2</i>	Body
cg02361306	19	35,940,461	4.9E-08	-0.204	-0.189				<i>FFAR2</i>	TSS200
cg25486039	6	41,715,166	9.41E-06	-0.204	-0.174				<i>PGC</i>	TSS200
cg26979537	19	48,016,860	0.00074	-0.204	-0.190				<i>NAPA</i>	Body
cg05334655	14	23,890,294	0.00038	-0.204	-0.184				<i>MYH7</i>	Body
cg09048404	2	91,937,754	0.012148	-0.204	-0.157					
cg19549898	14	68,000,922	3.35E-07	-0.204	-0.234				<i>PLEKHH1</i>	5'UTR
cg10167508	20	46,988,400	0.024685	-0.204	-0.159				<i>LOC284749</i>	TSS1500
cg07682515	10	134,838,014	3.25E-05	-0.205	-0.163					
cg18339075	18	76,555,521	0.029976	-0.205	-0.063					
cg18477674	10	133,793,527	0.010134	-0.205	-0.201				<i>BNIP3</i>	Body
cg21538450	1	205,313,833	1.01E-06	-0.205	-0.240				<i>KLHDC8A</i>	5'UTR
cg26476852	7	27,204,728	0.001621	-0.205	-0.129				<i>HOXA9</i>	1stExon
cg25249713	4	177,045,356	0.000351	-0.205	-0.195				<i>WDR17</i>	Body
cg11675165	8	117,853,304	4.78E-05	-0.205	-0.164					
cg02321821	17	79,804,422	0.029738	-0.205	-0.182				<i>P4HB</i>	Body
cg07778145	16	17,178,083	0.014956	-0.205	-0.089					
cg03519907	5	154,092,426	0.000121	-0.205	-0.192				<i>LARP1</i>	TSS200
cg06961205	6	6,623,143	1.16E-05	-0.205	-0.138				<i>LOC285780</i>	TSS200
cg15771735	6	57,614,321	0.007917	-0.205	-0.252					
cg04961042	14	30,218,600	0.01058	-0.205	-0.253				<i>PRKD1</i>	Body
cg23138161	8	27,337,259	0.000691	-0.205	-0.189				<i>CHRNA2</i>	TSS1500
cg01743846	9	127,176,827	1.21E-05	-0.205	-0.193				<i>PSMB7</i>	Body
cg24656517	4	40,844,307	2.93E-05	-0.205	-0.229				<i>APBB2</i>	Body
cg19667460	15	60,863,379	0.000169	-0.205	-0.220				<i>RORA</i>	Body

cg22706106	1	153,607,701	6.5E-10	-0.205	-0.191				<i>C1orf77</i>	5'UTR
cg14971327	5	4,230,502	0.037134	-0.205	-0.120					
cg22062667	2	187,081,534	0.009625	-0.205	-0.241					
cg24732563	1	204,349,887	1.5E-05	-0.205	-0.180					
cg15252768	10	133,273,850	0.035042	-0.205	-0.066					
cg05060976	18	21,741,492	0.000319	-0.205	-0.183				<i>CABYR</i>	3'UTR
cg22413399	11	55,028,287	0.004356	-0.205	-0.134				<i>TRIM48</i>	TSS1500
cg00989002	16	52,225,569	2.41E-05	-0.205	-0.171					
cg01871498	16	4,855,523	0.000138	-0.205	-0.172			Yes	<i>GLYR1</i>	Body
cg07882687	X	49,460,608	0.031061	-0.205	-0.105				<i>PAGE1</i>	TSS200
cg21347412	19	4,339,217	0.000142	-0.205	-0.167				<i>STAP2</i>	TSS1500
cg02562419	6	159,049,626	0.003393	-0.205	-0.239				<i>TMEM181</i>	Body
cg27599015	20	50,175,489	0.036012	-0.205	-0.200				<i>NFATC2</i>	Body
cg05229723	12	104,526,470	2.32E-06	-0.205	-0.238				<i>NFYB</i>	Body
cg13540981	6	32,011,506	0.000841	-0.205	-0.112				<i>TNXB</i>	Body
cg24573321	6	69,726,000	0.001454	-0.205	-0.218				<i>BAI3</i>	Body
cg00558645	1	218,711,575	8.2E-06	-0.205	-0.238					
cg07863354	17	80,832,611	5.53E-05	-0.205	-0.215				<i>TBCD</i>	Body
cg23167506	7	1,303,302	2.73E-07	-0.205	-0.208					
cg12617456	1	85,240,821	1.1E-05	-0.205	-0.184					
cg23511851	13	108,087,589	0.001333	-0.205	-0.143				<i>FAM155A</i>	Body
cg02216731	16	801,936	3.08E-06	-0.205	-0.201					
cg08695113	10	74,842,425	0.001574	-0.205	-0.171				<i>P4HA1</i>	5'UTR
cg09324663	6	41,621,232	2.83E-18	-0.205	-0.207				<i>MDFI</i>	Body
cg12025690	13	107,991,871	0.030867	-0.205	-0.114				<i>FAM155A</i>	Body
cg12413346	15	43,425,285	5.83E-08	-0.205	-0.219				<i>TMEM62</i>	TSS1500
cg01597784	2	89,986,470	5.94E-05	-0.205	-0.185					
cg10911747	4	15,171,497	0.003591	-0.205	-0.127					
cg00163727	6	98,989,775	0.033928	-0.205	-0.127					
cg00778084	1	173,681,595	0.01725	-0.205	-0.099					
cg03815116	4	44,654,206	0.004712	-0.205	-0.177				<i>YIPF7</i>	TSS1500
cg13990848	9	93,883,110	9.02E-07	-0.205	-0.205					
cg20168964	12	130,333,393	0.001464	-0.205	-0.222				<i>TMEM132D</i>	Body
cg15444358	14	102,051,071	0.041775	-0.205	-0.168					

cg23604959	X	153,283,694	0.000167	-0.205	-0.164				<i>IRAK1</i>	Body
cg03654169	8	11,710,911	1.71E-05	-0.205	-0.168				<i>CTSB</i>	Body
cg24531714	8	67,475,459	0.000921	-0.205	-0.181				<i>MYBL1</i>	3'UTR
cg02039214	15	88,521,695	0.01039	-0.205	-0.160				<i>NTRK3</i>	Body
cg15983538	1	156,123,411	7.9E-05	-0.205	-0.205	7.62E-07	-0.081		<i>SEMA4A</i>	5'UTR
cg25605731	19	13,054,434	0.005867	-0.205	-0.164				<i>CALR</i>	Body
cg27501612	16	56,977,363	0.000727	-0.205	-0.200				<i>HERPUD1</i>	3'UTR
cg15405588	13	33,854,227	0.002999	-0.205	-0.169				<i>STARD13</i>	Body
cg06079062	3	108,672,412	0.005318	-0.205	-0.158				<i>GUCA1C</i>	1stExon
cg23225508	17	62,500,377	8.37E-11	-0.205	-0.182				<i>DDX5</i>	Body
cg16249827	19	11,153,168	1.15E-06	-0.205	-0.201				<i>SMARCA4</i>	Body
cg00915830	12	34,448,653	0.006073	-0.205	-0.140					
cg09940861	14	101,201,649	0.024954	-0.205	-0.122					
cg23920120	11	122,239,845	0.002101	-0.205	-0.188					
cg18695670	14	61,123,667	3.02E-13	-0.205	-0.175					
cg25503323	7	36,567,098	0.004614	-0.205	-0.148				<i>AOAH</i>	Body
cg15379170	2	233,476,236	1.46E-09	-0.205	-0.172				<i>EFHD1</i>	Body
cg16564358	16	85,912,452	0.028864	-0.205	-0.111					
cg00861695	13	24,736,455	0.00011	-0.205	-0.177				<i>SPATA13</i>	5'UTR
cg06183336	13	112,196,813	0.009635	-0.205	-0.082					
cg23201841	1	205,602,113	2.18E-09	-0.205	-0.203				<i>ELK4</i>	TSS200
cg24897320	1	110,042,528	9.47E-08	-0.205	-0.177				<i>CYB561D1</i>	3'UTR
cg15214183	11	67,232,269	1.56E-06	-0.205	-0.178				<i>TMEM134</i>	Body
cg13933535	X	96,795,331	6.96E-10	-0.205	-0.207				<i>DIAPH2</i>	Body
cg10351740	7	38,470,121	0.027991	-0.205	-0.208				<i>AMPH</i>	Body
cg20318358	12	108,167,448	3.2E-05	-0.205	-0.200				<i>ASCL4</i>	TSS1500
cg111108702	11	67,432,681	0.047632	-0.205	-0.102				<i>ALDH3B2</i>	Body
cg21226735	9	92,807,111	0.000205	-0.205	-0.229					
cg02707593	5	54,823,369	0.001048	-0.205	-0.204			Yes	<i>PPAP2A</i>	Body
cg03533858	1	2,324,396	1.24E-07	-0.205	-0.213	1.2E-16	-0.223		<i>MORN1</i>	TSS1500
cg03670994	5	6,182,647	0.002211	-0.205	-0.186					
cg09086416	6	50,428,999	0.002233	-0.205	-0.192					
cg06778853	1	6,672,620	8.13E-15	-0.205	-0.209	0.00000887	-0.062		<i>PHF13</i>	TSS1500
cg22848704	1	48,648,439	0.000432	-0.205	-0.191				<i>SKINTL</i>	TSS1500

cg23494863	8	38,009,476	1.05E-06	-0.205	-0.194				<i>STAR</i>	TSS1500
cg24467337	20	31,262,314	0.000919	-0.205	-0.179				<i>LOC284805</i>	TSS1500
cg05168215	12	18,433,545	0.019246	-0.205	-0.149				<i>PIK3C2G</i>	5'UTR
cg13260377	6	31,592,983	0.000562	-0.205	-0.201				<i>BAT2</i>	Body
cg14848461	3	74,060,982	2.83E-07	-0.205	-0.188					
cg17477990	1	144,937,317	9.72E-06	-0.205	-0.208				<i>PDE4DIP</i>	Body
cg20157097	10	6,569,802	0.010777	-0.205	-0.133				<i>PRKCQ</i>	5'UTR
cg10690657	21	15,215,654	0.003676	-0.205	-0.151				<i>C21orf15</i>	Body
cg06002305	5	178,591,479	0.036383	-0.205	-0.120				<i>ADAMTS2</i>	Body
cg19618279	17	40,715,228	3.28E-14	-0.205	-0.193				<i>COASY</i>	1stExon
cg02861926	19	56,348,742	1.7E-06	-0.205	-0.216				<i>NLRP11</i>	TSS1500
cg21003380	1	156,261,207	1.17E-07	-0.205	-0.200				<i>TMEM79</i>	Body
cg24872815	2	65,623,541	8.62E-10	-0.205	-0.209				<i>SPRED2</i>	Body
cg25755428	19	13,875,111	0.03685	-0.205	-0.172				<i>MRI1</i>	TSS1500
cg10946404	8	59,575,772	6.57E-06	-0.205	-0.217					
cg15531099	1	152,770,502	2.04E-05	-0.205	-0.180				<i>LCE1D</i>	Body
cg08382332	2	58,728,740	0.000953	-0.205	-0.148					
cg14377739	9	139,699,037	5.79E-06	-0.205	-0.208				<i>KIAA1984</i>	Body
cg08614769	6	1,679,393	4.2E-07	-0.205	-0.201				<i>GMDS</i>	Body
cg12443030	1	75,565,024	0.002073	-0.205	-0.177					
cg08478672	8	129,374,295	1.07E-08	-0.205	-0.189					
cg16050028	17	6,068,454	0.038533	-0.205	-0.087					
cg20519577	12	132,329,360	0.002584	-0.205	-0.077				<i>MMP17</i>	Body
cg07596401	10	126,150,086	1.27E-07	-0.205	-0.188				<i>LHPP</i>	TSS1500
cg08198470	17	1,801,637	1.8E-05	-0.205	-0.227				<i>RPA1</i>	3'UTR
cg19927661	6	3,150,267	0.003174	-0.205	-0.156				<i>BPHL</i>	Body
cg00793946	2	46,163,986	4.1E-06	-0.205	-0.170				<i>PRKCE</i>	Body
cg02018326	19	51,670,251	0.011346	-0.205	-0.175				<i>SIGLECP3</i>	TSS1500
cg12667125	1	36,181,447	9.15E-17	-0.205	-0.187				<i>C1orf216</i>	Body
cg17421561	7	31,726,639	0.034605	-0.205	-0.087				<i>C7orf16</i>	TSS200
cg04984818	14	104,195,301	3.07E-05	-0.205	-0.205				<i>ZFYVE21</i>	Body
cg12136883	4	120,613,606	0.025043	-0.205	-0.176					
cg18010085	6	1,297,024	7.93E-06	-0.205	-0.191					
cg26738530	15	71,581,059	5.91E-05	-0.205	-0.162				<i>THSD4</i>	Body

cg02034204	1	8,394,077	0.005437	-0.205	-0.119				<i>SLC45A1</i>	Body
cg11481675	8	32,504,965	0.002067	-0.205	-0.188				<i>NRG1</i>	Body
cg17294330	17	77,089,070	0.007163	-0.205	-0.092				<i>HRNBP3</i>	Body
cg18898325	22	42,394,382	0.003997	-0.205	-0.235				<i>WBP2NL</i>	TSS1500
cg27534624	12	7,072,727	0.000555	-0.205	-0.190				<i>MIR141</i>	TSS1500
cg23082003	13	21,713,913	2.1E-05	-0.205	-0.190				<i>SAP18</i>	TSS1500
cg26751513	16	1,542,910	0.000498	-0.205	-0.186				<i>TELO2</i>	TSS1500
cg01502919	6	124,122,318	0.000195	-0.205	-0.195					
cg16580616	1	235,256,519	0.044793	-0.205	-0.176					
cg23557769	22	16,871,766	0.003151	-0.205	-0.160					
cg09631495	8	4,617,087	0.011384	-0.205	-0.186				<i>CSMD1</i>	Body
cg11154040	4	3,795,063	0.044281	-0.205	-0.122					
cg21996360	1	215,940,809	0.0303	-0.205	-0.118				<i>USH2A</i>	Body
cg00607609	4	119,962,922	1.25E-07	-0.205	-0.171				<i>SYNPO2</i>	Body
cg05082563	7	137,775,882	0.002207	-0.205	-0.094				<i>AKR1D1</i>	Body
cg19788754	17	80,847,662	0.00011	-0.205	-0.203				<i>TBCD</i>	Body
cg24324837	19	49,891,574	0.023378	-0.205	-0.265				<i>CCDC155</i>	1stExon
cg02973354	14	70,316,670	0.011478	-0.205	-0.081					
cg27445072	16	82,921,787	0.016333	-0.205	-0.198				<i>CDH13</i>	Body
cg27431625	2	107,679,531	3.42E-05	-0.206	-0.145					
cg15795186	4	58,291,839	0.024291	-0.206	-0.120					
cg04687551	12	129,187,286	0.030402	-0.206	-0.170				<i>TMEM132C</i>	Body
cg12976310	X	113,865,129	0.017398	-0.206	-0.260				<i>SNORA35</i>	TSS200
cg19611822	15	96,101,553	1.25E-05	-0.206	-0.222					
cg00159764	20	35,059,674	0.001789	-0.206	-0.153				<i>DLGAP4</i>	5'UTR
cg04121368	10	122,316,088	0.038563	-0.206	-0.216				<i>PPAPDC1A</i>	Body
cg16444826	2	30,441,244	3.52E-05	-0.206	-0.204					
cg05070250	11	36,620,199	0.004925	-0.206	-0.106				<i>C11orf74</i>	5'UTR
cg11152263	7	569,642	0.010644	-0.206	-0.163					
cg26995656	14	88,121,644	0.016378	-0.206	-0.139					
cg02281821	10	129,692,341	1.12E-09	-0.206	-0.215				<i>CLRN3</i>	TSS1500
cg01566170	1	223,899,746	0.000347	-0.206	-0.147				<i>CAPN2</i>	TSS1500
cg23010693	14	103,911,341	5.54E-06	-0.206	-0.182				<i>MARK3</i>	Body
cg04741728	12	133,003,907	0.013067	-0.206	-0.228					

cg09328012	22	46,481,677	2.19E-07	-0.206	-0.179				<i>LOC400931</i>	TSS200
cg16924061	18	71,955,528	7.74E-05	-0.206	-0.182				<i>CYB5A</i>	Body
cg26813137	5	151,784,326	0.025026	-0.206	-0.239				<i>NMUR2</i>	1stExon
cg11793422	19	15,239,169	1.36E-06	-0.206	-0.203					
cg17723122	1	205,641,542	3.11E-12	-0.206	-0.198				<i>SLC45A3</i>	5'UTR
cg14883135	2	43,051,175	0.000386	-0.206	-0.178			Yes		
cg13377341	6	41,715,281	0.000553	-0.206	-0.202				<i>PGC</i>	TSS200
cg14467464	17	7,960,406	0.000262	-0.206	-0.178					
cg18140889	1	153,177,577	0.000371	-0.206	-0.198				<i>LELP1</i>	3'UTR
cg01126560	9	139,886,304	9.22E-07	-0.206	-0.205	1.19E-12	-0.103		<i>C9orf142</i>	TSS1500
cg16863332	10	64,566,678	9.05E-07	-0.206	-0.217				<i>ADO</i>	3'UTR
cg23781075	20	170,581	0.000127	-0.206	-0.155				<i>DEFB128</i>	TSS1500
cg09365529	1	75,140,289	0.013312	-0.206	-0.101				<i>C1orf173</i>	TSS1500
cg26652266	10	90,932,152	0.029146	-0.206	-0.111					
cg00961325	7	41,547,329	1.25E-07	-0.206	-0.198					
cg11365072	5	154,392,274	0.000277	-0.206	-0.185				<i>KIF4B</i>	TSS1500
cg10449558	17	70,552,917	0.000197	-0.206	-0.137					
cg00225006	15	83,477,872	6.13E-06	-0.206	-0.221				<i>WHAMM</i>	TSS200
cg05418395	2	58,689,455	0.040814	-0.206	-0.101					
cg26175729	7	150,726,136	3.95E-12	-0.206	-0.211				<i>ABCB8</i>	Body
cg26898869	8	56,364,964	0.017806	-0.206	-0.169				<i>XKR4</i>	Body
cg14016200	19	10,399,157	0.005532	-0.206	-0.173				<i>ICAM5</i>	TSS1500
cg02475600	12	34,503,594	0.013755	-0.206	-0.159					
cg08008692	1	159,961,591	0.000336	-0.206	-0.185					
cg15746620	19	14,785,849	5.1E-10	-0.206	-0.195	1.5E-13	-0.173		<i>EMR3</i>	TSS200
cg19284751	2	119,699,789	0.003808	-0.206	-0.220				<i>MARCO</i>	1stExon
cg03197032	15	36,708,407	0.007228	-0.206	-0.307					
cg14381543	9	93,798,720	0.003684	-0.206	-0.227					
cg19190519	11	123,175,740	0.015824	-0.206	-0.126					
cg05582397	12	8,674,684	0.001916	-0.206	-0.166				<i>CLEC4D</i>	3'UTR
cg15896624	4	164,246,900	0.018899	-0.206	-0.138				<i>NPY1R</i>	Body
cg02344361	10	134,806,481	2.76E-05	-0.206	-0.195					
cg20424036	8	32,777,053	0.006367	-0.206	-0.123					
cg02103822	1	147,246,329	0.004602	-0.206	-0.132				<i>GJA5</i>	TSS1500

cg10153214	16	71,571,146	3.01E-05	-0.206	-0.143				<i>CHST4</i>	Body
cg10803722	21	46,713,166	0.000532	-0.206	-0.131				<i>LOC642852</i>	Body
cg15669228	9	21,409,505	0.048344	-0.206	-0.139	3.15E-07	-0.155		<i>IFNA8</i>	1stExon
cg22288927	4	144,482,688	2.2E-06	-0.206	-0.211					
cg00126657	X	47,967,250	0.004131	-0.206	-0.144	6.75E-12	-0.138		<i>SSX6</i>	TSS200
cg12043732	20	61,284,223	1E-19	-0.206	-0.180				<i>SLCO4A1</i>	5'UTR
cg20140940	1	241,390,013	0.024876	-0.206	-0.239				<i>RGS7</i>	Body
cg26561254	15	89,164,044	5.56E-09	-0.206	-0.199	4.74E-09	-0.075		<i>AEN</i>	TSS1500
cg11371706	10	117,817,578	0.048447	-0.206	-0.123				<i>GFRA1</i>	3'UTR
cg19270309	17	77,712,853	0.000457	-0.206	-0.181				<i>ENPP7</i>	3'UTR
cg07696099	8	133,573,809	0.000138	-0.206	-0.208				<i>HPYR1</i>	TSS200
cg02608124	11	18,193,422	0.002653	-0.206	-0.132				<i>MRGPRX4</i>	TSS1500
cg06853230	7	57,832,834	0.010283	-0.206	-0.185					
cg12030523	5	126,984,765	1.08E-06	-0.206	-0.202				<i>CTXN3</i>	1stExon
cg18890615	13	112,161,629	0.009452	-0.206	-0.164			Yes		
cg20025677	6	44,217,736	8.33E-05	-0.206	-0.166				<i>HSP90AB1</i>	Body
cg00231085	5	1,773,166	0.001474	-0.206	-0.168					
cg13441891	16	85,648,370	1.53E-05	-0.206	-0.194				<i>KIAA0182</i>	5'UTR
cg05008296	14	68,163,792	4.24E-06	-0.206	-0.197				<i>RDH11</i>	TSS1500
cg19511425	X	13,749,859	5.48E-06	-0.206	-0.195				<i>TRAPPC2</i>	5'UTR
cg02835977	1	37,782,729	0.027638	-0.206	-0.130					
cg02658528	13	113,689,139	7.02E-06	-0.206	-0.165				<i>MCF2L</i>	Body
cg03538079	7	34,874,196	0.008301	-0.206	-0.175				<i>AAA1</i>	TSS1500
cg05553829	8	57,307,649	0.000264	-0.206	-0.209				<i>SDR16C6</i>	1stExon
cg24459209	11	57,148,215	7.4E-05	-0.206	-0.244	0.00807386	-0.065		<i>PRG3</i>	5'UTR
cg07664312	12	18,433,550	0.014345	-0.206	-0.164				<i>PIK3C2G</i>	5'UTR
cg23949925	11	68,147,880	4.79E-07	-0.206	-0.167				<i>LRP5</i>	Body
cg22416002	22	39,713,062	2.11E-09	-0.206	-0.182				<i>RPL3</i>	Body
cg04479876	5	38,479,736	0.003226	-0.206	-0.187				<i>LIFR</i>	3'UTR
cg20868817	1	160,677,398	0.000785	-0.206	-0.188				<i>CD48</i>	Body
cg21691065	1	2,804,835	0.00603	-0.206	-0.139					
cg20619751	13	114,092,131	8.35E-08	-0.206	-0.181				<i>ADPRHL1</i>	Body
cg02022322	12	109,576,193	0.022782	-0.206	-0.113				<i>ACACB</i>	TSS1500
cg21293933	20	42,539,946	1.25E-05	-0.206	-0.192					

cg21730821	X	100,717,965	0.019894	-0.206	-0.222				<i>ARMCX4</i>	Body
cg25073998	2	47,492,481	0.001275	-0.206	-0.192					
cg26131315	4	140,787,316	1.36E-07	-0.206	-0.201				<i>MAML3</i>	Body
cg23108559	14	55,491,009	0.021905	-0.206	-0.216				<i>WDHD1</i>	5'UTR
cg07897871	1	201,979,846	9.47E-05	-0.206	-0.204				<i>ELF3</i>	5'UTR
cg06321300	1	104,239,696	0.031932	-0.206	-0.097				<i>AMY1B</i>	TSS1500
cg26277069	10	19,352,926	0.002507	-0.206	-0.124					
cg12300018	8	63,903,574	0.048008	-0.206	-0.157				<i>NKAIN3</i>	3'UTR
cg12611448	3	185,255,217	5.77E-10	-0.206	-0.203				<i>LIPH</i>	Body
cg19045344	X	84,364,350	0.030174	-0.206	-0.107				<i>SATL1</i>	TSS1500
cg00111778	2	3,833,127	5.99E-08	-0.206	-0.213					
cg07625619	16	69,050,940	3.1E-05	-0.206	-0.196				<i>TMCO7</i>	Body
cg10987788	11	34,535,377	0.009252	-0.206	-0.207				<i>ELF5</i>	TSS200
cg21568141	6	169,235,962	9.93E-05	-0.206	-0.101					
cg18884447	14	105,018,912	0.003779	-0.206	-0.080					
cg05924537	3	169,588,423	0.014169	-0.206	-0.297				<i>LRRC31</i>	TSS1500
cg23735602	3	178,276,672	2.97E-05	-0.206	-0.222				<i>KCNMB2</i>	5'UTR
cg01241450	1	3,110,867	0.043481	-0.206	-0.049				<i>PRDM16</i>	Body
cg04456892	11	6,898,245	0.038728	-0.206	-0.234				<i>OR10A4</i>	1stExon
cg07612300	2	242,033,426	1.59E-05	-0.206	-0.200				<i>MTERFD2</i>	Body
cg03574946	4	65,723,509	0.016598	-0.206	-0.143					
cg22512041	2	22,504,250	0.001193	-0.206	-0.133					
cg22759185	19	1,492,038	7.7E-06	-0.206	-0.230	4.88E-23	-0.158		<i>REEP6</i>	Body
cg06758484	10	109,671,761	0.019569	-0.207	-0.160					
cg07340894	8	8,238,774	0.002987	-0.207	-0.204				<i>PRAGMIN</i>	Body
cg00095629	6	168,811,070	0.002028	-0.207	-0.179					
cg14852603	6	164,585,948	0.026176	-0.207	-0.197					
cg18934443	7	149,569,776	1.94E-06	-0.207	-0.220				<i>ATP6VOE2</i>	TSS1500
cg20900312	14	77,670,584	7.05E-06	-0.207	-0.221				<i>TMEM63C</i>	5'UTR
cg16974699	22	20,858,742	1.23E-07	-0.207	-0.167					
cg16928869	20	60,397,766	0.023876	-0.207	-0.135			Yes	<i>CDH4</i>	Body
cg24750674	17	79,097,243	0.029145	-0.207	-0.168				<i>AATK</i>	Body
cg05134325	13	52,423,122	2.07E-05	-0.207	-0.194					
cg27118080	6	159,618,364	0.000623	-0.207	-0.222				<i>FNDC1</i>	Body



cg02760280	1	21,993,555	0.001451	-0.207	-0.210				<i>RAP1GAP</i>	5'UTR
cg07804658	5	100,108,624	0.00276	-0.207	-0.222					
cg17815049	1	246,728,663	1.6E-08	-0.207	-0.176				<i>CNST</i>	TSS1500
cg06852395	17	7,478,131	2.09E-09	-0.207	-0.177				<i>EIF4A1</i>	Body
cg13621396	4	26,861,261	0.000132	-0.207	-0.195				<i>STIM2</i>	TSS1500
cg10391102	1	3,206,316	0.008536	-0.207	-0.104				<i>PRDM16</i>	Body
cg27312242	15	50,116,359	1.21E-05	-0.207	-0.219					
cg15042473	X	103,294,786	0.012849	-0.207	-0.149				<i>H2BFM</i>	1stExon
cg23995738	15	102,308,058	1.04E-05	-0.207	-0.142					
cg06497051	1	156,261,200	1.59E-08	-0.207	-0.183				<i>TMEM79</i>	Body
cg24494262	4	155,339,844	0.000332	-0.207	-0.106				<i>DCHS2</i>	Body
cg24950067	21	43,406,941	8.59E-05	-0.207	-0.150				<i>ZNF295</i>	3'UTR
cg13616190	8	88,041,484	0.022324	-0.207	-0.177				<i>CNBD1</i>	Body
cg27312652	21	38,073,517	5.63E-06	-0.207	-0.201				<i>SIM2</i>	Body
cg13765621	1	158,149,228	2.79E-05	-0.207	-0.172	1.17E-15	-0.179		<i>CD1D</i>	TSS1500
cg12069151	6	30,580,546	9.92E-05	-0.207	-0.176				<i>PPP1R10</i>	5'UTR
cg09473585	3	62,305,519	0.000145	-0.207	-0.208	0.00014063	-0.104		<i>C3orf14</i>	5'UTR
cg06572974	15	93,442,219	0.002355	-0.207	-0.196	8.1E-08	-0.134		<i>CHD2</i>	TSS1500
cg23817132	13	56,790,593	0.007435	-0.207	-0.141					
cg27139836	2	219,868,065	0.039299	-0.207	-0.212				<i>CCDC108</i>	Body
cg07282879	11	49,843,431	1.6E-05	-0.207	-0.194					
cg02441982	17	76,183,641	4.1E-05	-0.207	-0.183				<i>AFMID</i>	Body
cg04587424	2	776,719	1.15E-12	-0.207	-0.198					
cg03527802	16	29,819,931	7.52E-21	-0.207	-0.197				<i>MAZ</i>	Body
cg04117590	3	139,346,788	2.17E-06	-0.207	-0.184				<i>NMNAT3</i>	5'UTR
cg06526622	2	196,458,613	0.01735	-0.207	-0.182					
cg11841867	18	11,153,912	1.37E-06	-0.207	-0.201					
cg15335683	11	66,465,299	0.001356	-0.207	-0.186			Yes	<i>SPTBN2</i>	Body
cg23709855	14	21,927,732	0.000445	-0.207	-0.169				<i>RAB2B</i>	Body
cg03901431	16	85,517,684	6.76E-06	-0.207	-0.140					
cg19539385	7	6,095,195	1.41E-05	-0.207	-0.212				<i>EIF2AK1</i>	Body
cg25002350	15	94,771,562	3.59E-06	-0.207	-0.196					
cg03310594	7	22,704,316	0.001229	-0.207	-0.156					
cg11323828	15	41,230,578	3.7E-09	-0.207	-0.186				<i>DLL4</i>	3'UTR

cg15714227	5	2,225,482	0.003351	-0.207	-0.255					
cg03815683	16	61,897,489	0.044424	-0.207	-0.100				<i>CDH8</i>	Body
cg13692426	9	79,625,269	6.03E-06	-0.207	-0.191					
cg02662170	10	133,508,385	0.035142	-0.207	-0.102					
cg08448341	6	134,324,873	2.92E-05	-0.207	-0.223				<i>SLC2A12</i>	Body
cg21902964	14	101,198,397	0.019463	-0.207	-0.103				<i>DLK1</i>	Body
cg04094548	1	39,301,897	0.00761	-0.207	-0.123					
cg14492992	15	53,101,548	0.014897	-0.207	-0.209					
cg24849831	17	17,389,971	0.003312	-0.207	-0.122				<i>MED9</i>	Body
cg06036459	18	75,884,536	0.035927	-0.207	-0.091					
cg12911556	7	26,403,780	8.41E-06	-0.207	-0.208				<i>SNX10</i>	Body
cg15778089	3	35,721,037	0.049972	-0.207	-0.169				<i>ARPP-21</i>	5'UTR
cg02050028	7	43,156,037	0.00855	-0.207	-0.139				<i>HECW1</i>	5'UTR
cg00862016	3	13,859,125	0.026007	-0.207	-0.164					
cg01449973	16	87,027,662	0.046494	-0.207	-0.084					
cg01799015	19	707,791	1.23E-08	-0.207	-0.200				<i>PALM</i>	TSS1500
cg04170298	15	86,805,563	9.87E-05	-0.207	-0.196				<i>AGBL1</i>	Body
cg06538345	19	49,993,186	2.04E-06	-0.207	-0.206				<i>RPL13AP5</i>	Body
cg25963412	4	8,412,369	0.003491	-0.207	-0.174				<i>ACOX3</i>	Body
cg20128319	2	97,174,815	1.21E-05	-0.207	-0.154				<i>NEURL3</i>	TSS1500
cg27156515	11	9,879,023	7.36E-06	-0.207	-0.207				<i>SBF2</i>	Body
cg11186224	6	132,859,485	0.003204	-0.207	-0.136				<i>TAAR9</i>	1stExon
cg26654827	7	100,738,414	0.000268	-0.207	-0.128					
cg17869851	1	230,976,414	0.001145	-0.207	-0.192				<i>C1orf198</i>	Body
cg00574819	4	128,981,252	2.25E-06	-0.207	-0.209				<i>LARP1B</i>	TSS1500
cg00150837	3	52,721,831	3.68E-08	-0.207	-0.207				<i>GNL3</i>	Body
cg00871207	14	89,080,250	0.000114	-0.207	-0.195					
cg18758405	10	107,451,306	3.27E-06	-0.207	-0.192					
cg03514770	8	19,313,167	0.000745	-0.207	-0.207				<i>CSGALNACT1</i>	Body
cg18416585	4	62,756,100	0.041607	-0.207	-0.156				<i>LPHN3</i>	Body
cg12273506	10	70,627,857	0.011551	-0.207	-0.160				<i>STOX1</i>	5'UTR
cg14933439	16	49,407,794	0.015736	-0.207	-0.209				<i>C16orf78</i>	TSS200
cg14711592	1	157,839,587	0.008858	-0.207	-0.172					
cg00592494	X	75,249,222	0.022481	-0.207	-0.175					

cg12200188	7	111,496,282	0.0013	-0.207	-0.200				<i>DOCK4</i>	Body
cg01115380	6	1,552,904	0.001051	-0.207	-0.102					
cg11253879	1	3,664,522	2.6E-07	-0.207	-0.199				<i>KIAA0495</i>	TSS1500
cg17488785	X	140,009,093	0.016547	-0.207	-0.227				<i>MIR320D2</i>	TSS1500
cg19386998	6	28,351,829	2.04E-05	-0.207	-0.126				<i>ZSCAN12</i>	Body
cg03021100	3	31,542,063	0.007092	-0.207	-0.149					
cg08269733	16	62,057,179	0.001535	-0.207	-0.116				<i>CDH8</i>	5'UTR
cg27280332	12	77,378,563	0.002857	-0.207	-0.217					
cg25564800	3	122,234,134	4.63E-10	-0.207	-0.219	6.63E-15	-0.070		<i>KPNA1</i>	TSS1500
cg06818582	15	67,286,903	0.002416	-0.207	-0.174					
cg11583392	7	103,087,458	2.32E-08	-0.207	-0.209				<i>SLC26A5</i>	TSS1500
cg18560366	3	109,057,564	0.006342	-0.207	-0.155				<i>DPPA4</i>	TSS1500
cg12349422	3	52,485,216	0.001787	-0.207	-0.106				<i>TNNC1</i>	3'UTR
cg14398214	17	56,493,260	0.000328	-0.207	-0.211				<i>RNF43</i>	5'UTR
cg03331924	1	208,038,413	3.03E-05	-0.207	-0.193					
cg12423553	21	47,541,643	0.028808	-0.207	-0.105				<i>COL6A2</i>	Body
cg16604658	12	64,847,188	3.22E-06	-0.207	-0.184				<i>TBK1</i>	5'UTR
cg04927725	8	30,670,732	2.83E-05	-0.207	-0.185				<i>PPP2CB</i>	TSS1500
cg14481339	11	128,737,319	8.36E-05	-0.207	-0.211	2.34E-08	-0.097		<i>KCNJ1</i>	TSS200
cg21439896	1	36,108,233	0.002992	-0.207	-0.162				<i>PSMB2</i>	TSS1500
cg04578317	14	105,189,737	0.000001	-0.207	-0.226				<i>ADSSL1</i>	TSS1500
cg01150351	1	4,220,528	0.002907	-0.207	-0.110					
cg02096790	16	89,920,010	0.028631	-0.207	-0.120				<i>SPIRE2</i>	Body
cg07516742	8	55,383,951	0.018437	-0.207	-0.140					
cg02391410	16	59,790,082	0.012452	-0.207	-0.148				<i>LOC644649</i>	TSS1500
cg20239081	12	121,687,822	0.000362	-0.207	-0.139				<i>CAMKK2</i>	Body
cg02072170	3	194,406,190	0.000104	-0.207	-0.139				<i>FAM43A</i>	TSS1500
cg03457781	3	20,418,856	0.009872	-0.207	-0.196			Yes		
cg16596250	7	53,099,739	0.026371	-0.207	-0.129					
cg24288715	6	163,745,629	1.11E-05	-0.207	-0.219				<i>LOC285796</i>	TSS200
cg27056759	14	105,373,391	0.007892	-0.207	-0.140					
cg01790523	2	167,229,656	0.012227	-0.207	-0.148				<i>SCN9A</i>	5'UTR
cg13423469	10	116,856,408	4.75E-05	-0.207	-0.210				<i>ATRNL1</i>	Body
cg04329382	22	46,480,891	3.11E-07	-0.207	-0.188				<i>LOC400931</i>	TSS1500

cg11252555	19	49,993,865	0.032695	-0.207	-0.120				<i>RPL13AP5</i>	Body
cg25960090	5	127,277,370	0.00018	-0.207	-0.202					
cg17007389	7	55,874,624	0.044719	-0.207	-0.099				<i>SEPT14</i>	Body
cg21771528	5	18,745,861	0.01711	-0.207	-0.175					
cg12920333	14	71,805,172	1.6E-07	-0.207	-0.224					
cg18146074	2	232,242,955	0.000499	-0.207	-0.183					
cg16459890	11	104,916,331	0.044421	-0.208	-0.118				<i>CASP1</i>	Body
cg05982301	5	121,751,763	0.000111	-0.208	-0.172				<i>SNCAIP</i>	Body
cg15163151	8	100,906,373	0.001071	-0.208	-0.225				<i>COX6C</i>	TSS1500
cg15328241	2	80,547,585	0.001478	-0.208	-0.247				<i>CTNNA2</i>	Body
cg18087953	11	68,964,113	0.000531	-0.208	-0.121					
cg06276810	6	153,224,221	0.003312	-0.208	-0.136					
cg22608619	1	10,703,231	0.001396	-0.208	-0.154				<i>CASZ1</i>	Body
cg02339243	19	8,810,253	0.011717	-0.208	-0.150				<i>ACTL9</i>	TSS1500
cg01386157	6	29,403,982	0.011111	-0.208	-0.190					
cg15618525	5	180,022,909	5.26E-05	-0.208	-0.196					
cg04010040	4	93,646,144	0.000558	-0.208	-0.162				<i>GRID2</i>	Body
cg08187034	2	38,970,936	2.76E-08	-0.208	-0.200				<i>SFRS7</i>	3'UTR
cg09109133	16	82,688,759	0.012268	-0.208	-0.178				<i>CDH13</i>	Body
cg08048699	11	57,296,305	7.22E-08	-0.208	-0.206				<i>TIMM10</i>	Body
cg15082843	7	130,371,296	0.000212	-0.208	-0.143				<i>TSGA13</i>	5'UTR
cg04568121	13	102,072,766	0.005918	-0.208	-0.158					
cg16471612	5	127,294,693	0.000102	-0.208	-0.200					
cg04286438	8	144,898,672	5.85E-10	-0.208	-0.172				<i>PUF60</i>	3'UTR
cg17934470	5	49,959,703	0.000223	-0.208	-0.165					
cg26753302	18	61,143,993	0.000693	-0.208	-0.178				<i>SERPINB5</i>	TSS200
cg27508281	16	87,027,322	0.040179	-0.208	-0.072					
cg04334496	6	133,953,605	0.012413	-0.208	-0.174					
cg12072611	14	22,433,693	0.008749	-0.208	-0.188					
cg12391048	16	2,770,336	0.000289	-0.208	-0.243	4.49E-09	-0.110		<i>PRSS27</i>	1stExon
cg10082354	11	131,672,204	0.003547	-0.208	-0.192				<i>NTM</i>	Body
cg14733867	8	144,884,056	0.01201	-0.208	-0.180				<i>SCRIB</i>	Body
cg15008587	4	122,927,073	0.013806	-0.208	-0.184					
cg01469547	11	7,847,155	0.016088	-0.208	-0.165	0.00000644	-0.129	Yes	<i>OR5P3</i>	1stExon

cg04397593	16	55,880,243	0.009969	-0.208	-0.136			Yes	<i>CES7</i>	3'UTR
cg21610297	12	53,857,464	0.000951	-0.208	-0.198				<i>PCBP2</i>	Body
cg22619784	6	32,793,355	6.65E-07	-0.208	-0.206				<i>TAP2</i>	3'UTR
cg27295288	14	58,616,337	0.015198	-0.208	-0.217				<i>C14orf37</i>	5'UTR
cg12792367	7	100,238,750	0.008784	-0.208	-0.125	5.31E-10	-0.094		<i>TFR2</i>	Body
cg19107435	3	191,588,392	0.046203	-0.208	-0.089					
cg21322022	2	115,421,931	0.021156	-0.208	-0.132				<i>DPP10</i>	Body
cg03813951	X	52,684,130	0.002612	-0.208	-0.165				<i>SSX7</i>	TSS200
cg02244933	16	71,324,066	1.85E-08	-0.208	-0.246				<i>FTSJD1</i>	TSS1500
cg23988024	19	594,272	0.000628	-0.208	-0.146				<i>HCN2</i>	Body
cg08385211	10	50,118,141	0.038375	-0.208	-0.106				<i>LRRC18</i>	3'UTR
cg25342642	1	2,743,491	0.001394	-0.208	-0.189					
cg05836475	X	73,163,537	6.65E-09	-0.208	-0.207				<i>LOC554203</i>	TSS1500
cg10708400	6	30,130,449	7.55E-08	-0.208	-0.185				<i>TRIM15</i>	TSS1500
cg14924160	13	41,496,235	0.036017	-0.208	-0.278				<i>SUGT1L1</i>	TSS1500
cg19359983	13	103,346,900	0.031936	-0.208	-0.084				<i>C13orf39</i>	TSS200
cg22901249	8	5,762,990	0.042962	-0.208	-0.137					
cg27058221	16	14,766,421	4.94E-07	-0.208	-0.221				<i>PLA2G10</i>	3'UTR
cg09684245	1	57,263,497	0.000965	-0.208	-0.177				<i>C1orf168</i>	Body
cg20695587	4	68,995,759	2.2E-05	-0.208	-0.195	0.00235185	-0.050		<i>TMPRSS11F</i>	TSS200
cg01311955	11	132,965,250	0.018294	-0.208	-0.103				<i>OPCML</i>	Body
cg02016764	4	38,805,732	3.28E-10	-0.208	-0.197				<i>TLR1</i>	5'UTR
cg05696436	16	1,373,786	2.11E-07	-0.208	-0.214				<i>UBE2I</i>	Body
cg08195632	16	51,059,377	0.020342	-0.208	-0.187					
cg10067062	21	44,086,302	4.5E-19	-0.208	-0.198				<i>PDE9A</i>	Body
cg05881682	3	95,402,607	3.34E-05	-0.208	-0.185					
cg12950492	4	187,000,846	0.001758	-0.208	-0.223				<i>TLR3</i>	Body
cg15613991	7	5,277,080	2.02E-05	-0.208	-0.165					
cg26532664	1	2,739,523	0.004402	-0.208	-0.159					
cg02074956	16	4,730,657	4.73E-07	-0.208	-0.170				<i>MGRN1</i>	Body
cg04790169	11	1,673,436	0.032161	-0.208	-0.156				<i>HCCA2</i>	Body
cg23589587	1	75,558,249	3.02E-06	-0.208	-0.204					
cg06768993	4	8,443,412	8.99E-05	-0.208	-0.197				<i>ACOX3</i>	TSS1500
cg05078091	11	129,984,345	0.003228	-0.208	-0.218				<i>APLP2</i>	Body

cg15001372	7	44,229,892	7.69E-07	-0.208	-0.166				<i>GCK</i>	TSS1500
cg17868307	7	73,597,649	2.88E-05	-0.208	-0.229				<i>EIF4H</i>	Body
cg00651359	7	132,219,281	0.019654	-0.208	-0.130				<i>PLXNA4</i>	5'UTR
cg24466229	8	32,618,341	0.010695	-0.208	-0.188				<i>NRG1</i>	Body
cg05119686	10	31,967,157	7.39E-06	-0.208	-0.198					
cg07007062	5	38,417,095	4.58E-06	-0.208	-0.208				<i>EGFLAM</i>	Body
cg16031846	8	33,628,265	3.13E-05	-0.208	-0.189					
cg27275374	7	47,539,765	1.22E-07	-0.208	-0.198				<i>TNS3</i>	5'UTR
cg02929780	11	59,282,555	0.002756	-0.208	-0.172				<i>OR4D9</i>	1stExon
cg18229092	2	196,228,235	1.09E-05	-0.208	-0.188					
cg06746365	7	151,468,796	3.27E-05	-0.208	-0.109				<i>PRKAG2</i>	Body
cg12050175	10	44,754,714	2.92E-07	-0.208	-0.204			Yes		
cg00750606	1	20,899,121	1.64E-05	-0.208	-0.176					
cg12074915	7	6,882,112	0.001509	-0.208	-0.223					
cg25485734	10	30,981,289	0.005575	-0.208	-0.142					
cg07672631	10	38,445,710	0.031808	-0.208	-0.145					
cg23290556	10	81,707,922	0.000477	-0.208	-0.157				<i>SFTPD</i>	5'UTR
cg02853387	11	117,484,904	0.005976	-0.208	-0.108				<i>DSCAML1</i>	Body
cg21150843	4	153,641,409	0.001634	-0.208	-0.212					
cg07483086	2	150,444,834	0.000698	-0.208	-0.212				<i>MMADHC</i>	TSS1500
cg23161359	X	21,960,400	3.61E-09	-0.208	-0.164				<i>SMS</i>	Body
cg07220366	8	10,405,379	0.001967	-0.208	-0.201					
cg04946506	14	104,646,441	0.03085	-0.208	-0.077				<i>KIF26A</i>	3'UTR
cg23768940	12	108,585,952	9.28E-07	-0.208	-0.220				<i>WSCD2</i>	5'UTR
cg26522708	1	10,839,450	8.05E-06	-0.208	-0.210				<i>CASZ1</i>	5'UTR
cg27418851	10	54,531,653	0.00028	-0.208	-0.182				<i>MBL2</i>	TSS200
cg18444589	14	101,521,608	0.029342	-0.208	-0.177				<i>MIR485</i>	TSS200
cg19165216	11	811,661	2.45E-11	-0.208	-0.198				<i>RPLP2</i>	Body
cg07153978	5	35,773,878	0.000222	-0.208	-0.203				<i>SPEF2</i>	Body
cg03097190	22	32,854,361	0.001653	-0.208	-0.164				<i>BPIL2</i>	TSS1500
cg13496244	7	4,925,830	0.028275	-0.208	-0.076					
cg00326648	2	61,246,248	6.43E-08	-0.208	-0.173				<i>PEX13</i>	Body
cg06111374	12	14,109,584	0.033678	-0.208	-0.206				<i>GRIN2B</i>	5'UTR
cg17987059	13	28,752,067	7.48E-05	-0.208	-0.242				<i>PAN3</i>	Body

cg02467735	8	143,999,729	0.038642	-0.208	-0.106				<i>CYP11B2</i>	TSS1500
cg07592388	3	191,178,814	0.000438	-0.208	-0.128				<i>PYDC2</i>	TSS200
cg20837735	18	61,144,177	0.00117	-0.208	-0.186				<i>SERPINB5</i>	1stExon
cg16563470	17	40,119,847	2.31E-06	-0.208	-0.200				<i>CNP</i>	Body
cg09044294	2	50,234,533	0.002781	-0.208	-0.146				<i>NRXN1</i>	Body
cg08607280	19	58,693,421	3.86E-09	-0.208	-0.203				<i>ZNF274</i>	TSS1500
cg24333364	12	128,869,782	0.025649	-0.208	-0.151				<i>TMEM132C</i>	Body
cg22461018	4	174,538,011	0.008483	-0.208	-0.188	1.01E-07	-0.087		<i>MORF4</i>	TSS1500
cg22789515	1	233,432,915	0.000335	-0.208	-0.123				<i>PCNXL2</i>	TSS1500
cg02130289	17	80,732,581	4.51E-06	-0.208	-0.192				<i>TBCD</i>	Body
cg07142325	1	119,684,001	0.004569	-0.208	-0.137				<i>WARS2</i>	TSS1500
cg07990681	16	86,666,077	0.035216	-0.208	-0.129					
cg05305046	5	40,841,315	0.001689	-0.208	-0.177				<i>CARD6</i>	TSS200
cg09315586	13	104,168,550	0.005214	-0.208	-0.216					
cg22115706	7	130,125,719	0.006043	-0.208	-0.183				<i>MEST</i>	TSS1500
cg02547263	20	32,450,501	5.09E-09	-0.208	-0.199					
cg18674828	12	132,839,436	0.003794	-0.208	-0.112				<i>GALNT9</i>	Body
cg20724862	5	84,943,476	0.010662	-0.208	-0.167					
cg16958148	7	49,060,407	5.09E-09	-0.208	-0.222					
cg24393844	12	68,115,110	3.55E-09	-0.208	-0.204					
cg05477331	11	133,716,207	0.040088	-0.208	-0.104				<i>SPATA19</i>	TSS1500
cg14308375	4	111,545,119	0.018402	-0.208	-0.132				<i>PITX2</i>	TSS1500
cg19970883	15	35,082,573	8.03E-05	-0.208	-0.218				<i>ACTC1</i>	3'UTR
cg06917998	14	73,269,031	0.008655	-0.208	-0.226				<i>DPF3</i>	Body
cg08099626	17	3,213,032	0.013833	-0.208	-0.159				<i>OR3A4</i>	TSS1500
cg06829157	1	93,430,542	2.01E-05	-0.208	-0.177					
cg15528411	18	5,545,169	0.026678	-0.208	-0.243				<i>EPB41L3</i>	TSS1500
cg26114457	1	157,895,649	0.001325	-0.208	-0.172					
cg26390400	5	10,556,455	0.000179	-0.208	-0.178					
cg14434922	9	991,047	0.014651	-0.208	-0.143				<i>DMRT3</i>	3'UTR
cg00238543	20	56,246,759	0.009835	-0.209	-0.214				<i>PMEPA1</i>	5'UTR
cg01449756	4	128,125,758	0.017726	-0.209	-0.140					
cg17987968	5	152,869,882	2.62E-05	-0.209	-0.222				<i>GRIA1</i>	TSS1500
cg25546004	11	114,645,223	0.000315	-0.209	-0.168					

cg27027375	4	6,695,319	0.001366	-0.209	-0.221				<i>S100P</i>	TSS1500
cg01996004	5	180,338,435	0.006516	-0.209	-0.213				<i>BTNL8</i>	5'UTR
cg04844534	11	13,073,904	4.53E-07	-0.209	-0.202					
cg13777287	6	154,830,168	1.95E-11	-0.209	-0.203				<i>CNKSR3</i>	Body
cg09601514	2	119,698,352	0.001419	-0.209	-0.233				<i>MARCO</i>	TSS1500
cg11728145	2	1,658,190	0.001455	-0.209	-0.187				<i>PXDN</i>	Body
cg27304415	3	77,064,282	0.01534	-0.209	-0.169					
cg20932426	1	2,415,221	3.44E-05	-0.209	-0.159				<i>PLCH2</i>	Body
cg20312418	10	10,403,467	0.047648	-0.209	-0.181					
cg23395692	12	23,119,040	0.039673	-0.209	-0.142					
cg08234372	16	86,094,189	0.030005	-0.209	-0.076					
cg09076299	10	9,920,000	7.38E-05	-0.209	-0.196					
cg02848961	1	202,091,865	7.77E-05	-0.209	-0.141				<i>GPR37L1</i>	TSS200
cg08988797	8	102,505,513	1.86E-13	-0.209	-0.199				<i>GRHL2</i>	Body
cg21375452	12	9,997,326	0.011114	-0.209	-0.138				<i>KLRF1</i>	3'UTR
cg24057107	7	117,970,353	1.71E-05	-0.209	-0.204					
cg21149595	14	93,813,495	0.013555	-0.209	-0.100				<i>KIAA1409</i>	5'UTR
cg23244761	6	161,796,850	0.001368	-0.209	-0.207				<i>PARK2</i>	Body
cg00673646	11	59,950,525	7.38E-08	-0.209	-0.211				<i>MS4A6A</i>	1stExon
cg09673807	6	33,575,719	5.31E-09	-0.209	-0.180					
cg18639495	10	70,584,876	6.11E-05	-0.209	-0.169					
cg12687069	11	5,474,001	3.16E-05	-0.209	-0.168				<i>OR5112</i>	TSS1500
cg22593395	3	21,038,502	0.042045	-0.209	-0.219					
cg26315457	2	48,759,821	9.68E-11	-0.209	-0.205					
cg09805403	16	12,010,698	6.58E-07	-0.209	-0.224				<i>GSPT1</i>	TSS1500
cg13460378	2	88,788,866	0.032169	-0.209	-0.058					
cg16178855	20	56,269,979	0.000261	-0.209	-0.250				<i>PMEPA1</i>	5'UTR
cg13282691	13	112,555,987	0.018841	-0.209	-0.048					
cg18787420	20	30,309,466	8.21E-10	-0.209	-0.218				<i>BCL2L1</i>	Body
cg13704497	6	31,590,622	8.35E-06	-0.209	-0.204				<i>SNORA38</i>	TSS1500
cg02936263	17	32,596,886	0.032583	-0.209	-0.087				<i>CCL7</i>	TSS1500
cg03625515	16	18,157,108	0.035706	-0.209	-0.153					
cg05164406	16	29,830,908	0.000946	-0.209	-0.195				<i>C16orf53</i>	Body
cg19676238	1	2,342,094	0.00031	-0.209	-0.229				<i>PEX10</i>	Body



cg04049225	16	85,672,175	0.002026	-0.209	-0.152				<i>KIAA0182</i>	5'UTR
cg12529432	8	23,538,610	0.009245	-0.209	-0.169				<i>NKX3-1</i>	3'UTR
cg19844110	4	9,533,426	9.73E-05	-0.209	-0.197					
cg25532292	6	30,415,782	0.035806	-0.209	-0.134					
cg01719179	16	29,296,693	3.32E-08	-0.209	-0.197					
cg06593447	7	7,832,563	0.006713	-0.209	-0.133					
cg15912390	3	194,826,514	0.015855	-0.209	-0.241				<i>C3orf21</i>	Body
cg16594910	11	132,107,419	0.045389	-0.209	-0.129				<i>NTM</i>	Body
cg00157656	8	644,663	0.000491	-0.209	-0.148				<i>ERICH1</i>	Body
cg18447077	X	77,912,605	0.026828	-0.209	-0.189				<i>ZCCHC5</i>	Body
cg16029623	14	58,663,626	0.000114	-0.209	-0.185					
cg05149537	22	45,709,699	0.000144	-0.209	-0.195				<i>FAM118A</i>	5'UTR
cg04165004	16	17,299,953	2.2E-08	-0.209	-0.237				<i>XYLT1</i>	Body
cg05892146	17	3,337,184	0.01157	-0.209	-0.179				<i>OR1E2</i>	TSS200
cg01556466	7	31,146,260	0.032944	-0.209	-0.160				<i>ADCYAP1R1</i>	Body
cg02119955	13	102,104,573	0.017159	-0.209	-0.083				<i>ITGBL1</i>	TSS1500
cg14210985	12	28,115,804	1.82E-06	-0.209	-0.221				<i>PTHLH</i>	Body
cg05058809	16	834,201	5.37E-08	-0.209	-0.146				<i>MSLNL</i>	TSS1500
cg05357338	2	364,326	1.32E-05	-0.209	-0.144					
cg06427176	5	178,854,265	0.038701	-0.209	-0.157					
cg11802013	11	69,469,175	2.16E-05	-0.209	-0.204				<i>CCND1</i>	3'UTR
cg25471639	4	26,063,077	0.00767	-0.209	-0.123					
cg21245207	9	136,837,406	4.98E-05	-0.209	-0.223				<i>VAV2</i>	Body
cg00434535	7	9,022,554	0.041566	-0.209	-0.146					
cg11428427	X	151,563,983	0.035742	-0.209	-0.098				<i>MIR105-2</i>	TSS1500
cg15906260	3	186,505,240	4.27E-13	-0.209	-0.206				<i>SNORA4</i>	TSS200
cg21534317	2	115,602,681	0.004013	-0.209	-0.167				<i>DPP10</i>	Body
cg01777913	12	7,077,090	9.75E-08	-0.209	-0.214				<i>PHB2</i>	Body
cg22446491	15	98,961,376	0.031486	-0.209	-0.101					
cg26495526	16	49,407,968	0.048036	-0.209	-0.184				<i>C16orf78</i>	1stExon
cg22791045	11	133,403,793	0.014736	-0.209	-0.155				<i>OPCML</i>	TSS1500
cg02755847	6	29,232,651	9.98E-06	-0.209	-0.218					
cg17589883	11	1,260,199	0.000123	-0.209	-0.197				<i>MUC5B</i>	Body
cg03128219	10	50,366,272	0.000974	-0.209	-0.197				<i>C10orf128</i>	Body

cg10057126	4	77,819,792	0.004673	-0.209	-0.178				<i>ANKRD56</i>	TSS1500
cg22693863	19	14,118,191	2.29E-06	-0.209	-0.239				<i>RFX1</i>	TSS1500
cg23173806	6	30,299,968	7.52E-05	-0.209	-0.210				<i>TRIM39</i>	Body
cg05973132	2	240,451,894	0.006527	-0.209	-0.155					
cg07161395	16	51,390,410	0.039726	-0.209	-0.172					
cg10988075	12	115,751,106	0.01926	-0.209	-0.265					
cg20911707	8	3,855,415	0.016887	-0.209	-0.120				<i>CSMD1</i>	Body
cg15348679	21	45,626,491	8.9E-09	-0.209	-0.205					
cg24633312	7	43,300,742	0.008876	-0.209	-0.170				<i>HECW1</i>	Body
cg09174601	17	13,442,632	0.022869	-0.209	-0.104				<i>HS3ST3A1</i>	Body
cg20995127	2	135,808,369	0.00173	-0.209	-0.178				<i>RAB3GAP1</i>	TSS1500
cg26029547	6	31,939,085	2.9E-08	-0.209	-0.214				<i>STK19</i>	TSS1500
cg08818297	5	44,911,232	0.020018	-0.209	-0.151					
cg06572812	15	27,110,587	0.005624	-0.209	-0.143				<i>GABRA5</i>	TSS1500
cg23870181	6	32,713,044	0.008351	-0.209	-0.115			Yes	<i>HLA-DQA2</i>	Body
cg26327040	12	131,561,080	0.04375	-0.209	-0.143				<i>GPR133</i>	Body
cg01880929	2	36,614,588	1.79E-06	-0.209	-0.209				<i>CRIM1</i>	Body
cg08996459	10	125,617,230	0.020815	-0.209	-0.143				<i>CPXM2</i>	Body
cg02769535	2	56,574,420	0.010702	-0.209	-0.206				<i>CCDC85A</i>	Body
cg02937080	19	23,183,750	0.000146	-0.209	-0.207					
cg17288892	5	178,956,874	7.17E-06	-0.209	-0.217					
cg23066564	22	46,481,734	2.09E-07	-0.209	-0.187				<i>LOC400931</i>	TSS200
cg15923139	4	186,801,896	1.57E-05	-0.209	-0.200				<i>SORBS2</i>	5'UTR
cg19961980	7	55,063,854	1.12E-09	-0.209	-0.219					
cg26226546	7	103,088,199	2.38E-07	-0.209	-0.189					
cg20015986	4	62,072,253	0.035466	-0.209	-0.180					
cg08238568	1	241,474,238	0.01103	-0.209	-0.235				<i>RGS7</i>	Body
cg10358939	3	192,973,502	0.016549	-0.209	-0.137				<i>HRASLS</i>	Body
cg10437722	17	35,087,542	0.000127	-0.209	-0.204					
cg23976981	13	22,560,659	0.045028	-0.209	-0.203					
cg08899593	12	132,892,613	0.015751	-0.209	-0.096				<i>GALNT9</i>	Body
cg17206001	11	118,219,601	0.004058	-0.209	-0.071				<i>CD3G</i>	Body
cg15298173	15	29,903,900	1.62E-05	-0.209	-0.138					
cg02992596	4	155,702,220	0.002978	-0.209	-0.130	3.96E-12	-0.145		<i>RBM46</i>	TSS1500

cg20592707	1	152,086,623	0.000157	-0.209	-0.206				<i>TCHH</i>	TSS200
cg21176026	4	156,592,010	0.026245	-0.209	-0.338				<i>GUCY1A3</i>	5'UTR
cg02232377	7	86,297,084	0.002367	-0.209	-0.177				<i>GRM3</i>	5'UTR
cg14746118	X	135,569,630	0.039104	-0.209	-0.158				<i>BRS3</i>	TSS1500
cg15695194	11	35,179,802	3.05E-05	-0.209	-0.168				<i>CD44</i>	Body
cg01490663	16	87,091,301	0.028276	-0.209	-0.137					
cg16285854	11	85,469,247	6.9E-05	-0.209	-0.194				<i>SYTL2</i>	TSS1500
cg02743342	5	126,984,564	3.97E-06	-0.209	-0.224				<i>CTXN3</i>	TSS200
cg17667294	19	6,333,761	1.46E-05	-0.209	-0.232				<i>ACER1</i>	TSS200
cg12752325	11	2,137,875	0.000132	-0.209	-0.156					
cg22599740	13	76,215,076	1.92E-06	-0.209	-0.184				<i>LMO7</i>	Body
cg02363960	7	79,080,535	7.5E-07	-0.209	-0.223				<i>MAGI2</i>	Body
cg25994871	7	107,967,614	2.14E-05	-0.210	-0.184				<i>NRCAM</i>	5'UTR
cg02876129	14	75,394,075	0.000384	-0.210	-0.235					
cg00179940	12	126,978,053	0.00078	-0.210	-0.242					
cg17316078	12	127,221,700	0.043299	-0.210	-0.151					
cg19628619	1	155,104,050	4.09E-06	-0.210	-0.203				<i>EFNA1</i>	Body
cg09640621	10	129,346,391	0.005102	-0.210	-0.137				<i>NPS</i>	TSS1500
cg16586227	16	24,359,682	0.038701	-0.210	-0.155				<i>CACNG3</i>	Body
cg13986969	9	73,984,868	3.88E-05	-0.210	-0.182					
cg22063369	2	101,504,017	0.007471	-0.210	-0.273				<i>NPAS2</i>	5'UTR
cg04603355	19	35,264,987	0.003774	-0.210	-0.168				<i>ZNF599</i>	TSS1500
cg09982883	17	33,704,726	0.000105	-0.210	-0.149					
cg13049471	17	74,641,167	0.000222	-0.210	-0.199				<i>ST6GALNAC1</i>	TSS1500
cg02050232	16	29,296,614	1.36E-19	-0.210	-0.194					
cg14199629	9	84,202,866	0.001356	-0.210	-0.187				<i>TLE1</i>	Body
cg01066189	4	158,493,216	0.024407	-0.210	-0.157				<i>LOC340017</i>	TSS1500
cg07956012	1	156,542,701	4.14E-06	-0.210	-0.175				<i>IQGAP3</i>	TSS1500
cg20852364	3	30,301,024	0.012151	-0.210	-0.135					
cg07303330	6	132,945,515	0.033467	-0.210	-0.112				<i>TAAR2</i>	TSS200
cg07548668	3	151,388,160	0.012247	-0.210	-0.145					
cg03415001	4	181,480,012	0.048527	-0.210	-0.136					
cg05801374	1	24,283,657	2.49E-05	-0.210	-0.208					
cg26422784	11	62,063,821	0.002938	-0.210	-0.173				<i>SCGB1D4</i>	3'UTR

cg01829342	14	52,218,954	4.56E-05	-0.210	-0.232				
cg03541338	10	121,301,343	0.036647	-0.210	-0.267			<i>RGS10</i>	Body
cg01223204	22	22,863,655	4.79E-07	-0.210	-0.244			<i>ZNF280B</i>	TSS200
cg03468967	3	19,673,982	0.002825	-0.210	-0.188				
cg19095714	11	2,645,098	0.002223	-0.210	-0.229			<i>KCNQ1</i>	Body
cg03429348	2	233,750,589	1.96E-05	-0.210	-0.210			<i>NGEF</i>	Body
cg09588186	3	118,479,934	0.00109	-0.210	-0.239				
cg11237207	1	158,911,377	0.000916	-0.210	-0.155			<i>PYHIN1</i>	Body
cg14653988	5	167,171,284	3.56E-06	-0.210	-0.231			<i>ODZ2</i>	Body
cg07207043	6	7,051,497	0.013716	-0.210	-0.192				
cg17404981	4	1,240,264	1.01E-08	-0.210	-0.196			<i>CTBP1</i>	Body
cg13437554	19	2,272,716	2.36E-17	-0.210	-0.205			<i>OAZ1</i>	Body
cg04536957	3	184,487,758	0.003421	-0.210	-0.145				
cg07099640	16	88,292,973	7.76E-16	-0.210	-0.187				
cg18622538	12	34,523,825	0.000132	-0.210	-0.217				
cg20181079	11	59,270,409	0.025746	-0.210	-0.199			<i>OR4D11</i>	TSS1500
cg01156081	17	3,214,298	0.023119	-0.210	-0.086			<i>OR3A4</i>	Body
cg12752420	1	43,751,363	5.84E-07	-0.210	-0.213			<i>C1orf210</i>	TSS200
cg15549435	7	14,192,484	7.2E-05	-0.210	-0.197			<i>DGKB</i>	Body
cg23235622	20	34,039,349	0.000285	-0.210	-0.237				
cg24481441	1	29,509,511	1.9E-06	-0.210	-0.204			<i>SFRS4</i>	TSS1500
cg05221326	12	126,172,639	0.01417	-0.210	-0.221				
cg11809107	2	3,826,782	5.61E-06	-0.210	-0.241				
cg13917002	9	72,260,688	1.03E-05	-0.210	-0.200			<i>APBA1</i>	5'UTR
cg26978976	8	63,164,796	0.042583	-0.210	-0.171			<i>NKAIN3</i>	Body
cg15886294	12	131,767,291	0.000404	-0.210	-0.137				
cg12213811	12	122,251,152	4.7E-07	-0.210	-0.200			<i>SETD1B</i>	Body
cg20797528	6	14,218,193	0.000472	-0.210	-0.239				
cg11902093	11	1,661,972	0.000822	-0.210	-0.074			<i>HCCA2</i>	Body
cg24310126	10	124,514,711	0.00522	-0.210	-0.107			<i>FLJ46361</i>	TSS1500
cg08670181	16	48,846,942	0.017331	-0.210	-0.169				
cg14329066	8	73,885,161	0.017726	-0.210	-0.173				
cg10877315	6	141,335,831	0.000294	-0.210	-0.148				
cg17516997	15	53,100,108	1.49E-05	-0.210	-0.179				

cg22039357	1	184,388,675	6.92E-08	-0.210	-0.206				<i>C1orf21</i>	5'UTR
cg18893311	14	101,201,611	0.035445	-0.210	-0.135					
cg20993386	17	65,408,367	4.64E-07	-0.210	-0.202				<i>PITPNC1</i>	Body
cg17900015	17	38,957,507	0.000774	-0.210	-0.165				<i>KRT28</i>	TSS1500
cg14221048	9	89,735,272	0.003285	-0.210	-0.146					
cg16580289	6	90,025,307	2.52E-06	-0.210	-0.207				<i>GABRR2</i>	TSS1500
cg16725552	14	26,338,282	0.040171	-0.210	-0.065					
cg12937413	7	158,820,418	0.000372	-0.210	-0.233					
cg23262094	1	209,422,036	5.39E-18	-0.210	-0.202					
cg05231542	2	219,902,901	6.33E-06	-0.210	-0.192				<i>CCDC108</i>	Body
cg25014026	8	73,735,989	3.47E-05	-0.210	-0.173				<i>KCNB2</i>	Body
cg15717377	2	28,971,087	6E-05	-0.210	-0.203					
cg08500171	6	31,590,674	1.22E-05	-0.210	-0.208				<i>BAT2</i>	Body
cg13983692	19	3,808,649	3.12E-07	-0.210	-0.206				<i>ZFR2</i>	Body
cg23415373	6	91,086,362	0.000839	-0.210	-0.149					
cg05741638	16	90,084,774	4.64E-06	-0.210	-0.178				<i>DBNDD1</i>	Body
cg13043454	2	48,980,605	0.019601	-0.210	-0.173				<i>LHCGR</i>	Body
cg10022966	12	34,518,957	0.002073	-0.210	-0.157					
cg16985023	10	133,195,834	0.008901	-0.210	-0.125					
cg18966140	10	15,898,849	0.001993	-0.210	-0.188				<i>FAM188A</i>	Body
cg03309455	8	88,845,118	0.024364	-0.210	-0.163					
cg11274778	20	31,781,232	0.000106	-0.210	-0.203				<i>BASE</i>	TSS200
cg05383657	12	34,757,822	0.000227	-0.210	-0.215					
cg08918845	20	31,595,432	6.21E-05	-0.210	-0.229				<i>BPIL1</i>	5'UTR
cg10000148	14	101,447,095	0.005658	-0.210	-0.204				<i>SNORD114-21</i>	TSS1500
cg20668096	4	151,500,192	3.09E-06	-0.210	-0.208				<i>LRBA</i>	Body
cg12755471	12	93,096,780	7.05E-06	-0.210	-0.220				<i>C12orf74</i>	TSS200
cg00327332	20	23,498,993	0.012235	-0.210	-0.159				<i>CSTT</i>	TSS1500
cg04565216	3	171,728,208	0.002063	-0.210	-0.237					
cg07895124	16	57,599,076	0.045088	-0.210	-0.073				<i>GPR114</i>	Body
cg10546603	11	49,003,527	0.007183	-0.210	-0.145					
cg14520947	1	225,942,842	4.2E-06	-0.210	-0.235					
cg15983182	7	73,474,232	4.82E-06	-0.210	-0.209				<i>ELN</i>	Body
cg19939969	1	209,801,351	3.98E-14	-0.210	-0.202				<i>LAMB3</i>	Body

cg23048656	14	91,227,147	0.000286	-0.210	-0.131				<i>TTC7B</i>	Body
cg17256192	5	31,323,297	0.046972	-0.210	-0.150				<i>CDH6</i>	Body
cg19794481	12	7,073,240	0.000227	-0.210	-0.201				<i>MIR141</i>	TSS200
cg04334235	14	106,188,793	0.000321	-0.210	-0.217					
cg10432933	13	19,965,341	0.016625	-0.210	-0.158					
cg26111327	3	195,164,931	0.001992	-0.210	-0.146				<i>ACAP2</i>	TSS1500
cg02076020	1	201,979,938	1.47E-05	-0.210	-0.205				<i>ELF3</i>	5'UTR
cg16434510	8	129,800,022	0.04088	-0.210	-0.229					
cg01206347	7	49,811,765	0.028539	-0.210	-0.229				<i>VWC2</i>	TSS1500
cg18515872	14	72,943,461	1.65E-10	-0.210	-0.211				<i>RGS6</i>	Body
cg21165909	2	211,419,938	0.003034	-0.210	-0.192	0.00000304	-0.129		<i>CPS1</i>	Body
cg10250660	14	23,876,824	9.92E-06	-0.210	-0.190				<i>MYH6</i>	5'UTR
cg13027851	2	102,433,793	5.78E-09	-0.210	-0.171				<i>MAP4K4</i>	Body
cg01378062	3	88,961,910	0.040436	-0.210	-0.159					
cg20707786	17	79,058,303	7.9E-13	-0.210	-0.173				<i>BAIAP2</i>	Body
cg22077313	4	6,691,093	9.17E-15	-0.210	-0.208					
cg23717593	1	86,617,731	0.005955	-0.210	-0.171				<i>COL24A1</i>	Body
cg20884362	21	46,358,702	5.82E-06	-0.210	-0.201	0.01827691	-0.040		<i>C21orf67</i>	Body
cg01612003	4	15,355,722	0.032738	-0.210	-0.210				<i>C1QTNF7</i>	Body
cg26743132	13	111,107,905	3.44E-07	-0.210	-0.165				<i>COL4A2</i>	Body
cg01344243	16	9,855,280	0.007398	-0.210	-0.172				<i>GRIN2A</i>	3'UTR
cg08645400	16	49,307,062	0.033606	-0.210	-0.141					
cg18695263	3	196,387,505	0.000646	-0.210	-0.189				<i>LRR33</i>	Body
cg19169535	X	71,699,559	9.74E-09	-0.210	-0.205				<i>HDAC8</i>	Body
cg22137572	5	19,915,602	0.000597	-0.210	-0.231				<i>CDH18</i>	5'UTR
cg25747783	7	105,603,622	1.68E-06	-0.210	-0.205				<i>FLJ23834</i>	TSS200
cg27635859	2	92,263,464	0.011368	-0.210	-0.165					
cg13201362	1	215,567,839	0.009812	-0.210	-0.150					
cg26138073	13	22,979,750	1.05E-05	-0.210	-0.186					
cg08015107	11	8,618,950	2.47E-09	-0.210	-0.199					
cg08623256	5	3,858,275	0.005902	-0.210	-0.112					
cg27095035	17	48,623,891	0.007174	-0.210	-0.197				<i>SPATA20</i>	TSS1500
cg26622537	11	101,458,233	0.023582	-0.211	-0.195					
cg07614747	8	2,418,520	0.000163	-0.211	-0.231					

cg14072219	1	242,162,802	0.007593	-0.211	-0.155				<i>MAP1LC3C</i>	TSS1500
cg25282652	12	128,364,739	0.011698	-0.211	-0.187					
cg08924619	13	111,160,399	2E-05	-0.211	-0.204				<i>COL4A2</i>	Body
cg13745946	14	104,205,299	0.046464	-0.211	-0.106				<i>PPP1R13B</i>	Body
cg05954120	1	156,254,757	2.56E-11	-0.211	-0.204				<i>TMEM79</i>	Body
cg04826831	16	87,392,001	0.022853	-0.211	-0.060				<i>FBXO31</i>	Body
cg16720379	11	33,506,184	0.033004	-0.211	-0.086					
cg05279643	11	62,445,555	3.33E-07	-0.211	-0.190				<i>UBXN1</i>	Body
cg10038490	10	124,515,334	0.006392	-0.211	-0.134				<i>FLJ46361</i>	TSS1500
cg01861131	16	4,845,708	0.011803	-0.211	-0.186				<i>LOC440335</i>	Body
cg01897191	5	167,097,366	0.013045	-0.211	-0.161				<i>ODZ2</i>	Body
cg05306183	8	11,144,705	4.41E-06	-0.211	-0.202				<i>MTMR9</i>	Body
cg15165950	5	83,720,892	0.030621	-0.211	-0.152					
cg18008487	7	95,157,228	4.12E-08	-0.211	-0.206				<i>ASB4</i>	Body
cg24247132	7	64,458,642	2.3E-05	-0.211	-0.187					
cg10759651	1	163,144,950	4.78E-05	-0.211	-0.180				<i>RGS5</i>	Body
cg14360405	11	87,912,414	4.32E-05	-0.211	-0.182					
cg15682266	6	134,155,787	0.004772	-0.211	-0.149				<i>MGC34034</i>	Body
cg25481160	3	71,111,489	7.16E-12	-0.211	-0.205				<i>FOXP1</i>	Body
cg12624721	8	143,511,575	0.005595	-0.211	-0.120					
cg07044276	1	246,859,889	1.38E-06	-0.211	-0.182					
cg10763891	7	93,300,578	0.016279	-0.211	-0.166					
cg22682297	6	57,972,721	0.043623	-0.211	-0.135					
cg02134660	6	54,710,399	0.037287	-0.211	-0.109				<i>FAM83B</i>	TSS1500
cg03049917	15	88,752,391	0.014466	-0.211	-0.180				<i>NTRK3</i>	Body
cg03146196	20	30,007,925	0.003513	-0.211	-0.140				<i>DEFB122</i>	TSS1500
cg08319974	6	164,506,861	0.031101	-0.211	-0.152					
cg08583240	2	102,460,597	0.000491	-0.211	-0.198				<i>MAP4K4</i>	Body
cg24167473	3	113,899,263	0.000177	-0.211	-0.193				<i>DRD3</i>	TSS1500
cg05686467	11	124,789,005	0.00024	-0.211	-0.205				<i>HEPN1</i>	TSS200
cg07007122	8	89,270,978	0.040992	-0.211	-0.174				<i>MMP16</i>	Body
cg07014174	21	32,253,760	0.036704	-0.211	-0.144	1.61E-08	-0.184		<i>KRTAP11-1</i>	1stExon
cg11420780	11	71,320,513	0.017243	-0.211	-0.108					
cg27569034	1	152,957,018	0.00205	-0.211	-0.143				<i>SPRR1A</i>	5'UTR

cg07800498	8	2,244,943	0.002952	-0.211	-0.186					
cg21546821	2	10,975,271	2.58E-07	-0.211	-0.216					
cg00780520	8	128,808,554	0.004629	-0.211	-0.109				<i>PVT1</i>	Body
cg14753070	19	14,163,842	0.019633	-0.211	-0.188				<i>IL27RA</i>	3'UTR
cg06393098	19	46,235,602	1.6E-06	-0.211	-0.180				<i>FBXO46</i>	TSS1500
cg10077899	2	25,818,974	0.001219	-0.211	-0.229				<i>DTNB</i>	Body
cg09763373	16	596,899	0.008515	-0.211	-0.111				<i>SOLH</i>	Body
cg07912020	2	2,713,385	0.014094	-0.211	-0.174					
cg10520226	1	2,811,554	6.64E-05	-0.211	-0.153					
cg03238075	17	21,113,363	0.00069	-0.211	-0.202				<i>TMEM11</i>	Body
cg00716660	1	224,543,513	1.83E-06	-0.211	-0.190				<i>CNIH4</i>	TSS1500
cg01476885	17	21,908,498	0.015447	-0.211	-0.165				<i>FLJ36000</i>	Body
cg00564163	7	87,935,979	0.0299	-0.211	-0.244	0.00441312	-0.041		<i>STEAP4</i>	5'UTR
cg17085280	18	31,018,457	0.014206	-0.211	-0.147				<i>C18orf34</i>	5'UTR
cg04921771	1	40,349,687	0.004097	-0.211	-0.141				<i>TRIT1</i>	TSS1500
cg10423328	X	84,364,131	0.032414	-0.211	-0.182				<i>SATL1</i>	TSS200
cg00947896	16	10,349,228	0.011317	-0.211	-0.104					
cg18027831	1	227,083,489	0.000265	-0.211	-0.240				<i>PSEN2</i>	3'UTR
cg03062717	19	35,940,483	2.24E-07	-0.211	-0.202				<i>FFAR2</i>	TSS200
cg04317927	11	55,418,816	0.000203	-0.211	-0.240				<i>OR4S2</i>	1stExon
cg04348305	20	25,230,959	0.000268	-0.211	-0.188				<i>PYGB</i>	Body
cg08212545	16	31,584,046	7.91E-06	-0.211	-0.169					
cg14776195	20	29,956,028	0.019089	-0.211	-0.153				<i>DEFB118</i>	TSS1500
cg26973989	4	190,949,036	0.033966	-0.211	-0.124				<i>FRG2</i>	TSS1500
cg04050782	4	47,707,064	0.003697	-0.211	-0.157				<i>CORIN</i>	Body
cg04036366	17	79,976,900	0.004262	-0.211	-0.181				<i>STRA13</i>	3'UTR
cg14518227	1	196,312,876	3.89E-08	-0.211	-0.200				<i>KCNT2</i>	Body
cg17004025	19	840,795	1.63E-08	-0.211	-0.192				<i>PRTN3</i>	TSS200
cg18884942	1	161,679,921	0.002946	-0.211	-0.169				<i>FCRLA</i>	Body
cg07651080	3	77,145,918	0.005642	-0.211	-0.158				<i>ROBO2</i>	TSS1500
cg04062040	2	103,343,421	3.71E-05	-0.211	-0.205				<i>MFSD9</i>	Body
cg25598203	10	53,870,395	0.02067	-0.211	-0.066				<i>PRKG1</i>	Body
cg21212505	7	117,228,958	1.57E-07	-0.211	-0.203				<i>CFTR</i>	Body
cg22029284	1	3,077,356	0.000593	-0.211	-0.111				<i>PRDM16</i>	Body



cg26088269	11	131,983,984	0.003612	-0.211	-0.177				<i>NTM</i>	Body
cg05070372	16	87,027,489	0.002407	-0.211	-0.127					
cg06639544	19	14,940,319	0.014488	-0.211	-0.108				<i>OR7A5</i>	TSS1500
cg12017221	12	22,968,563	0.016522	-0.211	-0.145					
cg12400457	1	115,919,812	9.8E-07	-0.211	-0.207					
cg02283204	6	40,570,601	0.000144	-0.211	-0.177					
cg00576736	1	20,030,383	0.000124	-0.211	-0.208				<i>TMCO4</i>	Body
cg07844563	1	28,423,139	7.31E-06	-0.211	-0.202				<i>LOC653566</i>	TSS200
cg14877963	3	108,854,657	0.011651	-0.211	-0.142					
cg20832320	3	49,712,339	0.000124	-0.211	-0.147				<i>APEH</i>	Body
cg01514353	22	46,259,643	4.25E-10	-0.211	-0.175					
cg06198390	1	152,648,726	0.018305	-0.211	-0.142				<i>LCE2C</i>	Body
cg24328844	12	26,122,271	5.57E-05	-0.211	-0.219				<i>RASSF8</i>	5'UTR
cg24870391	17	32,612,675	4.19E-06	-0.211	-0.209	2.24E-16	-0.136		<i>CCL11</i>	TSS200
cg01921323	7	153,881,192	9.75E-05	-0.211	-0.223				<i>DPP6</i>	Body
cg18185987	14	88,477,518	6.13E-08	-0.211	-0.199				<i>GPR65</i>	Body
cg25233308	11	66,192,121	0.002298	-0.211	-0.122				<i>NPAS4</i>	Body
cg03034101	4	166,631,112	0.00024	-0.211	-0.213					
cg12034871	14	92,525,005	1.25E-05	-0.211	-0.243				<i>ATXN3</i>	Body
cg12593764	15	83,332,873	0.014619	-0.211	-0.105				<i>AP3B2</i>	Body
cg05911990	7	112,063,449	1.51E-09	-0.211	-0.204				<i>IFRD1</i>	1stExon
cg00357546	10	135,032,154	0.044736	-0.211	-0.062				<i>KNDC1</i>	Body
cg12569880	18	11,151,764	0.004014	-0.211	-0.156					
cg25292309	2	58,989,427	1.12E-05	-0.211	-0.180					
cg03039990	14	101,317,622	0.000995	-0.211	-0.183				<i>MIR770</i>	TSS1500
cg09215582	4	71,575,507	0.000202	-0.211	-0.212				<i>RUFY3</i>	Body
cg00473045	8	120,779,899	0.000132	-0.211	-0.224				<i>TAF2</i>	Body
cg21838013	11	122,708,207	0.02434	-0.211	-0.160				<i>CRTAM</i>	TSS1500
cg01633359	5	33,439,359	0.000435	-0.211	-0.216					
cg04208853	5	5,890,802	0.020768	-0.211	-0.180					
cg22688815	8	9,775,751	0.005522	-0.211	-0.200					
cg05778559	3	16,646,375	0.022837	-0.211	-0.099				<i>DAZL</i>	Body
cg14255655	2	137,891,808	0.011972	-0.211	-0.160				<i>THSD7B</i>	Body
cg00018866	10	50,343,286	0.019658	-0.211	-0.082				<i>FAM170B</i>	TSS1500

cg00210127	16	12,352,233	0.015634	-0.211	-0.177				<i>SNX29</i>	Body
cg00494183	13	21,645,350	9.03E-07	-0.211	-0.180					
cg24336547	20	1,539,702	0.005438	-0.211	-0.210				<i>SIRPD</i>	TSS1500
cg26808478	1	6,760,926	2.39E-06	-0.211	-0.249				<i>DNAJC11</i>	Body
cg21822905	1	2,341,337	0.026441	-0.211	-0.293				<i>PEX10</i>	Body
cg05025046	2	119,013,708	0.00184	-0.211	-0.209					
cg10358212	16	81,069,005	0.000462	-0.212	-0.193				<i>ATMIN</i>	TSS1500
cg27078562	4	175,838,768	0.003254	-0.212	-0.149				<i>ADAM29</i>	TSS1500
cg18991321	7	100,144,475	0.000149	-0.212	-0.162				<i>AGFG2</i>	Body
cg22553301	19	3,839,231	0.000448	-0.212	-0.176				<i>ZFR2</i>	Body
cg05886537	11	132,936,428	0.047638	-0.212	-0.126			Yes	<i>OPCML</i>	Body
cg08168844	16	29,830,973	4.62E-05	-0.212	-0.183				<i>C16orf53</i>	Body
cg18936502	7	35,187,811	6.57E-08	-0.212	-0.213					
cg19861312	8	143,214,422	0.003005	-0.212	-0.121					
cg02309655	19	2,588,629	0.000367	-0.212	-0.238				<i>GNG7</i>	5'UTR
cg20905413	3	36,375,125	0.012039	-0.212	-0.161					
cg04767756	16	10,652,706	5.06E-13	-0.212	-0.204				<i>EMP2</i>	5'UTR
cg05885484	5	122,847,316	2.97E-05	-0.212	-0.199				<i>CSNK1G3</i>	TSS1500
cg18926420	15	27,035,113	9.73E-05	-0.212	-0.159					
cg15191887	5	664,666	0.031107	-0.212	-0.152				<i>TPPP</i>	3'UTR
cg22427279	1	116,384,534	0.000765	-0.212	-0.198	0.0000175	-0.096	Yes	<i>NHLH2</i>	TSS1500
cg27356115	15	53,422,311	4.34E-11	-0.212	-0.197					
cg24414363	22	42,336,273	3.02E-06	-0.212	-0.189				<i>CENPM</i>	TSS200
cg10309454	7	158,775,112	1.08E-05	-0.212	-0.183					
cg09305680	8	117,778,069	7.45E-06	-0.212	-0.195				<i>UTP23</i>	TSS1500
cg08166767	1	152,671,348	0.000668	-0.212	-0.196				<i>LCE2A</i>	5'UTR
cg23313644	14	82,296,090	0.002272	-0.212	-0.207					
cg04703950	10	104,211,424	4.31E-06	-0.212	-0.194				<i>C10orf95</i>	TSS200
cg16548605	1	169,453,550	1.78E-06	-0.212	-0.128				<i>SLC19A2</i>	Body
cg00949424	5	4,144,830	0.03354	-0.212	-0.098					
cg18614510	22	47,081,903	2.01E-05	-0.212	-0.152				<i>CERK</i>	3'UTR
cg24533864	22	22,307,684	3.43E-05	-0.212	-0.140				<i>PPM1F</i>	TSS1500
cg03952578	15	61,509,038	6.72E-05	-0.212	-0.206				<i>RORA</i>	Body
cg10531104	6	169,235,025	7.29E-07	-0.212	-0.184					

cg08005208	1	163,395,211	0.009801	-0.212	-0.150					
cg23008136	2	55,743,936	0.001209	-0.212	-0.180					
cg18022607	3	61,924,802	7.46E-05	-0.212	-0.223				<i>PTPRG</i>	Body
cg10999670	16	86,870,144	0.013208	-0.212	-0.105					
cg15314588	7	129,470,730	0.000364	-0.212	-0.204					
cg23611710	12	132,152,645	0.024938	-0.212	-0.058					
cg24183678	4	16,919,935	0.001873	-0.212	-0.128					
cg26010756	6	7,731,069	0.003632	-0.212	-0.201				<i>BMP6</i>	Body
cg20695203	13	112,335,939	0.006449	-0.212	-0.089					
cg02777447	6	47,452,990	1.98E-06	-0.212	-0.235				<i>CD2AP</i>	Body
cg02343275	1	212,589,072	1.79E-05	-0.212	-0.181				<i>TMEM206</i>	TSS1500
cg11061946	22	43,407,460	0.045422	-0.212	-0.147					
cg14813258	11	27,935,243	0.034554	-0.212	-0.149					
cg19290738	19	2,152,184	3.58E-13	-0.212	-0.209				<i>AP3D1</i>	TSS1500
cg26274995	8	11,302,983	1.74E-05	-0.212	-0.177				<i>FAM167A</i>	5'UTR
cg02491003	3	57,581,393	7.47E-09	-0.212	-0.195				<i>ARF4</i>	Body
cg03401963	2	125,755,746	0.005509	-0.212	-0.200					
cg11042746	11	57,167,405	0.003072	-0.212	-0.175					
cg00758374	3	111,804,343	0.001885	-0.212	-0.164				<i>C3orf52</i>	TSS1500
cg00115458	6	33,141,305	0.007225	-0.212	-0.088				<i>COL11A2</i>	Body
cg10443159	7	7,839,258	1.48E-05	-0.212	-0.189					
cg27019122	12	34,538,786	0.000257	-0.212	-0.207					
cg06235145	4	17,034,835	0.000547	-0.212	-0.168					
cg26555733	16	23,846,279	0.00904	-0.212	-0.178				<i>PRKCB</i>	TSS1500
cg00602655	10	35,979,870	0.000283	-0.212	-0.214					
cg01662869	16	4,730,410	3.71E-08	-0.212	-0.211				<i>MGRN1</i>	Body
cg27069616	7	49,076,868	0.026068	-0.212	-0.211					
cg17851657	7	99,680,296	7.1E-07	-0.212	-0.222				<i>ZNF3</i>	TSS1500
cg26321840	8	49,241,685	0.001832	-0.212	-0.159					
cg20188621	10	105,127,192	4.5E-10	-0.212	-0.208				<i>TAF5</i>	TSS1500
cg27631593	1	153,065,613	0.023324	-0.212	-0.183				<i>SPRR2E</i>	3'UTR
cg00527514	11	132,002,516	0.030882	-0.212	-0.222				<i>NTM</i>	Body
cg02723533	11	69,468,991	0.001633	-0.212	-0.202	0.00013485	-0.063		<i>CCND1</i>	3'UTR
cg07506081	17	77,952,290	0.021179	-0.212	-0.205				<i>TBC1D16</i>	Body

cg10983206	10	7,564,401	0.000683	-0.212	-0.208					
cg01374885	X	146,319,567	2.09E-06	-0.212	-0.210				MIR508	TSS1500
cg09312149	5	114,516,420	7.73E-11	-0.212	-0.191	1.33E-07	-0.079		TRIM36	TSS200
cg13900542	1	74,888,995	0.03579	-0.212	-0.123				TNNI3K	Body
cg01717194	13	39,543,257	0.030009	-0.212	-0.158				STOML3	Body
cg21850934	11	90,451,108	0.017245	-0.212	-0.143					
cg20363199	10	108,335,668	0.001573	-0.212	-0.207				SORCS1	3'UTR
cg02279503	1	30,374,065	0.001592	-0.212	-0.121					
cg10954765	4	3,412,750	5.57E-06	-0.212	-0.223				RGS12	Body
cg19250790	19	2,614,086	1.41E-08	-0.212	-0.187				GNG7	5'UTR
cg02263260	16	82,658,496	0.024339	-0.212	-0.213					
cg05201300	5	172,443,740	5.18E-09	-0.212	-0.207				ATP6V0E1	Body
cg15983005	17	39,506,938	0.000917	-0.212	-0.120	1.91E-09	-0.135		KRT33A	1stExon
cg22608265	1	3,351,106	0.025048	-0.212	-0.191				PRDM16	3'UTR
cg16057408	14	101,196,998	0.011087	-0.212	-0.164				DLK1	Body
cg12315311	19	54,568,443	0.00372	-0.212	-0.244				VSTM1	TSS1500
cg05979170	3	131,974,369	1.95E-10	-0.212	-0.220					
cg19533977	17	57,719,682	2.01E-07	-0.212	-0.206				CLTC	Body
cg23211310	10	50,120,250	0.042714	-0.212	-0.123				LRRC18	Body
cg02487491	8	4,183,726	0.019127	-0.212	-0.196				CSMD1	Body
cg15081844	3	133,117,569	0.002825	-0.212	-0.173				BFSP2	TSS1500
cg19015997	7	12,611,607	0.038376	-0.212	-0.173				SCIN	Body
cg06294766	4	154,680,314	0.040854	-0.212	-0.188				RNF175	Body
cg07918509	17	62,083,407	8.3E-06	-0.212	-0.212				ICAM2	Body
cg16325421	20	60,470,081	0.038712	-0.212	-0.103				CDH4	Body
cg18115132	1	107,819,805	0.022095	-0.212	-0.124				NTNG1	Body
cg06484232	11	5,905,350	7.45E-05	-0.212	-0.198				OR52E4	TSS200
cg03171710	8	133,140,125	0.036106	-0.212	-0.164					
cg07224291	6	133,777,802	0.003885	-0.212	-0.219				EYA4	Body
cg19228683	11	91,963,266	0.000265	-0.212	-0.160					
cg02709052	11	86,748,071	1.29E-05	-0.212	-0.189				TMEM135	TSS1500
cg15649671	1	157,895,227	0.04046	-0.212	-0.109					
cg17108958	1	221,129,545	0.006109	-0.212	-0.238					
cg23822732	2	2,692,854	0.013652	-0.212	-0.191					

cg09334699	2	2,193,511	0.002252	-0.212	-0.127				<i>MYT1L</i>	5'UTR
cg00670721	3	186,504,202	5.37E-10	-0.212	-0.200				<i>SNORA63</i>	TSS1500
cg23228019	20	46,579,870	0.00067	-0.212	-0.147					
cg07561132	20	18,794,975	0.001503	-0.212	-0.164				<i>C20orf79</i>	1stExon
cg11865119	7	130,125,932	0.000799	-0.212	-0.240				<i>MEST</i>	TSS200
cg11870021	17	21,913,158	0.014049	-0.212	-0.185					
cg08343600	10	43,894,095	9.83E-06	-0.212	-0.205				<i>HNRNPF</i>	5'UTR
cg11064170	2	178,080,435	6.12E-05	-0.212	-0.158				<i>HNRNPA3</i>	Body
cg17233896	12	127,227,116	0.03184	-0.212	-0.182					
cg26620747	16	27,523,214	0.000238	-0.212	-0.228				<i>GTF3C1</i>	Body
cg07960922	7	83,461,505	3.06E-06	-0.212	-0.174					
cg15209376	13	102,104,976	0.001985	-0.212	-0.149				<i>ITGBL1</i>	1stExon
cg23898213	X	62,979,075	0.005829	-0.212	-0.160					
cg01080552	X	2,986,093	1.13E-06	-0.212	-0.207				<i>ARSF</i>	5'UTR
cg07884251	15	89,398,614	0.008336	-0.212	-0.107				<i>ACAN</i>	Body
cg10013324	16	6,335,194	0.002746	-0.212	-0.220				<i>A2BP1</i>	5'UTR
cg14577716	3	95,402,225	0.005904	-0.212	-0.122					
cg09614301	16	1,090,228	0.026424	-0.212	-0.113					
cg10158151	17	51,900,032	0.015271	-0.213	-0.150				<i>KIF2B</i>	TSS1500
cg21408061	1	155,989,796	4.07E-09	-0.213	-0.193				<i>SSR2</i>	Body
cg08155584	3	82,314,701	0.020429	-0.213	-0.155					
cg11629955	3	126,679,199	0.000274	-0.213	-0.241				<i>CHCHD6</i>	3'UTR
cg18890249	10	51,361,773	4.15E-05	-0.213	-0.176				<i>LOC728407</i>	Body
cg23066675	3	118,676,357	0.000128	-0.213	-0.211				<i>IGSF11</i>	Body
cg17372047	19	22,807,010	0.006109	-0.213	-0.249					
cg20545694	8	48,910,778	1.37E-05	-0.213	-0.151					
cg00415389	7	138,162,679	3.34E-05	-0.213	-0.192			Yes	<i>TRIM24</i>	Body
cg17218342	21	43,918,422	6.09E-09	-0.213	-0.219				<i>SLC37A1</i>	TSS1500
cg03888764	7	57,207,547	4.63E-07	-0.213	-0.196				<i>ZNF479</i>	5'UTR
cg15769756	13	107,489,008	0.00177	-0.213	-0.162					
cg24320225	8	2,238,305	0.000209	-0.213	-0.202					
cg09211256	12	38,552,636	0.000194	-0.213	-0.181					
cg10625488	2	203,733,187	3.86E-05	-0.213	-0.245				<i>ICA1L</i>	5'UTR
cg15389025	12	49,627,934	9.23E-05	-0.213	-0.166					

cg21263710	18	49,865,488	0.000222	-0.213	-0.159				<i>DCC</i>	TSS1500
cg00045762	5	167,181,762	0.039079	-0.213	-0.179				<i>ODZ2</i>	Body
cg14833337	1	157,490,546	0.024985	-0.213	-0.163				<i>FCRL5</i>	Body
cg23311800	11	34,535,396	5.74E-05	-0.213	-0.210				<i>ELF5</i>	TSS200
cg25765192	1	13,184,954	0.019021	-0.213	-0.116				<i>LOC440563</i>	TSS1500
cg18984002	17	36,876,514	0.007438	-0.213	-0.144				<i>MLLT6</i>	Body
cg21926883	2	100,939,477	1.37E-06	-0.213	-0.210				<i>LONRF2</i>	TSS1500
cg27473997	4	9,355,351	0.001361	-0.213	-0.137				<i>USP17</i>	TSS200
cg24707219	6	31,847,009	2.86E-12	-0.213	-0.216				<i>SLC44A4</i>	TSS200
cg14851608	1	22,777,266	8.97E-06	-0.213	-0.180				<i>ZBTB40</i>	TSS1500
cg18649198	7	151,477,667	5.84E-06	-0.213	-0.230				<i>PRKAG2</i>	Body
cg03617867	6	155,053,338	8.33E-05	-0.213	-0.211				<i>RBM16</i>	TSS1500
cg23304784	8	2,179,815	0.014891	-0.213	-0.071					
cg09814128	4	178,243,783	0.002704	-0.213	-0.199				<i>NEIL3</i>	Body
cg03142975	9	125,026,202	7.43E-20	-0.213	-0.221				<i>MRRF</i>	TSS1500
cg04846432	3	186,965,021	0.014357	-0.213	-0.195				<i>MASP1</i>	3'UTR
cg15380358	20	61,937,737	0.003989	-0.213	-0.185				<i>COL20A1</i>	Body
cg22537167	12	178,510	8.85E-11	-0.213	-0.201				<i>IQSEC3</i>	Body
cg27236146	3	191,851,266	0.048943	-0.213	-0.161					
cg08084390	11	55,044,082	0.007723	-0.213	-0.169					
cg19442493	17	77,375,519	1.69E-08	-0.213	-0.191				<i>HRNBP3</i>	5'UTR
cg26950369	2	167,816,565	0.015176	-0.213	-0.190				<i>XIRP2</i>	Body
cg23350812	2	236,415,734	0.010477	-0.213	-0.194				<i>AGAP1</i>	Body
cg21813377	1	4,192,817	0.004105	-0.213	-0.120					
cg07551952	7	12,613,522	0.00114	-0.213	-0.196				<i>SCIN</i>	Body
cg02291365	13	25,317,267	0.001861	-0.213	-0.120					
cg03729603	16	24,269,804	0.029017	-0.213	-0.133				<i>CACNG3</i>	Body
cg04994795	1	8,404,050	3.93E-06	-0.213	-0.176				<i>SLC45A1</i>	Body
cg15541062	11	5,531,199	0.00716	-0.213	-0.234				<i>UBQLN3</i>	TSS200
cg18009093	5	177,853,574	4.59E-05	-0.213	-0.208				<i>COL23A1</i>	Body
cg21663916	8	122,863,171	0.00067	-0.213	-0.174					
cg09571345	10	26,931,926	2.66E-10	-0.213	-0.203				<i>LOC731789</i>	TSS200
cg14414873	9	112,970,463	7.68E-06	-0.213	-0.206				<i>C9orf152</i>	TSS200
cg19050940	13	76,445,108	6.92E-12	-0.213	-0.198					

cg19785773	8	142,398,412	9.02E-14	-0.213	-0.214					
cg12744694	8	89,300,240	0.03773	-0.213	-0.181				<i>MMP16</i>	Body
cg16659026	19	54,617,827	0.015973	-0.213	-0.225				<i>PRPF31</i>	TSS1500
cg19556854	6	32,945,549	8.62E-06	-0.213	-0.249				<i>BRD2</i>	Body
cg26063643	22	16,998,752	0.004393	-0.213	-0.126					
cg00253971	19	4,038,851	3.36E-11	-0.213	-0.233					
cg04595200	12	34,486,507	0.000431	-0.213	-0.207					
cg20810675	4	171,604,188	0.047953	-0.213	-0.208					
cg21611093	3	134,512,956	0.000632	-0.213	-0.196				<i>EPHB1</i>	TSS1500
cg19300923	1	14,026,137	2.17E-07	-0.213	-0.240				<i>PRDM2</i>	TSS1500
cg18377376	11	131,707,728	0.035692	-0.213	-0.282				<i>NTM</i>	Body
cg11188440	11	45,667,273	0.001067	-0.213	-0.153					
cg00767201	19	22,141,063	7.75E-06	-0.213	-0.210					
cg02686091	19	43,673,501	0.000832	-0.213	-0.155				<i>PSG5</i>	3'UTR
cg09479341	17	40,119,957	7.96E-07	-0.213	-0.226				<i>CNP</i>	Body
cg10044209	14	88,122,084	0.00248	-0.213	-0.137					
cg10079131	11	688,397	0.026634	-0.213	-0.126				<i>DEAF1</i>	Body
cg03473127	19	51,411,782	6.12E-10	-0.213	-0.217				<i>KLK4</i>	Body
cg18191092	8	64,331,042	9.55E-06	-0.213	-0.209					
cg05195318	5	156,722,426	3.65E-05	-0.213	-0.198			Yes	<i>CYFIP2</i>	Body
cg05693204	5	1,860,135	6.41E-05	-0.213	-0.162					
cg02480320	5	2,135,054	0.000184	-0.213	-0.222					
cg09043941	10	6,297,748	0.001079	-0.213	-0.207					
cg04646186	15	27,215,757	0.000106	-0.213	-0.153				<i>GABRG3</i>	TSS1500
cg01939535	5	55,010,789	1.27E-07	-0.213	-0.194					
cg03410269	12	7,077,969	1.36E-05	-0.213	-0.199				<i>PHB2</i>	Body
cg10755723	3	192,576,964	0.026112	-0.213	-0.125				<i>C3orf59</i>	Body
cg26875832	7	54,346,209	0.000796	-0.213	-0.218					
cg08145178	X	103,294,452	0.015486	-0.213	-0.169				<i>MIR1256</i>	Body
cg06143663	16	11,242,115	9.53E-06	-0.213	-0.199				<i>CLEC16A</i>	Body
cg07467958	4	190,597,742	0.004215	-0.213	-0.185					
cg00249974	1	156,254,149	3.42E-05	-0.213	-0.206				<i>TMEM79</i>	1stExon
cg25553522	4	71,388,589	3.06E-05	-0.213	-0.202				<i>AMTN</i>	Body
cg15579926	2	207,511,246	0.005258	-0.213	-0.099				<i>LOC200726</i>	Body

cg24174959	7	34,528,600	0.029261	-0.213	-0.212					
cg05122213	13	114,062,198	1.07E-08	-0.213	-0.178					
cg17753169	8	41,523,177	0.003066	-0.213	-0.109			Yes	<i>ANK1</i>	TSS1500
cg17367832	2	241,395,288	0.000724	-0.213	-0.204				<i>MIR149</i>	TSS200
cg26839288	10	44,287,132	0.02767	-0.213	-0.169				<i>HNRNPA3P1</i>	TSS1500
cg19747968	11	131,940,559	4.05E-05	-0.213	-0.228				<i>NTM</i>	Body
cg07859753	13	96,300,257	0.000349	-0.213	-0.210					
cg15363455	7	1,650,412	0.016711	-0.213	-0.065					
cg19647474	6	159,736,729	0.000968	-0.213	-0.169					
cg08363001	10	10,945,277	0.021796	-0.213	-0.207					
cg19837298	7	5,348,995	0.000269	-0.213	-0.147				<i>TNRC18</i>	Body
cg27303733	11	8,007,457	1.3E-05	-0.213	-0.173				<i>EIF3F</i>	TSS1500
cg15629868	1	8,319,945	1.25E-07	-0.213	-0.208					
cg02416536	12	98,577,192	0.042676	-0.213	-0.320					
cg08316234	17	51,899,386	0.001124	-0.213	-0.140				<i>KIF2B</i>	TSS1500
cg01678292	8	41,522,873	5.25E-08	-0.213	-0.205				<i>ANK1</i>	TSS200
cg16907101	13	112,747,087	0.046913	-0.213	-0.113					
cg19765351	6	49,986,643	0.033905	-0.213	-0.169				<i>DEFB110</i>	Body
cg25593631	1	9,687,880	0.000595	-0.213	-0.131					
cg02815102	20	60,388,903	0.014581	-0.213	-0.160			Yes	<i>CDH4</i>	Body
cg03526920	14	77,291,706	0.001653	-0.213	-0.157				<i>C14orf166B</i>	TSS1500
cg23029159	14	101,524,635	0.026116	-0.214	-0.226				<i>MIR154</i>	TSS1500
cg15916628	19	56,092,834	5.75E-07	-0.214	-0.203	1.94E-09	-0.079		<i>ZNF579</i>	TSS1500
cg02711212	15	69,854,024	2.32E-05	-0.214	-0.213				<i>LOC145837</i>	TSS200
cg20575856	10	50,428,882	0.047057	-0.214	-0.086					
cg25628429	11	50,005,457	0.011468	-0.214	-0.187				<i>OR4C12</i>	TSS1500
cg26899012	5	86,042,549	0.000326	-0.214	-0.197					
cg01004918	1	2,731,370	3.63E-06	-0.214	-0.170					
cg13376438	7	108,168,711	0.043082	-0.214	-0.067					
cg20546259	2	49,271,470	0.01537	-0.214	-0.242				<i>FSHR</i>	Body
cg25247520	8	128,808,017	2.94E-05	-0.214	-0.189				<i>MIR1204</i>	TSS200
cg07353266	11	120,387,832	0.000218	-0.214	-0.264					
cg09040942	7	158,060,003	0.000222	-0.214	-0.214				<i>PTPRN2</i>	Body
cg11267879	19	41,619,952	0.045821	-0.214	-0.117				<i>CYP2F1</i>	TSS1500



cg00162104	4	2,926,894	6.56E-05	-0.214	-0.240				<i>ADD1</i>	Body
cg00522231	2	9,549,277	6.73E-05	-0.214	-0.214				<i>ITGB1BP1</i>	Body
cg19277516	1	94,235,220	0.00404	-0.214	-0.157					
cg20466895	7	83,319,354	9.62E-05	-0.214	-0.198					
cg17136696	1	2,823,861	0.031441	-0.214	-0.094					
cg03138282	13	39,187,482	0.009814	-0.214	-0.158					
cg16706613	12	52,423,671	2.28E-06	-0.214	-0.218					
cg19201723	20	7,921,280	0.00078	-0.214	-0.194				<i>HAO1</i>	TSS200
cg17035844	1	171,640,211	0.000333	-0.214	-0.217					
cg14449317	7	62,198,343	0.015678	-0.214	-0.135					
cg03265969	7	54,617,631	0.02796	-0.214	-0.200				<i>VSTM2A</i>	Body
cg04365699	3	177,320,997	2.65E-05	-0.214	-0.205					
cg08319312	12	34,500,811	0.038351	-0.214	-0.097					
cg14541582	5	601,475	0.040123	-0.214	-0.205			Yes		
cg17034342	12	132,870,388	7.81E-05	-0.214	-0.121				<i>GALNT9</i>	Body
cg04164640	2	162,137,680	9.5E-14	-0.214	-0.168					
cg04765207	X	151,883,250	0.026732	-0.214	-0.160				<i>MAGEA2</i>	5'UTR
cg08523756	11	41,165,407	0.008612	-0.214	-0.168					
cg11834658	1	21,611,224	3.7E-07	-0.214	-0.211				<i>ECE1</i>	Body
cg11343506	11	34,535,568	0.048272	-0.214	-0.273				<i>ELF5</i>	TSS1500
cg12758147	6	30,103,696	0.008132	-0.214	-0.210				<i>TRIM40</i>	TSS1500
cg21767657	8	47,751,623	0.000938	-0.214	-0.216				<i>BEYLA</i>	TSS1500
cg26329274	5	156,607,853	0.00792	-0.214	-0.169				<i>ITK</i>	TSS200
cg03503758	19	2,614,104	1.19E-07	-0.214	-0.181			Yes	<i>GNG7</i>	5'UTR
cg04854917	10	131,378,330	7.77E-09	-0.214	-0.203				<i>MGMT</i>	Body
cg05878332	11	109,302,849	8.31E-05	-0.214	-0.187					
cg16933248	12	132,932,245	0.026847	-0.214	-0.104					
cg18720533	10	134,833,372	0.014776	-0.214	-0.096					
cg26389913	12	97,631,769	0.000276	-0.214	-0.280					
cg02398007	12	67,616,546	0.02788	-0.214	-0.109					
cg07869023	20	17,212,376	0.046058	-0.214	-0.235				<i>PCSK2</i>	Body
cg22611523	10	10,630,114	0.028851	-0.214	-0.234					
cg07294114	3	63,047,382	4.54E-12	-0.214	-0.221					
cg11806305	5	139,782,703	8.04E-19	-0.214	-0.190				<i>ANKHD1</i>	Body

cg02689785	10	105,004,949	3.12E-05	-0.214	-0.163				<i>LOC729020</i>	TSS1500
cg04655834	15	25,031,239	1.86E-08	-0.214	-0.193					
cg16732341	4	112,130,812	0.019928	-0.214	-0.174					
cg19304088	4	111,547,790	0.012765	-0.214	-0.149				<i>PITX2</i>	Body
cg09170397	1	181,480,632	0.01492	-0.214	-0.245				<i>CACNA1E</i>	Body
cg21649629	8	66,933,425	0.000154	-0.214	-0.232				<i>DNAJC5B</i>	TSS1500
cg20985521	1	55,168,830	0.000233	-0.214	-0.153				<i>C1orf175</i>	Body
cg05030450	5	167,480,853	0.032664	-0.214	-0.169				<i>ODZ2</i>	Body
cg22455963	X	132,095,750	7.1E-05	-0.214	-0.249				<i>HS6ST2</i>	TSS1500
cg10015500	7	56,241,697	0.004067	-0.214	-0.193					
cg16697850	7	141,946,928	2.82E-06	-0.214	-0.235				<i>MOXD2</i>	TSS200
cg26080567	21	37,536,137	1.6E-06	-0.214	-0.204				<i>DOPEY2</i>	TSS1500
cg26137103	4	40,193,114	0.000173	-0.214	-0.201					
cg24522489	20	30,553,236	0.024611	-0.214	-0.083					
cg02876221	4	134,545,513	0.000184	-0.214	-0.204					
cg22831029	7	83,325,268	0.000382	-0.214	-0.254					
cg00397871	7	31,692,686	0.02328	-0.214	-0.120				<i>CCDC129</i>	3'UTR
cg11241549	6	56,114,591	0.002111	-0.214	-0.158					
cg09905416	11	59,861,219	0.000676	-0.214	-0.214				<i>MS4A2</i>	Body
cg10257070	10	125,399,468	0.021762	-0.214	-0.199					
cg19153300	11	134,794,980	0.029114	-0.214	-0.116					
cg05810129	10	14,597,004	0.001049	-0.214	-0.151				<i>FAM107B</i>	Body
cg11025037	14	25,104,483	7.96E-08	-0.214	-0.207				<i>GZMB</i>	TSS1500
cg08439276	2	68,937,224	0.000168	-0.214	-0.188					
cg16747973	4	155,533,784	0.007751	-0.214	-0.152				<i>FGG</i>	5'UTR
cg19911566	17	28,164,614	8.37E-05	-0.214	-0.179				<i>SSH2</i>	Body
cg21588838	3	190,152,481	0.003473	-0.214	-0.175				<i>TMEM207</i>	Body
cg18030265	6	32,975,083	0.000913	-0.214	-0.163				<i>HLA-DOA</i>	Body
cg08271622	20	37,053,969	2.83E-12	-0.214	-0.181				<i>LOC388796</i>	Body
cg27026405	4	4,224,879	1.31E-06	-0.214	-0.183				<i>OTOP1</i>	Body
cg19350375	10	98,624,529	9.95E-05	-0.214	-0.219				<i>LCOR</i>	5'UTR
cg24311643	1	159,748,210	0.000396	-0.214	-0.118					
cg03419014	21	38,362,742	4.37E-15	-0.214	-0.224				<i>HLCS</i>	TSS1500
cg04067806	10	50,974,397	0.003122	-0.214	-0.153					

cg07012823	6	155,777,070	1.24E-05	-0.214	-0.196				<i>NOX3</i>	TSS200
cg21615663	16	19,727,911	4.77E-06	-0.214	-0.230	1.74E-08	-0.090		<i>IQCK</i>	5'UTR
cg05816993	11	59,709,403	0.014432	-0.214	-0.201					
cg06109939	11	33,637,874	0.027977	-0.214	-0.148				<i>C11orf41</i>	Body
cg00305947	18	13,822,384	9.78E-06	-0.214	-0.195					
cg00111826	5	7,983,865	0.016954	-0.214	-0.156					
cg03467728	1	46,220,388	0.005191	-0.214	-0.148					
cg03877014	4	142,197,646	5.72E-10	-0.214	-0.219					
cg10300464	11	15,012,924	0.008239	-0.214	-0.125					
cg06752698	7	98,366,427	0.008258	-0.214	-0.147					
cg07568203	11	5,365,377	0.02387	-0.214	-0.170				<i>OR51B5</i>	TSS1500
cg09650495	7	32,463,798	0.000174	-0.214	-0.166					
cg13691599	9	74,863,413	0.014641	-0.214	-0.173				<i>GDA</i>	3'UTR
cg18289557	13	113,426,705	1.91E-05	-0.214	-0.185				<i>ATP11A</i>	Body
cg03688324	13	22,251,017	0.021763	-0.214	-0.188				<i>FGF9</i>	Body
cg22540067	2	125,305,001	0.008501	-0.214	-0.257				<i>CNTNAP5</i>	Body
cg25853612	10	19,540,759	0.000513	-0.214	-0.197					
cg18571451	4	16,507,312	0.019185	-0.214	-0.209				<i>LDB2</i>	Body
cg23336810	21	43,936,497	0.000144	-0.214	-0.199				<i>SLC37A1</i>	5'UTR
cg25666210	12	71,148,346	1.08E-09	-0.214	-0.207				<i>PTPRR</i>	1stExon
cg08738346	5	152,352,697	0.039437	-0.214	-0.228					
cg18807895	5	110,427,112	0.000415	-0.214	-0.170				<i>WDR36</i>	TSS1500
cg26422762	22	46,481,785	1.96E-06	-0.214	-0.198				<i>LOC400931</i>	TSS200
cg04212127	11	78,809,824	2.48E-05	-0.214	-0.167				<i>ODZ4</i>	5'UTR
cg01902355	4	49,520,738	0.001766	-0.215	-0.160					
cg05089225	4	7,395,027	0.000239	-0.215	-0.153				<i>SORCS2</i>	Body
cg07333608	2	240,445,555	0.000748	-0.215	-0.156					
cg09765297	16	83,029,415	0.000286	-0.215	-0.173				<i>CDH13</i>	Body
cg07443717	3	129,383,357	0.00606	-0.215	-0.252				<i>TMCC1</i>	Body
cg08651590	2	65,543,410	7.28E-09	-0.215	-0.206				<i>SPRED2</i>	Body
cg02305353	12	113,307,748	0.03024	-0.215	-0.164				<i>RPH3A</i>	Body
cg23024484	3	35,780,851	0.029736	-0.215	-0.148				<i>ARPP-21</i>	Body
cg00009553	16	61,854,084	0.018973	-0.215	-0.145				<i>CDH8</i>	Body
cg03123091	1	27,080,598	9.94E-06	-0.215	-0.218				<i>ARID1A</i>	Body

cg07641643	12	123,234,584	1.14E-10	-0.215	-0.211					
cg05269432	3	118,663,470	0.016364	-0.215	-0.198				<i>IGSF11</i>	Body
cg10559407	4	147,287,029	1.86E-05	-0.215	-0.189				<i>SLC10A7</i>	Body
cg27580689	10	115,939,651	3.43E-11	-0.215	-0.212				<i>TDRD1</i>	5'UTR
cg02634861	1	10,757,954	0.000231	-0.215	-0.219				<i>CASZ1</i>	5'UTR
cg19303187	2	172,968,881	4.55E-06	-0.215	-0.204				<i>DLX2</i>	TSS1500
cg05123257	16	88,163,879	0.002264	-0.215	-0.145					
cg02088996	7	41,817,771	0.024007	-0.215	-0.186				<i>LOC285954</i>	Body
cg10899768	8	102,506,635	5.81E-12	-0.215	-0.211				<i>GRHL2</i>	Body
cg04293948	15	96,158,220	0.001152	-0.215	-0.153					
cg23766996	7	86,272,023	0.03093	-0.215	-0.208				<i>GRM3</i>	TSS1500
cg08908482	13	80,377,426	0.039945	-0.215	-0.083					
cg00114478	8	73,658,110	0.000222	-0.215	-0.240				<i>KCNB2</i>	Body
cg09029902	20	52,199,594	1.36E-13	-0.215	-0.228				<i>ZNF217</i>	5'UTR
cg14721506	20	61,758,358	0.000782	-0.215	-0.172					
cg09009466	10	11,483,241	0.001952	-0.215	-0.170					
cg10315366	10	134,911,047	0.000566	-0.215	-0.113				<i>GPR123</i>	Body
cg17497052	11	125,763,722	6.35E-05	-0.215	-0.177				<i>PUS3</i>	Body
cg09473613	1	24,152,604	0.002112	-0.215	-0.212				<i>HMGCL</i>	TSS1500
cg01751800	4	77,820,391	0.000205	-0.215	-0.191				<i>ANKRD56</i>	TSS1500
cg07356534	1	158,008,055	0.008708	-0.215	-0.140				<i>KIRREL</i>	Body
cg26318682	2	53,261,081	0.026708	-0.215	-0.144					
cg20962500	1	149,174,971	0.041763	-0.215	-0.117					
cg09021430	5	549,028	0.001071	-0.215	-0.140					
cg07857792	19	18,060,683	0.024278	-0.215	-0.278				<i>KCNN1</i>	TSS1500
cg10677017	11	132,184,930	0.026906	-0.215	-0.235				<i>NTM</i>	Body
cg26772104	17	51,501,596	0.020231	-0.215	-0.132					
cg10283182	16	77,998,415	0.004	-0.215	-0.178				<i>VAT1L</i>	Body
cg08470031	11	2,423,043	1.16E-09	-0.215	-0.189				<i>TSSC4</i>	TSS1500
cg15590780	1	216,596,639	0.025834	-0.215	-0.274	0.00060695	-0.095		<i>USH2A</i>	1stExon
cg10028983	11	68,174,077	1.09E-07	-0.215	-0.221				<i>LRP5</i>	Body
cg25494605	5	173,472,097	0.0161	-0.215	-0.211				<i>HMP19</i>	TSS1500
cg22671986	4	62,799,523	0.002234	-0.215	-0.179				<i>LPHN3</i>	Body
cg01407447	13	77,090,294	0.005961	-0.215	-0.161					

cg09617441	6	36,287,380	3.63E-08	-0.215	-0.212				<i>C6orf222</i>	Body
cg00208218	2	71,251,453	0.000162	-0.215	-0.215				<i>OR7E91P</i>	Body
cg24205414	2	127,560,448	0.011607	-0.215	-0.157					
cg05648964	12	8,833,355	0.007668	-0.215	-0.138					
cg07179329	16	83,171,992	0.00161	-0.215	-0.210				<i>CDH13</i>	Body
cg21762655	3	30,554,481	1.73E-10	-0.215	-0.210					
cg21015470	11	132,621,619	0.048194	-0.215	-0.268				<i>OPCML</i>	Body
cg08845685	2	8,167,037	0.002548	-0.215	-0.138					
cg22866825	5	125,936,419	1.87E-05	-0.215	-0.168				<i>PHAX</i>	TSS1500
cg07458500	19	2,796,382	0.00012	-0.215	-0.199				<i>THOP1</i>	Body
cg09455823	2	201,606,912	3.74E-11	-0.215	-0.199					
cg09834770	5	78,536,281	0.009355	-0.215	-0.210				<i>JMY</i>	Body
cg18252424	3	13,862,475	0.024631	-0.215	-0.127				<i>WNT7A</i>	Body
cg24837219	3	132,772,692	0.001455	-0.215	-0.235				<i>TMEM108</i>	5'UTR
cg04119852	3	182,840,603	0.000166	-0.215	-0.142				<i>LAMP3</i>	3'UTR
cg05612673	12	72,836,959	0.027404	-0.215	-0.112				<i>TRHDE</i>	Body
cg04446870	17	64,440,273	0.007403	-0.215	-0.259				<i>PRKCA</i>	Body
cg21854228	11	122,192,427	0.000513	-0.215	-0.192					
cg00081465	18	77,383,609	0.001252	-0.215	-0.129					
cg07824497	16	86,930,033	0.032761	-0.215	-0.110					
cg09228327	12	24,908,780	0.039645	-0.215	-0.231					
cg15086439	1	236,563,070	0.001063	-0.215	-0.187				<i>EDARADD</i>	Body
cg09581935	10	114,591,707	4.31E-05	-0.215	-0.234					
cg07473976	21	39,292,764	1.67E-06	-0.215	-0.178					
cg15813550	20	62,221,886	0.013628	-0.215	-0.223				<i>GMEB2</i>	Body
cg14696820	1	152,800,168	0.003642	-0.215	-0.216	3.69E-09	-0.095		<i>LCE1A</i>	1stExon
cg03794214	22	42,912,017	0.000102	-0.215	-0.182				<i>RRP7A</i>	Body
cg04208435	1	192,116,518	0.034358	-0.215	-0.127					
cg04314261	12	10,163,030	2.67E-05	-0.215	-0.207				<i>CLEC12B</i>	TSS200
cg15799605	17	30,948,425	6.73E-10	-0.215	-0.211				<i>MYO1D</i>	Body
cg10008571	17	76,987,812	0.000209	-0.215	-0.200				<i>CANT1</i>	3'UTR
cg19232395	11	8,550,221	0.000976	-0.215	-0.187				<i>STK33</i>	5'UTR
cg23891487	12	93,969,700	0.017569	-0.215	-0.071				<i>SOCS2</i>	3'UTR
cg08001580	8	6,637,992	5.32E-06	-0.215	-0.205					

cg12309668	4	186,732,837	3.95E-09	-0.215	-0.212				<i>SORBS2</i>	5'UTR
cg15039415	17	45,690,396	4.22E-11	-0.215	-0.219				<i>NPEPPS</i>	Body
cg16740364	19	34,718,795	2.8E-06	-0.215	-0.213				<i>LSM14A</i>	3'UTR
cg08787698	2	9,172,228	2.79E-06	-0.215	-0.191					
cg02617560	8	32,785,757	0.000291	-0.215	-0.179					
cg03632782	16	82,781,365	0.001154	-0.215	-0.219				<i>CDH13</i>	Body
cg20016599	11	104,508,637	0.005886	-0.215	-0.096					
cg11366886	20	11,666,805	0.01127	-0.215	-0.166					
cg05082920	8	91,108,188	0.009735	-0.215	-0.208					
cg12068366	19	4,548,354	1.66E-05	-0.215	-0.187				<i>SEMA6B</i>	Body
cg22786657	10	11,381,854	0.019403	-0.215	-0.143					
cg19091779	12	13,200,089	0.003148	-0.215	-0.301				<i>KIAA1467</i>	Body
cg13576330	5	92,943,267	3.41E-05	-0.215	-0.232					
cg02609724	5	139,506,447	0.000651	-0.215	-0.214				<i>C5orf53</i>	1stExon
cg10947001	4	139,593,196	0.002237	-0.215	-0.197					
cg03192231	3	35,786,480	0.005971	-0.216	-0.157				<i>ARPP-21</i>	Body
cg02540593	11	103,908,576	0.009103	-0.216	-0.190				<i>PDGFD</i>	Body
cg04900186	7	50,347,487	0.027869	-0.216	-0.143			Yes	<i>IKZF1</i>	5'UTR
cg19243842	1	3,058,521	0.003984	-0.216	-0.162				<i>PRDM16</i>	Body
cg07047815	11	1,909,656	0.004047	-0.216	-0.148				<i>LSP1</i>	3'UTR
cg16219879	16	32,937,057	1.03E-05	-0.216	-0.192					
cg17373345	8	66,946,188	1.39E-09	-0.216	-0.210				<i>DNAJC5B</i>	5'UTR
cg17000480	10	134,756,994	1.69E-05	-0.216	-0.198				<i>C10orf93</i>	TSS1500
cg10841338	X	150,342,651	3.17E-08	-0.216	-0.168					
cg05000772	17	48,194,500	3.12E-06	-0.216	-0.221				<i>SAMD14</i>	Body
cg04350120	8	93,004,284	0.022129	-0.216	-0.272				<i>RUNX1T1</i>	Body
cg08197072	16	1,316,081	0.012041	-0.216	-0.065					
cg27408897	18	67,136,810	0.028039	-0.216	-0.101				<i>DOK6</i>	Body
cg16377738	17	76,141,068	3.37E-06	-0.216	-0.220				<i>C17orf99</i>	TSS1500
cg27361847	5	2,865,179	0.049864	-0.216	-0.069					
cg05330604	15	91,837,300	1.96E-05	-0.216	-0.259				<i>SV2B</i>	3'UTR
cg00618087	17	16,282,382	0.000493	-0.216	-0.250					
cg09787089	1	54,739,176	7.54E-05	-0.216	-0.190				<i>SSBP3</i>	Body
cg14834881	4	92,034,737	3.93E-07	-0.216	-0.175				<i>FAM190A</i>	Body

cg16710099	1	3,162,173	2E-05	-0.216	-0.165				<i>PRDM16</i>	Body
cg11058951	7	92,855,729	0.005716	-0.216	-0.213				<i>HEPACAM2</i>	1stExon
cg07656641	22	50,018,876	0.029682	-0.216	-0.117				<i>C22orf34</i>	Body
cg06969622	17	79,022,798	0.000612	-0.216	-0.151				<i>BAIAP2</i>	Body
cg22235258	11	34,675,402	1.03E-05	-0.216	-0.217				<i>EHF</i>	Body
cg26856658	12	128,899,884	0.01012	-0.216	-0.159				<i>TMEM132C</i>	Body
cg25080924	4	176,339,367	0.000249	-0.216	-0.169					
cg26518932	5	169,720,975	4.77E-06	-0.216	-0.149				<i>LCP2</i>	Body
cg25029529	2	208,795,859	0.000133	-0.216	-0.230				<i>PLEKHM3</i>	Body
cg26242755	6	6,624,147	6.68E-11	-0.216	-0.183				<i>LOC285780</i>	TSS1500
cg10115148	1	2,872,908	0.025813	-0.216	-0.111					
cg02328713	1	2,704,354	0.015833	-0.216	-0.091					
cg02487061	1	85,721,250	0.000256	-0.216	-0.230				<i>C1orf52</i>	Body
cg20135307	7	127,256,705	0.020352	-0.216	-0.118				<i>PAX4</i>	TSS1500
cg01553182	6	29,342,533	0.003582	-0.216	-0.162				<i>OR12D3</i>	1stExon
cg18009704	17	3,117,981	0.031026	-0.216	-0.120				<i>OR1A1</i>	TSS1500
cg22073121	5	41,045,396	0.040831	-0.216	-0.166				<i>HEATR7B2</i>	Body
cg09241714	7	50,366,850	0.014023	-0.216	-0.211				<i>IKZF1</i>	Body
cg18413237	7	41,742,795	0.006252	-0.216	-0.215				<i>LOC285954</i>	Body
cg10773972	15	81,035,670	4.09E-05	-0.216	-0.234				<i>FAM108C1</i>	Body
cg27533472	11	59,856,225	0.000194	-0.216	-0.197				<i>MS4A2</i>	1stExon
cg04957903	7	38,880,852	0.006512	-0.216	-0.099				<i>VPS41</i>	Body
cg09154034	4	172,846,599	0.004737	-0.216	-0.170				<i>GALNTL6</i>	Body
cg26236655	2	200,051,434	0.034832	-0.216	-0.203					
cg06832258	8	34,533,034	0.04142	-0.216	-0.087					
cg23484230	10	133,218,314	0.045917	-0.216	-0.106					
cg24938372	6	1,603,115	8.15E-07	-0.216	-0.232					
cg25429446	4	113,839,045	5.06E-07	-0.216	-0.200				<i>ANK2</i>	Body
cg02855850	1	152,882,420	0.023545	-0.216	-0.168				<i>IVL</i>	Body
cg23290674	8	112,906,823	0.001583	-0.216	-0.187					
cg08908643	5	12,794,310	0.010096	-0.216	-0.176					
cg14494812	17	48,941,039	1.29E-11	-0.216	-0.203				<i>TOB1</i>	1stExon
cg07199257	15	78,640,536	1.9E-06	-0.216	-0.206				<i>CRABP1</i>	3'UTR
cg18472159	5	3,188,172	0.016702	-0.216	-0.272					

cg20162599	11	63,990,138	0.020738	-0.216	-0.207	0.00176914	-0.073		<i>FERMT3</i>	Body
cg23268879	7	5,359,951	0.000132	-0.216	-0.182				<i>TNRC18</i>	Body
cg23615488	1	66,869,943	2.66E-12	-0.216	-0.207					
cg15306060	22	39,712,956	2.81E-11	-0.216	-0.211				<i>RPL3</i>	Body
cg01387036	17	32,690,255	1.67E-08	-0.216	-0.180				<i>CCL1</i>	TSS200
cg25013044	3	193,096,009	0.036144	-0.216	-0.111				<i>ATP13A5</i>	Body
cg00232160	9	129,468,157	1.72E-06	-0.216	-0.187					
cg24645149	1	3,159,083	0.01217	-0.216	-0.172				<i>PRDM16</i>	Body
cg02492873	2	25,193,821	0.000791	-0.216	-0.228				<i>DNAJC27</i>	Body
cg03970643	4	23,505,221	0.012026	-0.216	-0.106					
cg10481072	7	92,459,517	0.000225	-0.216	-0.206				<i>CDK6</i>	Body
cg04415689	2	242,128,250	1.36E-07	-0.216	-0.173	3.05E-25	-0.187		<i>ANO7</i>	Body
cg07945618	15	99,926,398	8.79E-08	-0.216	-0.186				<i>LRRC28</i>	3'UTR
cg08691775	8	134,310,658	2.1E-11	-0.216	-0.206				<i>NDRG1</i>	TSS1500
cg09218757	15	66,944,475	0.020563	-0.216	-0.140					
cg18067134	3	71,084,634	7.15E-06	-0.216	-0.224				<i>FOXP1</i>	Body
cg18740800	11	27,914,934	0.03544	-0.216	-0.142	0.00000111	-0.158			
cg15811371	19	9,093,198	0.001164	-0.216	-0.188				<i>MUC16</i>	TSS1500
cg09538031	5	41,072,796	0.020701	-0.216	-0.167				<i>HEATR7B2</i>	TSS1500
cg24784129	15	57,215,558	0.000133	-0.216	-0.207				<i>TCF12</i>	Body
cg12981595	17	39,254,427	1.45E-05	-0.216	-0.140				<i>KRTAP4-8</i>	TSS200
cg09829888	12	32,758,168	7.71E-06	-0.216	-0.202				<i>FGD4</i>	Body
cg18029167	8	110,693,289	9.2E-06	-0.216	-0.228				<i>GOLSYN</i>	5'UTR
cg19371121	1	175,050,479	0.015299	-0.216	-0.169				<i>TNN</i>	Body
cg20694666	13	21,343,614	3.19E-08	-0.216	-0.191			Yes	<i>N6AMT2</i>	5'UTR
cg02876191	6	54,328,858	0.005706	-0.216	-0.198					
cg05440289	1	152,881,119	0.006038	-0.216	-0.133	0.00035855	-0.114		<i>IVL</i>	5'UTR
cg06980460	11	49,230,548	7.25E-05	-0.216	-0.188	6.03E-11	-0.213		<i>FOLH1</i>	TSS1500
cg00434573	19	2,041,960	7.21E-08	-0.216	-0.198				<i>MKNK2</i>	Body
cg23856293	20	62,795,341	0.014589	-0.216	-0.230				<i>MYT1</i>	TSS1500
cg26606947	10	123,781,602	8.36E-07	-0.216	-0.202				<i>TACC2</i>	Body
cg07111988	1	24,971,764	7.01E-06	-0.216	-0.215				<i>SRRM1</i>	Body
cg21549695	5	74,333,288	1.31E-05	-0.216	-0.202					
cg03684845	16	4,606,754	1.07E-12	-0.216	-0.229			Yes	<i>LOC342346</i>	1stExon



cg10893667	5	111,313,992	0.014789	-0.216	-0.240				<i>C5orf13</i>	TSS1500
cg27015047	10	124,320,805	7.71E-06	-0.216	-0.207	0.00000112	-0.121		<i>DMBT1</i>	Body
cg09180566	13	24,736,095	6.36E-19	-0.216	-0.196				<i>SPATA13</i>	5'UTR
cg10785153	13	48,011,758	2.49E-05	-0.217	-0.226					
cg24139898	19	35,531,817	5.82E-05	-0.217	-0.200				<i>HPN</i>	5'UTR
cg11020894	3	186,659,238	1.55E-12	-0.217	-0.210				<i>ST6GAL1</i>	5'UTR
cg17345276	2	27,349,220	1.56E-06	-0.217	-0.211			Yes	<i>ABHD1</i>	Body
cg22575436	5	31,323,515	0.010827	-0.217	-0.151				<i>CDH6</i>	3'UTR
cg26794227	5	169,483,131	0.03247	-0.217	-0.189				<i>DOCK2</i>	Body
cg16734451	8	32,430,022	0.000451	-0.217	-0.155				<i>NRG1</i>	Body
cg17572903	20	47,713,223	0.004764	-0.217	-0.252				<i>CSE1L</i>	3'UTR
cg11737879	6	143,779,064	0.000115	-0.217	-0.230				<i>PEX3</i>	Body
cg12665414	5	173,318,755	2.37E-07	-0.217	-0.207				<i>CPEB4</i>	Body
cg01373819	15	91,209,329	4.63E-07	-0.217	-0.199					
cg03768338	8	76,823,133	0.000387	-0.217	-0.235					
cg27287305	4	100,576,985	0.005781	-0.217	-0.201					
cg06154311	20	61,002,657	5.96E-06	-0.217	-0.218				<i>C20orf151</i>	TSS200
cg13804467	9	28,907,222	0.000801	-0.217	-0.165					
cg19942083	12	7,070,562	6.41E-11	-0.217	-0.197					
cg24369233	2	127,713,082	0.000219	-0.217	-0.223					
cg14019464	20	377,350	0.006759	-0.217	-0.103				<i>TRIB3</i>	3'UTR
cg03785456	2	134,255,543	0.001756	-0.217	-0.292				<i>NCKAP5</i>	Body
cg00406188	1	152,647,216	0.044542	-0.217	-0.093	0.00186677	-0.101		<i>LCE2C</i>	TSS1500
cg20597842	12	7,818,585	0.01677	-0.217	-0.136				<i>APOBEC1</i>	TSS200
cg21186966	4	5,401,430	7.79E-14	-0.217	-0.201				<i>STK32B</i>	Body
cg06625721	12	33,205,814	0.003438	-0.217	-0.186					
cg08925606	20	31,595,509	6.22E-10	-0.217	-0.219				<i>BPIL1</i>	5'UTR
cg18319612	1	203,257,946	1.72E-06	-0.217	-0.216					
cg00215851	4	46,427,528	0.00098	-0.217	-0.176					
cg21334510	5	1,093,580	7.74E-05	-0.217	-0.174				<i>SLC12A7</i>	Body
cg25767154	8	145,594,413	1.67E-05	-0.217	-0.261					
cg05086987	21	46,931,501	0.001929	-0.217	-0.152				<i>COL18A1</i>	Body
cg09807227	17	80,201,957	3.9E-05	-0.217	-0.202					
cg22934449	14	104,199,773	0.000166	-0.217	-0.198				<i>ZFYVE21</i>	3'UTR

cg18051316	6	31,925,660	5.81E-08	-0.217	-0.215				<i>RDBP</i>	Body
cg23112423	7	10,516,354	0.013969	-0.217	-0.172					
cg16262284	3	182,987,901	0.003505	-0.217	-0.216				<i>MCF2L2</i>	Body
cg16854200	12	5,603,261	0.002209	-0.217	-0.171				<i>NTF3</i>	TSS200
cg00246486	3	112,642,487	0.00084	-0.217	-0.163				<i>CD200R1</i>	3'UTR
cg09820557	17	8,249,349	3.91E-05	-0.217	-0.203				<i>ODF4</i>	3'UTR
cg16819051	2	229,173,235	2.67E-05	-0.217	-0.223					
cg16179938	18	77,277,583	0.026643	-0.217	-0.219				<i>NFATC1</i>	Body
cg21484315	2	2,712,669	1.98E-06	-0.217	-0.170					
cg15814750	15	53,880,678	0.02689	-0.217	-0.164				<i>WDR72</i>	Body
cg02960488	3	178,863,507	8.36E-07	-0.217	-0.206					
cg05626536	8	144,801,088	1.68E-06	-0.217	-0.217			Yes	<i>MAPK15</i>	Body
cg22726414	8	3,316,819	0.038817	-0.217	-0.105				<i>CSMD1</i>	Body
cg14898232	2	201,124,405	5.79E-06	-0.217	-0.214					
cg09140665	11	7,960,899	0.00324	-0.217	-0.204				<i>OR10A3</i>	1stExon
cg17913347	2	98,357,103	0.000555	-0.217	-0.155					
cg24212047	11	121,973,805	0.040416	-0.217	-0.159				<i>LOC399959</i>	Body
cg09577324	11	6,890,860	0.032948	-0.217	-0.222				<i>OR10A2</i>	TSS200
cg13364075	7	157,320,369	0.001398	-0.217	-0.150					
cg17721480	4	187,619,391	0.000604	-0.217	-0.227				<i>FAT1</i>	Body
cg14898127	15	81,587,493	0.000597	-0.217	-0.241				<i>IL16</i>	Body
cg21296602	11	93,476,060	0.002938	-0.217	-0.110				<i>TAF1D</i>	TSS1500
cg22692725	3	52,722,452	0.000155	-0.217	-0.218				<i>GNL3</i>	Body
cg25577367	11	123,676,979	0.010775	-0.217	-0.199				<i>OR6M1</i>	1stExon
cg13712197	12	124,844,874	2.29E-07	-0.217	-0.190				<i>NCOR2</i>	Body
cg24947212	10	127,999,713	6.99E-07	-0.217	-0.200				<i>ADAM12</i>	Body
cg17887364	8	37,891,957	0.0016	-0.217	-0.199			Yes	<i>EIF4EBP1</i>	Body
cg02154084	5	146,184,364	0.015783	-0.217	-0.272				<i>PPP2R2B</i>	Body
cg24614200	13	19,967,206	0.000341	-0.217	-0.166					
cg18065599	11	47,968,995	1.15E-09	-0.217	-0.217					
cg18640098	5	9,888,660	0.027329	-0.217	-0.156				<i>LOC285692</i>	Body
cg23719663	X	71,093,852	0.016801	-0.217	-0.202					
cg01229998	11	60,049,447	0.0018	-0.217	-0.211				<i>MS4A4A</i>	Body
cg04839975	3	193,656,618	0.000462	-0.217	-0.195					

cg08394602	19	22,123,885	0.000773	-0.217	-0.206					
cg23990124	7	63,639,860	0.049155	-0.217	-0.124					
cg06576783	6	53,572,893	3.45E-06	-0.217	-0.167					
cg21565960	11	61,793,285	8.58E-05	-0.217	-0.230					
cg06500134	2	11,822,560	6.37E-05	-0.217	-0.173					
cg15461017	12	34,519,837	6.56E-09	-0.217	-0.209					
cg14283447	21	43,735,412	1.93E-06	-0.217	-0.187				<i>TFF3</i>	1stExon
cg18485530	13	59,547,037	0.000393	-0.217	-0.204					
cg17667625	8	134,224,711	0.003007	-0.217	-0.247				<i>WISP1</i>	Body
cg20533982	7	158,533,927	0.002921	-0.217	-0.197				<i>ESYT2</i>	Body
cg08315399	14	76,298,938	1.37E-06	-0.217	-0.194				<i>TLL5</i>	Body
cg09174555	1	153,364,020	1.97E-06	-0.217	-0.186				<i>S100A8</i>	TSS1500
cg06389098	16	71,424,252	2.23E-05	-0.217	-0.205				<i>CALB2</i>	Body
cg09828010	5	173,533,377	0.011382	-0.217	-0.249				<i>HMP19</i>	Body
cg25144149	10	133,317,423	0.019622	-0.217	-0.104					
cg24645447	1	243,426,679	0.0008	-0.217	-0.199				<i>SDCCAG8</i>	Body
cg27582081	3	119,294,816	1.17E-08	-0.217	-0.200					
cg26317899	17	35,527,041	0.00015	-0.217	-0.190			Yes	<i>ACACA</i>	Body
cg06417570	16	31,828,859	0.011531	-0.217	-0.215					
cg06848199	16	77,983,066	0.000635	-0.217	-0.145				<i>VAT1L</i>	Body
cg16169950	5	165,412	0.000255	-0.217	-0.297				<i>PLEKHG4B</i>	Body
cg08447373	5	90,478,943	0.034311	-0.217	-0.089					
cg09194202	11	103,910,096	0.004429	-0.217	-0.184				<i>PDGFD</i>	Body
cg12080079	1	19,007,925	0.004368	-0.217	-0.108				<i>PAX7</i>	Body
cg14313576	3	134,339,988	0.006141	-0.217	-0.259				<i>KY</i>	Body
cg17444747	5	177,915,909	1.13E-05	-0.217	-0.234				<i>COL23A1</i>	Body
cg17036744	3	56,717,720	0.002494	-0.217	-0.245				<i>C3orf63</i>	TSS1500
cg26075408	2	203,006,406	0.00024	-0.217	-0.137					
cg20642115	10	134,316,586	0.021765	-0.217	-0.041					
cg25072766	11	3,073,488	2.2E-09	-0.217	-0.243				<i>CARS</i>	Body
cg20530843	3	9,976,241	3.31E-08	-0.217	-0.195				<i>CRELD1</i>	Body
cg01841050	17	39,539,863	0.010127	-0.217	-0.115			Yes	<i>KRT34</i>	TSS1500
cg13812570	X	144,327,920	0.002918	-0.217	-0.203				<i>SPANXN1</i>	TSS1500
cg22203867	5	171,621,698	0.001356	-0.217	-0.194				<i>EFCAB9</i>	Body

cg09667753	11	50,239,550	5.87E-08	-0.217	-0.204				<i>LOC441601</i>	Body
cg14814536	11	22,648,107	0.000104	-0.217	-0.248				<i>FANCF</i>	TSS1500
cg17120792	11	55,705,284	0.002284	-0.217	-0.166				<i>OR5I1</i>	TSS1500
cg03673094	11	76,391,253	0.003444	-0.217	-0.149				<i>GUCY2E</i>	Body
cg25122369	3	168,801,790	0.000495	-0.217	-0.131				<i>MECOM</i>	3'UTR
cg05462446	16	77,574,072	0.003033	-0.217	-0.163					
cg18512205	15	40,183,559	5.34E-12	-0.217	-0.219				<i>GPR176</i>	Body
cg19540371	5	13,945,611	0.000529	-0.217	-0.204				<i>DNAH5</i>	TSS1500
cg22150051	20	23,499,697	0.045203	-0.217	-0.159				<i>CSTT</i>	TSS200
cg08596618	1	24,275,885	0.003951	-0.217	-0.124					
cg15718811	8	120,427,810	3.95E-05	-0.217	-0.219				<i>NOV</i>	TSS1500
cg18502477	11	57,946,199	0.000904	-0.217	-0.153				<i>OR9Q1</i>	5'UTR
cg20469625	8	106,582,085	0.034932	-0.217	-0.228				<i>ZFPM2</i>	Body
cg19103704	19	40,440,963	9.82E-07	-0.217	-0.183	1.58E-12	-0.120		<i>FCGBP</i>	TSS1500
cg22836134	14	75,647,041	0.000481	-0.217	-0.191					
cg01264963	11	123,885,967	5.62E-11	-0.217	-0.213				<i>OR10G4</i>	TSS1500
cg01454540	10	134,782,773	1.65E-05	-0.217	-0.173					
cg04231701	4	1,032,855	8.8E-09	-0.217	-0.204					
cg18268948	7	2,113,694	3.45E-07	-0.217	-0.201				<i>MAD1L1</i>	Body
cg25719521	2	192,742,700	0.000251	-0.217	-0.143					
cg12115882	11	133,449,267	0.026205	-0.217	-0.156					
cg26275841	14	103,040,826	0.000523	-0.217	-0.173					
cg13430173	9	112,914,149	1.03E-10	-0.217	-0.200				<i>AKAP2</i>	Body
cg25362714	22	32,804,978	0.00829	-0.217	-0.177				<i>C22orf28</i>	Body
cg14660328	11	79,878,290	4.46E-10	-0.217	-0.228					
cg04988729	11	606,583	1.73E-11	-0.217	-0.202				<i>PHRF1</i>	Body
cg22792461	10	97,850,322	0.005879	-0.217	-0.234					
cg26977737	21	22,175,522	0.007091	-0.217	-0.176				<i>C21orf131</i>	TSS200
cg01102471	2	58,584,770	0.003098	-0.217	-0.201			Yes		
cg09300089	16	89,539,230	2.38E-08	-0.217	-0.200				<i>ANKRD11</i>	5'UTR
cg14856914	10	86,018,582	0.001045	-0.217	-0.176				<i>RGR</i>	3'UTR
cg26306530	13	60,053,952	0.028354	-0.217	-0.207					
cg04287755	1	2,732,366	0.000722	-0.218	-0.191					
cg10976311	5	152,591,026	9.1E-05	-0.218	-0.207					

cg26552067	12	131,747,296	0.018247	-0.218	-0.140					
cg08327428	10	109,641,026	0.000142	-0.218	-0.208					
cg15821546	6	31,843,465	4.44E-11	-0.218	-0.213				<i>SLC44A4</i>	Body
cg25837904	4	154,167,187	9.4E-08	-0.218	-0.204				<i>TRIM2</i>	Body
cg10369242	12	52,625,486	1.78E-05	-0.218	-0.221				<i>KRT7</i>	TSS1500
cg23629187	8	125,576,109	3.86E-07	-0.218	-0.219				<i>MTSS1</i>	Body
cg27188860	8	33,801,282	1.5E-05	-0.218	-0.167					
cg06083483	17	32,646,006	5.81E-07	-0.218	-0.203				<i>CCL8</i>	TSS200
cg07588439	2	198,571,554	5.8E-07	-0.218	-0.199				<i>MARS2</i>	1stExon
cg11373895	2	78,545,567	0.028813	-0.218	-0.201					
cg21177502	8	50,968,578	0.000343	-0.218	-0.207				<i>SNTG1</i>	5'UTR
cg00050133	4	178,167,583	0.001613	-0.218	-0.150					
cg00213668	7	98,028,207	1.42E-09	-0.218	-0.225				<i>BAIAP2L1</i>	Body
cg01589580	18	77,440,800	8.22E-08	-0.218	-0.218	2.8E-12	-0.079		<i>CTDP1</i>	Body
cg05594286	16	86,840,467	0.002276	-0.218	-0.252					
cg10640284	20	13,971,811	1.69E-05	-0.218	-0.211				<i>SEL1L2</i>	TSS1500
cg13640423	3	120,412,084	0.00135	-0.218	-0.255				<i>RABL3</i>	Body
cg06127719	18	11,150,784	0.000608	-0.218	-0.201					
cg10720545	19	45,504,295	5.6E-06	-0.218	-0.171				<i>RELB</i>	TSS1500
cg17761538	8	145,753,477	0.01725	-0.218	-0.171				<i>MGC70857</i>	Body
cg18162059	4	5,405,706	0.014446	-0.218	-0.151				<i>STK32B</i>	Body
cg07700925	10	129,540,267	2.35E-05	-0.218	-0.159					
cg13085403	1	232,901,128	6.45E-08	-0.218	-0.193					
cg21166999	6	117,746,793	2.28E-06	-0.218	-0.191	0.00000855	-0.099		<i>ROS1</i>	1stExon
cg00641679	8	94,230,311	0.006769	-0.218	-0.201					
cg04960007	17	5,820,294	0.001928	-0.218	-0.156					
cg05331214	2	167,343,774	0.045076	-0.218	-0.150	4.65E-16	-0.168		<i>SCN7A</i>	TSS1500
cg09904358	10	24,446,911	0.000192	-0.218	-0.219				<i>KIAA1217</i>	5'UTR
cg15015426	1	159,506,559	4.28E-11	-0.218	-0.215				<i>OR10J5</i>	TSS1500
cg22127773	17	7,754,785	0.01941	-0.218	-0.108				<i>KDM6B</i>	Body
cg02870485	17	14,891,458	0.013491	-0.218	-0.098			Yes		
cg04133673	2	142,890,490	0.000731	-0.218	-0.194				<i>LRP1B</i>	TSS1500
cg08688636	7	31,935,390	0.001897	-0.218	-0.152				<i>PDE1C</i>	Body
cg16759787	14	85,667,733	0.007617	-0.218	-0.182					

cg15285975	3	146,498,234	5.08E-06	-0.218	-0.236					
cg19621065	15	92,459,857	0.000239	-0.218	-0.177				<i>SLCO3A1</i>	Body
cg22635088	5	2,096,922	1.02E-05	-0.218	-0.168					
cg10023915	11	9,772,285	1.21E-10	-0.218	-0.210				<i>SWAP70</i>	3'UTR
cg24359868	21	30,261,524	0.023929	-0.218	-0.143					
cg17980364	11	86,748,241	1.28E-06	-0.218	-0.217				<i>TMEM135</i>	TSS1500
cg06528591	12	131,978,899	0.005467	-0.218	-0.161					
cg14074184	10	133,837,230	5.35E-15	-0.218	-0.207					
cg20624429	11	122,471,331	0.027265	-0.218	-0.115			Yes		
cg23575688	11	119,486,443	9.45E-07	-0.218	-0.176					
cg17759816	19	1,313,033	1.64E-05	-0.218	-0.180					
cg06966245	1	30,043,002	0.036698	-0.218	-0.127					
cg13676215	7	17,337,976	8.97E-12	-0.218	-0.225				<i>AHR</i>	TSS1500
cg03782437	11	71,295,908	0.000301	-0.218	-0.141					
cg16663980	1	158,809,049	0.033607	-0.218	-0.272				<i>MNDA</i>	5'UTR
cg00169419	4	111,530,900	0.041309	-0.218	-0.100					
cg01243226	X	15,807,818	0.000111	-0.218	-0.200				<i>ZRSR2</i>	TSS1500
cg01571491	17	72,440,050	0.000976	-0.218	-0.121				<i>GPRC5C</i>	Body
cg02537838	20	61,002,595	7.88E-05	-0.218	-0.231	1.11E-07	-0.075		<i>C20orf151</i>	TSS200
cg08038219	20	62,031,924	0.000605	-0.218	-0.204					
cg16660394	16	19,089,709	4.55E-09	-0.218	-0.219				<i>COQ7</i>	3'UTR
cg21292473	1	181,683,239	0.009077	-0.218	-0.272				<i>CACNA1E</i>	Body
cg12496211	12	2,193,060	6.67E-15	-0.218	-0.203				<i>CACNA1C</i>	Body
cg17633170	12	131,217,151	0.014349	-0.218	-0.149					
cg21295827	1	178,708,719	0.038989	-0.218	-0.064				<i>RALGPS2</i>	5'UTR
cg23216731	8	130,832,237	0.000247	-0.218	-0.127					
cg24629972	8	43,147,439	0.027718	-0.218	-0.190				<i>POTEA</i>	TSS200
cg09815642	16	59,602,460	0.001362	-0.218	-0.182					
cg12599765	4	112,729,702	0.000685	-0.218	-0.163					
cg15846556	8	13,735,387	1.03E-07	-0.218	-0.203					
cg20169766	1	66,747,598	8.04E-09	-0.218	-0.212				<i>PDE4B</i>	Body
cg02307277	6	150,690,125	1.28E-10	-0.218	-0.197				<i>IYD</i>	5'UTR
cg20743662	3	38,589,496	0.022668	-0.218	-0.143					
cg03583746	6	1,604,013	2.03E-05	-0.218	-0.196					

cg02936593	11	45,734,486	5.74E-05	-0.218	-0.231					
cg07100532	18	713,085	0.000286	-0.218	-0.254				<i>ENOSF1</i>	TSS1500
cg00606396	5	19,531,574	2.13E-05	-0.218	-0.230				<i>CDH18</i>	Body
cg02442572	7	1,303,351	6.92E-05	-0.218	-0.219					
cg15441416	19	54,972,047	0.007154	-0.218	-0.176				<i>LENG8</i>	Body
cg21680327	1	36,108,225	0.002713	-0.218	-0.182				<i>PSMB2</i>	TSS1500
cg00334941	3	146,964,907	8.51E-07	-0.218	-0.251					
cg01323371	3	179,667,823	0.018093	-0.218	-0.158			Yes	<i>PEX5L</i>	Body
cg24786174	18	74,118,243	1.59E-05	-0.218	-0.200				<i>ZNF516</i>	Body
cg24984506	3	135,086,818	0.016937	-0.218	-0.266					
cg06252455	12	38,558,124	8.9E-05	-0.218	-0.193					
cg06919312	12	64,474,195	0.000494	-0.218	-0.177				<i>SRGAP1</i>	Body
cg07234199	20	37,059,825	0.006788	-0.218	-0.147				<i>LOC388796</i>	Body
cg13724820	2	44,104,732	0.000465	-0.218	-0.190				<i>ABCG8</i>	Body
cg27041655	5	87,733,473	0.000586	-0.218	-0.172					
cg05376362	6	74,826,447	0.003861	-0.218	-0.269					
cg25232786	3	161,138,842	2.76E-05	-0.218	-0.228					
cg27168033	19	3,983,219	4.7E-10	-0.218	-0.197				<i>EEF2</i>	Body
cg05193162	12	101,604,787	0.00112	-0.218	-0.168				<i>SLC5A8</i>	TSS1500
cg06855422	4	94,566,151	0.005573	-0.218	-0.175			Yes	<i>GRID2</i>	Body
cg10002131	19	53,794,492	0.002812	-0.218	-0.154				<i>BIRC8</i>	5'UTR
cg19614643	2	19,499,118	0.000245	-0.218	-0.252					
cg27244482	5	149,669,488	9.98E-06	-0.218	-0.227	0.00000131	-0.123		<i>CAMK2A</i>	TSS200
cg03943115	1	153,014,367	1.88E-05	-0.218	-0.187				<i>SPRR2D</i>	TSS1500
cg07695603	X	150,399,990	0.027313	-0.218	-0.137					
cg11039314	7	16,921,699	0.026825	-0.218	-0.235				<i>AGR3</i>	TSS200
cg09627060	10	134,875,916	0.002275	-0.218	-0.209					
cg03084648	8	23,429,119	0.000171	-0.218	-0.200				<i>SLC25A37</i>	Body
cg05402622	16	86,666,183	0.024773	-0.218	-0.125					
cg16710042	2	165,760,725	1.17E-07	-0.218	-0.187				<i>SLC38A11</i>	Body
cg10651502	4	46,738,197	0.03919	-0.218	-0.102				<i>COX7B2</i>	5'UTR
cg16237191	12	55,945,613	0.002757	-0.218	-0.180				<i>OR6C4</i>	1stExon
cg00534479	5	168,196,464	0.002873	-0.218	-0.135				<i>SLIT3</i>	Body
cg04548096	6	133,691,357	0.020662	-0.218	-0.100				<i>EYA4</i>	Body

cg04876407	2	134,781,671	0.013027	-0.218	-0.146					
cg17512522	20	6,195,391	0.041318	-0.218	-0.109					
cg26247795	21	14,407,237	0.018847	-0.218	-0.189			Yes		
cg27570873	10	135,029,717	0.006371	-0.218	-0.099				<i>KNDC1</i>	Body
cg19829001	17	74,640,078	4.33E-05	-0.218	-0.203				<i>ST6GALNAC1</i>	TSS200
cg00381745	7	99,096,450	0.000286	-0.218	-0.251				<i>ZNF394</i>	Body
cg01282725	12	1,645,963	1.05E-07	-0.218	-0.203					
cg14086922	22	18,268,239	2.01E-06	-0.218	-0.223					
cg09554339	19	43,442,693	0.013845	-0.218	-0.248				<i>PSG7</i>	TSS1500
cg04181079	11	104,896,587	0.000626	-0.218	-0.173				<i>CASP1</i>	3'UTR
cg05320945	19	14,911,751	0.004291	-0.218	-0.132				<i>OR7C1</i>	TSS1500
cg10019467	4	40,632,788	2.01E-05	-0.218	-0.224				<i>RBM47</i>	TSS1500
cg17736285	17	44,347,643	2.21E-06	-0.218	-0.210					
cg03023152	8	102,505,556	3.54E-15	-0.218	-0.221				<i>GRHL2</i>	Body
cg10488012	5	3,306,368	0.010983	-0.218	-0.127					
cg12904891	1	155,901,756	5.07E-05	-0.218	-0.156				<i>KIAA0907</i>	Body
cg05012620	17	47,886,433	1.72E-09	-0.218	-0.242				<i>MYST2</i>	Body
cg10623221	3	173,119,212	0.002953	-0.218	-0.225				<i>NLGN1</i>	5'UTR
cg01181150	7	154,407,878	0.035227	-0.218	-0.124				<i>DPP6</i>	Body
cg17081914	2	134,326,366	2.46E-09	-0.218	-0.233				<i>NCKAP5</i>	TSS1500
cg05304729	1	158,800,024	0.029665	-0.218	-0.294				<i>MNDA</i>	TSS1500
cg22069749	20	62,111,366	3.67E-20	-0.218	-0.225					
cg03424602	12	121,687,747	0.003688	-0.218	-0.166				<i>CAMKK2</i>	Body
cg21443274	8	106,782,921	0.000117	-0.219	-0.231				<i>ZFPM2</i>	Body
cg22287731	11	55,066,025	0.006719	-0.219	-0.146					
cg11150520	1	157,660,319	0.03205	-0.219	-0.134				<i>FCRL3</i>	Body
cg26192689	2	206,730,773	1.9E-12	-0.219	-0.215					
cg00425678	13	81,226,644	4.5E-07	-0.219	-0.237			Yes		
cg08279693	1	152,657,950	0.038416	-0.219	-0.095				<i>LCE2B</i>	TSS1500
cg14966325	1	153,029,005	0.019235	-0.219	-0.177				<i>SPRR2A</i>	Body
cg16404898	5	161,111,187	0.008629	-0.219	-0.220				<i>GABRA6</i>	TSS1500
cg24687276	15	89,163,928	5.67E-06	-0.219	-0.218				<i>AEN</i>	TSS1500
cg23883265	2	133,039,779	0.00017	-0.219	-0.157					
cg01130157	7	157,111,309	1.46E-08	-0.219	-0.193					



cg13066693	14	76,878,042	5.37E-05	-0.219	-0.200				<i>ESRRB</i>	5'UTR
cg08467103	2	65,593,933	2.94E-22	-0.219	-0.201				<i>SPRED2</i>	TSS200
cg09736361	2	242,833,228	0.000135	-0.219	-0.200					
cg18177920	11	5,956,787	0.007697	-0.219	-0.182					
cg25054821	12	119,216,236	0.005797	-0.219	-0.204					
cg03904711	3	118,865,255	1.34E-06	-0.219	-0.183				<i>C3orf30</i>	1stExon
cg12387464	11	123,775,935	3.35E-05	-0.219	-0.200				<i>OR8D4</i>	TSS1500
cg27304952	12	52,077,539	1.21E-07	-0.219	-0.201				<i>SCN8A</i>	Body
cg23517941	20	62,052,997	3.91E-05	-0.219	-0.129				<i>KCNQ2</i>	Body
cg11479568	8	41,522,951	1.21E-06	-0.219	-0.208				<i>ANK1</i>	TSS200
cg16663645	3	116,639,591	0.000135	-0.219	-0.225					
cg17277939	12	70,093,008	0.000106	-0.219	-0.217				<i>BEST3</i>	1stExon
cg19235974	12	1,063,197	0.004135	-0.219	-0.155					
cg19071976	6	32,026,656	0.002311	-0.219	-0.173				<i>TNXB</i>	Body
cg21214566	9	138,549,731	0.014058	-0.219	-0.135					
cg13374304	7	63,016,648	0.001434	-0.219	-0.173					
cg10200451	8	130,353,282	0.043995	-0.219	-0.210					
cg17631914	4	49,514,820	5.34E-25	-0.219	-0.196					
cg24655087	15	26,416,943	0.000161	-0.219	-0.209					
cg21542643	7	99,425,614	4.2E-10	-0.219	-0.209				<i>CYP3A43</i>	TSS200
cg24670445	11	57,519,282	1.04E-10	-0.219	-0.208				<i>BTBD18</i>	TSS200
cg26347851	20	61,754,869	0.003121	-0.219	-0.125					
cg19518426	5	2,866,779	0.01216	-0.219	-0.119					
cg14668152	10	131,357,256	0.000233	-0.219	-0.215				<i>MGMT</i>	Body
cg18384588	22	46,463,747	1.35E-08	-0.219	-0.194					
cg19223521	2	119,436,490	0.011222	-0.219	-0.225					
cg23846443	6	155,777,949	0.004414	-0.219	-0.178				<i>NOX3</i>	TSS1500
cg13588599	9	131,102,140	1.65E-07	-0.219	-0.195				<i>SLC27A4</i>	TSS1500
cg24375470	2	68,066,948	1.06E-12	-0.219	-0.211					
cg14301118	20	47,003,643	0.041597	-0.219	-0.162					
cg22036057	1	104,097,670	3.52E-05	-0.219	-0.198				<i>AMY2B</i>	5'UTR
cg04742334	20	37,850,248	0.004117	-0.219	-0.176				<i>LOC339568</i>	Body
cg22839180	5	175,117,697	0.044842	-0.219	-0.126					
cg22912214	8	145,675,857	7.8E-05	-0.219	-0.200				<i>CYHR1</i>	Body

cg04234597	5	3,851,581	2.29E-11	-0.219	-0.227					
cg00032490	12	131,402,349	0.008919	-0.219	-0.066					
cg01179769	13	45,742,810	1.76E-07	-0.219	-0.261				<i>GTF2F2</i>	Body
cg18587499	14	94,121,146	3.16E-09	-0.219	-0.184				<i>KIAA1409</i>	Body
cg11526413	15	90,223,712	1.19E-09	-0.219	-0.230				<i>PLIN1</i>	TSS1500
cg01169521	14	19,746,900	1.29E-09	-0.219	-0.192					
cg04515258	17	78,825,412	0.038805	-0.219	-0.180				<i>RPTOR</i>	Body
cg07183970	12	34,457,254	0.036777	-0.219	-0.132					
cg21093807	3	56,717,625	1.81E-05	-0.219	-0.240				<i>C3orf63</i>	TSS1500
cg02315870	7	26,236,721	0.000118	-0.219	-0.192				<i>HNRNPA2B1</i>	Body
cg02639667	5	154,092,321	1.18E-05	-0.219	-0.208				<i>LARP1</i>	TSS200
cg11850659	6	164,254,856	0.011104	-0.219	-0.181					
cg22618219	6	133,036,651	0.012288	-0.219	-0.181				<i>VNN1</i>	TSS1500
cg24580655	1	159,145,638	0.000276	-0.219	-0.157				<i>CADM3</i>	Body
cg23296792	5	147,777,756	0.001236	-0.219	-0.203		Yes		<i>FBXO38</i>	Body
cg07450749	14	43,123,081	2.6E-05	-0.219	-0.250					
cg13016237	7	154,681,513	0.044385	-0.219	-0.163				<i>DPP6</i>	Body
cg24702147	12	7,071,814	0.000337	-0.219	-0.215				<i>MIR141</i>	TSS1500
cg23714454	11	125,756,760	0.012658	-0.219	-0.275				<i>HYLS1</i>	TSS200
cg09668599	2	44,231,045	0.000795	-0.219	-0.158					
cg22022671	5	83,253,023	0.006326	-0.219	-0.157				<i>EDIL3</i>	Body
cg03448548	16	33,604,228	5.83E-05	-0.219	-0.192					
cg05433222	7	94,948,020	0.000347	-0.219	-0.212				<i>PON1</i>	Body
cg10711528	3	189,022,661	7.49E-05	-0.219	-0.188				<i>TPRG1</i>	Body
cg21045575	13	59,169,584	5.86E-05	-0.219	-0.203					
cg10399850	1	1,089,668	6.41E-05	-0.219	-0.196					
cg15998773	1	15,987,116	0.001313	-0.219	-0.197				<i>RSC1A1</i>	1stExon
cg20995977	1	4,856,996	0.049115	-0.219	-0.082					
cg15307285	11	22,648,074	0.000168	-0.219	-0.237				<i>FANCF</i>	TSS1500
cg23990303	8	130,760,646	0.033056	-0.219	-0.159				<i>GSDMC</i>	3'UTR
cg00585076	6	168,376,325	0.021274	-0.219	-0.142					
cg14004552	6	32,167,840	4.87E-05	-0.219	-0.143				<i>NOTCH4</i>	Body
cg20353653	15	85,143,219	3.59E-08	-0.219	-0.218				<i>ZSCAN2</i>	TSS1500
cg20067780	17	78,008,520	1.13E-05	-0.219	-0.184				<i>TBC1D16</i>	5'UTR

cg02586198	16	29,820,119	7.36E-27	-0.219	-0.209					MAZ	Body
cg26012050	20	17,292,250	0.03552	-0.219	-0.146					PCSK2	Body
cg02683929	13	39,566,053	0.004712	-0.219	-0.185					STOML3	TSS1500
cg10529845	16	49,522,337	0.028461	-0.219	-0.160						
cg01394884	4	186,961,192	1.02E-12	-0.219	-0.209						
cg04092699	2	76,975,220	0.000621	-0.219	-0.194					LRRTM4	3'UTR
cg06587955	Y	9,368,165	0.000278	-0.219	-0.175					TSPY4	3'UTR
cg12210543	19	12,175,107	2.31E-11	-0.219	-0.208					ZNF844	TSS1500
cg02326301	1	228,650,406	2.86E-06	-0.219	-0.227						
cg01519063	8	102,505,293	2.27E-08	-0.219	-0.219					GRHL2	Body
cg14266927	14	75,987,682	0.000428	-0.219	-0.229					BATF	TSS1500
cg18805469	1	152,944,810	0.032558	-0.219	-0.158					SPRR4	3'UTR
cg22867156	6	28,555,664	8.83E-22	-0.219	-0.206					SCAND3	TSS1500
cg14728856	X	47,052,534	5.91E-10	-0.219	-0.199					UBA1	5'UTR
cg24082174	3	186,503,643	4.07E-09	-0.219	-0.225					SNORA63	TSS1500
cg15143024	7	91,199,642	5.07E-07	-0.219	-0.199						
cg01879083	5	10,306,031	0.000844	-0.219	-0.291					CMBL	5'UTR
cg26906737	1	212,541,551	1.44E-06	-0.219	-0.177					TMEM206	Body
cg02901136	1	153,348,305	0.043923	-0.219	-0.141					S100A12	TSS1500
cg19397885	7	12,444,115	1.38E-06	-0.219	-0.223					VWDE	TSS1500
cg24052731	12	34,529,645	0.005605	-0.219	-0.160						
cg10961758	5	83,222,828	1.48E-06	-0.219	-0.220						
cg25533594	11	101,450,197	0.001187	-0.219	-0.224					TRPC6	Body
cg02077256	17	15,133,981	3.07E-05	-0.220	-0.229					PMP22	3'UTR
cg05680111	6	32,047,122	0.013371	-0.220	-0.127					TNXB	Body
cg07511317	14	104,159,997	0.001265	-0.220	-0.229					KLC1	Body
cg10094886	1	204,301,278	0.021292	-0.220	-0.139					PLEKHA6	5'UTR
cg18440774	4	69,212,380	0.000299	-0.220	-0.170					YTHDC1	Body
cg22378678	3	167,185,752	1.57E-05	-0.220	-0.205			Yes		SERPINI2	Body
cg17002719	7	12,444,013	0.025311	-0.220	-0.198			Yes		VWDE	TSS200
cg08096702	15	31,358,323	0.007581	-0.220	-0.221					MIR211	TSS1500
cg15556873	2	78,263,008	0.009136	-0.220	-0.208						
cg10462897	16	86,457,593	0.038735	-0.220	-0.129						
cg14014964	9	94,443,692	0.034137	-0.220	-0.125						

cg19755714	4	140,842,902	1.3E-05	-0.220	-0.218				<i>MAML3</i>	Body
cg00697290	3	22,410,416	1.26E-06	-0.220	-0.223					
cg00069003	5	140,164,106	0.000293	-0.220	-0.243					
cg14248084	Y	14,076,009	0.019966	-0.220	-0.154					
cg16818361	3	118,792,317	0.030789	-0.220	-0.150				<i>IGSF11</i>	Body
cg01282269	21	41,515,306	7.21E-05	-0.220	-0.169				<i>DSCAM</i>	Body
cg17540450	13	35,167,000	0.003493	-0.220	-0.168					
cg12677267	8	36,602,729	0.003518	-0.220	-0.130					
cg06765219	8	644,572	8.21E-07	-0.220	-0.207				<i>ERICH1</i>	Body
cg03207987	11	56,000,287	0.016259	-0.220	-0.101				<i>OR5T2</i>	1stExon
cg20972294	11	133,005,919	0.048421	-0.220	-0.143				<i>OPCML</i>	Body
cg08805386	8	37,797,731	0.00252	-0.220	-0.152				<i>GOT1L1</i>	TSS200
cg11684549	17	79,122,243	0.033091	-0.220	-0.099				<i>AATK</i>	Body
cg15654892	8	60,834,013	0.00129	-0.220	-0.177					
cg24903668	5	142,941,044	9.22E-06	-0.220	-0.207					
cg07572927	14	21,155,679	1.22E-05	-0.220	-0.214				<i>RNASE4</i>	TSS1500
cg19737334	8	46,951,755	0.009044	-0.220	-0.145					
cg08120226	3	195,531,633	1.44E-08	-0.220	-0.221				<i>MUC4</i>	Body
cg09697696	5	139,488,623	0.006429	-0.220	-0.145					
cg19878326	6	30,078,632	0.010396	-0.220	-0.202				<i>TRIM31</i>	Body
cg26175846	6	32,972,492	0.003746	-0.220	-0.124				<i>HLA-DOA</i>	3'UTR
cg00214856	11	2,242,500	0.036846	-0.220	-0.191					
cg09905047	16	33,570,115	0.001365	-0.220	-0.147					
cg24850334	1	218,879,437	1.02E-10	-0.220	-0.237					
cg14646039	5	152,729,842	0.000126	-0.220	-0.199					
cg15202552	1	157,671,759	8.41E-08	-0.220	-0.230				<i>FCRL3</i>	TSS1500
cg23083074	4	89,202,819	3.32E-06	-0.220	-0.214				<i>PPM1K</i>	5'UTR
cg08371224	5	170,066,539	0.002848	-0.220	-0.154				<i>KCNIP1</i>	Body
cg26150300	6	134,141,433	1.82E-08	-0.220	-0.221				<i>MGC34034</i>	TSS1500
cg08097973	11	71,793,051	3.16E-05	-0.220	-0.193				<i>LRTOMT</i>	5'UTR
cg25636441	11	88,059,527	0.007786	-0.220	-0.266				<i>CTSC</i>	3'UTR
cg18513357	5	135,696,688	0.008673	-0.220	-0.215				<i>TRPC7</i>	Body
cg24072224	19	43,410,455	3.42E-07	-0.220	-0.207				<i>PSG6</i>	Body
cg13541257	9	44,873,530	0.001905	-0.220	-0.222					

cg15870576	5	178,545,115	0.001652	-0.220	-0.232				<i>ADAMTS2</i>	Body
cg01927373	4	82,407,884	0.000135	-0.220	-0.206					
cg04186249	22	37,006,716	0.009883	-0.220	-0.128				<i>CACNG2</i>	Body
cg09354518	16	61,951,081	0.01822	-0.220	-0.146				<i>CDH8</i>	Body
cg13181695	2	31,749,899	2.08E-06	-0.220	-0.211				<i>SRD5A2</i>	3'UTR
cg23260578	14	20,978,830	0.021235	-0.220	-0.190				<i>RNASE10</i>	1stExon
cg14201634	11	111,831,876	0.001328	-0.220	-0.176				<i>DIXDC1</i>	Body
cg10137253	14	101,507,590	0.000596	-0.220	-0.248				<i>MIR300</i>	TSS200
cg16777493	16	84,483,628	3.85E-06	-0.220	-0.208				<i>ATP2C2</i>	Body
cg09756014	16	89,152,366	0.042403	-0.220	-0.088					
cg11619879	5	121,022,314	0.001554	-0.220	-0.138					
cg16405876	5	78,317,871	3.98E-07	-0.220	-0.194				<i>DMGDH</i>	Body
cg21997672	7	123,221,351	2.86E-10	-0.220	-0.202					
cg02512902	17	25,799,447	4.32E-05	-0.220	-0.203				<i>KSR1</i>	5'UTR
cg01828798	Y	8,571,457	0.026667	-0.220	-0.145				<i>TTY19</i>	TSS1500
cg15896356	18	72,168,601	0.000925	-0.220	-0.162				<i>CNDP2</i>	Body
cg23504924	5	13,945,371	2.14E-06	-0.220	-0.221				<i>DNAH5</i>	TSS1500
cg18940763	22	29,197,846	4.3E-07	-0.220	-0.235	3.88E-10	-0.175		<i>XBP1</i>	TSS1500
cg21631443	15	100,049,225	0.003185	-0.220	-0.139					
cg23493497	11	131,992,673	0.01521	-0.220	-0.154				<i>NTM</i>	Body
cg20084079	11	55,135,656	0.005801	-0.220	-0.166				<i>OR4A15</i>	1stExon
cg00012148	6	54,172,997	0.049738	-0.220	-0.063				<i>TINAG</i>	TSS1500
cg07151236	20	59,543,878	0.006943	-0.220	-0.147					
cg23003315	6	30,070,109	1.95E-06	-0.220	-0.217					
cg25840824	20	56,269,575	3.41E-07	-0.220	-0.242				<i>PMEPA1</i>	5'UTR
cg03180819	2	166,061,599	0.001019	-0.220	-0.172				<i>SCN3A</i>	TSS1500
cg03271150	19	46,387,760	0.00169	-0.220	-0.184				<i>IRF2BP1</i>	1stExon
cg06878009	16	77,874,011	1.92E-07	-0.220	-0.224				<i>VAT1L</i>	Body
cg07624310	15	26,235,362	0.012469	-0.220	-0.123					
cg15690511	11	50,004,210	1.89E-08	-0.220	-0.227				<i>OR4C12</i>	TSS200
cg06411879	10	21,456,039	1.4E-08	-0.220	-0.220				<i>NEBL</i>	Body
cg18617860	20	10,202,522	1.98E-07	-0.220	-0.190				<i>SNAP25</i>	5'UTR
cg03072740	12	56,030,437	0.041859	-0.220	-0.126				<i>OR10P1</i>	TSS1500
cg05696931	1	227,175,867	1.83E-06	-0.220	-0.226					

cg13959062	8	2,363,737	0.001865	-0.220	-0.180					
cg22222261	11	22,219,092	0.006329	-0.220	-0.288				<i>ANO5</i>	Body
cg25032793	18	76,125,627	0.047409	-0.220	-0.122					
cg09418000	7	39,056,400	1.62E-05	-0.220	-0.231				<i>POU6F2</i>	Body
cg13556767	9	8,234,760	0.000339	-0.220	-0.199					
cg04165933	16	49,833,847	0.010847	-0.220	-0.119				<i>ZNF423</i>	Body
cg14200127	1	97,604,182	1.56E-08	-0.220	-0.234				<i>DPYD</i>	Body
cg16237565	15	101,922,942	2.55E-07	-0.220	-0.201				<i>PCSK6</i>	Body
cg02384419	7	104,568,180	0.000224	-0.220	-0.231				<i>LOC723809</i>	TSS1500
cg23855121	4	38,784,938	0.000293	-0.220	-0.174				<i>TLR10</i>	TSS1500
cg10821841	13	112,200,892	0.046069	-0.220	-0.065					
cg11073813	6	109,029,018	0.000195	-0.220	-0.238					
cg20564865	6	31,096,861	2.44E-05	-0.220	-0.227				<i>PSORS1C1</i>	5'UTR
cg19214658	13	112,892,641	0.022619	-0.221	-0.133					
cg01276031	14	88,737,828	0.009989	-0.221	-0.155				<i>KCNK10</i>	TSS1500
cg10996368	11	131,940,246	0.001645	-0.221	-0.201				<i>NTM</i>	Body
cg12811617	14	105,446,698	2.24E-14	-0.221	-0.190					
cg11182199	6	150,161,689	4.15E-06	-0.221	-0.198				<i>LRP11</i>	Body
cg06954520	18	68,095,624	2.23E-05	-0.221	-0.202					
cg13721907	14	48,148,429	2.12E-07	-0.221	-0.208					
cg20318217	2	147,172,982	0.01406	-0.221	-0.192					
cg07646665	4	12,052,569	0.007965	-0.221	-0.260					
cg03274669	13	74,805,233	5.76E-05	-0.221	-0.189					
cg12990035	3	98,690,540	0.015481	-0.221	-0.243					
cg14840487	1	220,962,870	0.009166	-0.221	-0.097				<i>MOSC1</i>	Body
cg27292264	3	128,079,636	2.51E-06	-0.221	-0.268				<i>MIR1280</i>	TSS1500
cg02094827	10	99,496,515	8.11E-09	-0.221	-0.197				<i>ZFYVE27</i>	TSS1500
cg04107005	13	113,029,350	0.03299	-0.221	-0.131				<i>C13orf28</i>	TSS1500
cg08981648	2	233,750,457	2.02E-05	-0.221	-0.210				<i>NGEF</i>	Body
cg18181492	1	2,340,084	0.001811	-0.221	-0.259				<i>PEX10</i>	Body
cg11819637	3	184,095,505	0.008901	-0.221	-0.197	2.31E-11	-0.185		<i>THPO</i>	5'UTR
cg20481640	1	100,928,376	1.68E-09	-0.221	-0.219				<i>CDC14A</i>	Body
cg20503535	14	91,755,616	1.85E-05	-0.221	-0.220				<i>CCDC88C</i>	Body
cg24756966	6	43,478,692	0.005495	-0.221	-0.179				<i>C6orf154</i>	TSS1500

cg26548729	2	127,401,321	0.004952	-0.221	-0.162					
cg20325454	2	74,078,577	6.5E-10	-0.221	-0.228				<i>STAMBP</i>	Body
cg01272393	2	103,239,393	0.000201	-0.221	-0.153				<i>SLC9A2</i>	Body
cg01727408	16	85,609,071	0.000313	-0.221	-0.213					
cg13097800	14	47,104,140	0.010611	-0.221	-0.264					
cg01554539	7	157,413,902	0.013527	-0.221	-0.215				<i>PTPRN2</i>	Body
cg15082394	6	33,264,525	0.000891	-0.221	-0.178				<i>RGL2</i>	Body
cg10131232	20	1,610,358	0.007647	-0.221	-0.131				<i>SIRPG</i>	3'UTR
cg22542632	4	59,362,677	0.034925	-0.221	-0.099					
cg01478628	11	20,614,302	0.000204	-0.221	-0.206					
cg21181391	8	88,886,411	0.035256	-0.221	-0.111				<i>DCAF4L2</i>	TSS200
cg22860195	2	364,258	6.66E-06	-0.221	-0.155					
cg00148513	1	241,584,653	0.042599	-0.221	-0.105					
cg13934236	22	43,507,609	1.05E-08	-0.221	-0.217				<i>BIK</i>	5'UTR
cg02490589	1	158,944,784	0.019229	-0.221	-0.177				<i>PYHIN1</i>	Body
cg08464505	13	113,425,982	3.13E-05	-0.221	-0.202				<i>ATP11A</i>	Body
cg08658634	1	184,319,916	1.74E-05	-0.221	-0.191					
cg23567627	14	104,093,551	1.76E-05	-0.221	-0.218					
cg02304751	4	99,583,945	6.1E-06	-0.221	-0.230					
cg08891123	15	59,576,097	3.56E-06	-0.221	-0.219				<i>MYO1E</i>	Body
cg00397764	10	115,939,717	1.03E-10	-0.221	-0.214				<i>TDRD1</i>	5'UTR
cg23050227	8	112,241,152	0.017461	-0.221	-0.221					
cg19521693	19	54,468,577	9.38E-08	-0.221	-0.186				<i>CACNG8</i>	Body
cg23132327	11	80,167,599	1.01E-07	-0.221	-0.214					
cg01787460	5	4,868,532	2.84E-07	-0.221	-0.200					
cg27021368	6	155,639,080	0.006033	-0.221	-0.195					
cg00927226	7	115,608,801	0.00411	-0.221	-0.248				<i>TFEC</i>	Body
cg01661235	16	23,988,974	0.036596	-0.221	-0.163				<i>PRKCB</i>	Body
cg26124968	7	44,801,571	0.000922	-0.221	-0.183				<i>ZMIZ2</i>	Body
cg15776919	4	181,463,296	0.000153	-0.221	-0.190					
cg11394361	17	67,570,862	0.041909	-0.221	-0.129					
cg03784113	13	112,602,492	0.007764	-0.221	-0.144					
cg05017309	6	154,361,687	0.014552	-0.221	-0.109				<i>OPRM1</i>	Body
cg18068140	6	18,123,164	9.03E-06	-0.221	-0.228				<i>NHLRC1</i>	TSS1500

cg07568233	16	7,382,520	0.009016	-0.221	-0.125				<i>A2BP1</i>	Body
cg09493966	16	51,165,636	0.030054	-0.221	-0.173					
cg10489672	1	117,296,494	0.000977	-0.221	-0.229				<i>CD2</i>	TSS1500
cg19282411	6	48,842,056	0.004365	-0.221	-0.223					
cg05919105	1	77,533,592	5.33E-07	-0.221	-0.217					
cg02681040	11	3,240,201	0.000967	-0.221	-0.143				<i>MRGPRG</i>	TSS200
cg24681654	7	31,555,516	6.77E-11	-0.221	-0.232				<i>CCDC129</i>	TSS1500
cg25042465	8	50,825,702	0.006298	-0.221	-0.156				<i>SNTG1</i>	5'UTR
cg03329572	1	157,523,253	0.016204	-0.221	-0.166				<i>FCRL5</i>	TSS1500
cg19770955	7	107,203,448	0.000307	-0.221	-0.180	2.19E-17	-0.135		<i>COG5</i>	Body
cg07760622	10	117,754,806	0.029421	-0.221	-0.214					
cg09546889	2	22,918,193	0.011463	-0.221	-0.131					
cg13150785	15	41,138,160	0.000138	-0.221	-0.224				<i>SPINT1</i>	Body
cg23457518	10	134,810,240	0.001845	-0.221	-0.129					
cg25551622	17	65,052,432	0.000159	-0.221	-0.226				<i>CACNG1</i>	3'UTR
cg13235825	11	107,574,836	0.001875	-0.221	-0.198					
cg23140050	14	97,673,803	0.037145	-0.221	-0.153					
cg12196692	5	41,071,405	0.045565	-0.221	-0.170				<i>HEATR7B2</i>	1stExon
cg18537027	5	64,601,816	0.000575	-0.221	-0.190				<i>ADAMTS6</i>	Body
cg24418182	7	97,841,447	0.035835	-0.221	-0.086				<i>BHLHA15</i>	TSS200
cg01515534	19	42,415,665	0.001457	-0.221	-0.154					
cg03787088	11	34,847,603	2.81E-05	-0.221	-0.190					
cg23367089	2	220,169,805	0.027935	-0.221	-0.180				<i>PTPRN</i>	Body
cg01651570	14	104,194,141	0.007774	-0.221	-0.210				<i>ZFYVE21</i>	Body
cg14043752	2	64,770,117	1.37E-05	-0.221	-0.224				<i>AFTPH</i>	5'UTR
cg08934318	1	44,583,886	5.19E-08	-0.221	-0.200				<i>KLF17</i>	TSS1500
cg17004733	1	55,682,652	6.38E-07	-0.221	-0.211					
cg02456804	1	166,039,858	0.004427	-0.221	-0.256				<i>FAM78B</i>	Body
cg11906285	5	23,315,719	0.019984	-0.221	-0.184					
cg01416657	1	205,392,241	1.52E-10	-0.221	-0.211				<i>LEMD1</i>	TSS1500
cg13392680	8	72,935,034	0.000483	-0.221	-0.243				<i>TRPA1</i>	3'UTR
cg15230460	8	11,989,691	0.006259	-0.221	-0.139				<i>FAM66D</i>	Body
cg10700114	4	189,956,937	0.027672	-0.221	-0.121					
cg16456980	11	70,714,131	0.004887	-0.221	-0.146				<i>SHANK2</i>	Body



cg04242070	5	1,749,101	0.007674	-0.221	-0.144				
cg23232188	3	121,556,543	0.000307	-0.221	-0.149			<i>EAF2</i>	Body
cg00473929	19	35,417,259	1.09E-10	-0.221	-0.198			<i>ZNF30</i>	TSS1500
cg01751245	2	65,593,761	2.68E-09	-0.221	-0.203			<i>SPRED2</i>	5'UTR
cg23840044	11	22,696,087	2.69E-08	-0.221	-0.210			<i>GAS2</i>	5'UTR
cg09509365	1	3,006,755	0.038219	-0.221	-0.045			<i>PRDM16</i>	Body
cg12512173	13	111,936,059	0.012269	-0.221	-0.225			<i>ARHGEF7</i>	Body
cg19086905	15	102,342,791	0.003827	-0.221	-0.166				
cg13580382	9	140,081,032	1.87E-06	-0.222	-0.205			<i>ANAPC2</i>	Body
cg27435799	X	3,030,635	0.023511	-0.222	-0.178			<i>ARSF</i>	3'UTR
cg17822978	15	72,073,485	2.83E-06	-0.222	-0.230			<i>THSD4</i>	3'UTR
cg06502755	2	84,517,950	0.04643	-0.222	-0.148			<i>LOC388965</i>	Body
cg15458801	1	209,254,540	0.029001	-0.222	-0.179				
cg13531735	3	42,923,116	0.013241	-0.222	-0.132				
cg03926846	4	184,678,574	0.000504	-0.222	-0.234				
cg18555746	11	18,725,854	0.005669	-0.222	-0.129			<i>IGSF22</i>	3'UTR
cg26961103	X	139,865,953	0.011648	-0.222	-0.213			<i>CDR1</i>	1stExon
cg10704680	11	2,064,747	0.000546	-0.222	-0.175				
cg11708358	6	150,183,516	1.73E-08	-0.222	-0.216			<i>LRP11</i>	Body
cg00347938	11	69,469,113	2.25E-05	-0.222	-0.218			<i>CCND1</i>	3'UTR
cg01534527	3	38,003,247	6.89E-11	-0.222	-0.213			<i>CTDSPL</i>	Body
cg16240319	10	127,590,074	2.7E-06	-0.222	-0.176			<i>FANK1</i>	Body
cg24013105	8	137,955,493	0.030771	-0.222	-0.162				
cg18870085	4	187,985,253	0.003474	-0.222	-0.189				
cg19931596	2	172,645,256	1.23E-05	-0.222	-0.203			<i>SLC25A12</i>	Body
cg09596722	2	232,525,772	0.032762	-0.222	-0.203				
cg25968149	3	174,255,312	0.00081	-0.222	-0.119				
cg06844719	16	9,326,393	0.046351	-0.222	-0.176				
cg00880562	3	153,838,126	1.21E-07	-0.222	-0.223			<i>SGEF</i>	TSS1500
cg02880679	17	49,295,615	7.48E-07	-0.222	-0.268			<i>MBTD1</i>	Body
cg02968890	2	3,281,036	0.02678	-0.222	-0.275			<i>TSSC1</i>	Body
cg12530994	10	5,136,782	0.001153	-0.222	-0.207			<i>AKR1C3</i>	Body
cg02055988	22	31,671,702	0.000331	-0.222	-0.216			<i>LIMK2</i>	Body
cg09374462	4	49,314,051	0.029185	-0.222	-0.117				

cg18827501	2	167,338,333	0.006771	-0.222	-0.124					<i>SCN7A</i>	5'UTR
cg00523067	6	154,440,289	0.002245	-0.222	-0.180					<i>OPRM1</i>	3'UTR
cg00918005	2	79,253,210	0.00221	-0.222	-0.186	0.0000313	-0.107			<i>REG3G</i>	5'UTR
cg19800856	14	104,645,554	0.011271	-0.222	-0.175					<i>KIF26A</i>	Body
cg19849728	4	111,536,767	0.034613	-0.222	-0.118						
cg00095431	2	67,775,781	8.21E-08	-0.222	-0.238						
cg10127415	X	26,210,523	0.013894	-0.222	-0.267	2.35E-13	-0.214			<i>MAGEB6</i>	TSS200
cg18722615	11	40,359,642	0.001634	-0.222	-0.181						
cg06599514	16	86,328,711	0.008436	-0.222	-0.166						
cg14229404	9	107,894,426	0.000336	-0.222	-0.146						
cg15823330	1	3,207,539	0.040139	-0.222	-0.048					<i>PRDM16</i>	Body
cg01170129	2	110,448,269	7.06E-08	-0.222	-0.202						
cg12555810	12	119,187,794	0.006973	-0.222	-0.149						
cg26393791	2	16,180,066	0.000835	-0.222	-0.256						
cg11018432	12	124,832,427	0.018331	-0.222	-0.124					<i>NCOR2</i>	Body
cg21143109	15	93,851,183	0.019886	-0.222	-0.104						
cg23895722	11	128,776,112	2.17E-09	-0.222	-0.214					<i>C11orf45</i>	TSS1500
cg24717078	11	126,744,469	0.048612	-0.222	-0.234					<i>KIRREL3</i>	Body
cg26223968	14	101,204,240	0.025153	-0.222	-0.174			Yes			
cg10931853	12	34,548,115	9.55E-06	-0.222	-0.215						
cg03880506	12	132,638,107	0.007745	-0.222	-0.152						
cg17959416	19	22,987,826	0.005036	-0.222	-0.164						
cg23338408	14	31,289,523	0.000909	-0.222	-0.154						
cg00920668	1	207,991,122	0.037199	-0.222	-0.086					<i>LOC148696</i>	TSS1500
cg09535475	2	42,444,827	0.000637	-0.222	-0.252					<i>EML4</i>	Body
cg01886855	21	43,786,997	1.04E-06	-0.222	-0.215					<i>TFF1</i>	TSS1500
cg03898365	11	6,897,491	0.004629	-0.222	-0.252	0.00000167	-0.131			<i>OR10A4</i>	TSS1500
cg04514206	20	4,576,647	3.99E-05	-0.222	-0.202						
cg12690127	12	7,055,683	4.25E-29	-0.222	-0.222					<i>PTPN6</i>	TSS200
cg26208159	11	48,266,856	0.002192	-0.222	-0.165					<i>OR4X2</i>	1stExon
cg20849957	1	2,820,995	0.035135	-0.222	-0.070						
cg00789143	14	98,013,058	0.02153	-0.222	-0.150						
cg02153208	15	57,589,160	9.5E-07	-0.222	-0.205						
cg03374976	1	205,630,722	1.33E-08	-0.222	-0.177					<i>SLC45A3</i>	Body

cg02966841	2	1,926,366	0.008761	-0.222	-0.178				<i>MYT1L</i>	Body
cg08408740	5	52,558,413	0.000363	-0.222	-0.174					
cg18715189	19	57,631,405	0.036768	-0.222	-0.093				<i>USP29</i>	TSS200
cg02179478	3	35,785,377	0.026353	-0.222	-0.187				<i>MIR128-2</i>	TSS1500
cg09144520	10	134,842,984	1.48E-08	-0.222	-0.195					
cg09873772	16	4,896,197	1.36E-16	-0.222	-0.219				<i>GLYR1</i>	Body
cg18384794	5	148,509,515	1.19E-06	-0.222	-0.198					
cg05544940	6	33,170,339	0.000172	-0.222	-0.253				<i>SLC39A7</i>	Body
cg10087556	7	116,232,819	1.08E-05	-0.222	-0.244					
cg20299572	11	1,750,763	0.020317	-0.222	-0.187				<i>HCCA2</i>	Body
cg07056967	11	68,176,220	1.34E-05	-0.222	-0.217				<i>LRP5</i>	Body
cg19227053	20	60,116,795	0.014542	-0.222	-0.130				<i>CDH4</i>	Body
cg25326319	7	1,733,132	5.8E-10	-0.222	-0.215					
cg12380772	9	34,374,990	0.0017	-0.222	-0.201				<i>KIAA1161</i>	5'UTR
cg15855924	13	111,565,111	4.44E-05	-0.222	-0.218				<i>ANKRD10</i>	Body
cg14244402	9	130,681,102	2.99E-06	-0.222	-0.203					
cg17769229	10	83,639,690	0.003213	-0.222	-0.154				<i>NRG3</i>	Body
cg09251492	1	3,701,070	0.002855	-0.222	-0.127				<i>LRRC47</i>	Body
cg17276450	1	23,044,353	0.019977	-0.222	-0.259				<i>EPHB2</i>	Body
cg22972187	4	155,512,766	0.00041	-0.222	-0.160				<i>FGA</i>	TSS1500
cg09851241	3	186,731,798	0.024456	-0.222	-0.185				<i>ST6GAL1</i>	5'UTR
cg11407198	19	5,047,591	3.84E-07	-0.222	-0.197				<i>KDM4B</i>	Body
cg16857852	X	115,567,695	3.14E-09	-0.222	-0.244				<i>SLC6A14</i>	TSS200
cg04063339	8	56,545,297	0.028729	-0.222	-0.168					
cg21805791	7	1,581,258	1.01E-05	-0.222	-0.147				<i>MAFK</i>	3'UTR
cg24432768	1	158,149,974	0.004819	-0.222	-0.276				<i>CD1D</i>	5'UTR
cg02878382	14	104,665,702	1.48E-05	-0.222	-0.186					
cg15078211	7	42,265,517	9.54E-08	-0.222	-0.234				<i>GLI3</i>	5'UTR
cg17983632	6	1,621,930	6.03E-05	-0.222	-0.186					
cg02505681	19	39,615,285	1.52E-05	-0.222	-0.146				<i>PAK4</i>	TSS1500
cg16432350	12	52,585,695	6.63E-06	-0.222	-0.191				<i>KRT80</i>	1stExon
cg19923622	8	2,793,577	0.020854	-0.222	-0.170				<i>CSMD1</i>	3'UTR
cg05937687	8	70,101,609	1.95E-05	-0.222	-0.259					
cg12079266	18	55,924,005	0.015651	-0.222	-0.156				<i>NEDD4L</i>	5'UTR

cg15018704	19	1,908,132	2.98E-06	-0.222	-0.234				<i>ADAT3</i>	5'UTR
cg09186101	17	80,197,062	4.15E-07	-0.222	-0.238				<i>SLC16A3</i>	3'UTR
cg24365121	11	1,860,114	0.012077	-0.222	-0.143				<i>TNNI2</i>	TSS1500
cg23242649	20	34,196,465	0.000606	-0.222	-0.188				<i>FER1L4</i>	TSS1500
cg25370836	6	32,175,001	0.001085	-0.222	-0.124				<i>NOTCH4</i>	Body
cg21094613	11	78,900,687	8.28E-05	-0.222	-0.223				<i>ODZ4</i>	5'UTR
cg12078857	13	79,845,094	0.000241	-0.222	-0.249					
cg08898349	10	116,697,070	0.003697	-0.222	-0.181				<i>TRUB1</i>	TSS1500
cg12339328	20	18,491,484	0.004209	-0.223	-0.104				<i>SEC23B</i>	Body
cg07737566	7	50,847,263	0.010679	-0.223	-0.250				<i>GRB10</i>	5'UTR
cg14780990	15	93,181,182	2.1E-06	-0.223	-0.196				<i>FAM174B</i>	Body
cg16746369	16	51,192,174	0.011552	-0.223	-0.162					
cg05627696	4	16,933,239	0.001886	-0.223	-0.172					
cg07668671	12	113,305,756	1.07E-06	-0.223	-0.216				<i>RPH3A</i>	Body
cg11168687	4	185,726,782	0.000109	-0.223	-0.205				<i>ACSL1</i>	5'UTR
cg00237825	20	29,844,575	0.006781	-0.223	-0.186				<i>DEFB115</i>	TSS1500
cg05713044	5	16,671,496	0.000246	-0.223	-0.228				<i>MYO10</i>	Body
cg06747288	1	31,247,617	0.000481	-0.223	-0.136					
cg12929160	13	77,030,645	0.041212	-0.223	-0.209					
cg20789620	19	4,304,334	2.08E-07	-0.223	-0.234	6.14E-21	-0.151		<i>FSD1</i>	TSS1500
cg24897291	6	136,910,199	1.89E-05	-0.223	-0.189				<i>MAP3K5</i>	Body
cg03132551	7	55,411,178	0.000329	-0.223	-0.165					
cg12426196	1	161,008,826	2.37E-28	-0.223	-0.231				<i>TSTD1</i>	TSS200
cg21505231	6	30,984,668	8.32E-10	-0.223	-0.166					
cg07622201	7	49,929,836	0.019096	-0.223	-0.186				<i>VWC2</i>	Body
cg08650961	10	104,748,594	5.07E-06	-0.223	-0.199				<i>CNNM2</i>	Body
cg10909192	14	45,579,847	0.000137	-0.223	-0.224				<i>PRPF39</i>	Body
cg17079788	7	57,878,893	0.004605	-0.223	-0.191					
cg25093503	5	174,163,341	0.000832	-0.223	-0.157					
cg05538118	16	32,493,059	0.000848	-0.223	-0.231			Yes		
cg20983531	7	21,986,672	6.44E-08	-0.223	-0.233				<i>CDCA7L</i>	TSS1500
cg10694598	7	95,957,175	1.28E-08	-0.223	-0.210					
cg18414381	11	34,642,885	6.86E-09	-0.223	-0.213	0.00886177	-0.056		<i>EHF</i>	5'UTR
cg00300969	20	31,366,486	0.000228	-0.223	-0.161				<i>DNMT3B</i>	5'UTR

cg06029905	11	2,155,521	0.005594	-0.223	-0.123				<i>INS-IGF2</i>	Body
cg17275991	19	58,003,312	0.00401	-0.223	-0.093				<i>ZNF419</i>	Body
cg23260554	1	2,934,497	0.005756	-0.223	-0.099					
cg07371757	20	45,437,086	0.003569	-0.223	-0.161					
cg22971594	14	23,442,770	5.87E-06	-0.223	-0.163				<i>JUB</i>	Body
cg04498801	4	2,932,447	5.97E-07	-0.223	-0.232				<i>MFSD10</i>	3'UTR
cg02489219	2	197,676,272	1.11E-08	-0.223	-0.204				<i>C2orf66</i>	TSS1500
cg09492832	17	32,966,466	0.003605	-0.223	-0.130					
cg20250343	2	92,160,107	0.000846	-0.223	-0.181					
cg15076179	2	113,804,820	2.11E-10	-0.223	-0.217				<i>IL1F8</i>	5'UTR
cg15732053	X	47,662,641	3.45E-11	-0.223	-0.219					
cg08675521	11	18,716,666	7.16E-07	-0.223	-0.200					
cg21536086	1	154,166,546	0.000131	-0.223	-0.160				<i>MIR190B</i>	TSS1500
cg09136052	7	95,546,508	4.28E-05	-0.223	-0.270				<i>DYNC1I1</i>	Body
cg02449975	1	165,571,280	0.000123	-0.223	-0.256					
cg06362052	12	37,940,985	0.000208	-0.223	-0.216					
cg15781873	6	156,077,514	0.000991	-0.223	-0.175					
cg23117999	14	96,508,302	0.002305	-0.223	-0.141				<i>C14orf132</i>	Body
cg09163412	10	133,644,714	0.022205	-0.223	-0.090					
cg19949697	4	133,902,873	0.017771	-0.223	-0.181					
cg26080545	10	15,174,924	0.000397	-0.223	-0.234				<i>NMT2</i>	Body
cg01024458	1	8,703,816	1.17E-07	-0.223	-0.217				<i>RERE</i>	Body
cg01338296	7	129,556,606	7.06E-05	-0.223	-0.206				<i>UBE2H</i>	Body
cg02141358	8	57,228,615	0.004741	-0.223	-0.185				<i>SDR16C5</i>	Body
cg19121056	3	62,864,393	1.26E-06	-0.223	-0.179					
cg21312929	8	72,111,329	0.007577	-0.223	-0.202				<i>EYA1</i>	3'UTR
cg00492070	3	107,810,716	5.69E-06	-0.223	-0.236				<i>CD47</i>	TSS1500
cg01466011	3	156,837,590	4.07E-06	-0.223	-0.231					
cg22702857	12	4,269,985	0.022802	-0.223	-0.126					
cg09438085	X	52,087,706	0.006306	-0.223	-0.212					
cg27383651	6	28,888,809	1.34E-05	-0.223	-0.172				<i>TRIM27</i>	Body
cg01240823	15	92,667,819	0.029901	-0.223	-0.137				<i>SLCO3A1</i>	Body
cg01432087	11	67,242,162	1.15E-08	-0.223	-0.210					
cg04596544	5	33,997,325	0.002891	-0.223	-0.151				<i>AMACR</i>	Body

cg16134254	13	39,181,323	0.036827	-0.223	-0.170					
cg00320453	11	123,756,564	0.023582	-0.223	-0.126				<i>TMEM225</i>	TSS1500
cg24530116	10	81,904,331	1.03E-13	-0.223	-0.181				<i>PLAC9</i>	Body
cg01800148	1	9,130,886	2.56E-05	-0.223	-0.214				<i>SLC2A5</i>	TSS1500
cg21899558	7	661,634	5.97E-05	-0.223	-0.186				<i>PRKAR1B</i>	Body
cg15446520	4	120,930,379	0.011637	-0.223	-0.173					
cg20469680	7	135,458,419	9.54E-06	-0.223	-0.216					
cg21664614	13	111,277,611	0.023343	-0.223	-0.139				<i>CARKD</i>	Body
cg26343358	6	31,275,666	0.032177	-0.223	-0.246					
cg14321918	3	168,526,492	0.019575	-0.223	-0.113				<i>C3orf50</i>	Body
cg26622634	10	117,886,935	8.25E-05	-0.223	-0.208				<i>GFRA1</i>	Body
cg16636682	16	33,781,365	0.003471	-0.223	-0.196					
cg05155809	7	62,562,718	0.004198	-0.223	-0.182					
cg11387248	19	43,269,877	0.028676	-0.223	-0.268				<i>PSG8</i>	TSS200
cg16284238	6	87,196,595	0.000819	-0.223	-0.282					
cg04239863	16	87,093,670	0.039505	-0.223	-0.125					
cg01067983	6	2,961,157	2.5E-07	-0.223	-0.188				<i>SERPINB6</i>	5'UTR
cg03607573	11	93,471,889	4.78E-09	-0.223	-0.192				<i>TAF1D</i>	Body
cg18674460	6	32,169,650	0.000264	-0.223	-0.141				<i>NOTCH4</i>	Body
cg00526273	20	59,864,749	0.011886	-0.223	-0.115				<i>CDH4</i>	Body
cg04428071	17	80,225,377	0.03259	-0.223	-0.044				<i>CSNK1D</i>	Body
cg26427827	1	10,713,944	0.004765	-0.223	-0.149				<i>CASZ1</i>	Body
cg15195541	8	4,188,646	0.026831	-0.223	-0.132				<i>CSMD1</i>	Body
cg07959747	10	82,050,672	9.41E-08	-0.223	-0.208				<i>MAT1A</i>	TSS1500
cg08293623	11	40,803,410	0.000375	-0.223	-0.216					
cg12710637	1	2,918,373	0.026532	-0.223	-0.096					
cg27039467	16	1,730,561	0.049567	-0.223	-0.250				<i>HN1L</i>	Body
cg13665853	9	34,689,585	4.32E-05	-0.223	-0.208				<i>CCL19</i>	3'UTR
cg07151443	6	32,920,962	8.11E-06	-0.223	-0.216				<i>HLA-DMA</i>	TSS200
cg15557758	1	13,828,828	0.001474	-0.223	-0.088					
cg20793897	2	200,025,325	0.037083	-0.223	-0.165					
cg09418673	11	76,372,128	0.000159	-0.223	-0.214				<i>LRR32</i>	Body
cg10581876	1	205,645,246	0.003305	-0.223	-0.161				<i>SLC45A3</i>	5'UTR
cg26034799	9	5,185,804	2.81E-05	-0.223	-0.181				<i>INSL6</i>	TSS200

cg05453893	13	56,169,684	0.035618	-0.223	-0.149					
cg25195987	7	31,125,925	0.042031	-0.223	-0.118				<i>ADCYAP1R1</i>	Body
cg08697797	2	234,668,834	1.01E-07	-0.223	-0.183				<i>UGT1A10</i>	Body
cg23075771	1	64,188,741	0.003823	-0.223	-0.141					
cg05265703	3	137,787,902	1.58E-07	-0.223	-0.205				<i>DZIP1L</i>	Body
cg18414021	14	100,069,535	2.3E-05	-0.223	-0.147				<i>CCDC85C</i>	1stExon
cg18080370	3	62,305,486	3.63E-05	-0.224	-0.223				<i>C3orf14</i>	1stExon
cg22882121	6	31,842,909	2.49E-08	-0.224	-0.240				<i>SLC44A4</i>	Body
cg19011552	X	146,364,725	9.01E-08	-0.224	-0.214				<i>MIR514-2</i>	TSS1500
cg00180447	3	126,260,260	2.99E-06	-0.224	-0.253				<i>CHST13</i>	Body
cg02745398	4	9,445,158	0.004765	-0.224	-0.179				<i>DEFB131</i>	TSS1500
cg00326902	6	117,747,649	0.00015	-0.224	-0.223				<i>ROS1</i>	TSS1500
cg22522402	X	152,402,356	0.003452	-0.224	-0.178					
cg03868978	21	42,537,294	1.47E-10	-0.224	-0.212					
cg16799191	3	112,395,154	0.002405	-0.224	-0.212					
cg24563501	11	67,442,408	3.06E-09	-0.224	-0.222				<i>ALDH3B2</i>	TSS1500
cg00583861	1	32,014,363	0.010347	-0.224	-0.152					
cg22665383	11	55,339,961	0.025438	-0.224	-0.216				<i>OR4C16</i>	1stExon
cg24882334	12	24,902,649	0.010786	-0.224	-0.261					
cg16587725	11	41,139,791	0.021908	-0.224	-0.217					
cg17570276	7	6,099,250	0.042918	-0.224	-0.344				<i>EIF2AK1</i>	TSS1500
cg16166230	17	32,480,663	1.93E-08	-0.224	-0.208				<i>ACCN1</i>	Body
cg05505103	11	109,785,847	0.007107	-0.224	-0.183					
cg03035538	1	75,139,958	0.046494	-0.224	-0.117				<i>C1orf173</i>	TSS1500
cg12473257	20	56,239,669	1.03E-05	-0.224	-0.244				<i>PMEPA1</i>	5'UTR
cg13560914	1	9,565,530	6.9E-07	-0.224	-0.215					
cg16225663	6	32,026,797	0.013957	-0.224	-0.166				<i>TNXB</i>	Body
cg13371910	6	69,990,372	0.033465	-0.224	-0.245				<i>BAI3</i>	Body
cg15527308	18	54,813,067	0.000772	-0.224	-0.167					
cg16587174	6	31,778,842	0.004884	-0.224	-0.161				<i>HSPA1L</i>	Body
cg07045803	4	160,125,667	3.43E-08	-0.224	-0.204					
cg22712883	13	31,579,374	0.038546	-0.224	-0.065					
cg13094583	17	21,831,674	0.018951	-0.224	-0.132					
cg19415202	11	133,706,356	0.005008	-0.224	-0.128					

cg16727072	4	8,646,957	0.007753	-0.224	-0.093					
cg26601187	X	110,653,460	0.006897	-0.224	-0.170				<i>DCX</i>	Body
cg27561786	1	8,525,010	5.38E-07	-0.224	-0.208				<i>RERE</i>	Body
cg24373608	3	103,645,997	0.007413	-0.224	-0.177					
cg10408178	14	72,219,272	0.029222	-0.224	-0.097					
cg16802159	16	86,457,719	0.000403	-0.224	-0.177					
cg04948906	11	124,413,229	0.001454	-0.224	-0.235				<i>OR8B12</i>	1stExon
cg15128334	3	185,215,532	2.01E-11	-0.224	-0.204				<i>TMEM41A</i>	Body
cg21359747	15	101,420,636	4.69E-08	-0.224	-0.231	0.00153659	-0.081		<i>ALDH1A3</i>	Body
cg18512262	11	6,049,729	0.017863	-0.224	-0.235				<i>OR56A1</i>	TSS1500
cg12011596	19	22,442,461	0.001341	-0.224	-0.173					
cg05085729	3	109,213,358	1.76E-06	-0.224	-0.255				<i>FLJ25363</i>	3'UTR
cg13805793	10	54,515,952	0.012831	-0.224	-0.233					
cg22578425	7	115,456,904	0.019797	-0.224	-0.249					
cg13197551	20	60,709,957	7.34E-06	-0.224	-0.222				<i>LSM14B</i>	3'UTR
cg15496763	6	32,711,102	0.030378	-0.224	-0.098				<i>HLA-DQA2</i>	Body
cg20989454	11	613,478	3.68E-08	-0.224	-0.240				<i>IRF7</i>	Body
cg24069653	5	169,408,301	1.09E-07	-0.224	-0.198				<i>FAM196B</i>	TSS1500
cg10095968	21	45,847,903	0.000492	-0.224	-0.146				<i>TRPM2</i>	Body
cg10910685	4	46,911,519	0.038824	-0.224	-0.103				<i>COX7B2</i>	TSS1500
cg17057663	5	4,863,806	0.039355	-0.224	-0.107					
cg21871338	14	87,262,857	0.005193	-0.224	-0.183					
cg12603671	1	71,418,388	0.000408	-0.224	-0.154				<i>PTGER3</i>	Body
cg24181605	15	62,458,847	5.46E-05	-0.224	-0.220				<i>C2CD4B</i>	TSS1500
cg26666538	2	115,021,229	0.015579	-0.224	-0.272					
cg03579446	8	126,216,633	4.03E-09	-0.224	-0.223				<i>NSMCE2</i>	Body
cg14022090	11	34,642,303	1.47E-05	-0.224	-0.220				<i>EHF</i>	TSS1500
cg16372051	6	31,794,302	8.36E-17	-0.224	-0.225				<i>HSPA1B</i>	TSS1500
cg26639085	19	54,972,720	2.1E-06	-0.224	-0.190				<i>LENG8</i>	3'UTR
cg22630918	10	102,748,988	0.045657	-0.224	-0.154				<i>C10orf2</i>	1stExon
cg20611039	2	168,121,101	0.000382	-0.224	-0.191					
cg22186380	6	132,940,093	0.026456	-0.224	-0.131				<i>TAAR2</i>	Body
cg00968640	1	185,834,094	0.000862	-0.224	-0.156				<i>HMCN1</i>	Body
cg20141817	1	153,124,825	0.024692	-0.224	-0.174				<i>SPRR2G</i>	TSS1500



cg02980055	8	47,866,183	0.000595	-0.224	-0.192					
cg07283011	3	133,970,158	5.41E-10	-0.224	-0.235				<i>RYK</i>	TSS1500
cg08321867	13	112,857,019	0.02201	-0.224	-0.067					
cg14386668	17	3,337,334	0.003552	-0.224	-0.122				<i>OR1E2</i>	TSS200
cg26450574	6	32,944,067	1.16E-13	-0.224	-0.230				<i>BRD2</i>	Body
cg01534808	11	128,578,726	0.001036	-0.224	-0.122				<i>FLI1</i>	Body
cg08081485	2	242,617,771	1.38E-06	-0.224	-0.229				<i>DTYMK</i>	Body
cg12843489	17	35,061,545	1.91E-06	-0.224	-0.178					
cg15948795	4	7,968,678	0.006643	-0.224	-0.240				<i>ABLIM2</i>	3'UTR
cg13472610	21	40,174,791	4.79E-05	-0.224	-0.194					
cg17797815	10	119,806,972	9.62E-07	-0.224	-0.261				<i>CASC2</i>	Body
cg21861953	13	29,158,391	0.048355	-0.224	-0.123					
cg24802813	7	38,389,991	9.21E-05	-0.224	-0.146					
cg05406749	11	123,495,671	0.010382	-0.225	-0.208					
cg05431947	11	12,621,248	0.005932	-0.225	-0.118					
cg12583394	5	101,827,323	0.030224	-0.225	-0.083				<i>SLCO6A1</i>	Body
cg16113347	14	93,899,367	4.76E-05	-0.225	-0.197				<i>KIAA1409</i>	5'UTR
cg25621991	5	142,942,670	1.05E-08	-0.225	-0.167					
cg25123362	10	133,793,734	3.96E-05	-0.225	-0.209				<i>BNIP3</i>	Body
cg05384663	1	157,671,386	0.007358	-0.225	-0.191				<i>FCRL3</i>	TSS1500
cg18066206	22	46,459,890	2.96E-06	-0.225	-0.225					
cg00061185	12	50,596,347	0.000181	-0.225	-0.229				<i>LIMA1</i>	Body
cg10186254	14	80,267,501	3.11E-06	-0.225	-0.173				<i>NRXN3</i>	Body
cg00146928	12	9,269,671	0.024613	-0.225	-0.099				<i>A2M</i>	TSS1500
cg12810264	10	43,329,092	0.010316	-0.225	-0.200				<i>BMS1</i>	3'UTR
cg16986661	2	65,866,869	3.55E-12	-0.225	-0.224					
cg20260619	14	54,449,398	0.021339	-0.225	-0.357					
cg27259633	16	19,534,852	0.007339	-0.225	-0.169				<i>GDE1</i>	TSS1500
cg14771419	7	142,012,988	0.035397	-0.225	-0.290					
cg04627863	2	234,741,670	0.011675	-0.225	-0.239					
cg19616783	10	1,063,172	3.55E-05	-0.225	-0.242				<i>GTPBP4</i>	3'UTR
cg05667197	7	142,828,903	0.000853	-0.225	-0.162				<i>PIP</i>	TSS1500
cg09643350	6	66,498,032	0.031804	-0.225	-0.196				<i>MCART3P</i>	Body
cg19389370	11	10,161,484	0.013176	-0.225	-0.126				<i>SBF2</i>	Body

cg14321066	3	168,115,836	0.003481	-0.225	-0.130				<i>C3orf50</i>	Body
cg26283480	3	129,252,584	3.21E-05	-0.225	-0.170				<i>RHO</i>	3'UTR
cg14654811	1	158,550,705	0.034897	-0.225	-0.118				<i>OR10X1</i>	TSS1500
cg09277566	22	50,017,428	0.007976	-0.225	-0.137				<i>C22orf34</i>	Body
cg24467326	10	9,646,929	0.018028	-0.225	-0.193					
cg03160217	2	117,814,299	0.016594	-0.225	-0.177					
cg06219695	16	434,256	3.64E-08	-0.225	-0.205				<i>LOC100134368</i>	Body
cg15825510	7	97,882,260	0.000112	-0.225	-0.187				<i>TECPR1</i>	TSS1500
cg23360101	8	858,591	0.000101	-0.225	-0.189					
cg24924502	17	79,109,777	0.029554	-0.225	-0.106				<i>AATK</i>	Body
cg13847226	4	7,193,237	0.001917	-0.225	-0.159				<i>SORCS2</i>	TSS1500
cg16714933	12	34,529,386	1.27E-07	-0.225	-0.242					
cg08484337	6	31,590,563	1.27E-06	-0.225	-0.219				<i>SNORA38</i>	TSS1500
cg16955318	11	124,056,323	0.01878	-0.225	-0.171					
cg20998200	11	22,370,099	1.01E-05	-0.225	-0.231			Yes	<i>SLC17A6</i>	Body
cg05078644	13	101,910,857	0.025584	-0.225	-0.148				<i>NALCN</i>	Body
cg15642035	8	139,165,052	0.01026	-0.225	-0.181	0.00135878	-0.107		<i>FAM135B</i>	Body
cg18186343	14	101,317,620	0.001625	-0.225	-0.190				<i>MIR770</i>	TSS1500
cg14286514	9	32,525,315	3.44E-05	-0.225	-0.165				<i>DDX58</i>	Body
cg26277556	14	54,507,223	0.014357	-0.225	-0.312			Yes		
cg01960885	18	24,765,781	5.55E-07	-0.225	-0.190				<i>CHST9</i>	TSS1500
cg00861010	1	41,966,113	4.75E-05	-0.225	-0.224					
cg01889461	7	34,606,530	0.008663	-0.225	-0.158					
cg16916688	6	34,101,441	0.001434	-0.225	-0.160				<i>GRM4</i>	1stExon
cg22366943	6	124,882,293	0.005946	-0.225	-0.178				<i>NKAIN2</i>	Body
cg08014182	6	33,241,594	1.27E-09	-0.225	-0.188				<i>RPS18</i>	Body
cg15910070	11	101,681,939	0.020679	-0.225	-0.222					
cg21173150	12	53,321,588	0.000266	-0.225	-0.143					
cg26540441	2	236,120,905	0.000423	-0.225	-0.184					
cg02981942	16	54,574,605	3.5E-07	-0.225	-0.190					
cg04366343	4	16,819,676	0.002654	-0.225	-0.149				<i>LDB2</i>	Body
cg10567744	10	130,829,670	6.29E-07	-0.225	-0.193					
cg11440666	11	75,115,402	0.000523	-0.225	-0.243				<i>RPS3</i>	Body
cg26703245	11	131,460,647	0.032574	-0.225	-0.141				<i>NTM</i>	Body

cg03400410	1	198,745,486	0.00142	-0.225	-0.126					
cg16223358	10	86,372,858	1.58E-08	-0.225	-0.218					
cg17331569	1	160,788,135	0.002134	-0.225	-0.270				LY9	Body
cg10467926	7	57,090,465	0.015451	-0.225	-0.176					
cg10808936	1	159,173,216	0.013966	-0.225	-0.151				DARC	TSS1500
cg00038857	17	32,645,753	0.000231	-0.225	-0.213				CCL8	TSS1500
cg15756839	6	57,972,349	0.049416	-0.225	-0.115					
cg11172483	11	78,900,896	0.00022	-0.225	-0.225				ODZ4	5'UTR
cg11232156	1	158,035,207	0.003398	-0.225	-0.161				KIRREL	Body
cg13399773	20	34,700,112	6.16E-06	-0.225	-0.232				EPB41L1	TSS1500
cg17184255	1	12,304,762	1.95E-05	-0.225	-0.216				VPS13D	Body
cg22724854	11	55,737,072	0.005532	-0.225	-0.214				OR10AG1	TSS1500
cg05431942	11	6,866,629	0.012983	-0.225	-0.226				OR10A5	TSS1500
cg06361127	1	182,024,689	0.000365	-0.225	-0.214				ZNF648	3'UTR
cg11842367	1	78,703,580	3.69E-07	-0.225	-0.191				MGC27382	Body
cg14401837	7	34,697,493	0.036862	-0.225	-0.191	3.48E-10	-0.174		NPSR1	TSS1500
cg06994787	16	11,834,960	1.28E-06	-0.225	-0.281				TXNDC11	Body
cg09933323	1	214,832,208	0.00568	-0.225	-0.251				CENPF	Body
cg21715189	2	38,304,802	0.000319	-0.225	-0.240				CYP1B1	TSS1500
cg09799307	17	80,046,218	0.009542	-0.225	-0.124				FASN	Body
cg15139163	3	11,408,424	3.83E-07	-0.225	-0.193				ATG7	Body
cg11620557	X	39,963,545	0.004658	-0.225	-0.284				BCOR	5'UTR
cg00616000	7	6,521,599	1.77E-09	-0.225	-0.221				KDELR2	Body
cg20146904	1	192,216,653	0.006682	-0.225	-0.140					
cg06772202	7	75,678,527	2.72E-08	-0.225	-0.226				MDH2	Body
cg26746309	10	101,943,528	2.65E-07	-0.225	-0.184				ERLIN1	Body
cg01039849	5	110,816,428	4.69E-06	-0.225	-0.208				CAMK4	Body
cg02464901	2	188,851,274	7.99E-06	-0.225	-0.216					
cg18482892	3	56,833,426	1.45E-17	-0.225	-0.217				ARHGEF3	Body
cg03975156	11	7,961,516	0.002066	-0.225	-0.178				OR10A3	TSS1500
cg09385306	1	85,724,328	2.23E-06	-0.225	-0.147				C1orf52	Body
cg00190034	8	38,584,636	0.009911	-0.225	-0.147				TACC1	TSS1500
cg01094891	19	31,048,117	0.005141	-0.225	-0.165				ZNF536	3'UTR
cg14024893	9	139,943,146	0.011895	-0.225	-0.124				ENTPD2	Body

cg02073887	15	96,531,851	2.5E-07	-0.225	-0.233					
cg12663426	1	155,115,785	0.028012	-0.225	-0.188					
cg16384355	7	157,320,516	0.031206	-0.225	-0.075					
cg16401608	2	220,523,857	0.030072	-0.225	-0.207					
cg09424271	X	147,586,050	0.003993	-0.225	-0.203				<i>AFF2</i>	Body
cg14343414	6	31,025,967	0.010204	-0.225	-0.143				<i>HCG22</i>	Body
cg05670717	21	46,368,052	5.62E-06	-0.225	-0.193				<i>C21orf70</i>	Body
cg07592513	19	49,994,239	9.73E-07	-0.225	-0.188				<i>SNORD35A</i>	TSS200
cg23793965	8	91,841,347	4E-05	-0.225	-0.256				<i>NECAB1</i>	Body
cg11288686	12	29,735,807	4.98E-10	-0.225	-0.212				<i>TMTC1</i>	Body
cg22479532	4	62,450,110	0.009904	-0.225	-0.151				<i>LPHN3</i>	Body
cg10956860	5	32,175,561	3.12E-12	-0.225	-0.252				<i>GOLPH3</i>	TSS1500
cg24630825	4	176,909,979	1.45E-06	-0.225	-0.240				<i>GPM6A</i>	5'UTR
cg23323297	19	51,195,418	0.002723	-0.225	-0.225				<i>SHANK1</i>	Body
cg21968796	21	46,358,532	1.95E-05	-0.225	-0.219	0.01592102	-0.064		<i>C21orf67</i>	Body
cg23406509	17	31,479,452	0.003361	-0.225	-0.152				<i>ACCN1</i>	Body
cg11214047	7	92,761,722	4.48E-05	-0.225	-0.182				<i>SAMD9L</i>	Body
cg04084173	1	48,458,049	0.014275	-0.225	-0.119					
cg00170459	4	136,509,310	0.000708	-0.226	-0.154					
cg06817269	15	59,909,035	0.005155	-0.226	-0.274	1.22E-09	-0.157		<i>GCNT3</i>	5'UTR
cg10717610	2	394,242	0.00045	-0.226	-0.261					
cg18640514	7	53,664,246	0.002657	-0.226	-0.199					
cg05209306	19	39,899,376	2.6E-09	-0.226	-0.190				<i>ZFP36</i>	3'UTR
cg07211251	5	72,989,417	6.36E-06	-0.226	-0.197				<i>RGNEF</i>	Body
cg04955791	6	152,959,047	0.006799	-0.226	-0.196				<i>SYNE1</i>	TSS1500
cg24884543	18	77,139,072	0.039279	-0.226	-0.155					
cg00532399	5	171,209,553	0.00226	-0.226	-0.156					
cg05285429	3	77,122,541	0.000006	-0.226	-0.214				<i>ROBO2</i>	Body
cg25920535	3	196,233,831	0.005474	-0.226	-0.143				<i>C3orf43</i>	3'UTR
cg02772823	X	115,567,582	4.5E-09	-0.226	-0.239				<i>SLC6A14</i>	TSS200
cg02678638	16	85,671,115	0.001211	-0.226	-0.218				<i>KIAA0182</i>	5'UTR
cg06872010	8	12,236,258	0.00311	-0.226	-0.161				<i>FAM66A</i>	Body
cg24423088	21	32,185,365	0.049407	-0.226	-0.081	0.00771579	-0.081		<i>KRTAP8-1</i>	1stExon
cg08247866	1	3,096,529	0.011231	-0.226	-0.111				<i>PRDM16</i>	Body

cg14347463	8	129,886,819	0.000618	-0.226	-0.202					
cg22164531	1	192,146,717	0.032905	-0.226	-0.126				<i>RGS18</i>	Body
cg23244540	2	127,532,388	0.012865	-0.226	-0.143					
cg01617018	16	30,116,135	0.002026	-0.226	-0.270				<i>GDPD3</i>	3'UTR
cg02571560	6	32,037,587	0.000993	-0.226	-0.158				<i>TNXB</i>	Body
cg23527409	19	44,956,065	0.017107	-0.226	-0.168					
cg17128024	8	2,196,833	0.003461	-0.226	-0.161					
cg23823833	3	159,075,576	0.000234	-0.226	-0.159				<i>SCHIP1</i>	Body
cg26403580	10	120,936,730	7.56E-07	-0.226	-0.221				<i>PRDX3</i>	Body
cg00043591	7	156,874,860	0.001387	-0.226	-0.166					
cg08486180	2	56,461,845	0.026819	-0.226	-0.259				<i>CCDC85A</i>	Body
cg05139761	1	4,842,529	6.97E-05	-0.226	-0.175				<i>AJAP1</i>	3'UTR
cg17385247	10	115,718,469	4.08E-11	-0.226	-0.222					
cg23276912	1	35,326,118	2.21E-12	-0.226	-0.229				<i>C1orf212</i>	TSS1500
cg11198968	10	83,676,596	0.025507	-0.226	-0.128				<i>NRG3</i>	Body
cg12114804	14	70,236,481	0.020526	-0.226	-0.192				<i>SFRS5</i>	Body
cg20738274	1	207,201,020	6.76E-12	-0.226	-0.229				<i>C1orf116</i>	5'UTR
cg06759874	4	186,960,904	4.12E-13	-0.226	-0.226					
cg13513349	4	175,851,061	0.014385	-0.226	-0.134				<i>ADAM29</i>	5'UTR
cg01763947	15	92,459,894	0.020005	-0.226	-0.189				<i>SLCO3A1</i>	Body
cg05988964	8	140,629,559	0.013133	-0.226	-0.131				<i>KCNK9</i>	3'UTR
cg10821813	10	129,562,528	0.030006	-0.226	-0.184					
cg09242541	1	10,490,025	1.48E-12	-0.226	-0.208	4E-21	-0.148		<i>APITD1</i>	TSS200
cg10138313	22	44,964,253	2.29E-06	-0.226	-0.172				<i>NCRNA00207</i>	TSS1500
cg14284630	11	56,018,532	2.75E-05	-0.226	-0.223				<i>OR5T3</i>	TSS1500
cg03992092	X	139,169,879	0.000281	-0.226	-0.221					
cg15023686	18	76,675,402	3.83E-06	-0.226	-0.175					
cg19532959	12	65,518,055	0.001688	-0.226	-0.191					
cg09059945	7	130,126,018	0.000619	-0.226	-0.239	0.01226872	-0.043		<i>MEST</i>	TSS200
cg02805690	1	155,895,456	0.006556	-0.226	-0.178				<i>KIAA0907</i>	Body
cg05638689	11	65,314,454	1.8E-17	-0.226	-0.248				<i>LTBP3</i>	Body
cg27094323	7	1,216,898	0.000454	-0.226	-0.149					
cg26680644	1	24,920,997	4.3E-06	-0.226	-0.218				<i>C1orf130</i>	5'UTR
cg01431057	1	153,362,927	0.000194	-0.226	-0.195				<i>S100A8</i>	Body

cg16960593	6	161,087,573	0.01057	-0.226	-0.220				<i>LPA</i>	TSS200
cg24995014	22	49,934,662	0.044846	-0.226	-0.070					
cg16393935	11	128,263,817	5.77E-09	-0.226	-0.219					
cg04530015	2	215,796,436	3.35E-07	-0.226	-0.215				<i>ABCA12</i>	3'UTR
cg06254768	4	114,064,176	3.24E-05	-0.226	-0.168				<i>ANK2</i>	Body
cg01397065	19	1,908,328	7.15E-05	-0.226	-0.238				<i>ADAT3</i>	5'UTR
cg03090436	6	71,121,859	0.002426	-0.226	-0.257				<i>FAM135A</i>	TSS1500
cg00111333	1	198,828,249	0.023005	-0.226	-0.094				<i>MIR181B1</i>	TSS200
cg02303399	1	153,175,248	0.001617	-0.226	-0.176				<i>LELP1</i>	TSS1500
cg14219111	18	13,826,671	0.000107	-0.226	-0.226				<i>MC5R</i>	1stExon
cg14321343	22	29,838,869	2.21E-06	-0.226	-0.159				<i>RFPL1S</i>	TSS1500
cg10089626	1	45,969,600	0.04438	-0.226	-0.122				<i>MMACHC</i>	Body
cg18183817	3	13,665,008	0.029048	-0.226	-0.268				<i>FBLN2</i>	Body
cg04522625	3	64,751,651	2.3E-08	-0.226	-0.225				<i>MIR548A2</i>	Body
cg10734581	14	101,520,078	0.004337	-0.226	-0.225				<i>MIR134</i>	TSS1500
cg18218190	1	201,982,372	0.008714	-0.226	-0.306				<i>ELF3</i>	Body
cg26626829	2	181,386,053	6.54E-11	-0.226	-0.213					
cg07008784	1	205,498,551	4.03E-10	-0.226	-0.205				<i>CDK18</i>	Body
cg09478995	11	57,264,045	3.29E-06	-0.226	-0.166				<i>SLC43A1</i>	Body
cg11010561	4	155,630,610	0.000702	-0.226	-0.150					
cg26605760	17	61,597,601	4.38E-09	-0.226	-0.219					
cg03330223	16	86,371,363	0.00253	-0.226	-0.197				<i>LOC732275</i>	Body
cg12277653	22	50,028,456	0.001506	-0.226	-0.141				<i>C22orf34</i>	Body
cg26486069	X	48,434,354	0.000117	-0.226	-0.228				<i>RBM3</i>	Body
cg00678892	2	53,543,334	0.008561	-0.226	-0.202					
cg08877257	16	29,820,592	1.6E-09	-0.226	-0.202				<i>MAZ</i>	Body
cg15029475	5	3,028,202	0.018592	-0.226	-0.076					
cg20035127	8	80,819,477	8.61E-05	-0.226	-0.246					
cg20314918	2	166,151,447	0.005082	-0.226	-0.164				<i>SCN2A</i>	5'UTR
cg09450260	7	155,193,250	0.00173	-0.226	-0.152					
cg21554588	5	138,720,378	0.001993	-0.226	-0.119				<i>SLC23A1</i>	TSS1500
cg00032643	1	3,700,680	0.003765	-0.226	-0.154				<i>LRRC47</i>	Body
cg17503259	17	32,966,081	0.000262	-0.226	-0.210				<i>TMEM132E</i>	3'UTR
cg00757453	X	17,986,297	2.08E-05	-0.226	-0.218					

cg10290988	11	1,673,766	0.035273	-0.226	-0.167				<i>HCCA2</i>	Body
cg17163527	1	3,447,348	1.73E-32	-0.226	-0.210				<i>MEGF6</i>	Body
cg00252594	14	102,974,737	7.77E-08	-0.226	-0.195				<i>ANKRD9</i>	5'UTR
cg02449336	7	143,805,356	1.08E-05	-0.226	-0.228				<i>OR2A2</i>	TSS1500
cg16784198	7	157,236,093	0.002298	-0.226	-0.147					
cg04850842	14	27,023,180	0.009747	-0.226	-0.109				<i>NOVA1</i>	Body
cg15766408	4	16,850,240	0.035392	-0.226	-0.186				<i>LDB2</i>	Body
cg23227851	3	42,633,273	1.83E-06	-0.226	-0.253				<i>SS18L2</i>	Body
cg05046083	7	111,425,428	0.000383	-0.226	-0.226				<i>DOCK4</i>	Body
cg10815253	2	116,925,524	0.002113	-0.226	-0.230			Yes		
cg02915215	8	134,467,165	3.07E-05	-0.226	-0.199				<i>ST3GAL1</i>	3'UTR
cg09412619	16	11,323,792	9.07E-05	-0.226	-0.249					
cg13978352	6	30,908,706	3.11E-05	-0.226	-0.154				<i>DPCR1</i>	TSS200
cg18099058	11	55,737,045	0.000242	-0.226	-0.236				<i>OR10AG1</i>	TSS1500
cg05859533	16	57,727,230	0.003034	-0.227	-0.223				<i>CCDC135</i>	TSS1500
cg11384084	12	132,045,365	0.027505	-0.227	-0.168					
cg18498565	10	3,173,604	0.007195	-0.227	-0.174				<i>PFKP</i>	Body
cg24351427	1	185,670,109	0.043348	-0.227	-0.126					
cg05385805	7	143,106,577	3.05E-05	-0.227	-0.196				<i>EPHA1</i>	TSS1500
cg20256009	1	153,363,020	8.64E-08	-0.227	-0.203				<i>S100A8</i>	5'UTR
cg03802982	16	65,089,255	0.000449	-0.227	-0.189				<i>CDH11</i>	5'UTR
cg15909393	2	364,075	0.026572	-0.227	-0.111					
cg18454510	6	40,363,184	0.000258	-0.227	-0.250				<i>LRFN2</i>	Body
cg24229750	11	5,531,283	0.025157	-0.227	-0.235				<i>UBQLN3</i>	TSS200
cg04508984	22	43,536,864	7.44E-05	-0.227	-0.211			Yes	<i>MCAT</i>	Body
cg09985615	4	58,291,304	0.005961	-0.227	-0.143					
cg16639860	4	20,885,019	5.28E-08	-0.227	-0.200				<i>KCNIP4</i>	Body
cg27092605	7	93,357,562	0.000259	-0.227	-0.224					
cg01079019	16	21,566,602	1.71E-08	-0.227	-0.171					
cg08084967	2	137,747,719	0.008419	-0.227	-0.185				<i>THSD7B</i>	TSS1500
cg01766699	2	196,602,679	7.91E-07	-0.227	-0.201				<i>DNAH7</i>	Body
cg23075139	3	115,524,031	0.0047	-0.227	-0.208				<i>LSAMP</i>	3'UTR
cg07874983	16	62,065,904	0.001218	-0.227	-0.154				<i>CDH8</i>	5'UTR
cg10666909	6	32,820,249	8.87E-07	-0.227	-0.249			Yes	<i>TAP1</i>	Body

cg15666275	19	57,274,897	0.031408	-0.227	-0.233					
cg22730864	1	3,161,448	6.92E-08	-0.227	-0.222				<i>PRDM16</i>	Body
cg03102729	X	120,181,504	0.006976	-0.227	-0.192				<i>GLUD2</i>	5'UTR
cg07774589	18	73,625,808	0.015301	-0.227	-0.129					
cg12848417	10	108,576,571	1.97E-07	-0.227	-0.216				<i>SORCS1</i>	Body
cg21143441	17	8,124,011	2.63E-10	-0.227	-0.228				<i>C17orf44</i>	Body
cg24562669	7	97,807,699	1.13E-06	-0.227	-0.235				<i>LMTK2</i>	Body
cg08070235	11	118,381,379	3.97E-07	-0.227	-0.205				<i>MLL</i>	Body
cg01882991	6	6,677,756	2.22E-11	-0.227	-0.186					
cg10627429	10	115,511,135	5.76E-07	-0.227	-0.251				<i>C10orf81</i>	TSS200
cg16821267	X	27,840,014	0.039027	-0.227	-0.166				<i>MAGEB10</i>	Body
cg00098750	16	23,727,847	0.007547	-0.227	-0.183					
cg27130075	13	110,935,325	0.029322	-0.227	-0.141				<i>COL4A1</i>	Body
cg01405985	19	36,345,675	1.52E-10	-0.227	-0.218					
cg15357118	2	128,927,972	1.02E-05	-0.227	-0.231				<i>UGGT1</i>	Body
cg10222734	10	52,612,019	0.004026	-0.227	-0.158				<i>A1CF</i>	5'UTR
cg13601993	9	127,534,760	4.15E-06	-0.227	-0.185				<i>NR6A1</i>	TSS1500
cg11410649	1	24,122,853	6.01E-05	-0.227	-0.201				<i>GALE</i>	Body
cg16987735	1	152,759,772	0.007366	-0.227	-0.227				<i>LCE1E</i>	5'UTR
cg24695977	1	171,640,387	5.75E-07	-0.227	-0.233					
cg27450167	2	135,272,843	3.38E-05	-0.227	-0.165				<i>TMEM163</i>	Body
cg06314702	11	104,501,066	0.005756	-0.227	-0.069					
cg14894216	11	65,794,352	0.001178	-0.227	-0.196				<i>CATSPER1</i>	TSS1500
cg14710459	10	15,906,284	4.35E-07	-0.227	-0.181					
cg03673470	1	238,055,429	6.21E-05	-0.227	-0.159	0.00035016	-0.068		<i>ZP4</i>	TSS1500
cg24881471	17	73,996,870	0.000179	-0.227	-0.132				<i>CDK3</i>	TSS200
cg25720825	1	2,849,682	5.72E-07	-0.227	-0.220					
cg20395040	13	23,310,225	0.046079	-0.227	-0.167					
cg10806586	14	45,366,116	2.97E-07	-0.227	-0.224				<i>C14orf28</i>	TSS1500
cg12297501	6	28,364,357	3.99E-07	-0.227	-0.270				<i>ZSCAN12</i>	Body
cg14240993	12	132,929,352	0.011388	-0.227	-0.104					
cg03078733	17	14,822,587	9.13E-06	-0.227	-0.201					
cg05763609	3	100,535,443	0.043099	-0.227	-0.120				<i>ABI3BP</i>	Body
cg14406134	9	117,014,922	3.74E-05	-0.227	-0.167				<i>COL27A1</i>	Body



cg02750034	15	84,320,596	9.87E-06	-0.227	-0.169					
cg04031344	10	130,829,645	6.16E-06	-0.227	-0.203					
cg25890048	11	55,703,443	0.021677	-0.227	-0.220	0.0000647	-0.117		<i>OR5I1</i>	1stExon
cg01021196	14	38,340,164	1.25E-05	-0.227	-0.227					
cg08342919	7	100,894,787	0.005626	-0.227	-0.212					
cg23240355	17	10,276,428	0.024294	-0.227	-0.117				<i>MYH13</i>	TSS200
cg26102295	7	1,423,622	0.036935	-0.227	-0.175					
cg09058554	1	9,600,721	8.87E-06	-0.227	-0.215				<i>SLC25A33</i>	Body
cg02486096	19	57,373,324	6.76E-09	-0.227	-0.223					
cg11384744	7	16,794,623	1.64E-07	-0.227	-0.236				<i>TSPAN13</i>	Body
cg17372758	10	73,976,798	0.000373	-0.227	-0.179				<i>ASCC1</i>	TSS1500
cg18899018	2	119,006,923	0.004638	-0.227	-0.222					
cg27232401	6	127,977,312	4.16E-05	-0.227	-0.219					
cg03399574	13	19,759,420	0.006031	-0.227	-0.141					
cg08704660	13	76,052,395	0.002307	-0.227	-0.214				<i>TBC1D4</i>	Body
cg08151470	1	10,092,299	2.27E-06	-0.227	-0.247	5.49E-10	-0.127		<i>UBE4B</i>	TSS1500
cg25649784	8	115,565,512	2.41E-05	-0.227	-0.248					
cg02674804	19	1,492,043	3.44E-05	-0.227	-0.256	1.87E-28	-0.231		<i>REEP6</i>	Body
cg16212298	19	51,051,954	2.27E-05	-0.227	-0.221				<i>LRRC4B</i>	Body
cg01565083	17	80,042,523	0.015521	-0.227	-0.092				<i>FASN</i>	Body
cg11574665	2	242,580,471	0.0067	-0.227	-0.125				<i>ATG4B</i>	Body
cg03696603	16	69,111,974	4.22E-06	-0.227	-0.248				<i>TMCO7</i>	Body
cg06741568	12	129,028,641	0.029642	-0.227	-0.130				<i>TMEM132C</i>	Body
cg24157349	22	47,081,751	9.7E-08	-0.227	-0.211				<i>CERK</i>	3'UTR
cg20097929	10	83,464,779	0.019054	-0.227	-0.121					
cg11643733	12	82,148,913	0.006855	-0.227	-0.136				<i>PPFIA2</i>	5'UTR
cg15552238	19	14,785,749	0.001792	-0.227	-0.201	6.13E-08	-0.106		<i>EMR3</i>	TSS200
cg23165226	6	31,511,287	3.99E-10	-0.227	-0.231				<i>BAT1</i>	TSS1500
cg24102479	1	149,259,342	0.002086	-0.227	-0.236					
cg04158612	16	1,157,349	0.048528	-0.227	-0.164					
cg18369680	20	41,984,014	0.039995	-0.227	-0.109					
cg24949632	4	47,032,678	0.002458	-0.227	-0.192				<i>GABRB1</i>	TSS1500
cg01560773	21	47,428,846	0.014922	-0.228	-0.143					
cg06596221	12	131,416,672	0.02599	-0.228	-0.096					

cg19241878	17	48,846,189	0.000144	-0.228	-0.184				<i>C17orf73</i>	TSS1500
cg05997059	7	116,411,780	2.79E-07	-0.228	-0.210				<i>MET</i>	Body
cg21537187	7	135,662,562	2.88E-07	-0.228	-0.198				<i>MTPN</i>	TSS1500
cg26014580	7	2,113,781	2.37E-07	-0.228	-0.221				<i>MAD1L1</i>	Body
cg17150898	12	1,702,116	1.22E-19	-0.228	-0.206				<i>FBXL14</i>	1stExon
cg07450292	3	76,419,070	0.01468	-0.228	-0.166					
cg00279755	11	103,584,918	0.017014	-0.228	-0.131					
cg13758913	18	24,283,684	1.78E-06	-0.228	-0.175				<i>LOC728606</i>	TSS200
cg06967998	11	132,527,438	0.049715	-0.228	-0.261				<i>OPCML</i>	Body
cg24082526	19	49,993,125	5.7E-17	-0.228	-0.224				<i>RPL13AP5</i>	Body
cg10626169	7	48,319,696	0.004213	-0.228	-0.128				<i>ABCA13</i>	Body
cg22349442	17	39,507,113	0.001363	-0.228	-0.160				<i>KRT33A</i>	TSS200
cg23090936	12	43,687,522	0.001252	-0.228	-0.180					
cg26516680	1	118,540,478	2.99E-07	-0.228	-0.224				<i>SPAG17</i>	Body
cg03764965	2	117,971,251	0.003631	-0.228	-0.256					
cg21571135	4	88,038,713	1.58E-06	-0.228	-0.234				<i>AFF1</i>	Body
cg24878051	1	3,305,115	0.000117	-0.228	-0.176				<i>PRDM16</i>	Body
cg03623568	16	6,915,990	0.016251	-0.228	-0.161				<i>A2BP1</i>	5'UTR
cg02075221	19	51,376,639	1.38E-11	-0.228	-0.218				<i>KLK2</i>	TSS200
cg26874764	7	63,667,212	0.001559	-0.228	-0.198				<i>ZNF735</i>	TSS1500
cg11345210	13	60,052,169	0.006894	-0.228	-0.162					
cg13860360	13	33,846,010	0.000814	-0.228	-0.268				<i>STARD13</i>	Body
cg01244043	20	1,448,437	0.000334	-0.228	-0.240				<i>NSFL1C</i>	TSS200
cg12819873	11	57,157,632	0.001882	-0.228	-0.250				<i>PRG2</i>	5'UTR
cg03513858	6	54,763,001	0.013054	-0.228	-0.183				<i>FAM83B</i>	Body
cg13932473	1	1,282,742	0.000191	-0.228	-0.172				<i>DVL1</i>	Body
cg17897699	8	137,806,993	0.004092	-0.228	-0.123					
cg01232206	16	33,044,270	0.001101	-0.228	-0.191					
cg03820608	11	131,547,319	0.022408	-0.228	-0.195				<i>NTM</i>	Body
cg08089153	11	1,956,292	1.3E-06	-0.228	-0.176				<i>TNNT3</i>	Body
cg12101256	1	196,547,408	0.002497	-0.228	-0.151				<i>KCNT2</i>	Body
cg03114584	4	1,534,311	0.003819	-0.228	-0.137					
cg11849327	10	76,682,695	0.008974	-0.228	-0.164				<i>MYST4</i>	Body
cg23648516	13	78,467,552	0.000101	-0.228	-0.248					

cg21592463	5	85,756,447	0.00488	-0.228	-0.140					
cg09467433	3	171,283,606	0.000351	-0.228	-0.271					
cg03842933	4	155,244,316	0.007744	-0.228	-0.151				<i>DCHS2</i>	Body
cg16931076	12	1,702,001	5.12E-30	-0.228	-0.205				<i>FBXL14</i>	Body
cg10076902	11	1,858,135	6.61E-08	-0.228	-0.230				<i>SYT8</i>	Body
cg11746464	2	137,748,833	5.36E-05	-0.228	-0.207				<i>THSD7B</i>	Body
cg15035476	19	46,457,107	0.018044	-0.228	-0.127				<i>NOVA2</i>	Body
cg04209766	5	114,512,608	1.82E-06	-0.228	-0.207				<i>TRIM36</i>	Body
cg16327839	11	133,715,264	0.019381	-0.228	-0.189				<i>SPATA19</i>	1stExon
cg20340146	6	160,172,821	4.5E-07	-0.228	-0.212				<i>WTAP</i>	Body
cg01080424	7	6,520,004	0.001123	-0.228	-0.190				<i>KDELR2</i>	Body
cg14931669	6	66,497,586	0.025743	-0.228	-0.204				<i>MCART3P</i>	TSS200
cg21156912	17	80,847,546	8.43E-05	-0.228	-0.220				<i>TBCD</i>	Body
cg04490596	8	32,452,181	0.002914	-0.228	-0.137				<i>NRG1</i>	Body
cg10143323	11	127,332,027	0.03029	-0.228	-0.231					
cg20255560	8	36,347,870	0.000368	-0.228	-0.190					
cg20910408	7	44,801,589	0.002171	-0.228	-0.181				<i>ZMIZ2</i>	Body
cg02493544	11	125,361,336	6.41E-05	-0.228	-0.217				<i>FEZ1</i>	5'UTR
cg17378966	5	172,196,746	7.71E-06	-0.228	-0.223				<i>DUSP1</i>	Body
cg21156756	14	32,866,773	1.36E-05	-0.228	-0.216				<i>AKAP6</i>	5'UTR
cg20845494	13	55,576,092	0.009599	-0.228	-0.213					
cg04926380	11	44,213,376	0.000327	-0.228	-0.300				<i>EXT2</i>	Body
cg02892650	16	67,380,234	5.15E-08	-0.228	-0.205				<i>LRR36</i>	Body
cg09326204	3	121,953,249	2.02E-05	-0.228	-0.212				<i>CASR</i>	5'UTR
cg27046117	1	5,125,428	0.012896	-0.228	-0.098					
cg26930408	10	50,340,100	0.048527	-0.228	-0.186				<i>FAM170B</i>	Body
cg02967056	3	111,853,315	3.31E-06	-0.228	-0.239				<i>GCET2</i>	TSS1500
cg01951086	4	111,551,642	0.001509	-0.228	-0.269				<i>PITX2</i>	Body
cg03542322	20	21,227,215	0.000187	-0.228	-0.181				<i>PLK1S1</i>	3'UTR
cg09199250	11	2,191,147	8.3E-14	-0.228	-0.218				<i>TH</i>	Body
cg14887116	11	124,293,907	0.027913	-0.228	-0.233				<i>OR8B4</i>	1stExon
cg00143527	15	81,292,171	8.38E-12	-0.228	-0.231				<i>MESDC1</i>	TSS1500
cg24524694	10	52,829,575	0.002962	-0.228	-0.186				<i>PRKG1</i>	Body
cg05778080	17	21,832,243	0.000574	-0.228	-0.189					

cg05527267	17	1,472,819	9.31E-06	-0.228	-0.184					
cg23845250	12	132,944,590	6.24E-07	-0.228	-0.190					
cg24161057	1	161,008,811	4.92E-13	-0.228	-0.234				<i>TSTD1</i>	TSS200
cg02420480	7	41,919,892	0.044685	-0.228	-0.167					
cg25428846	4	141,107,931	3.37E-05	-0.228	-0.184					
cg17519477	10	83,848,597	0.001214	-0.229	-0.170				<i>NRG3</i>	Body
cg06711333	1	2,750,406	0.000597	-0.229	-0.214					
cg14795163	1	74,620,779	0.000504	-0.229	-0.155				<i>LRRIQ3</i>	Body
cg04824189	7	80,142,634	4.62E-07	-0.229	-0.235				<i>GNAT3</i>	TSS1500
cg02487712	10	134,733,396	0.008217	-0.229	-0.094					
cg06324909	16	33,574,151	0.000567	-0.229	-0.211					
cg06755296	15	98,199,925	0.000374	-0.229	-0.197					
cg25351550	12	118,227,792	1.05E-06	-0.229	-0.194				<i>KSR2</i>	Body
cg06120359	8	127,105,723	0.021594	-0.229	-0.221					
cg19582128	13	39,265,218	0.008274	-0.229	-0.217				<i>FREM2</i>	1stExon
cg06842181	11	2,066,779	0.000738	-0.229	-0.205					
cg09192940	16	318,694	0.001395	-0.229	-0.231				<i>RGS11</i>	3'UTR
cg08678000	8	89,047,821	0.000384	-0.229	-0.211					
cg14656774	8	71,182,802	3.3E-05	-0.229	-0.193				<i>NCOA2</i>	5'UTR
cg16619721	3	160,942,782	0.000112	-0.229	-0.235				<i>NMD3</i>	Body
cg20987429	8	91,553,142	0.028184	-0.229	-0.169					
cg06152845	7	1,216,568	0.005391	-0.229	-0.206					
cg10665263	5	107,883,502	0.006842	-0.229	-0.249					
cg10891959	13	81,432,486	0.015063	-0.229	-0.123					
cg26259818	1	181,632,621	0.039598	-0.229	-0.282				<i>CACNA1E</i>	Body
cg10143823	14	28,192,481	0.014204	-0.229	-0.127					
cg04291014	11	131,506,437	0.048056	-0.229	-0.127				<i>NTM</i>	Body
cg06995828	2	84,160,861	0.004007	-0.229	-0.230					
cg19178742	6	30,070,099	2.11E-07	-0.229	-0.233					
cg06084534	1	158,725,300	0.029934	-0.229	-0.208				<i>OR6K6</i>	1stExon
cg26817755	6	19,812,885	2.9E-08	-0.229	-0.211					
cg14961476	1	9,130,738	5.97E-06	-0.229	-0.211				<i>SLC2A5</i>	TSS1500
cg06580966	16	7,684,063	5.91E-08	-0.229	-0.229				<i>A2BP1</i>	Body
cg19052042	10	44,321,465	0.048212	-0.229	-0.138					

cg01620540	13	47,472,064	0.023467	-0.229	-0.191				<i>HTR2A</i>	TSS1500
cg24151308	X	52,826,694	0.015233	-0.229	-0.186				<i>SPANXN5</i>	TSS1500
cg18110578	10	50,533,993	0.046994	-0.229	-0.089				<i>C10orf71</i>	Body
cg22520372	4	164,271,492	0.010255	-0.229	-0.151				<i>NPY5R</i>	Body
cg26008650	1	203,708,794	0.031359	-0.229	-0.117				<i>ATP2B4</i>	3'UTR
cg19681610	1	162,148,501	1.59E-11	-0.229	-0.237				<i>NOS1AP</i>	Body
cg24949579	11	6,024,966	0.023363	-0.229	-0.168				<i>OR56A4</i>	TSS1500
cg24682512	7	86,277,679	0.003381	-0.229	-0.245				<i>GRM3</i>	5'UTR
cg04552811	3	149,708,132	6.64E-05	-0.229	-0.192					
cg23858537	15	72,039,838	1.31E-05	-0.229	-0.222				<i>THSD4</i>	Body
cg24166018	10	128,021,421	0.004135	-0.229	-0.236				<i>ADAM12</i>	Body
cg23172080	5	172,168,177	2.88E-08	-0.229	-0.201					
cg15209053	10	87,426,906	0.006525	-0.229	-0.216				<i>GRID1</i>	Body
cg16105569	12	27,627,468	0.01033	-0.229	-0.152				<i>C12orf70</i>	Body
cg02379784	5	471,326	3.67E-05	-0.229	-0.222				<i>LOC25845</i>	Body
cg14080521	11	27,761,859	0.036323	-0.229	-0.119					
cg15623687	7	112,001,736	2.66E-05	-0.229	-0.192					
cg16989719	2	238,392,110	1.07E-06	-0.229	-0.176					
cg19858323	X	151,283,154	0.000637	-0.229	-0.159				<i>MAGEA5</i>	3'UTR
cg20119532	20	749,581	1.12E-13	-0.229	-0.207				<i>C20orf54</i>	TSS1500
cg26578726	14	56,289,611	1.27E-05	-0.229	-0.173					
cg03532253	12	56,399,235	9.61E-05	-0.229	-0.149				<i>SUOX</i>	3'UTR
cg26782825	8	110,989,116	0.002705	-0.229	-0.232					
cg04519327	15	41,149,780	1.05E-05	-0.229	-0.237				<i>SPINT1</i>	3'UTR
cg25350065	8	145,978,427	3.67E-08	-0.229	-0.260				<i>ZNF251</i>	Body
cg10447095	16	60,678,710	0.0003	-0.229	-0.199					
cg24561305	13	29,149,132	3.61E-05	-0.229	-0.198					
cg03020635	14	82,526,476	0.000745	-0.229	-0.250					
cg22457769	8	144,822,917	1.34E-06	-0.229	-0.247					
cg23619890	1	5,896,050	0.030176	-0.229	-0.074					
cg17145652	8	42,750,650	1.34E-09	-0.229	-0.203				<i>RNF170</i>	5'UTR
cg25982965	6	44,253,910	0.016969	-0.229	-0.135				<i>TCTE1</i>	Body
cg03587117	11	100,227,279	0.001197	-0.229	-0.165				<i>CNTN5</i>	3'UTR
cg10285618	2	47,604,745	2.86E-10	-0.229	-0.223				<i>MIR559</i>	TSS200

cg24977541	3	170,305,197	0.001112	-0.229	-0.214				<i>SLC7A14</i>	TSS1500
cg13696545	3	55,784,854	7.58E-07	-0.229	-0.224				<i>ERC2</i>	Body
cg03541437	1	210,485,267	0.01179	-0.229	-0.148					
cg02925904	16	32,165,196	0.004667	-0.229	-0.135				<i>HERC2P4</i>	TSS1500
cg04944300	1	17,022,524	0.001	-0.229	-0.186				<i>ESPNP</i>	Body
cg13451937	17	67,710,309	3.5E-06	-0.229	-0.223					
cg24395386	1	3,328,593	0.012424	-0.229	-0.203				<i>PRDM16</i>	Body
cg07788537	1	2,799,876	0.001274	-0.229	-0.161					
cg09228949	10	50,340,173	0.003382	-0.229	-0.145				<i>FAM170B</i>	Body
cg22272888	8	27,850,772	1.18E-05	-0.229	-0.160				<i>SCARA5</i>	TSS1500
cg26155152	19	2,943,999	6.66E-06	-0.229	-0.253				<i>ZNF77</i>	Body
cg05064936	17	45,764,416	2.88E-05	-0.229	-0.157					
cg15246805	6	133,584,189	4.74E-05	-0.229	-0.213				<i>EYA4</i>	5'UTR
cg06079495	10	119,599,940	0.017439	-0.229	-0.149					
cg08667569	5	147,240,402	6.65E-08	-0.229	-0.203					
cg03251918	4	156,298,325	0.000315	-0.229	-0.238				<i>MAP9</i>	TSS1500
cg13905199	9	103,789,186	1.14E-05	-0.229	-0.221					
cg01717047	7	62,765,320	0.006456	-0.229	-0.123				<i>LOC643955</i>	TSS1500
cg06300107	X	63,616,425	5.01E-06	-0.229	-0.200				<i>MTMR8</i>	TSS1500
cg07424912	16	58,718,915	3.42E-06	-0.229	-0.218				<i>SLC38A7</i>	TSS1500
cg03661929	3	116,503,715	0.005278	-0.229	-0.199					
cg09208942	14	52,794,647	4.54E-10	-0.229	-0.258				<i>PTGER2</i>	3'UTR
cg20258486	7	158,800,888	7.46E-05	-0.229	-0.193				<i>LOC154822</i>	TSS200
cg22619910	1	55,096,622	0.000671	-0.229	-0.160				<i>ACOT11</i>	Body
cg02945019	1	160,550,488	1.57E-06	-0.229	-0.193	2.19E-07	-0.139		<i>CD84</i>	TSS1500
cg04167811	8	65,152,945	0.036252	-0.229	-0.144					
cg05215304	2	101,402,664	3.81E-11	-0.229	-0.224					
cg04745064	6	29,416,095	0.031504	-0.229	-0.184					
cg25112284	1	31,246,011	0.001413	-0.229	-0.196					
cg12261055	7	41,860,801	0.007237	-0.229	-0.157					
cg15158924	4	21,710,948	2.49E-06	-0.229	-0.198				<i>KCNIP4</i>	5'UTR
cg02854396	12	72,696,687	0.000766	-0.229	-0.170				<i>TRHDE</i>	Body
cg11333681	1	149,232,963	0.00387	-0.229	-0.150					
cg26663590	16	28,959,310	2.29E-09	-0.229	-0.240					

cg05303690	8	32,284,962	0.000178	-0.229	-0.138				<i>NRG1</i>	Body
cg03640051	4	42,657,689	3.42E-10	-0.229	-0.238				<i>ATP8A1</i>	Body
cg04297995	19	52,023,213	0.000441	-0.229	-0.199				<i>SIGLEC6</i>	3'UTR
cg05762612	18	76,260,568	0.010603	-0.229	-0.123					
cg08199529	11	104,894,514	0.003514	-0.229	-0.127				<i>CASP5</i>	TSS1500
cg01174441	18	52,262,555	3.16E-05	-0.230	-0.209				<i>C18orf26</i>	Body
cg02186027	4	189,580,798	3.42E-05	-0.230	-0.227					
cg06501157	2	52,856,495	0.036889	-0.230	-0.080					
cg17001753	6	44,254,089	0.026776	-0.230	-0.137				<i>TCTE1</i>	Body
cg03324851	7	100,274,414	2.45E-12	-0.230	-0.201				<i>GNB2</i>	Body
cg06372145	20	29,979,846	0.012407	-0.230	-0.177				<i>DEFB119</i>	TSS1500
cg15071463	1	116,854,912	5.83E-06	-0.230	-0.234					
cg18391442	2	56,318,614	0.015957	-0.230	-0.120					
cg05825085	16	86,379,872	0.000658	-0.230	-0.207				<i>LOC732275</i>	TSS1500
cg21823425	11	123,757,331	0.000379	-0.230	-0.224				<i>TMEM225</i>	TSS1500
cg16447311	6	1,604,134	2.07E-07	-0.230	-0.220					
cg19448144	6	32,169,707	0.001997	-0.230	-0.105				<i>NOTCH4</i>	Body
cg02283042	16	83,200,382	1.88E-06	-0.230	-0.208				<i>CDH13</i>	Body
cg19840494	14	89,606,221	0.006312	-0.230	-0.286					
cg22135279	11	124,055,251	0.006451	-0.230	-0.204					
cg14353278	2	21,229,231	0.041878	-0.230	-0.154				<i>APOB</i>	Body
cg15247483	3	111,853,297	0.001317	-0.230	-0.187				<i>GCET2</i>	TSS1500
cg21825792	12	5,015,078	0.02902	-0.230	-0.144					
cg17291924	X	140,756,646	0.003051	-0.230	-0.203					
cg00851261	19	1,526,651	0.005074	-0.230	-0.109		Yes		<i>PLK5P</i>	Body
cg04060317	12	5,603,248	0.00079	-0.230	-0.177				<i>NTF3</i>	TSS200
cg21328389	8	109,145,172	0.021181	-0.230	-0.258					
cg23575349	11	88,800,388	0.005741	-0.230	-0.143					
cg26119806	2	18,061,572	4.55E-10	-0.230	-0.243				<i>KCNS3</i>	5'UTR
cg24928023	21	45,395,775	0.00229	-0.230	-0.143				<i>AGPAT3</i>	Body
cg08508335	13	19,692,412	0.000846	-0.230	-0.161				<i>DKFZp686A1627</i>	Body
cg04388863	16	48,269,349	0.000203	-0.230	-0.194				<i>ABCC11</i>	TSS1500
cg14948379	2	105,657,348	0.000192	-0.230	-0.233				<i>MRPS9</i>	Body
cg18446069	13	111,644,279	0.016793	-0.230	-0.115					

cg11341142	12	72,152,267	7.82E-08	-0.230	-0.214				<i>RAB21</i>	Body
cg16792071	10	134,842,795	0.0026	-0.230	-0.182					
cg02133070	4	104,637,628	2.2E-05	-0.230	-0.154				<i>TACR3</i>	Body
cg08400475	1	158,390,842	0.034874	-0.230	-0.162				<i>OR10K2</i>	TSS200
cg21643939	3	172,467,326	4.37E-06	-0.230	-0.211					
cg06902828	8	92,647,788	0.001078	-0.230	-0.190					
cg15659974	X	115,567,527	1.74E-07	-0.230	-0.250			Yes	<i>SLC6A14</i>	TSS1500
cg19263469	7	63,655,394	4.11E-11	-0.230	-0.204					
cg21802682	11	69,682,593	2.46E-05	-0.230	-0.257					
cg00382930	16	87,100,229	0.009016	-0.230	-0.092					
cg00436435	6	30,119,889	2.9E-07	-0.230	-0.197				<i>TRIM10</i>	3'UTR
cg03762767	X	27,884,673	0.025558	-0.230	-0.117					
cg22026150	8	50,653,870	0.012886	-0.230	-0.148					
cg01699693	11	124,181,447	0.019723	-0.230	-0.220				<i>OR8D1</i>	TSS1500
cg02292206	7	149,569,715	0.001022	-0.230	-0.205				<i>ATP6V0E2</i>	TSS1500
cg19459470	11	131,199,383	0.000292	-0.230	-0.210					
cg24868292	1	84,876,625	3.19E-07	-0.230	-0.228				<i>DNASE2B</i>	5'UTR
cg02642585	21	32,202,284	0.014912	-0.230	-0.162				<i>KRTAP7-1</i>	TSS1500
cg03895540	11	5,841,482	6.74E-05	-0.230	-0.189				<i>OR52N2</i>	TSS200
cg14386870	16	2,013,110	2.84E-11	-0.230	-0.251				<i>SNORA10</i>	TSS1500
cg06837325	5	97,445,281	0.002366	-0.230	-0.225					
cg08272996	16	64,128,218	0.002893	-0.230	-0.206					
cg10767420	2	2,581,557	0.000814	-0.230	-0.244					
cg06514727	1	198,711,467	0.041399	-0.230	-0.113				<i>PTPRC</i>	Body
cg00629688	11	105,479,843	1.39E-05	-0.230	-0.189				<i>GRIA4</i>	TSS1500
cg11976616	5	41,213,172	0.003426	-0.230	-0.141	8.04E-09	-0.126		<i>C6</i>	5'UTR
cg25711239	17	73,996,656	3.27E-05	-0.230	-0.160				<i>CDK3</i>	TSS1500
cg07851738	8	131,896,788	1.08E-06	-0.230	-0.242				<i>ADCY8</i>	Body
cg09979311	16	1,730,579	0.012537	-0.230	-0.273				<i>HN1L</i>	Body
cg14284187	9	116,355,097	1.85E-08	-0.230	-0.227				<i>RGS3</i>	Body
cg16802855	16	86,371,130	0.035522	-0.230	-0.161				<i>LOC732275</i>	Body
cg06194602	17	61,997,056	0.005556	-0.230	-0.143				<i>GH1</i>	TSS1500
cg19480470	2	559,042	2.09E-08	-0.230	-0.229					
cg19951409	18	74,175,071	0.031742	-0.230	-0.183				<i>ZNF516</i>	TSS200



cg22543892	7	85,157,964	0.00214	-0.230	-0.177					
cg03287339	16	711,135	6E-16	-0.230	-0.227				<i>WDR90</i>	Body
cg06789677	10	108,525,625	0.016687	-0.230	-0.166				<i>SORCS1</i>	Body
cg13700912	7	1,968,348	1.9E-07	-0.230	-0.236				<i>MAD1L1</i>	Body
cg24080902	18	73,631,749	0.013311	-0.230	-0.172					
cg06217320	11	132,112,645	0.018706	-0.230	-0.159				<i>NTM</i>	Body
cg23120936	6	44,251,344	0.004111	-0.230	-0.173				<i>TCTE1</i>	Body
cg23634451	3	100,713,646	0.021539	-0.230	-0.149				<i>ABI3BP</i>	TSS1500
cg14445205	8	72,565,468	0.020333	-0.230	-0.167					
cg25312122	1	160,184,732	1.24E-06	-0.230	-0.230				<i>PEA15</i>	3'UTR
cg14318001	14	70,236,385	0.005774	-0.230	-0.195				<i>SFRS5</i>	Body
cg17596359	13	114,844,124	3.67E-09	-0.230	-0.214				<i>RASA3</i>	Body
cg01883966	6	31,938,886	1.31E-06	-0.230	-0.217	2.26E-24	-0.192		<i>STK19</i>	TSS200
cg00988175	11	59,481,031	0.014311	-0.230	-0.201				<i>OR10V1</i>	1stExon
cg12576411	13	22,694,106	0.019161	-0.230	-0.252					
cg17979595	5	175,995,850	0.030351	-0.230	-0.101				<i>PCDH24</i>	Body
cg06702891	12	132,872,081	0.009046	-0.230	-0.106				<i>GALNT9</i>	Body
cg03641797	7	5,396,436	0.026095	-0.230	-0.261				<i>TNRC18</i>	Body
cg03722396	4	111,537,907	0.047889	-0.230	-0.129					
cg08242576	1	153,177,188	0.006751	-0.230	-0.165				<i>LELP1</i>	Body
cg02576228	16	7,702,102	0.017466	-0.231	-0.123				<i>A2BP1</i>	Body
cg04846348	6	25,024,044	0.003168	-0.231	-0.203					
cg26757472	16	86,387,131	0.022194	-0.231	-0.145					
cg02197192	8	64,968,883	0.010247	-0.231	-0.172					
cg02708121	4	16,670,376	0.016757	-0.231	-0.098				<i>LDB2</i>	Body
cg14171986	11	4,629,749	0.000182	-0.231	-0.236				<i>TRIM68</i>	TSS1500
cg07837520	16	19,871,730	1.96E-05	-0.231	-0.250				<i>GPRC5B</i>	3'UTR
cg00781378	3	173,999,704	9.02E-14	-0.231	-0.241				<i>NLGN1</i>	3'UTR
cg09233156	15	96,531,769	2.39E-05	-0.231	-0.250					
cg11583211	1	152,769,246	0.000353	-0.231	-0.199				<i>LCE1D</i>	5'UTR
cg13753460	14	101,520,989	0.000825	-0.231	-0.247				<i>MIR134</i>	TSS200
cg15079124	7	142,829,213	0.001995	-0.231	-0.152				<i>PIP</i>	1stExon
cg05868547	2	115,425,220	0.001803	-0.231	-0.243				<i>DPP10</i>	Body
cg01002636	21	15,588,120	0.001275	-0.231	-0.139				<i>RBM11</i>	TSS1500

cg19765196	3	105,299,405	2.66E-08	-0.231	-0.212					
cg27258486	12	130,420,637	0.012227	-0.231	-0.160					
cg21792737	6	155,776,999	1.01E-11	-0.231	-0.217	0.01216615	-0.054		<i>NOX3</i>	1stExon
cg18324583	5	142,975,083	2.48E-11	-0.231	-0.235					
cg24377285	19	38,943,724	2.48E-05	-0.231	-0.152				<i>RYR1</i>	Body
cg12386752	1	143,907,550	1.36E-11	-0.231	-0.226				<i>FAM72D</i>	Body
cg04214938	2	119,496,171	0.014731	-0.231	-0.124					
cg12373951	3	133,503,437	0.000384	-0.231	-0.238					
cg10680621	5	139,069,449	7.94E-13	-0.231	-0.215					
cg27073431	2	47,404,636	4.81E-09	-0.231	-0.207				<i>CALM2</i>	TSS1500
cg03718411	5	31,280,802	0.001962	-0.231	-0.250				<i>CDH6</i>	Body
cg09437783	2	88,747,976	0.003579	-0.231	-0.155				<i>FOXI3</i>	Body
cg14884160	7	89,840,396	3.45E-24	-0.231	-0.216				<i>STEAP2</i>	TSS1500
cg11731805	19	35,637,957	0.000479	-0.231	-0.166				<i>FXYP7</i>	Body
cg00163541	1	238,811,442	8.36E-05	-0.231	-0.215					
cg25946540	20	30,028,418	0.024046	-0.231	-0.181				<i>DEFB123</i>	1stExon
cg00543684	13	113,652,980	0.004804	-0.231	-0.182				<i>MCF2L</i>	Body
cg27220660	16	29,820,429	3.07E-17	-0.231	-0.225				<i>MAZ</i>	Body
cg06582250	11	133,445,802	0.003614	-0.231	-0.153					
cg19866594	8	73,848,457	0.010936	-0.231	-0.185				<i>KCNB2</i>	Body
cg21462633	2	239,437,806	0.003616	-0.231	-0.283					
cg09329930	2	223,135,786	4.7E-07	-0.231	-0.249				<i>PAX3</i>	Body
cg12727680	3	75,959,386	0.014835	-0.231	-0.179					
cg11966284	1	2,774,346	8.65E-05	-0.231	-0.192			Yes		
cg14319135	7	63,667,452	0.006425	-0.231	-0.167				<i>ZNF735</i>	TSS200
cg20844619	4	152,875,860	0.001992	-0.231	-0.157					
cg02840936	1	20,492,386	0.014062	-0.231	-0.331				<i>PLA2G2C</i>	Body
cg01456609	16	25,700,781	9.11E-13	-0.231	-0.224					
cg06833778	1	241,464,644	0.001317	-0.231	-0.235				<i>RGS7</i>	Body
cg17129188	8	134,307,597	3.43E-06	-0.231	-0.233				<i>NDRG1</i>	5'UTR
cg03328485	16	62,267,020	0.008653	-0.231	-0.127					
cg21367256	20	62,795,658	0.024885	-0.231	-0.195				<i>MYT1</i>	TSS200
cg22914987	12	4,054,555	0.018461	-0.231	-0.144					
cg16642695	8	67,343,633	8.73E-09	-0.231	-0.225				<i>ADHFE1</i>	TSS1500

cg25502462	X	48,620,142	0.001021	-0.231	-0.271				<i>GLOD5</i>	TSS200
cg01092932	1	198,828,060	0.047491	-0.231	-0.106				<i>MIR181B1</i>	Body
cg02167456	X	147,800,736	0.007936	-0.231	-0.218				<i>AFF2</i>	Body
cg24382712	10	119,802,739	1.02E-05	-0.231	-0.197				<i>RAB11FIP2</i>	Body
cg10422455	11	19,083,542	0.00183	-0.231	-0.158				<i>MRGPRX2</i>	TSS1500
cg21098892	19	534,887	2.86E-05	-0.231	-0.136				<i>CDC34</i>	Body
cg19576556	17	80,024,177	3.9E-05	-0.231	-0.200				<i>DUS1L</i>	TSS1500
cg05142677	16	88,601,446	6.78E-09	-0.231	-0.198				<i>ZFPM1</i>	3'UTR
cg19864808	6	31,938,773	3.93E-10	-0.231	-0.233				<i>STK19</i>	TSS200
cg10021288	2	128,175,891	0.000551	-0.231	-0.186				<i>PROC</i>	TSS200
cg21803927	8	14,412,919	4.5E-06	-0.231	-0.230				<i>SGCZ</i>	Body
cg23496571	20	30,644,728	4.28E-05	-0.231	-0.187				<i>HCK</i>	Body
cg00007076	8	67,342,600	2.64E-15	-0.231	-0.224				<i>RRS1</i>	1stExon
cg02703563	10	91,852,861	7.13E-05	-0.231	-0.280					
cg21688152	17	80,926,101	0.006154	-0.231	-0.276				<i>B3GNTL1</i>	Body
cg00345366	11	18,128,177	2.88E-08	-0.231	-0.194				<i>SAAL1</i>	TSS1500
cg02215357	13	53,191,046	0.000108	-0.231	-0.227				<i>HNRNPA1L2</i>	TSS1500
cg15403616	14	105,658,685	0.00444	-0.231	-0.126					
cg11838237	5	1,752,864	0.009648	-0.231	-0.130					
cg18247124	11	122,943,141	6.06E-06	-0.231	-0.228				<i>ASAM</i>	3'UTR
cg22602592	20	61,956,679	0.000985	-0.231	-0.136				<i>COL20A1</i>	Body
cg11937849	3	76,292,114	0.0307	-0.231	-0.100					
cg25237113	2	80,551,812	0.000347	-0.231	-0.285				<i>CTNNA2</i>	Body
cg05999628	17	32,612,684	7.34E-07	-0.231	-0.227				<i>CCL11</i>	TSS200
cg16204066	6	33,638,922	0.0193	-0.231	-0.136				<i>ITPR3</i>	Body
cg24009250	14	98,017,621	0.000594	-0.231	-0.181					
cg06560282	11	103,830,847	0.000561	-0.231	-0.149				<i>PDGFD</i>	Body
cg14567374	9	140,084,348	1.42E-10	-0.231	-0.218				<i>ANAPC2</i>	TSS1500
cg14943002	11	47,256,035	6.64E-10	-0.231	-0.213				<i>DDB2</i>	Body
cg00432659	18	11,151,283	0.003251	-0.231	-0.164					
cg09165554	16	33,935,224	0.003965	-0.231	-0.186					
cg12377641	10	11,868,179	0.040293	-0.231	-0.131				<i>C10orf47</i>	5'UTR
cg13917968	5	151,504,425	0.019968	-0.231	-0.250					
cg00921682	19	42,081,255	0.000482	-0.231	-0.188				<i>CEACAM21</i>	TSS1500

cg04811706	16	55,686,715	0.028238	-0.231	-0.082					
cg26017484	1	3,322,309	0.00069	-0.231	-0.220				<i>PRDM16</i>	Body
cg14500932	9	126,534,337	3.97E-08	-0.231	-0.190				<i>DENND1A</i>	Body
cg17679980	11	22,696,306	2.07E-08	-0.231	-0.236				<i>GAS2</i>	5'UTR
cg14788655	11	40,224,146	0.029425	-0.231	-0.202				<i>LRR4C</i>	5'UTR
cg25331127	10	133,608,464	0.011629	-0.231	-0.152					
cg24669741	1	186,265,423	4.92E-06	-0.231	-0.221				<i>PRG4</i>	1stExon
cg12156167	8	133,760,274	0.032005	-0.231	-0.168				<i>TMEM71</i>	Body
cg24556382	4	174,173,455	0.001577	-0.231	-0.204				<i>GALNT7</i>	Body
cg02546833	15	53,372,675	0.006583	-0.231	-0.149					
cg20901032	13	37,680,691	7.2E-05	-0.231	-0.207				<i>CSNK1A1L</i>	TSS1500
cg17576736	13	112,908,450	0.005711	-0.231	-0.154					
cg23462788	3	38,941,491	0.012136	-0.231	-0.181				<i>SCN11A</i>	Body
cg14286486	10	105,125,108	1.03E-05	-0.231	-0.240					
cg03581262	2	106,192,732	1.77E-17	-0.231	-0.212					
cg14006798	20	30,222,136	0.000409	-0.231	-0.105					
cg07891457	11	67,442,075	1.76E-06	-0.231	-0.223				<i>ALDH3B2</i>	1stExon
cg03037761	11	86,663,341	4.1E-10	-0.231	-0.179				<i>FZD4</i>	Body
cg07236204	1	199,372,786	0.004304	-0.231	-0.230					
cg09513758	1	110,526,368	1.8E-08	-0.231	-0.204				<i>AHCYL1</i>	TSS1500
cg15499275	1	9,780,620	2.67E-05	-0.231	-0.173				<i>PIK3CD</i>	Body
cg00334056	6	33,755,658	3.66E-09	-0.232	-0.225				<i>LEMD2</i>	Body
cg15484808	6	33,242,542	1.78E-10	-0.232	-0.236				<i>RPS18</i>	Body
cg02583247	12	4,555,311	0.018427	-0.232	-0.111				<i>FGF6</i>	TSS1500
cg17186132	15	90,703,444	2.49E-09	-0.232	-0.238					
cg01571916	11	44,881,716	0.000403	-0.232	-0.159				<i>TSPAN18</i>	5'UTR
cg12930930	11	5,372,503	0.008944	-0.232	-0.236				<i>OR51B6</i>	TSS1500
cg20562823	4	63,872,386	0.000509	-0.232	-0.195					
cg17976205	20	61,002,857	1.27E-06	-0.232	-0.241				<i>C20orf151</i>	TSS1500
cg02630628	19	50,116,703	4.14E-07	-0.232	-0.202				<i>PRR12</i>	Body
cg22377480	3	35,934,217	0.004299	-0.232	-0.152					
cg22792177	1	1,912,606	0.017019	-0.232	-0.150				<i>KIAA1751</i>	Body
cg05936516	5	114,507,066	1.49E-10	-0.232	-0.245				<i>TRIM36</i>	Body
cg05149258	5	13,944,584	1.16E-05	-0.232	-0.235				<i>DNAH5</i>	1stExon

cg11026867	12	6,473,643	4.3E-05	-0.232	-0.247				<i>SCNN1A</i>	Body
cg06612122	16	59,788,951	0.018474	-0.232	-0.197				<i>LOC644649</i>	Body
cg12629586	10	50,122,337	0.04818	-0.232	-0.120				<i>WDFY4</i>	Body
cg06867285	7	79,642,961	0.00609	-0.232	-0.208					
cg07875692	12	64,173,139	2.11E-10	-0.232	-0.207				<i>TMEM5</i>	TSS1500
cg04232098	3	112,607,776	0.020121	-0.232	-0.149					
cg16900102	7	98,283,412	0.011912	-0.232	-0.183					
cg04969878	12	72,079,240	1.84E-08	-0.232	-0.225	5.41E-10	-0.092		<i>TMEM19</i>	TSS1500
cg14993663	8	63,055,928	0.044861	-0.232	-0.188					
cg22356268	19	58,693,616	7.22E-05	-0.232	-0.228				<i>ZNF274</i>	TSS1500
cg06706813	3	194,826,411	0.010549	-0.232	-0.258				<i>C3orf21</i>	Body
cg13460934	1	3,003,690	0.02155	-0.232	-0.077				<i>PRDM16</i>	Body
cg25434272	10	117,697,078	2.15E-06	-0.232	-0.196				<i>ATRNL1</i>	Body
cg23676880	19	23,082,052	0.034838	-0.232	-0.159			Yes		
cg26388177	11	1,889,547	0.013894	-0.232	-0.099				<i>LSP1</i>	TSS1500
cg03498091	14	28,399,440	0.006203	-0.232	-0.162					
cg10923855	12	34,488,830	1.53E-05	-0.232	-0.229					
cg11760500	11	128,385,880	1.4E-12	-0.232	-0.248				<i>ETS1</i>	Body
cg01306183	11	63,057,478	0.000124	-0.232	-0.228				<i>SLC22A10</i>	5'UTR
cg02723558	11	27,536,073	5.82E-05	-0.232	-0.211				<i>BDNFOS</i>	Body
cg08355317	X	100,642,128	0.001749	-0.232	-0.159				<i>BTK</i>	TSS1500
cg16009120	12	8,686,707	0.013	-0.232	-0.190				<i>CLEC4E</i>	3'UTR
cg17742051	19	13,321,231	0.001953	-0.232	-0.090				<i>CACNA1A</i>	Body
cg08825075	16	3,934,709	0.000348	-0.232	-0.149					
cg19749001	2	11,681,405	0.005323	-0.232	-0.141				<i>GREB1</i>	TSS1500
cg21017775	11	34,535,481	0.038994	-0.232	-0.275				<i>ELF5</i>	TSS200
cg14425054	9	136,860,187	2.9E-13	-0.232	-0.220					
cg14642773	18	75,888,474	0.004575	-0.232	-0.131					
cg11331191	X	63,446,644	0.004266	-0.232	-0.221				<i>ASB12</i>	TSS1500
cg16933762	3	77,147,109	0.003941	-0.232	-0.216				<i>ROBO2</i>	TSS200
cg02066184	7	16,841,504	0.006748	-0.232	-0.281				<i>AGR2</i>	5'UTR
cg03948902	1	170,669,166	0.021502	-0.232	-0.150				<i>PRRX1</i>	Body
cg11408632	1	4,856,487	0.025812	-0.232	-0.124					
cg22825220	15	54,582,445	0.001782	-0.232	-0.260				<i>UNC13C</i>	Body

cg12942155	3	35,721,284	0.019297	-0.232	-0.150				<i>ARPP-21</i>	5'UTR
cg15397577	22	39,910,060	4.64E-05	-0.232	-0.190				<i>SMCR7L</i>	Body
cg07426101	11	59,841,011	0.001608	-0.232	-0.169					
cg24016995	10	129,868,149	7.05E-07	-0.232	-0.169				<i>PTPRE</i>	Body
cg15853771	2	52,656,979	0.000149	-0.232	-0.239					
cg16215361	11	26,594,620	1.1E-05	-0.232	-0.221	0.00061542	-0.063		<i>MUC15</i>	TSS1500
cg17393458	5	176,982,009	4.71E-11	-0.232	-0.215				<i>FAM193B</i>	TSS1500
cg25071869	8	21,867,345	0.001504	-0.232	-0.149					
cg05233614	12	131,142,966	0.004946	-0.232	-0.173					
cg17079556	7	57,252,146	0.000404	-0.232	-0.175					
cg18461347	7	78,947,094	3.09E-06	-0.232	-0.240				<i>MAGI2</i>	Body
cg06182261	20	5,451,661	0.001637	-0.232	-0.178				<i>LOC643406</i>	TSS200
cg13824815	11	124,527,240	1.29E-06	-0.232	-0.180				<i>SIAE</i>	Body
cg14251216	13	76,445,065	5.54E-06	-0.232	-0.169					
cg22262095	19	8,669,981	0.001146	-0.232	-0.130				<i>ADAMTS10</i>	Body
cg23613317	5	154,092,109	9.08E-06	-0.232	-0.222				<i>LARP1</i>	TSS1500
cg15638170	20	44,261,252	0.015554	-0.232	-0.165				<i>WFDC9</i>	TSS1500
cg01992512	21	46,493,156	0.006103	-0.232	-0.155				<i>ADARB1</i>	TSS1500
cg16921285	13	104,003,206	0.046685	-0.232	-0.177					
cg18758233	13	102,374,627	0.002733	-0.232	-0.134				<i>FGF14</i>	3'UTR
cg16451027	5	112,042,859	0.0001	-0.232	-0.268				<i>APC</i>	TSS1500
cg03548035	11	86,663,407	7.78E-09	-0.232	-0.188				<i>FZD4</i>	Body
cg16132208	13	76,536,939	0.00187	-0.232	-0.228					
cg03621504	12	116,571,240	2.75E-10	-0.232	-0.223				<i>MED13L</i>	Body
cg07787771	10	104,341,826	1.47E-05	-0.232	-0.224				<i>SUFU</i>	Body
cg21911343	3	46,672,436	0.000203	-0.232	-0.214					
cg20319457	2	20,133,404	4.06E-06	-0.232	-0.245				<i>WDR35</i>	Body
cg09641127	2	10,193,895	0.009492	-0.232	-0.182				<i>KLF11</i>	3'UTR
cg18196709	1	170,646,916	0.038691	-0.232	-0.139				<i>PRRX1</i>	Body
cg18430645	7	63,491,149	0.00012	-0.232	-0.184					
cg19178642	15	89,657,390	5.87E-05	-0.232	-0.194				<i>ABHD2</i>	5'UTR
cg25943719	15	101,421,391	1.92E-10	-0.232	-0.233				<i>ALDH1A3</i>	Body
cg25049844	21	46,933,374	9.75E-10	-0.232	-0.231				<i>COL18A1</i>	3'UTR
cg23110514	1	152,538,888	0.00194	-0.232	-0.182	3.62E-09	-0.176		<i>LCE3E</i>	5'UTR

cg00190738	5	112,042,650	0.000649	-0.232	-0.285				<i>APC</i>	TSS1500
cg07912766	18	45,458,698	7.35E-06	-0.232	-0.222				<i>SMAD2</i>	TSS1500
cg14187242	9	117,673,469	2.42E-07	-0.232	-0.205				<i>TNFSF8</i>	Body
cg13985485	1	239,550,283	5.77E-09	-0.232	-0.232					
cg21041579	14	95,907,997	0.001208	-0.232	-0.155				<i>C14orf49</i>	Body
cg07184316	1	157,669,111	0.002696	-0.232	-0.241				<i>FCRL3</i>	Body
cg02106180	16	845,767	2.29E-05	-0.232	-0.247				<i>CHTF18</i>	Body
cg01731341	12	4,554,295	0.01266	-0.232	-0.119	1.03E-08	-0.121		<i>FGF6</i>	Body
cg01303032	10	25,940,372	0.005687	-0.232	-0.224					
cg12756893	4	24,232,894	0.007891	-0.232	-0.182					
cg14975238	7	97,841,591	0.011425	-0.232	-0.094	2.18E-18	-0.125		<i>BHLHA15</i>	1stExon
cg18794475	8	55,533,829	0.012219	-0.232	-0.105				<i>RP1</i>	Body
cg04394529	11	2,067,849	0.018106	-0.232	-0.118					
cg09374437	19	52,769,790	3.56E-06	-0.232	-0.191					
cg24403338	20	31,366,437	0.000883	-0.232	-0.169				<i>DNMT3B</i>	5'UTR
cg01279413	20	62,030,494	2.14E-10	-0.232	-0.231					
cg10938393	5	32,171,158	2.08E-08	-0.233	-0.223				<i>GOLPH3</i>	Body
cg14492302	17	21,911,362	0.038336	-0.233	-0.117				<i>FLJ36000</i>	Body
cg23770008	12	34,453,757	0.046464	-0.233	-0.128					
cg05089968	6	166,722,773	1.19E-07	-0.233	-0.209	1.11E-08	-0.139		<i>PRR18</i>	TSS1500
cg25580656	14	104,197,160	1.46E-05	-0.233	-0.206				<i>ZFYVE21</i>	Body
cg01928231	6	3,502,698	1.87E-05	-0.233	-0.201					
cg21027035	7	152,591,949	0.012775	-0.233	-0.129					
cg25569300	14	97,538,227	0.017276	-0.233	-0.185					
cg14863944	13	22,740,131	0.036151	-0.233	-0.209					
cg08325307	7	31,557,142	0.027087	-0.233	-0.111				<i>CCDC129</i>	1stExon
cg24253136	11	34,535,140	0.02431	-0.233	-0.259				<i>ELF5</i>	5'UTR
cg24681125	2	154,725,150	0.002118	-0.233	-0.155					
cg02260630	16	75,491,894	9.05E-08	-0.233	-0.218				<i>TMEM170A</i>	Body
cg17929238	4	111,545,628	7.33E-05	-0.233	-0.113				<i>PITX2</i>	TSS1500
cg17819250	8	36,380,237	4.13E-06	-0.233	-0.244					
cg17908564	3	89,294,826	0.002469	-0.233	-0.197				<i>EPHA3</i>	Body
cg19224278	15	101,419,017	0.004902	-0.233	-0.174	6.91E-12	-0.197		<i>ALDH1A3</i>	TSS1500
cg03976856	1	2,764,669	1.23E-12	-0.233	-0.213					

cg07241084	7	47,493,388	0.004042	-0.233	-0.201				<i>TNS3</i>	5'UTR
cg01518591	6	29,408,229	0.008312	-0.233	-0.220				<i>OR10C1</i>	1stExon
cg09947274	2	27,439,915	2.44E-05	-0.233	-0.200	1.07E-08	-0.078		<i>C2orf28</i>	3'UTR
cg20742415	1	170,114,481	0.026056	-0.233	-0.070				<i>METTL11B</i>	TSS1500
cg06050193	16	87,101,721	0.027569	-0.233	-0.127					
cg08077807	14	62,001,072	0.002749	-0.233	-0.139				<i>PRKCH</i>	Body
cg03310930	10	109,677,537	0.046069	-0.233	-0.176					
cg07856280	8	48,038,289	0.006376	-0.233	-0.198					
cg23903244	11	2,812,987	0.007749	-0.233	-0.275				<i>KCNQ1</i>	Body
cg03312565	1	4,577,365	0.008858	-0.233	-0.179					
cg11915309	10	50,123,344	0.026026	-0.233	-0.093				<i>LRRC18</i>	TSS1500
cg15698945	6	132,858,597	0.005289	-0.233	-0.162				<i>TAAR9</i>	TSS1500
cg04774930	16	23,768,982	0.034538	-0.233	-0.182				<i>CHP2</i>	3'UTR
cg15230164	8	89,747,827	0.005331	-0.233	-0.162					
cg05463326	8	133,118,481	0.038335	-0.233	-0.199				<i>HHLA1</i>	TSS1500
cg01747862	4	174,457,371	1.53E-07	-0.233	-0.239				<i>NBLA00301</i>	Body
cg18537464	18	76,345,144	0.028202	-0.233	-0.126					
cg27020161	10	108,318,417	1.34E-07	-0.233	-0.212					
cg16002378	14	105,036,533	0.01236	-0.233	-0.141					
cg02490034	7	130,125,836	7.7E-05	-0.233	-0.243				<i>MEST</i>	TSS1500
cg11999580	8	118,383,430	0.001218	-0.233	-0.178					
cg21901160	13	48,046,005	0.004116	-0.233	-0.195					
cg00491207	18	76,270,362	0.000282	-0.233	-0.137					
cg05046020	1	158,148,523	0.012992	-0.233	-0.241				<i>CD1D</i>	TSS1500
cg08134681	2	88,742,592	0.022687	-0.233	-0.129					
cg04291383	1	12,787,380	0.009201	-0.233	-0.193				<i>AADA3L3</i>	3'UTR
cg07973026	4	103,553,119	0.00958	-0.233	-0.218				<i>MANBA</i>	3'UTR
cg18123581	8	90,772,386	1.25E-07	-0.233	-0.253				<i>RIPK2</i>	Body
cg26800525	13	113,411,519	7.78E-05	-0.233	-0.238				<i>ATP11A</i>	Body
cg14216734	1	158,817,808	0.000285	-0.233	-0.274				<i>MNDA</i>	Body
cg15444735	13	56,140,478	0.001987	-0.233	-0.158					
cg13635184	7	148,903,126	1.93E-06	-0.233	-0.234				<i>ZNF282</i>	Body
cg22793142	1	207,995,752	1.2E-07	-0.233	-0.211				<i>LOC148696</i>	Body
cg25762854	8	80,048,524	0.008216	-0.233	-0.182					



cg09869595	1	48,703,725	1.88E-09	-0.233	-0.230				<i>SLC5A9</i>	Body
cg11759354	6	32,946,541	0.000586	-0.233	-0.303				<i>BRD2</i>	Body
cg09250365	11	92,080,444	1.45E-12	-0.233	-0.238					
cg15623444	4	103,867,628	0.003565	-0.233	-0.219				<i>NHEDC1</i>	Body
cg17546376	3	42,172,097	8.95E-06	-0.233	-0.228				<i>TRAK1</i>	Body
cg09599971	16	7,615,516	0.00134	-0.233	-0.174				<i>A2BP1</i>	Body
cg06580419	2	215,276,156	8.01E-08	-0.233	-0.207				<i>VWC2L</i>	TSS1500
cg17073708	8	55,374,489	0.006985	-0.233	-0.169					
cg21196708	8	118,357,170	0.002264	-0.233	-0.205					
cg26370066	19	7,685,601	0.009432	-0.233	-0.130				<i>XAB2</i>	Body
cg04604142	17	48,796,515	0.000898	-0.233	-0.204				<i>LUC7L3</i>	TSS1500
cg06995408	2	48,977,089	9.73E-06	-0.233	-0.218				<i>LHCGR</i>	Body
cg12598937	10	10,987,228	0.048757	-0.233	-0.142				<i>LOC254312</i>	Body
cg19404207	7	99,587,136	1.67E-07	-0.233	-0.224					
cg03660010	4	48,342,263	2.73E-08	-0.233	-0.243				<i>SLAIN2</i>	TSS1500
cg23069297	2	242,833,648	9.46E-05	-0.233	-0.227					
cg11645465	8	55,243,181	0.006059	-0.233	-0.156					
cg15489693	4	10,498,037	1.34E-11	-0.233	-0.220				<i>CLNK</i>	Body
cg27652350	15	101,420,989	8.08E-11	-0.233	-0.229	1E-12	-0.168		<i>ALDH1A3</i>	Body
cg10883352	3	142,895,375	9.08E-05	-0.233	-0.178	0.0002182	-0.089			
cg03886699	1	212,698,918	0.026348	-0.233	-0.041					
cg03539903	20	53,088,317	0.004241	-0.233	-0.170					
cg09455887	16	11,629,183	0.010775	-0.233	-0.185					
cg24595152	3	43,733,831	7.1E-08	-0.233	-0.192				<i>ABHD5</i>	Body
cg06646682	1	1,273,442	0.020351	-0.233	-0.220				<i>DVL1</i>	Body
cg10237442	22	31,475,122	0.000334	-0.233	-0.225					
cg08412936	6	31,097,051	0.000113	-0.233	-0.197				<i>PSORS1C1</i>	5'UTR
cg15698171	20	62,795,464	0.007371	-0.233	-0.217				<i>MYT1</i>	TSS1500
cg19112204	11	35,425,551	6.57E-07	-0.233	-0.225				<i>SLC1A2</i>	Body
cg14219115	9	115,707,123	0.006065	-0.233	-0.230					
cg13561518	14	22,336,334	0.008295	-0.233	-0.244					
cg18329797	4	173,585,926	0.029975	-0.233	-0.175				<i>GALNTL6</i>	Body
cg23319289	14	82,292,196	0.000168	-0.233	-0.222					
cg04049033	17	1,553,661	0.001262	-0.233	-0.158	3.61E-12	-0.102		<i>RILP</i>	TSS1500

cg04840339	6	123,957,958	0.024657	-0.233	-0.148				<i>TRDN</i>	TSS200
cg21181162	8	72,650,106	0.006435	-0.234	-0.265					
cg12496800	10	72,648,987	1.7E-07	-0.234	-0.231				<i>PCBD1</i>	TSS1500
cg16149943	21	46,932,082	9.78E-05	-0.234	-0.212				<i>COL18A1</i>	Body
cg00731958	7	48,081,031	0.042751	-0.234	-0.164				<i>C7orf57</i>	Body
cg00096106	5	100,176,809	3.81E-05	-0.234	-0.242				<i>ST8SIA4</i>	Body
cg18071162	5	25,909,453	0.000792	-0.234	-0.159					
cg04170440	6	154,410,350	9.87E-06	-0.234	-0.174				<i>OPRM1</i>	Body
cg24839529	4	185,668,393	3.24E-09	-0.234	-0.242					
cg08853572	16	1,843,915	0.000156	-0.234	-0.197				<i>IGFALS</i>	TSS200
cg20127899	8	32,579,253	2.55E-07	-0.234	-0.198				<i>NRG1</i>	Body
cg21268144	12	34,531,722	4.07E-09	-0.234	-0.216					
cg08886154	7	127,256,676	8.17E-05	-0.234	-0.174	3.06E-16	-0.171		<i>PAX4</i>	TSS1500
cg22338152	19	57,642,143	0.004191	-0.234	-0.240				<i>USP29</i>	Body
cg05933815	16	22,012,743	1.59E-05	-0.234	-0.195				<i>C16orf65</i>	TSS1500
cg06582512	12	47,629,311	2.25E-11	-0.234	-0.209				<i>FAM113B</i>	Body
cg02109704	5	1,721,452	2.37E-05	-0.234	-0.197					
cg13488501	1	46,805,584	0.000643	-0.234	-0.302				<i>NSUN4</i>	TSS1500
cg26891645	1	12,908,204	0.02163	-0.234	-0.142				<i>HNRNPCL1</i>	5'UTR
cg15238224	6	30,081,408	0.000503	-0.234	-0.180	2.95E-13	-0.179		<i>TRIM31</i>	TSS1500
cg15697852	5	140,098,576	0.035359	-0.234	-0.187				<i>VTRNA1-2</i>	Body
cg01845764	11	127,112,911	8.72E-05	-0.234	-0.244					
cg09288312	10	134,830,961	0.0056	-0.234	-0.127					
cg23620049	3	185,270,558	2.71E-10	-0.234	-0.210				<i>LIPH</i>	TSS200
cg21166380	13	39,565,478	0.001991	-0.234	-0.195				<i>STOML3</i>	TSS1500
cg22183373	4	24,806,777	6.62E-05	-0.234	-0.224					
cg10664754	9	139,939,662	9.63E-10	-0.234	-0.240				<i>NPDC1</i>	Body
cg03996020	7	157,180,124	8.04E-05	-0.234	-0.152				<i>DNAJB6</i>	Body
cg22255095	20	60,472,331	0.00186	-0.234	-0.142				<i>CDH4</i>	Body
cg05658922	16	86,743,763	0.023032	-0.234	-0.098					
cg08415557	19	9,226,505	0.002469	-0.234	-0.123				<i>OR7G1</i>	TSS200
cg15486846	15	24,509,693	1.92E-05	-0.234	-0.224					
cg25839267	3	77,091,645	0.009783	-0.234	-0.204				<i>ROBO2</i>	Body
cg09221035	1	3,059,517	0.006144	-0.234	-0.067				<i>PRDM16</i>	Body

cg26562691	16	23,850,404	0.018549	-0.234	-0.240				<i>PRKCB</i>	Body
cg18826076	7	48,108,684	0.016263	-0.234	-0.179					
cg05647431	2	241,971,306	0.001434	-0.234	-0.230				<i>SNED1</i>	Body
cg10622126	X	147,598,391	0.032382	-0.234	-0.151				<i>AFF2</i>	Body
cg03848588	9	32,525,008	4.73E-06	-0.234	-0.219				<i>DDX58</i>	Body
cg00554260	2	59,494,314	0.001128	-0.234	-0.176					
cg03854077	4	189,580,596	0.004323	-0.234	-0.185					
cg17001868	7	63,247,871	0.008943	-0.234	-0.189					
cg09319695	6	13,976,724	7.21E-07	-0.234	-0.193				<i>RNF182</i>	5'UTR
cg11789371	14	102,551,385	7.25E-05	-0.234	-0.165				<i>HSP90AA1</i>	Body
cg06174454	3	50,371,818	2.12E-07	-0.234	-0.224				<i>RASSF1</i>	Body
cg20082618	18	19,318,496	2.07E-06	-0.234	-0.203					
cg00337703	10	115,938,729	6.09E-14	-0.234	-0.248				<i>TDRD1</i>	TSS1500
cg07459248	17	77,194,008	0.006153	-0.234	-0.142				<i>HRNBP3</i>	5'UTR
cg04790749	17	34,123,272	1.13E-09	-0.234	-0.224				<i>MMP28</i>	TSS1500
cg07342258	5	2,866,851	0.011405	-0.234	-0.120					
cg19417526	11	131,895,599	0.019015	-0.234	-0.291				<i>NTM</i>	Body
cg06641537	7	142,020,422	0.013765	-0.234	-0.271					
cg00394718	8	120,684,921	0.000177	-0.234	-0.212					
cg16559630	7	56,301,065	0.000158	-0.234	-0.220					
cg14072016	10	384,652	0.032028	-0.234	-0.207				<i>DIP2C</i>	Body
cg12437821	12	114,852,027	0.001075	-0.234	-0.193					
cg06223834	16	4,103,161	0.003974	-0.234	-0.297				<i>ADCY9</i>	Body
cg15061827	1	4,015,423	7.85E-05	-0.234	-0.263					
cg20207276	8	23,428,718	3.52E-07	-0.234	-0.208				<i>SLC25A37</i>	Body
cg17070005	8	13,395,492	0.000988	-0.234	-0.199					
cg12914733	11	955,328	1.62E-05	-0.234	-0.266				<i>AP2A2</i>	Body
cg20594465	13	58,246,705	0.00186	-0.234	-0.179				<i>PCDH17</i>	Body
cg02578929	2	61,414,329	1.57E-05	-0.234	-0.205				<i>AHSA2</i>	3'UTR
cg05074133	4	16,686,903	0.010957	-0.234	-0.231				<i>LDB2</i>	Body
cg14227762	14	106,053,344	0.001388	-0.234	-0.107					
cg04880751	1	241,695,164	6.83E-08	-0.234	-0.229				<i>KMO</i>	TSS1500
cg07283630	15	48,667,436	0.017373	-0.234	-0.201					
cg23326129	8	46,951,404	0.013245	-0.234	-0.189					

cg05230854	8	8,162,989	4.05E-05	-0.234	-0.267					
cg22916646	5	162,672,583	0.0345	-0.234	-0.108					
cg03367622	7	144,967,385	0.003551	-0.234	-0.231					
cg04574507	1	158,301,038	0.032951	-0.234	-0.151	2.91E-15	-0.188		<i>CD1B</i>	Body
cg08470264	16	86,580,384	2.89E-06	-0.234	-0.207				<i>MTHFSD</i>	Body
cg11853970	1	986,037	6.46E-05	-0.234	-0.192				<i>AGRN</i>	Body
cg27480913	11	6,008,246	0.002096	-0.234	-0.235				<i>OR52L1</i>	TSS200
cg01233025	11	55,637,839	1.65E-07	-0.234	-0.227					
cg20723705	11	122,118,676	0.009935	-0.234	-0.156					
cg18221016	1	185,934,251	4.83E-08	-0.234	-0.239				<i>HMCN1</i>	Body
cg20624941	12	125,811,144	0.006155	-0.234	-0.256				<i>TMEM132B</i>	TSS200
cg04105230	15	101,938,681	2.72E-07	-0.234	-0.226				<i>PCSK6</i>	Body
cg13697223	4	173,710,219	0.035232	-0.234	-0.125				<i>GALNTL6</i>	Body
cg23246095	2	162,931,638	4.44E-08	-0.234	-0.211				<i>DPP4</i>	TSS1500
cg23316648	4	17,096,664	0.001341	-0.234	-0.210					
cg05331856	13	40,516,584	5.88E-08	-0.235	-0.254					
cg16521643	16	32,452,502	0.029216	-0.235	-0.140					
cg13496790	3	66,455,738	0.015048	-0.235	-0.255				<i>LRIG1</i>	Body
cg03124880	12	108,617,533	0.024569	-0.235	-0.153			Yes	<i>WSCD2</i>	Body
cg21966319	4	169,543,126	1.04E-05	-0.235	-0.195				<i>PALLD</i>	Body
cg05038881	1	10,490,043	1.36E-14	-0.235	-0.223				<i>APITD1</i>	TSS200
cg13439703	9	20,566,875	0.00015	-0.235	-0.208				<i>MLLT3</i>	Body
cg20387172	8	145,689,754	1.02E-07	-0.235	-0.198				<i>CYHR1</i>	Body
cg10149533	4	154,064,784	7.48E-08	-0.235	-0.236					
cg12612406	6	30,103,459	0.000849	-0.235	-0.150				<i>TRIM40</i>	TSS1500
cg10842913	12	125,755,229	0.018463	-0.235	-0.253					
cg15061682	13	102,850,387	0.021268	-0.235	-0.166				<i>FGF14</i>	Body
cg26919735	1	152,647,793	0.018754	-0.235	-0.160				<i>LCE2C</i>	1stExon
cg03344806	7	18,067,282	0.038075	-0.235	-0.113				<i>PRPS1L1</i>	1stExon
cg03461296	20	60,637,948	1.52E-05	-0.235	-0.299				<i>TAF4</i>	Body
cg07280272	15	41,230,536	1.77E-39	-0.235	-0.227				<i>DLL4</i>	3'UTR
cg05565809	6	31,740,787	1.32E-07	-0.235	-0.197				<i>C6orf27</i>	Body
cg07369399	16	50,772,296	0.001408	-0.235	-0.107					
cg08449144	11	1,857,919	7.72E-06	-0.235	-0.196				<i>SYT8</i>	Body

cg12968800	2	108,565,893	0.002137	-0.235	-0.141					
cg01022345	14	101,317,819	0.000138	-0.235	-0.127				<i>MIR770</i>	TSS1500
cg23982574	12	132,174,431	0.000278	-0.235	-0.176					
cg24853313	X	145,078,200	0.014596	-0.235	-0.160				<i>MIR892A</i>	Body
cg27562311	12	8,766,941	0.038589	-0.235	-0.131				<i>AICDA</i>	TSS1500
cg14469928	2	125,733,618	0.000601	-0.235	-0.238					
cg26909217	16	72,974,588	1.62E-05	-0.235	-0.225			Yes	<i>ZFH3</i>	Body
cg05855347	7	129,773,086	0.00048	-0.235	-0.156				<i>KLHDC10</i>	3'UTR
cg25786780	19	12,957,979	1.58E-07	-0.235	-0.183				<i>MAST1</i>	Body
cg01231009	8	130,641,185	0.011552	-0.235	-0.231					
cg00517080	11	134,098,583	3.35E-05	-0.235	-0.145				<i>VPS26B</i>	Body
cg15810474	Y	9,306,450	1.97E-06	-0.235	-0.202				<i>TSPY1</i>	Body
cg04608582	1	113,798,121	1.56E-06	-0.235	-0.229					
cg07791803	8	34,343,944	0.002859	-0.235	-0.152					
cg05210558	11	131,410,879	0.005503	-0.235	-0.205				<i>NTM</i>	Body
cg25753473	6	170,532,835	1.01E-10	-0.235	-0.222					
cg17667592	11	123,496,000	0.010244	-0.235	-0.174					
cg22103831	13	58,256,880	0.001458	-0.235	-0.157			Yes	<i>PCDH17</i>	Body
cg18574499	21	40,669,669	2.14E-06	-0.235	-0.261				<i>BRWD1</i>	Body
cg10465202	12	8,766,467	0.014932	-0.235	-0.160				<i>AICDA</i>	TSS1500
cg01974330	1	196,177,626	0.02785	-0.235	-0.161					
cg03594972	5	3,659,656	0.018568	-0.235	-0.127					
cg08228600	11	120,911,604	5.02E-07	-0.235	-0.262				<i>TBCEL</i>	5'UTR
cg18176054	12	93,839,011	2.1E-08	-0.235	-0.236					
cg24703336	12	5,257,426	0.010224	-0.235	-0.160					
cg07891120	4	171,663,610	0.031316	-0.235	-0.207					
cg11538307	5	40,984,654	0.033564	-0.235	-0.213					
cg08085487	X	145,110,794	0.003531	-0.235	-0.132				<i>MIR891A</i>	TSS1500
cg16842280	17	10,422,189	5.2E-10	-0.235	-0.213				<i>MYH1</i>	TSS1500
cg09796270	17	17,721,594	0.035758	-0.235	-0.245				<i>SREBF1</i>	Body
cg05545891	11	56,113,768	0.036757	-0.235	-0.124				<i>OR8K1</i>	1stExon
cg17895446	4	173,573,053	0.036832	-0.235	-0.210				<i>GALNTL6</i>	Body
cg07436896	13	84,512,421	2.01E-05	-0.235	-0.218					
cg23219332	X	134,971,334	0.000109	-0.235	-0.169				<i>CT45A6</i>	TSS200

cg02842704	5	151,305,746	1.29E-06	-0.235	-0.232				<i>GLRA1</i>	TSS1500
cg04290171	1	207,924,482	1.4E-06	-0.235	-0.225				<i>CD46</i>	TSS1500
cg11868247	7	7,962,810	6.3E-09	-0.235	-0.218					
cg24055855	17	1,535,293	2.8E-05	-0.235	-0.227					
cg24107750	10	6,569,373	0.007057	-0.235	-0.155				<i>PRKCQ</i>	5'UTR
cg11813658	14	87,370,892	0.003455	-0.235	-0.211					
cg01015123	3	161,214,690	0.02189	-0.235	-0.191				<i>OTOL1</i>	1stExon
cg03267167	19	29,587,012	0.023587	-0.235	-0.140					
cg14573759	18	73,966,755	0.002495	-0.235	-0.202					
cg20566970	3	137,321,245	0.008284	-0.235	-0.314					
cg00347056	8	3,254,000	0.000304	-0.235	-0.186				<i>CSMD1</i>	Body
cg13097102	1	172,886,544	0.003649	-0.235	-0.279					
cg21899520	18	71,957,896	0.000183	-0.235	-0.175				<i>CYB5A</i>	Body
cg05424333	16	86,718,577	0.006002	-0.235	-0.209					
cg18674899	6	83,904,319	3.83E-05	-0.235	-0.279				<i>PGM3</i>	TSS1500
cg24150385	3	66,543,263	1.3E-06	-0.235	-0.224				<i>LRIG1</i>	Body
cg05677630	22	22,020,012	4.05E-07	-0.235	-0.200				<i>PPIL2</i>	TSS1500
cg12033297	1	176,998,801	0.000522	-0.235	-0.222				<i>MIR488</i>	TSS1500
cg18116418	1	152,553,244	5.47E-10	-0.235	-0.223			Yes	<i>LCE3D</i>	TSS1500
cg03752741	15	84,168,459	2.31E-12	-0.235	-0.229				<i>SH3GL3</i>	Body
cg11012557	14	70,512,583	1.54E-05	-0.235	-0.200				<i>SLC8A3</i>	3'UTR
cg07810733	12	66,324,092	2.57E-06	-0.235	-0.247				<i>HMGA2</i>	Body
cg13555050	4	111,985,640	0.000433	-0.235	-0.169					
cg15961219	14	53,960,406	2.16E-07	-0.235	-0.263					
cg18599533	19	58,627,297	0.01152	-0.235	-0.181				<i>ZSCAN18</i>	Body
cg22862319	1	3,289,994	1.74E-05	-0.235	-0.200				<i>PRDM16</i>	Body
cg16836250	11	87,224,821	0.000793	-0.235	-0.239					
cg25912428	10	125,427,770	0.000617	-0.235	-0.198				<i>GPR26</i>	Body
cg14181111	1	168,773,313	9.87E-06	-0.235	-0.233					
cg15304679	7	53,104,001	0.013574	-0.235	-0.149				<i>POM121L12</i>	1stExon
cg24456981	10	26,930,863	0.005324	-0.235	-0.224				<i>LOC731789</i>	TSS1500
cg02539662	12	93,560,520	0.000532	-0.236	-0.284					
cg24764810	6	31,025,949	0.000795	-0.236	-0.144				<i>HCG22</i>	Body
cg13412154	12	127,941,600	7.01E-06	-0.236	-0.187					

cg22868951	4	129,767,588	0.001626	-0.236	-0.204				<i>PHF17</i>	Body
cg25765936	8	58,130,041	0.01488	-0.236	-0.178					
cg20703895	1	157,407,802	0.040933	-0.236	-0.206					
cg24338513	1	210,072,223	0.00042	-0.236	-0.173					
cg24536691	6	33,238,768	5.14E-05	-0.236	-0.229				<i>VPS52</i>	Body
cg03861532	20	56,275,607	0.01916	-0.236	-0.274				<i>PMEPA1</i>	5'UTR
cg24826784	6	131,952,764	6.92E-06	-0.236	-0.208					
cg25562958	14	101,490,676	0.023591	-0.236	-0.222				<i>MIR1197</i>	TSS1500
cg18577239	12	53,955,664	2.4E-07	-0.236	-0.247				<i>ATF7</i>	Body
cg06700060	12	65,859,647	0.007552	-0.236	-0.226				<i>MSRB3</i>	3'UTR
cg04136817	17	32,369,686	0.026043	-0.236	-0.133				<i>ACCN1</i>	Body
cg11970733	12	129,469,367	0.00255	-0.236	-0.166				<i>GLT1D1</i>	3'UTR
cg16691898	1	156,255,600	0.011358	-0.236	-0.258				<i>TMEM79</i>	Body
cg03137700	2	32,905,314	3.16E-09	-0.236	-0.260				<i>TTC27</i>	Body
cg03379894	5	141,131,868	5.11E-07	-0.236	-0.201					
cg09295202	14	21,535,394	9.39E-05	-0.236	-0.176					
cg20681783	5	8,839,868	0.000141	-0.236	-0.221					
cg00874605	16	14,569,598	1.11E-08	-0.236	-0.243				<i>PARN</i>	Body
cg24380053	3	13,028,632	8.86E-13	-0.236	-0.240				<i>IQSEC1</i>	Body
cg02224329	2	185,740,590	0.003677	-0.236	-0.275				<i>ZNF804A</i>	Body
cg15073065	12	34,530,380	4.73E-05	-0.236	-0.190					
cg20267897	20	62,433,369	0.010724	-0.236	-0.149				<i>ZBTB46</i>	5'UTR
cg07711387	16	51,529,443	0.01015	-0.236	-0.181					
cg21166092	5	1,763,818	2.65E-10	-0.236	-0.219					
cg18311633	2	155,309,539	0.000193	-0.236	-0.138				<i>GALNT13</i>	3'UTR
cg16506887	11	6,867,337	0.019913	-0.236	-0.271				<i>OR10A5</i>	1stExon
cg18348318	4	7,736,837	0.001234	-0.236	-0.148				<i>SORCS2</i>	Body
cg20070090	1	153,363,489	9.14E-07	-0.236	-0.249	0.00207367	-0.043		<i>S100A8</i>	5'UTR
cg21656251	2	240,031,700	4.57E-12	-0.236	-0.218				<i>HDAC4</i>	Body
cg00239171	4	136,198,747	0.001715	-0.236	-0.228					
cg05918292	14	47,834,520	0.000179	-0.236	-0.244				<i>MDGA2</i>	Body
cg13711538	13	77,283,725	0.043262	-0.236	-0.196					
cg06738239	1	2,789,089	0.007589	-0.236	-0.151					
cg16855440	19	45,842,723	1.49E-06	-0.236	-0.212				<i>KLC3</i>	TSS1500

cg07629125	13	58,299,015	0.004429	-0.236	-0.159				<i>PCDH17</i>	Body
cg12799790	10	54,071,134	0.002673	-0.236	-0.192					
cg27100471	11	794,834	1.3E-08	-0.236	-0.234				<i>SLC25A22</i>	Body
cg16911872	7	152,591,175	5.33E-05	-0.236	-0.169					
cg08746033	4	175,897,327	0.042627	-0.236	-0.123				<i>ADAM29</i>	Body
cg17185705	8	89,123,876	0.005815	-0.236	-0.139				<i>MMP16</i>	Body
cg13550670	14	70,547,432	0.001555	-0.236	-0.235				<i>SLC8A3</i>	Body
cg27270968	16	48,846,874	0.02024	-0.236	-0.230			Yes		
cg20207414	12	55,423,208	0.000189	-0.236	-0.174				<i>NEUROD4</i>	3'UTR
cg00431835	16	86,796,158	0.007486	-0.236	-0.180					
cg10838380	10	1,156,113	0.04261	-0.236	-0.236				<i>WDR37</i>	Body
cg19315730	4	49,320,210	0.023685	-0.236	-0.121					
cg14571619	3	100,537,801	0.001211	-0.236	-0.159				<i>ABI3BP</i>	Body
cg15711987	10	99,393,886	1.91E-05	-0.236	-0.193				<i>MORN4</i>	1stExon
cg03015672	10	32,216,066	0.001937	-0.236	-0.263				<i>ARHGAP12</i>	5'UTR
cg19274618	12	50,240,958	7.56E-06	-0.236	-0.208					
cg22258892	17	77,042,315	1.78E-10	-0.236	-0.211				<i>C1QTNF1</i>	5'UTR
cg04071644	X	149,613,662	0.001214	-0.236	-0.282				<i>MAMLD1</i>	TSS200
cg07340651	11	94,038,819	0.009867	-0.236	-0.261				<i>FOLR4</i>	1stExon
cg09325375	11	22,450,715	0.003225	-0.236	-0.222					
cg26151163	2	239,079,168	2.38E-07	-0.236	-0.208				<i>ILKAP</i>	3'UTR
cg00364325	15	89,342,191	0.005501	-0.236	-0.145					
cg10269560	16	88,133,238	1.45E-12	-0.236	-0.205					
cg03043911	X	86,771,551	0.005698	-0.236	-0.206				<i>KLHL4</i>	TSS1500
cg05862007	2	48,950,153	0.030114	-0.236	-0.162				<i>GTF2A1L</i>	Body
cg25925578	8	8,388,047	0.001636	-0.236	-0.283					
cg09555879	19	42,569,956	0.013233	-0.236	-0.153	0.0000017	-0.100		<i>GRIK5</i>	1stExon
cg09640686	16	89,496,981	1.39E-06	-0.236	-0.210				<i>ANKRD11</i>	5'UTR
cg22226342	21	31,693,907	5.02E-07	-0.236	-0.222				<i>KRTAP26-1</i>	TSS1500
cg23521262	10	114,323,333	1.23E-08	-0.236	-0.228				<i>VTI1A</i>	Body
cg26901096	10	10,994,189	0.027425	-0.236	-0.200				<i>LOC254312</i>	TSS200
cg06634886	5	5,033,763	0.022391	-0.236	-0.184				<i>LOC340094</i>	TSS1500
cg23638725	7	48,965,301	0.00133	-0.236	-0.205				<i>CDC14C</i>	Body
cg01027010	16	31,576,339	0.000412	-0.236	-0.199					



cg17936359	3	168,524,260	0.003231	-0.236	-0.175				<i>C3orf50</i>	Body
cg21831485	7	31,594,014	2.26E-07	-0.236	-0.238				<i>CCDC129</i>	Body
cg23377607	17	39,728,362	0.006813	-0.236	-0.125				<i>KRT9</i>	TSS200
cg05776787	3	38,835,276	0.045865	-0.236	-0.138				<i>SCN10A</i>	1stExon
cg25015038	14	89,604,062	5.75E-16	-0.236	-0.249					
cg08019151	3	38,836,991	0.002836	-0.236	-0.140				<i>SCN10A</i>	TSS1500
cg12298697	6	32,850,425	1.32E-10	-0.236	-0.236					
cg18296784	11	116,147,929	0.000435	-0.236	-0.166					
cg02661623	7	105,603,743	3.53E-09	-0.236	-0.234				<i>FLI23834</i>	1stExon
cg23452220	4	16,846,297	5.44E-06	-0.236	-0.243				<i>LDB2</i>	Body
cg06647930	22	45,135,965	0.000266	-0.236	-0.201				<i>PRR5-ARHGAP8</i>	Body
cg15734955	17	79,977,477	0.04274	-0.236	-0.091				<i>STRA13</i>	Body
cg27325772	Y	9,178,472	0.000116	-0.236	-0.184					
cg00174201	7	10,819,370	0.010537	-0.236	-0.138					
cg00242951	3	9,596,482	0.000657	-0.236	-0.203				<i>LHFPL4</i>	TSS1500
cg01538165	8	71,240,128	4.18E-09	-0.236	-0.241				<i>NCOA2</i>	5'UTR
cg13837822	10	26,931,731	0.01811	-0.236	-0.157				<i>LOC731789</i>	TSS1500
cg12989041	6	159,049,761	0.006931	-0.236	-0.280				<i>TMEM181</i>	Body
cg01713348	16	1,480,790	1.21E-06	-0.236	-0.251				<i>C16orf91</i>	TSS1500
cg13519373	2	219,030,898	0.009858	-0.237	-0.182				<i>CXCR1</i>	5'UTR
cg16746901	11	2,428,431	0.0173	-0.237	-0.146				<i>TRPM5</i>	Body
cg26674487	3	9,590,728	0.009947	-0.237	-0.175				<i>LHFPL4</i>	Body
cg26144569	2	38,304,804	0.000133	-0.237	-0.241				<i>CYP1B1</i>	TSS1500
cg26254050	5	25,193,483	0.011959	-0.237	-0.196					
cg05834895	3	69,172,203	4.29E-11	-0.237	-0.237				<i>LMOD3</i>	TSS1500
cg07213415	8	144,254,866	1.13E-06	-0.237	-0.241					
cg09158638	16	62,309,996	0.014757	-0.237	-0.145					
cg16626760	6	41,621,322	7.55E-11	-0.237	-0.213				<i>MDF1</i>	3'UTR
cg19026320	21	31,588,354	4.29E-06	-0.237	-0.227				<i>CLDN8</i>	TSS200
cg26446133	18	72,167,187	3.71E-06	-0.237	-0.170				<i>CNDP2</i>	5'UTR
cg08849514	5	106,530,218	0.035804	-0.237	-0.072					
cg18839416	1	12,805,849	5.87E-10	-0.237	-0.240				<i>C1orf158</i>	TSS1500
cg04281426	5	69,345,099	3.85E-08	-0.237	-0.255				<i>SMN2</i>	TSS1500
cg09469812	1	2,899,497	0.000686	-0.237	-0.161					

cg17162911	8	13,209,750	0.029697	-0.237	-0.237					<i>DLC1</i>	Body
cg03963963	10	44,434,410	0.008269	-0.237	-0.229						
cg22164298	4	114,276,834	0.021462	-0.237	-0.099					<i>ANK2</i>	Body
cg27475652	8	24,774,727	0.004112	-0.237	-0.160					<i>NEFM</i>	Body
cg03319695	18	59,156,627	0.001508	-0.237	-0.170					<i>CDH20</i>	TSS1500
cg12575429	17	77,029,518	0.001396	-0.237	-0.112					<i>C1QTNF1</i>	5'UTR
cg20333727	11	1,889,893	0.00028	-0.237	-0.194					<i>LSP1</i>	TSS200
cg13137032	4	5,904,897	0.025425	-0.237	-0.122						
cg16298813	1	2,878,455	0.023708	-0.237	-0.101						
cg07616471	3	46,413,711	2.88E-09	-0.237	-0.224					<i>CCR5</i>	5'UTR
cg11001769	14	61,748,440	2.2E-05	-0.237	-0.246					<i>TMEM30B</i>	1stExon
cg13123025	4	190,661,960	0.018812	-0.237	-0.153						
cg05829696	8	140,488,084	0.005901	-0.237	-0.139						
cg00653455	3	53,914,075	0.004519	-0.237	-0.263					<i>ACTR8</i>	Body
cg24087039	4	62,788,690	3.61E-05	-0.237	-0.170					<i>LPHN3</i>	Body
cg27410383	16	29,179,329	0.002596	-0.237	-0.156						
cg11465466	17	39,549,192	0.031556	-0.237	-0.084						
cg14838801	2	234,385,359	0.000548	-0.237	-0.157					<i>USP40</i>	3'UTR
cg01793704	7	130,126,024	9.36E-06	-0.237	-0.252					<i>MEST</i>	TSS200
cg01794405	1	198,869,002	0.013302	-0.237	-0.113						
cg23313963	6	32,023,923	0.033085	-0.237	-0.093					<i>TNXB</i>	Body
cg00233633	7	29,153,560	4.9E-05	-0.237	-0.230					<i>CPVL</i>	Body
cg19886365	8	56,159,797	0.029417	-0.237	-0.223					<i>XKR4</i>	Body
cg16219583	5	135,702,333	0.000235	-0.237	-0.198			Yes		<i>TRPC7</i>	TSS1500
cg06332269	19	1,978,692	0.006109	-0.237	-0.213					<i>CSNK1G2</i>	Body
cg25528806	11	124,190,035	5.71E-05	-0.237	-0.234					<i>OR8D2</i>	1stExon
cg05465955	17	40,715,236	1.6E-13	-0.237	-0.222					<i>COASY</i>	1stExon
cg12641024	17	40,070,691	1.96E-08	-0.237	-0.235					<i>ACLY</i>	5'UTR
cg06455190	13	19,451,923	0.039667	-0.237	-0.143						
cg21201572	7	16,844,606	0.007282	-0.237	-0.312					<i>AGR2</i>	5'UTR
cg01246444	2	161,775,589	2.66E-11	-0.237	-0.222						
cg17130745	1	81,797,258	8.22E-13	-0.237	-0.254						
cg20784899	7	32,341,352	0.022176	-0.237	-0.111						
cg02008627	16	6,318,633	0.010271	-0.237	-0.188					<i>A2BP1</i>	5'UTR

cg07060505	12	116,756,136	6.21E-08	-0.237	-0.245					
cg08500510	10	6,216,350	0.000898	-0.237	-0.183				<i>PFKFB3</i>	Body
cg09529437	16	24,136,792	1.24E-06	-0.237	-0.231				<i>PRKCB</i>	Body
cg25793597	10	9,450,986	5.69E-05	-0.237	-0.244					
cg00175487	14	101,490,186	0.014672	-0.237	-0.215				<i>MIR380</i>	TSS1500
cg12611013	13	103,047,760	3.15E-06	-0.237	-0.185				<i>FGF14</i>	Body
cg20899213	3	142,546,545	0.00769	-0.237	-0.106				<i>PCOLCE2</i>	Body
cg07581462	4	178,038,657	7.87E-05	-0.237	-0.214					
cg25002129	11	131,965,815	0.013038	-0.237	-0.207				<i>NTM</i>	Body
cg22514075	1	99,357,073	0.00023	-0.237	-0.284				<i>LPPR5</i>	3'UTR
cg07725167	11	66,185,078	0.004438	-0.237	-0.230					
cg26640927	4	120,726,319	4.37E-05	-0.237	-0.241					
cg04066021	16	86,293,287	2.49E-05	-0.237	-0.231					
cg06076518	8	130,307,191	0.011788	-0.237	-0.212					
cg13379558	19	14,797,552	0.001033	-0.237	-0.178					
cg23885889	10	19,400,365	4.67E-05	-0.237	-0.201					
cg00444360	11	88,270,612	0.003391	-0.237	-0.156				<i>GRM5</i>	Body
cg00013660	9	140,068,770	0.001065	-0.237	-0.154					
cg08478046	19	42,093,086	5.96E-05	-0.237	-0.217				<i>CEACAM21</i>	3'UTR
cg22215836	17	81,026,716	0.00027	-0.237	-0.152					
cg26745038	16	86,371,833	0.002343	-0.237	-0.199				<i>LOC732275</i>	Body
cg09075515	8	56,192,721	0.002761	-0.237	-0.248				<i>XKR4</i>	Body
cg01046833	11	51,515,596	0.000627	-0.237	-0.216			Yes	<i>OR4C46</i>	1stExon
cg11460714	7	63,463,421	5.4E-05	-0.237	-0.187					
cg03770410	20	57,766,332	0.002656	-0.237	-0.165				<i>ZNF831</i>	1stExon
cg25712758	19	8,271,179	0.000101	-0.237	-0.193					
cg18087023	1	153,014,956	0.001745	-0.237	-0.210				<i>SPRR2D</i>	TSS1500
cg27645294	17	21,795,257	0.026625	-0.237	-0.105					
cg10012711	6	28,553,927	0.016527	-0.237	-0.147				<i>SCAND3</i>	Body
cg10132287	10	131,584,334	4.37E-05	-0.237	-0.205					
cg16199460	5	5,087,391	1.89E-08	-0.237	-0.215					
cg22319016	11	86,663,418	1.14E-09	-0.237	-0.210				<i>FZD4</i>	Body
cg04692506	11	47,401,027	1.43E-10	-0.237	-0.240				<i>SPI1</i>	TSS1500
cg04357225	14	98,153,758	0.014715	-0.237	-0.168					

cg08913410	7	30,726,859	5.42E-09	-0.237	-0.214					
cg00736299	16	4,730,465	6.47E-09	-0.237	-0.204			Yes	<i>MGRN1</i>	Body
cg22433447	7	39,288,391	0.00018	-0.237	-0.210				<i>POU6F2</i>	Body
cg08245989	12	9,280,923	0.006728	-0.238	-0.170					
cg26311677	3	168,142,949	0.003622	-0.238	-0.181				<i>C3orf50</i>	Body
cg07989466	12	64,797,213	6.41E-08	-0.238	-0.241				<i>XPOT</i>	TSS1500
cg16464328	17	42,346,923	3.01E-08	-0.238	-0.232				<i>SLC4A1</i>	TSS1500
cg19821682	1	4,849,063	0.006543	-0.238	-0.156					
cg24327361	8	4,583,386	0.004795	-0.238	-0.222				<i>CSMD1</i>	Body
cg13897627	16	49,378,497	0.011009	-0.238	-0.161	0.0000027	-0.110			
cg21605238	13	39,264,965	0.009231	-0.238	-0.238				<i>FREM2</i>	1stExon
cg24803687	11	5,462,916	0.001817	-0.238	-0.217				<i>OR5111</i>	TSS200
cg24995678	2	235,936,394	5.08E-07	-0.238	-0.216				<i>SH3BP4</i>	5'UTR
cg18125814	11	49,455,214	0.000451	-0.238	-0.188					
cg18186478	8	23,423,960	1.93E-05	-0.238	-0.199				<i>SLC25A37</i>	Body
cg16112050	18	713,200	0.000508	-0.238	-0.281	1.57E-15	-0.140		<i>ENOSF1</i>	TSS1500
cg21871038	6	50,697,940	0.000307	-0.238	-0.227			Yes	<i>TFAP2D</i>	Body
cg19964491	6	32,016,236	0.03476	-0.238	-0.050				<i>TNXB</i>	Body
cg19656820	11	34,535,085	0.015307	-0.238	-0.243				<i>ELF5</i>	5'UTR
cg22852840	6	47,749,714	5.04E-05	-0.238	-0.231				<i>OPN5</i>	TSS200
cg06859106	4	17,582,677	0.006927	-0.238	-0.220			Yes	<i>LAP3</i>	Body
cg06515543	19	5,823,791	0.003853	-0.238	-0.176				<i>NRTN</i>	TSS200
cg02413104	X	150,395,248	9.21E-06	-0.238	-0.240					
cg14346895	9	37,576,819	4.58E-09	-0.238	-0.231				<i>FBXO10</i>	TSS1500
cg00014104	22	22,220,367	1.81E-12	-0.238	-0.238				<i>MAPK1</i>	Body
cg01165661	3	49,157,146	2.04E-05	-0.238	-0.216				<i>USP19</i>	5'UTR
cg19437852	19	56,195,465	2.25E-05	-0.238	-0.237				<i>EPN1</i>	Body
cg03462901	15	93,613,453	1.07E-05	-0.238	-0.253				<i>RGMA</i>	Body
cg27338353	22	46,471,129	2.51E-16	-0.238	-0.218					
cg09561365	22	45,676,755	1.82E-05	-0.238	-0.226					
cg09043962	17	79,694,615	1.36E-05	-0.238	-0.246					
cg26152051	2	219,994,830	4.27E-08	-0.238	-0.226				<i>NHEJ1</i>	Body
cg27247689	8	73,445,394	1.55E-05	-0.238	-0.241					
cg06465306	X	84,503,836	8.3E-06	-0.238	-0.185				<i>ZNF711</i>	Body

cg14139814	7	83,378,795	0.03441	-0.238	-0.191					
cg03452625	3	11,537,620	0.041838	-0.238	-0.223				ATG7	Body
cg15975283	1	173,571,345	0.012857	-0.238	-0.270				SLC9A11	5'UTR
cg00134787	17	10,419,499	0.006621	-0.238	-0.189	0.0000704	-0.140		MYH1	Body
cg00090787	15	66,795,345	8.69E-09	-0.238	-0.235				RPL4	Body
cg03284670	16	55,909,732	0.00632	-0.238	-0.142				CES7	TSS1500
cg16847374	X	152,772,343	1.22E-05	-0.238	-0.205				BGN	Body
cg17770910	8	143,851,427	0.03899	-0.238	-0.156				LYNX1	TSS200
cg03579179	7	12,444,095	1.73E-06	-0.238	-0.244				VWDE	TSS1500
cg06627043	1	147,838,662	1.65E-08	-0.238	-0.201					
cg27296413	1	159,037,843	0.008148	-0.238	-0.267				AIM2	Body
cg01518790	20	9,823,348	0.005597	-0.238	-0.137					
cg06617217	12	56,708,578	1.86E-07	-0.238	-0.242				CNPY2	Body
cg14128411	2	1,926,907	0.01011	-0.238	-0.283				MYT1L	Body
cg24935655	3	193,097,750	0.049865	-0.238	-0.092				ATP13A5	TSS1500
cg25799589	4	146,800,380	1.9E-12	-0.238	-0.240				ZNF827	Body
cg21997401	4	12,225,077	0.008658	-0.238	-0.258					
cg01761453	X	140,983,037	0.019217	-0.238	-0.157				MAGEC3	Body
cg08026039	16	1,486,384	0.014766	-0.238	-0.111				CCDC154	Body
cg14909213	12	8,694,468	0.008138	-0.238	-0.145				CLEC4E	TSS1500
cg13050115	3	73,503,670	2.98E-07	-0.238	-0.249				PDZRN3	Body
cg02282041	16	82,908,556	0.0025	-0.238	-0.227				CDH13	Body
cg01916400	5	155,548,458	3.3E-13	-0.238	-0.226					
cg03228766	7	57,878,945	0.00082	-0.238	-0.206					
cg05749728	10	126,826,902	6.59E-05	-0.238	-0.195				CTBP2	5'UTR
cg13631222	3	147,654,565	0.001866	-0.238	-0.190			Yes		
cg14624463	3	153,947,356	0.006939	-0.238	-0.115				SGEF	Body
cg11472422	17	80,926,014	0.000538	-0.238	-0.259				B3GNTL1	Body
cg07826516	5	3,106,230	0.029288	-0.238	-0.116					
cg19740476	12	130,750,328	0.035615	-0.238	-0.122					
cg26014066	X	66,763,094	9.08E-07	-0.238	-0.218				AR	TSS1500
cg19029127	4	37,604,497	4.92E-11	-0.238	-0.196				RELL1	3'UTR
cg21684179	1	110,576,933	0.002549	-0.238	-0.165				FAM40A	TSS1500
cg03582419	4	177,804,777	0.018822	-0.238	-0.136					

cg08833126	4	180,086,254	1.18E-05	-0.238	-0.252					
cg14030940	14	101,906,274	0.004198	-0.238	-0.182					
cg26354750	10	38,499,434	9.63E-06	-0.238	-0.213				<i>LOC100129055</i>	Body
cg14126408	10	44,705,342	0.004455	-0.238	-0.258					
cg19809669	6	151,346,268	0.002597	-0.238	-0.190				<i>MTHFD1L</i>	Body
cg13290059	2	104,781,890	0.018423	-0.238	-0.234					
cg05784226	2	91,923,833	0.034593	-0.238	-0.104					
cg07151197	13	87,098,885	0.000195	-0.238	-0.188					
cg14150803	1	8,035,305	3.99E-10	-0.238	-0.229				<i>PARK7</i>	Body
cg18161211	4	177,716,461	0.000451	-0.238	-0.241					
cg22614624	2	242,618,417	2.5E-06	-0.238	-0.228				<i>DTYMK</i>	Body
cg10652558	7	57,208,277	0.000108	-0.238	-0.208				<i>ZNF479</i>	TSS1500
cg11534519	5	171,534,678	5.93E-05	-0.238	-0.163				<i>STK10</i>	Body
cg12492670	11	50,231,261	0.006253	-0.238	-0.156					
cg00133403	16	57,212,731	4.83E-06	-0.238	-0.194				<i>FAM192A</i>	5'UTR
cg07795402	1	2,938,954	0.03026	-0.238	-0.068				<i>ACTRT2</i>	1stExon
cg24197116	X	68,110,972	8.35E-07	-0.238	-0.251					
cg09884146	2	65,593,908	1.38E-22	-0.239	-0.229				<i>SPRED2</i>	5'UTR
cg18748085	5	22,372,872	0.003299	-0.239	-0.191				<i>CDH12</i>	5'UTR
cg09450467	22	39,711,262	0.049495	-0.239	-0.144				<i>SNORD83B</i>	TSS1500
cg12905592	12	50,091,449	1.16E-08	-0.239	-0.223				<i>FMNL3</i>	Body
cg25133753	20	44,299,726	0.009633	-0.239	-0.214				<i>WFDC11</i>	TSS1500
cg11958666	8	5,019,242	0.007572	-0.239	-0.180					
cg09261791	14	52,347,968	8.12E-06	-0.239	-0.247				<i>GNG2</i>	5'UTR
cg09775238	16	86,580,410	4.26E-05	-0.239	-0.214				<i>MTHFSD</i>	Body
cg00268869	11	91,884,576	0.001655	-0.239	-0.252					
cg00863469	19	49,116,423	0.000311	-0.239	-0.247				<i>FAM83E</i>	1stExon
cg16383871	6	31,888,543	0.004673	-0.239	-0.204					
cg19880077	12	131,975,791	0.049193	-0.239	-0.194					
cg24174145	12	52,585,892	4.52E-09	-0.239	-0.207				<i>KRT80</i>	TSS200
cg10575986	7	154,003,309	0.020352	-0.239	-0.159				<i>DPP6</i>	Body
cg03804732	12	14,136,365	0.023412	-0.239	-0.233					
cg18548400	3	182,506,874	8.29E-05	-0.239	-0.244					
cg20978858	22	41,653,226	5.04E-07	-0.239	-0.207				<i>RANGAP1</i>	Body

cg19911494	5	9,169,758	0.00094	-0.239	-0.174				<i>SEMA5A</i>	Body
cg20949198	6	134,317,925	0.000101	-0.239	-0.248				<i>SLC2A12</i>	Body
cg12610078	3	82,547,324	0.007098	-0.239	-0.182					
cg12169568	14	89,708,532	1.62E-05	-0.239	-0.177				<i>FOXN3</i>	Body
cg23257105	11	45,671,015	0.004265	-0.239	-0.093				<i>CHST1</i>	3'UTR
cg20615517	17	3,213,559	0.013671	-0.239	-0.105				<i>OR3A4</i>	Body
cg25986727	11	71,723,428	0.001297	-0.239	-0.180				<i>NUMA1</i>	Body
cg27289628	19	29,458,302	0.031032	-0.239	-0.140				<i>LOC148145</i>	Body
cg06059043	16	559,311	9.11E-11	-0.239	-0.248				<i>RAB11FIP3</i>	Body
cg20521198	4	27,102,907	4.02E-07	-0.239	-0.248					
cg17450075	12	130,411,204	0.002066	-0.239	-0.195					
cg11576988	6	26,544,615	8.1E-12	-0.239	-0.220				<i>HMGN4</i>	5'UTR
cg11592631	2	119,470,715	0.000371	-0.239	-0.233					
cg12163365	8	140,465,582	0.014208	-0.239	-0.157					
cg15050328	3	124,448,651	4.33E-06	-0.239	-0.253				<i>UMPS</i>	TSS1500
cg27258696	11	20,987,359	0.002098	-0.239	-0.256				<i>NELL1</i>	Body
cg01997606	5	151,308,141	0.000183	-0.239	-0.235					
cg03954343	12	15,822,734	6.03E-06	-0.239	-0.255				<i>EPS8</i>	Body
cg26561570	1	161,602,002	0.002117	-0.239	-0.212				<i>FCGR3B</i>	TSS1500
cg03447413	16	86,912,782	0.00162	-0.239	-0.144					
cg10875257	6	28,554,274	1.53E-14	-0.239	-0.229				<i>SCAND3</i>	1stExon
cg07163168	1	76,899,846	7.83E-07	-0.239	-0.218				<i>ST6GALNAC3</i>	Body
cg13540060	6	141,793,045	0.001824	-0.239	-0.163					
cg17035109	21	10,882,029	0.000606	-0.239	-0.175					
cg01274257	22	31,746,540	9.89E-05	-0.239	-0.227					
cg16333374	2	88,579,997	0.007993	-0.239	-0.211					
cg24813857	4	16,859,428	9.62E-08	-0.239	-0.229				<i>LDB2</i>	Body
cg16099871	8	13,296,183	0.009125	-0.239	-0.180				<i>DLC1</i>	Body
cg20669366	8	142,283,615	0.000416	-0.239	-0.222					
cg02858817	X	26,155,148	0.003169	-0.239	-0.256				<i>MAGEB18</i>	TSS1500
cg10626107	1	2,564,880	0.001459	-0.239	-0.148				<i>MMEL1</i>	TSS1500
cg15797102	4	17,158,272	0.007241	-0.239	-0.191					
cg00268945	13	81,229,541	0.009634	-0.239	-0.139					
cg05502478	3	182,911,560	1.79E-11	-0.239	-0.233				<i>MCF2L2</i>	Body

cg26500457	11	122,733,080	8.32E-06	-0.239	-0.223				<i>CRTAM</i>	Body
cg05753046	11	67,801,224	6.27E-11	-0.239	-0.213				<i>NDUFS8</i>	Body
cg14717069	13	103,945,151	1.77E-06	-0.239	-0.213					
cg13401840	1	153,112,816	0.013617	-0.239	-0.190				<i>SPRR2C</i>	Body
cg16241391	1	181,470,120	0.002017	-0.239	-0.296				<i>CACNA1E</i>	Body
cg18528145	X	91,130,234	0.000352	-0.239	-0.204				<i>PCDH11X</i>	Body
cg02826368	4	175,839,610	0.012605	-0.239	-0.164				<i>ADAM29</i>	1stExon
cg07241908	8	56,284,622	0.013407	-0.239	-0.270				<i>XKR4</i>	Body
cg06386009	16	86,743,964	0.000716	-0.239	-0.167			Yes		
cg08292485	20	29,993,663	1.33E-07	-0.239	-0.249				<i>DEFB121</i>	Body
cg26974681	14	98,012,978	0.020732	-0.239	-0.145					
cg06657560	12	121,841,372	9.32E-09	-0.239	-0.237				<i>RNF34</i>	Body
cg15473569	17	45,854,061	0.000816	-0.239	-0.175					
cg22253078	2	212,196,399	0.00013	-0.239	-0.219					
cg20622565	13	112,906,400	0.044006	-0.239	-0.054					
cg10366786	4	53,578,129	0.000121	-0.239	-0.237				<i>SNORA26</i>	TSS1500
cg18988856	7	99,425,577	4.18E-06	-0.239	-0.235				<i>CYP3A43</i>	TSS200
cg07804289	1	153,114,690	0.007843	-0.240	-0.215				<i>SPRR2C</i>	TSS1500
cg12027248	8	2,820,857	0.046554	-0.240	-0.141				<i>CSMD1</i>	Body
cg00028056	2	220,407,171	1.57E-07	-0.240	-0.203				<i>CHPF</i>	Body
cg24121168	3	58,652,503	3.3E-08	-0.240	-0.244				<i>FAM3D</i>	1stExon
cg24525744	6	144,217,883	2.1E-06	-0.240	-0.248				<i>C6orf94</i>	Body
cg03369029	X	52,847,274	7.78E-06	-0.240	-0.256				<i>XAGE5</i>	3'UTR
cg10600594	6	30,176,107	0.001801	-0.240	-0.227				<i>TRIM26</i>	5'UTR
cg20620783	11	7,870,238	0.01874	-0.240	-0.187				<i>OR5E1P</i>	TSS1500
cg12860156	6	98,744,658	1.48E-06	-0.240	-0.232					
cg17400812	7	41,854,825	0.004294	-0.240	-0.156					
cg05890062	8	51,288,552	0.00218	-0.240	-0.203				<i>SNTG1</i>	5'UTR
cg06708731	9	136,501,420	0.00143	-0.240	-0.156				<i>DBH</i>	TSS200
cg16735938	6	32,073,324	1.35E-05	-0.240	-0.234				<i>TNXB</i>	5'UTR
cg18866586	5	178,803,207	0.007317	-0.240	-0.190					
cg06427867	21	31,588,661	1.78E-06	-0.240	-0.245				<i>CLDN8</i>	TSS1500
cg00629088	17	39,506,964	1.4E-06	-0.240	-0.167				<i>KRT33A</i>	1stExon
cg08264124	X	63,006,802	0.019052	-0.240	-0.205				<i>MIR1468</i>	TSS1500



cg18268863	11	55,650,046	1.23E-05	-0.240	-0.210				<i>SPRYD5</i>	TSS1500
cg22952287	X	103,268,599	0.004682	-0.240	-0.217				<i>H2BFWT</i>	TSS1500
cg23126203	12	117,036,972	1.08E-08	-0.240	-0.219					
cg17170463	4	157,311,747	0.003966	-0.240	-0.202					
cg09340639	1	157,789,662	3.38E-17	-0.240	-0.245	0.00000012	-0.112		<i>FCRL1</i>	Body
cg23194364	11	7,870,558	0.002488	-0.240	-0.215				<i>OR5E1P</i>	TSS200
cg25472174	11	55,904,782	0.002524	-0.240	-0.189				<i>OR8J3</i>	1stExon
cg24597512	15	26,874,788	0.033091	-0.240	-0.333				<i>GABRB3</i>	Body
cg13212525	3	161,214,813	0.03153	-0.240	-0.238				<i>OTOL1</i>	1stExon
cg26420391	1	152,691,758	0.014047	-0.240	-0.158				<i>C1orf68</i>	TSS1500
cg26248646	12	34,501,300	0.000266	-0.240	-0.166					
cg01642901	4	170,190,012	0.019849	-0.240	-0.267				<i>SH3RF1</i>	Body
cg26593521	5	156,594,725	4.34E-05	-0.240	-0.238				<i>FAM71B</i>	TSS1500
cg05031448	5	173,764,100	0.015069	-0.240	-0.122					
cg12351073	3	89,312,020	0.008191	-0.240	-0.292				<i>EPHA3</i>	Body
cg16673052	13	54,883,769	0.000323	-0.240	-0.220					
cg03587235	6	136,682,949	0.00102	-0.240	-0.153				<i>MAP7</i>	Body
cg24883742	5	41,219,519	0.038863	-0.240	-0.265				<i>C6</i>	5'UTR
cg23206888	2	242,833,114	1.1E-05	-0.240	-0.223					
cg26959392	11	133,715,511	0.010903	-0.240	-0.160				<i>SPATA19</i>	TSS200
cg04643690	15	60,907,749	4.66E-05	-0.240	-0.236				<i>RORA</i>	Body
cg10451200	11	88,781,564	3.73E-06	-0.240	-0.173				<i>GRM5</i>	5'UTR
cg06485032	13	22,615,064	6.84E-05	-0.240	-0.178					
cg08346127	20	31,871,019	1.13E-05	-0.240	-0.218				<i>C20orf114</i>	1stExon
cg08291487	X	145,075,914	0.002469	-0.240	-0.246				<i>MIR890</i>	TSS200
cg01055386	12	128,900,228	0.041437	-0.240	-0.202				<i>TMEM132C</i>	Body
cg26116669	2	88,654,640	0.003962	-0.240	-0.210					
cg03481903	2	242,066,203	0.004874	-0.240	-0.096				<i>PASK</i>	Body
cg24035112	4	159,441,687	0.019279	-0.240	-0.225				<i>RXFP1</i>	TSS1500
cg01184591	7	57,249,065	8.15E-08	-0.240	-0.197				<i>LOC642006</i>	TSS1500
cg08254089	20	36,933,189	0.004762	-0.240	-0.142	5.86E-17	-0.171		<i>BPI</i>	Body
cg11559769	6	133,944,167	0.005017	-0.240	-0.173					
cg18369913	11	51,515,083	1.72E-05	-0.240	-0.229				<i>OR4C46</i>	TSS200
cg19589427	1	173,019,720	7.99E-09	-0.240	-0.264	2.01E-16	-0.155		<i>TNFSF18</i>	Body

cg02852025	7	50,348,174	0.013705	-0.240	-0.205				<i>IKZF1</i>	5'UTR
cg13987885	9	37,591,782	0.000187	-0.240	-0.215				<i>TOMM5</i>	Body
cg14040633	17	73,996,331	1.86E-05	-0.240	-0.230				<i>CDK3</i>	TSS1500
cg20271985	11	71,238,270	2.58E-06	-0.240	-0.213				<i>KRTAP5-7</i>	TSS200
cg06180910	22	24,382,663	0.005332	-0.240	-0.155				<i>GSTT1</i>	Body
cg16524240	15	93,316,187	0.028199	-0.240	-0.340					
cg24082215	17	56,297,515	4.28E-05	-0.240	-0.220				<i>MKS1</i>	TSS1500
cg24592194	2	125,410,491	8.61E-05	-0.240	-0.258				<i>CNTNAP5</i>	Body
cg18098498	4	173,589,088	0.011927	-0.240	-0.182				<i>GALNTL6</i>	Body
cg02306493	19	13,044,967	0.013439	-0.240	-0.310				<i>FARSA</i>	TSS1500
cg26068654	1	109,505,079	7.27E-09	-0.240	-0.204				<i>CLCC1</i>	5'UTR
cg02077688	12	127,257,703	0.001292	-0.240	-0.161					
cg02553039	22	49,563,521	0.003767	-0.240	-0.181					
cg26289291	13	30,028,229	4.62E-07	-0.240	-0.217				<i>MTUS2</i>	Body
cg24119990	3	187,386,810	0.000957	-0.240	-0.191				<i>SST</i>	3'UTR
cg13666232	2	229,048,814	6.61E-05	-0.240	-0.242					
cg26712821	3	15,244,698	1.29E-11	-0.240	-0.201				<i>DVWA</i>	Body
cg26258396	17	3,182,940	0.003801	-0.240	-0.130				<i>OR3A2</i>	TSS1500
cg27265778	1	158,116,650	0.008736	-0.240	-0.140					
cg25977492	6	29,365,261	0.044348	-0.240	-0.190			Yes	<i>OR12D2</i>	1stExon
cg13564460	6	72,301,257	8.76E-05	-0.240	-0.287					
cg22014430	1	24,077,973	7.6E-05	-0.240	-0.145				<i>TCEB3</i>	Body
cg02450563	1	54,839,981	0.000309	-0.240	-0.244				<i>SSBP3</i>	Body
cg04126957	1	1,479,238	1.49E-06	-0.240	-0.224				<i>SSU72</i>	Body
cg05681072	6	30,104,982	0.000124	-0.240	-0.184				<i>TRIM40</i>	1stExon
cg07456376	17	39,557,589	0.001258	-0.240	-0.179			Yes		
cg16011217	1	152,777,382	0.003001	-0.240	-0.197				<i>LCE1C</i>	3'UTR
cg00347856	7	53,879,253	0.021363	-0.240	-0.203					
cg10799386	10	108,332,882	0.030387	-0.241	-0.236					
cg19864539	22	25,747,688	2.81E-11	-0.241	-0.257				<i>LRP5L</i>	3'UTR
cg16680624	7	30,516,376	9.32E-08	-0.241	-0.256				<i>NOD1</i>	5'UTR
cg06753367	22	24,256,600	1.6E-05	-0.241	-0.242					
cg09135320	1	158,737,591	0.002274	-0.241	-0.185				<i>OR6N1</i>	TSS1500
cg21087481	8	13,947,812	0.007065	-0.241	-0.202				<i>SGCZ</i>	3'UTR

cg03884238	9	112,970,590	1.33E-05	-0.241	-0.224				<i>C9orf152</i>	TSS200
cg14869505	12	57,037,657	1.24E-05	-0.241	-0.243				<i>ATP5B</i>	Body
cg23015361	3	83,656,006	1.66E-06	-0.241	-0.227					
cg03926958	10	9,354,305	0.015959	-0.241	-0.152					
cg16797473	6	142,277,658	0.00085	-0.241	-0.189					
cg01749213	2	219,906,749	8.94E-05	-0.241	-0.226				<i>CCDC108</i>	TSS1500
cg06250841	8	58,138,048	1.02E-06	-0.241	-0.241					
cg08960663	7	63,893,895	1.08E-07	-0.241	-0.224				<i>LOC649395</i>	TSS200
cg12032650	7	73,864,404	6.86E-07	-0.241	-0.171					
cg16742703	19	51,357,857	1.87E-08	-0.241	-0.237	0.00078295	-0.084		<i>KLK3</i>	TSS1500
cg01977473	5	125,800,916	7.72E-06	-0.241	-0.254				<i>GRAMD3</i>	Body
cg12085265	1	2,014,628	0.001803	-0.241	-0.115				<i>PRKCZ</i>	Body
cg22174681	1	2,013,930	2.72E-06	-0.241	-0.231				<i>PRKCZ</i>	Body
cg00151048	1	102,098,127	0.000749	-0.241	-0.217					
cg04414849	11	44,159,002	4.91E-07	-0.241	-0.233				<i>EXT2</i>	Body
cg20000220	8	144,800,997	0.000165	-0.241	-0.242				<i>MAPK15</i>	Body
cg15726040	2	115,598,354	6.05E-05	-0.241	-0.240				<i>DPP10</i>	Body
cg25375916	3	155,570,275	0.000136	-0.241	-0.226				<i>SLC33A1</i>	Body
cg00460691	6	65,779,514	0.021276	-0.241	-0.184				<i>EYS</i>	Body
cg10503208	11	5,545,506	0.000172	-0.241	-0.246					
cg11035122	14	101,491,994	0.007132	-0.241	-0.220				<i>MIR758</i>	TSS1500
cg26287521	6	30,019,655	4.01E-06	-0.241	-0.242				<i>NCRNA00171</i>	Body
cg24995904	8	32,462,945	0.000427	-0.241	-0.206				<i>NRG1</i>	Body
cg23161733	10	108,385,382	0.049016	-0.241	-0.173				<i>SORCS1</i>	Body
cg15444478	12	130,494,697	0.000554	-0.241	-0.169					
cg26552743	11	58,826,414	9.72E-09	-0.241	-0.223					
cg01206349	22	49,762,220	0.028991	-0.241	-0.141					
cg08053115	Y	9,605,072	3.24E-05	-0.241	-0.235				<i>TTY1</i>	Body
cg20005760	15	44,830,861	5.76E-08	-0.241	-0.227				<i>EIF3J</i>	Body
cg00004105	10	100,022,608	2.41E-11	-0.241	-0.217				<i>LOXL4</i>	Body
cg14599380	4	17,310,680	3.31E-08	-0.241	-0.235					
cg05454961	16	62,745,680	0.001575	-0.241	-0.222					
cg26815032	6	55,956,315	1.36E-06	-0.241	-0.243				<i>COL21A1</i>	Body
cg24058145	6	29,523,592	0.002253	-0.241	-0.173				<i>UBD</i>	3'UTR

cg07433373	7	79,080,588	0.011073	-0.241	-0.208				<i>MAGI2</i>	Body
cg15841533	15	92,715,189	0.004645	-0.241	-0.202				<i>SLCO3A1</i>	3'UTR
cg21067632	3	71,258,221	0.000788	-0.241	-0.232				<i>FOXP1</i>	5'UTR
cg22538712	2	5,216,945	5.36E-08	-0.241	-0.196					
cg14786212	3	192,947,753	0.003435	-0.241	-0.159					
cg09557341	13	104,057,520	0.027748	-0.241	-0.182					
cg10024505	14	76,818,832	3.34E-06	-0.241	-0.207					
cg02035366	7	79,085,293	0.00263	-0.241	-0.223					
cg15963988	4	15,895,695	0.00047	-0.241	-0.187					
cg09322899	2	240,280,217	0.003561	-0.241	-0.221				<i>HDAC4</i>	5'UTR
cg22535084	7	1,426,162	0.000946	-0.241	-0.137					
cg26470501	19	45,252,955	1.21E-11	-0.241	-0.229				<i>BCL3</i>	Body
cg05852888	5	141,075,426	2.68E-15	-0.241	-0.224					
cg07557612	8	73,008,545	0.00082	-0.241	-0.250					
cg26380106	11	29,650,449	0.004801	-0.241	-0.236					
cg01522553	1	110,775,554	0.009164	-0.241	-0.068				<i>KCNC4</i>	Body
cg20416179	6	150,690,143	2.71E-09	-0.241	-0.209	6.38E-19	-0.140		<i>IYD</i>	5'UTR
cg09614626	21	22,175,001	0.030792	-0.241	-0.128				<i>C21orf131</i>	Body
cg16348715	10	26,763,087	4.39E-05	-0.241	-0.244				<i>APBB1IP</i>	5'UTR
cg19832898	10	71,010,742	4.18E-09	-0.241	-0.236				<i>HKDC1</i>	Body
cg01687402	17	48,620,661	5.23E-07	-0.241	-0.234				<i>EPN3</i>	3'UTR
cg27158462	15	26,873,818	0.041388	-0.241	-0.316				<i>GABRB3</i>	Body
cg02764898	X	16,966,893	7.15E-08	-0.241	-0.228				<i>REPS2</i>	Body
cg23552820	17	64,272,071	4.69E-07	-0.241	-0.171					
cg13419884	2	226,446,871	0.010267	-0.241	-0.114				<i>KIAA1486</i>	Body
cg10711871	3	13,860,812	0.00044	-0.241	-0.173				<i>WNT7A</i>	Body
cg22446206	1	185,743,787	0.018904	-0.241	-0.178				<i>HMCN1</i>	Body
cg16883726	8	50,729,333	0.002304	-0.241	-0.227					
cg06518781	19	22,703,283	0.018473	-0.241	-0.150					
cg07704181	12	120,975,110	2.91E-05	-0.241	-0.199				<i>RNF10</i>	Body
cg07994859	13	79,328,636	0.005713	-0.241	-0.260					
cg12646227	1	46,805,334	0.00093	-0.241	-0.293				<i>NSUN4</i>	TSS1500
cg13498184	X	144,337,589	8.13E-08	-0.241	-0.229				<i>SPANXN1</i>	3'UTR
cg16146353	2	115,199,477	3.39E-06	-0.241	-0.228				<i>DPP10</i>	TSS1500

cg24656207	11	36,030,086	0.006541	-0.241	-0.181				<i>LDLRAD3</i>	Body
cg08167466	13	48,073,444	0.001241	-0.241	-0.255					
cg18060081	4	173,630,259	0.015538	-0.241	-0.203				<i>GALNTL6</i>	Body
cg01072969	19	51,108,274	0.004204	-0.241	-0.175				<i>SNAR-F</i>	Body
cg01961387	6	32,944,195	5.81E-05	-0.241	-0.311				<i>BRD2</i>	Body
cg22083633	5	4,143,214	0.006471	-0.241	-0.206					
cg22585255	11	57,519,288	6.28E-10	-0.241	-0.203				<i>BTBD18</i>	TSS200
cg10500084	5	174,172,044	0.00353	-0.241	-0.163					
cg09185990	12	22,090,231	0.000386	-0.242	-0.151				<i>ABCC9</i>	TSS1500
cg20306025	7	57,207,952	0.003814	-0.242	-0.144				<i>ZNF479</i>	TSS1500
cg00377916	20	30,008,986	9.34E-09	-0.242	-0.184				<i>DEFB122</i>	TSS1500
cg07944396	16	7,382,514	0.00281	-0.242	-0.175				<i>A2BP1</i>	Body
cg13364756	7	99,425,193	2.89E-06	-0.242	-0.224			Yes	<i>CYP3A43</i>	TSS1500
cg24851859	5	27,532,684	0.033979	-0.242	-0.118					
cg02993944	11	132,831,381	0.016068	-0.242	-0.184				<i>OPCML</i>	Body
cg27628370	8	133,773,484	0.020461	-0.242	-0.182			Yes	<i>TMEM71</i>	TSS1500
cg02360367	1	2,180,027	0.000424	-0.242	-0.254				<i>SKI</i>	Body
cg04851314	17	51,900,106	0.006546	-0.242	-0.227				<i>KIF2B</i>	TSS200
cg17144184	8	143,221,499	0.005749	-0.242	-0.160					
cg11188837	X	103,268,309	0.031334	-0.242	-0.159				<i>H2BFWT</i>	TSS200
cg25724515	11	131,926,464	0.000724	-0.242	-0.258				<i>NTM</i>	Body
cg01131388	3	157,548,511	0.028511	-0.242	-0.240					
cg14106584	9	45,737,537	0.002123	-0.242	-0.193					
cg16040306	1	166,353,877	0.001103	-0.242	-0.217					
cg24884084	1	153,003,198	6.86E-09	-0.242	-0.213				<i>SPRR1B</i>	TSS1500
cg04923840	1	215,228,588	4.18E-09	-0.242	-0.252				<i>KCNK2</i>	Body
cg05400200	7	104,752,143	5.72E-08	-0.242	-0.251				<i>MLL5</i>	Body
cg21271420	6	164,527,436	0.00088	-0.242	-0.205					
cg11835619	12	56,475,064	4.57E-06	-0.242	-0.207				<i>ERBB3</i>	Body
cg22964621	14	47,859,275	0.030643	-0.242	-0.120				<i>MDGA2</i>	Body
cg12081643	13	110,802,645	1.96E-06	-0.242	-0.170				<i>COL4A1</i>	3'UTR
cg09161570	10	133,515,261	0.01948	-0.242	-0.115					
cg02989940	16	31,539,234	0.002207	-0.242	-0.221	9.06E-11	-0.178		<i>AHSP</i>	5'UTR
cg08145381	14	75,172,505	5.01E-05	-0.242	-0.257				<i>KIAA0317</i>	5'UTR

cg00920395	1	158,689,263	0.000214	-0.242	-0.223				<i>OR6K3</i>	TSS1500
cg04989070	1	151,962,816	4.22E-07	-0.242	-0.240				<i>S100A10</i>	5'UTR
cg05345996	10	133,508,028	0.018835	-0.242	-0.131					
cg10120807	16	69,350,190	5.74E-05	-0.242	-0.191				<i>VPS4A</i>	Body
cg20696451	10	14,881,628	1.69E-10	-0.242	-0.242				<i>HSPA14</i>	Body
cg26416241	11	131,557,414	0.018182	-0.242	-0.162				<i>NTM</i>	Body
cg04816803	10	44,426,803	0.001341	-0.242	-0.265					
cg27606618	3	61,826,848	3.53E-07	-0.242	-0.300				<i>PTPRG</i>	Body
cg11412468	2	84,433,405	0.00637	-0.242	-0.268					
cg09100014	16	85,937,496	0.040946	-0.242	-0.123				<i>IRF8</i>	Body
cg10677214	4	22,746,262	0.007869	-0.242	-0.159				<i>GBA3</i>	Body
cg13510813	19	42,571,339	0.002335	-0.242	-0.167				<i>GRIK5</i>	TSS1500
cg22355525	6	28,889,876	0.003054	-0.242	-0.137				<i>TRIM27</i>	Body
cg14445012	9	115,926,922	6.22E-10	-0.242	-0.228					
cg17493193	1	26,440,896	4.61E-05	-0.242	-0.160				<i>PDIK1L</i>	Body
cg00770443	12	108,611,845	0.00015	-0.242	-0.189				<i>WSCD2</i>	Body
cg04307587	19	44,104,283	5.13E-08	-0.242	-0.241				<i>ZNF576</i>	3'UTR
cg06521247	1	3,209,787	0.009381	-0.242	-0.144				<i>PRDM16</i>	Body
cg07599819	19	57,308,239	0.003766	-0.242	-0.232				<i>ZIM2</i>	Body
cg03131092	19	7,682,983	1.69E-10	-0.242	-0.220				<i>KIAA1543</i>	3'UTR
cg04995095	17	72,619,556	0.003576	-0.242	-0.149				<i>CD300E</i>	Body
cg23524184	17	48,129,754	4.7E-05	-0.242	-0.243					
cg06072769	10	50,146,962	0.029675	-0.242	-0.168				<i>WDFY4</i>	Body
cg11132921	8	66,560,891	6.49E-05	-0.242	-0.246				<i>MTFR1</i>	5'UTR
cg04637490	X	52,840,332	0.013165	-0.242	-0.171				<i>XAGE5</i>	TSS1500
cg21396956	18	56,340,167	0.004744	-0.242	-0.122				<i>MALT1</i>	Body
cg25483191	8	67,050,040	3.13E-07	-0.242	-0.249				<i>TRIM55</i>	Body
cg16668520	8	55,387,024	0.0004	-0.242	-0.245					
cg22720215	4	154,048,247	2.79E-07	-0.242	-0.239					
cg01889956	6	100,650,602	7.16E-13	-0.242	-0.229					
cg02693118	2	27,819,901	1.94E-11	-0.242	-0.229				<i>ZNF512</i>	Body
cg01695620	8	58,122,850	0.039418	-0.242	-0.166					
cg05240537	X	103,346,747	0.002733	-0.242	-0.120				<i>MIR1256</i>	TSS1500
cg04749323	16	18,039,447	0.006256	-0.242	-0.198					

cg25299371	2	226,264,545	0.01594	-0.242	-0.118				<i>KIAA1486</i>	TSS1500
cg11304383	12	7,818,635	3.9E-08	-0.242	-0.235				<i>APOBEC1</i>	TSS200
cg16291917	6	31,590,576	4.66E-10	-0.242	-0.228				<i>SNORA38</i>	TSS1500
cg27009703	7	27,204,894	0.04504	-0.242	-0.073				<i>HOXA9</i>	1stExon
cg11639984	10	125,617,197	0.001355	-0.242	-0.195				<i>CPXM2</i>	Body
cg22039724	4	75,400,046	7.78E-11	-0.242	-0.241					
cg10678215	5	143,191,565	0.002804	-0.242	-0.152				<i>HMHB1</i>	TSS200
cg26589753	16	86,932,968	0.029761	-0.242	-0.111					
cg08426157	7	18,794,174	2.02E-08	-0.242	-0.197				<i>HDAC9</i>	Body
cg03804500	9	140,081,972	0.000325	-0.242	-0.285	5.76E-30	-0.202		<i>ANAPC2</i>	Body
cg22226131	1	3,496,027	0.000152	-0.242	-0.206				<i>MEGF6</i>	Body
cg24734347	22	49,564,133	0.018923	-0.242	-0.097					
cg02725485	X	30,577,300	0.003813	-0.242	-0.162				<i>CXorf21</i>	3'UTR
cg04285194	2	187,867,339	0.000367	-0.242	-0.218					
cg24478733	11	90,264,861	2.02E-05	-0.242	-0.214					
cg01097011	20	46,987,304	0.039685	-0.242	-0.260				<i>LOC284749</i>	TSS1500
cg14039479	10	125,454,278	0.00132	-0.243	-0.216				<i>GPR26</i>	3'UTR
cg20749510	20	62,374,070	0.005129	-0.243	-0.187				<i>SLC2A4RG</i>	Body
cg25982561	11	22,696,308	1.01E-06	-0.243	-0.230				<i>GAS2</i>	5'UTR
cg06172859	6	117,866,589	2.78E-05	-0.243	-0.162				<i>DCBLD1</i>	Body
cg24230893	11	108,918,285	0.002104	-0.243	-0.181					
cg05788138	11	55,577,775	1.05E-08	-0.243	-0.220				<i>OR5L1</i>	TSS1500
cg22143971	4	105,472,236	0.004589	-0.243	-0.213					
cg12806853	20	6,193,532	8.7E-05	-0.243	-0.171					
cg06378434	10	26,729,179	4.85E-05	-0.243	-0.204				<i>APBB1IP</i>	5'UTR
cg22946774	11	26,581,996	0.021825	-0.243	-0.144				<i>MUC15</i>	3'UTR
cg04771729	X	130,929,851	1.58E-06	-0.243	-0.240				<i>LOC286467</i>	Body
cg05758139	1	215,169,182	0.032386	-0.243	-0.215					
cg21704166	6	155,717,789	0.014008	-0.243	-0.166				<i>NOX3</i>	3'UTR
cg27090087	6	54,172,378	2.04E-14	-0.243	-0.236				<i>TINAG</i>	TSS1500
cg02100381	13	111,025,711	0.004505	-0.243	-0.133				<i>COL4A2</i>	Body
cg02637414	19	13,613,091	0.000253	-0.243	-0.194				<i>CACNA1A</i>	Body
cg10832107	1	67,924,892	3.89E-07	-0.243	-0.209					
cg01284289	12	66,025,635	1.84E-08	-0.243	-0.232					

cg17581200	17	80,040,464	0.001121	-0.243	-0.148				<i>FASN</i>	Body
cg17520215	12	100,967,016	2.19E-09	-0.243	-0.210				<i>GAS2L3</i>	TSS1500
cg22527898	10	95,557,610	0.000005	-0.243	-0.246				<i>LGI1</i>	3'UTR
cg24685775	19	48,771,567	4.13E-06	-0.243	-0.196					
cg02677035	11	128,592,094	0.034831	-0.243	-0.170				<i>FLI1</i>	Body
cg05489252	3	183,109,869	1.79E-06	-0.243	-0.231				<i>MCF2L2</i>	Body
cg00905417	8	133,141,673	0.020041	-0.243	-0.187				<i>KCNQ3</i>	Body
cg22063692	18	73,966,627	0.012049	-0.243	-0.146					
cg23159678	14	27,063,169	0.039401	-0.243	-0.059				<i>NOVA1</i>	Body
cg26963545	17	7,219,319	4.05E-07	-0.243	-0.222				<i>NEURL4</i>	3'UTR
cg11460364	2	162,931,397	5.23E-10	-0.243	-0.211	1.77E-09	-0.100		<i>DPP4</i>	TSS1500
cg22683657	5	12,663,018	0.000209	-0.243	-0.196					
cg14659547	3	108,476,126	3.48E-05	-0.243	-0.186	1.5E-13	-0.191		<i>RETNLB</i>	5'UTR
cg16862361	2	31,637,622	1.56E-07	-0.243	-0.238	0.00043055	-0.079		<i>XDH</i>	TSS200
cg25487405	22	46,473,039	3.05E-13	-0.243	-0.209					
cg00020799	12	94,565,092	6.75E-06	-0.243	-0.244				<i>PLXNC1</i>	Body
cg09177473	X	103,264,980	0.003037	-0.243	-0.241				<i>MIR1256</i>	Body
cg25780632	20	52,687,924	4.75E-07	-0.243	-0.220				<i>BCAS1</i>	TSS1500
cg14896003	11	562,366	0.000278	-0.243	-0.207	3.99E-21	-0.150		<i>RASSF7</i>	Body
cg17715482	19	3,979,910	7.81E-08	-0.243	-0.205				<i>EEF2</i>	Body
cg25546118	19	43,257,346	0.000986	-0.243	-0.240				<i>PSG8</i>	3'UTR
cg01819142	8	139,064,307	0.000137	-0.243	-0.205					
cg09438605	15	80,757,169	1.22E-08	-0.243	-0.277				<i>ARNT2</i>	Body
cg08375941	3	98,250,382	1.54E-06	-0.243	-0.185	3.79E-10	-0.104		<i>GPR15</i>	TSS1500
cg20691502	1	185,688,754	4.53E-05	-0.243	-0.198					
cg00691081	16	6,379,449	0.005965	-0.243	-0.172				<i>A2BP1</i>	5'UTR
cg17777531	8	88,885,043	0.043413	-0.243	-0.181				<i>DCAF4L2</i>	1stExon
cg24035745	1	11,702,744	6.59E-15	-0.243	-0.234					
cg03311252	11	67,209,355	1.64E-05	-0.243	-0.194				<i>CORO1B</i>	Body
cg05796128	4	38,100,918	4.66E-08	-0.243	-0.210				<i>TBC1D1</i>	Body
cg10168086	16	26,499,966	0.043048	-0.243	-0.261					
cg14471191	10	117,818,509	0.000299	-0.243	-0.203				<i>GFRA1</i>	3'UTR
cg23639120	8	55,243,106	0.000794	-0.243	-0.212					
cg01405242	8	131,705,773	0.00439	-0.243	-0.261					



cg22978384	3	35,785,107	0.000913	-0.243	-0.216				<i>MIR128-2</i>	TSS1500
cg23883874	8	10,405,415	4.48E-06	-0.243	-0.232					
cg01651688	8	73,066,751	0.003563	-0.243	-0.186					
cg03535099	17	80,847,270	3.39E-05	-0.243	-0.247				<i>TBCD</i>	Body
cg10458446	2	238,500,325	4.03E-09	-0.243	-0.203				<i>RAB17</i>	TSS1500
cg22506801	4	94,304,388	0.025949	-0.243	-0.132				<i>GRID2</i>	Body
cg04892758	16	7,358,470	6.69E-05	-0.243	-0.236				<i>A2BP1</i>	Body
cg16178743	6	131,895,275	9.39E-07	-0.243	-0.247				<i>ARG1</i>	Body
cg18055557	6	32,073,358	2.82E-11	-0.243	-0.230				<i>TNXB</i>	5'UTR
cg25100880	11	5,878,019	0.000501	-0.243	-0.235				<i>OR52E8</i>	1stExon
cg07041214	11	5,968,801	0.025118	-0.243	-0.161				<i>OR56A3</i>	1stExon
cg16577588	1	158,079,311	0.021305	-0.243	-0.159					
cg09623623	11	44,862,793	0.001815	-0.243	-0.209				<i>TSPAN18</i>	5'UTR
cg12548176	12	55,640,113	0.004658	-0.243	-0.182				<i>OR6C74</i>	TSS1500
cg21027599	6	159,639,549	0.034608	-0.243	-0.149				<i>FNDC1</i>	Body
cg08311085	7	53,879,422	0.016776	-0.243	-0.178					
cg27578754	7	11,012,967	9.44E-07	-0.243	-0.238				<i>PHF14</i>	TSS1500
cg15197893	1	151,416,412	2.54E-13	-0.243	-0.230				<i>POGZ</i>	5'UTR
cg17489748	10	117,887,197	2.18E-06	-0.243	-0.216				<i>GFRA1</i>	Body
cg21057473	11	5,346,163	0.000623	-0.243	-0.238				<i>OR51B2</i>	TSS1500
cg02390084	12	28,658,805	2.1E-06	-0.243	-0.224				<i>CCDC91</i>	Body
cg05864011	7	56,419,094	0.000138	-0.243	-0.238					
cg24174996	11	124,295,015	0.037461	-0.243	-0.240				<i>OR8B4</i>	TSS1500
cg16570669	11	126,923,106	0.011565	-0.243	-0.321					
cg06283052	10	44,774,998	0.018645	-0.243	-0.220					
cg09950423	16	49,856,768	0.010218	-0.243	-0.162				<i>ZNF423</i>	5'UTR
cg00468228	8	67,092,562	4.22E-07	-0.243	-0.226					
cg26064142	5	152,867,989	1.25E-06	-0.243	-0.236					
cg13928909	9	140,487,898	5.16E-11	-0.243	-0.240					
cg21038780	5	167,780,864	1.41E-07	-0.243	-0.231				<i>WWC1</i>	Body
cg07849052	7	50,445,456	0.021651	-0.243	-0.234				<i>IKZF1</i>	Body
cg15595739	17	63,183,451	3.05E-06	-0.243	-0.192				<i>RGS9</i>	Body
cg21810379	4	114,168,914	0.035705	-0.244	-0.079				<i>ANK2</i>	Body
cg21997746	6	22,718,216	6.03E-10	-0.244	-0.216					

cg26035689	8	63,582,931	0.010528	-0.244	-0.257				<i>NKAIN3</i>	Body
cg26746469	20	36,663,290	1.97E-05	-0.244	-0.263				<i>KIAA0406</i>	TSS1500
cg27461824	13	111,596,806	6.52E-05	-0.244	-0.155					
cg16339097	3	82,293,457	0.005324	-0.244	-0.229					
cg19371339	1	152,657,198	0.00153	-0.244	-0.251				<i>LCE2B</i>	TSS1500
cg24277788	4	185,724,837	0.032957	-0.244	-0.211				<i>ACSL1</i>	5'UTR
cg25581330	4	186,434,993	4.19E-12	-0.244	-0.265				<i>PDLIM3</i>	Body
cg03685774	1	159,870,326	1.55E-07	-0.244	-0.244				<i>CCDC19</i>	TSS1500
cg21900069	3	99,408,767	0.001568	-0.244	-0.217				<i>COL8A1</i>	5'UTR
cg01833755	14	89,889,372	9.01E-07	-0.244	-0.234				<i>FOXN3</i>	5'UTR
cg02212575	3	156,838,403	2.02E-09	-0.244	-0.250					
cg05157420	5	111,690,150	0.0001	-0.244	-0.177				<i>EPB41L4A</i>	Body
cg02068832	12	1,976,671	0.000651	-0.244	-0.189				<i>CACNA2D4</i>	Body
cg05067377	16	88,330,953	0.000954	-0.244	-0.154					
cg10473367	16	1,309,550	6.31E-16	-0.244	-0.237					
cg00624908	1	3,327,395	2.47E-10	-0.244	-0.240				<i>PRDM16</i>	Body
cg02969500	14	33,767,024	0.009328	-0.244	-0.228				<i>NPAS3</i>	Body
cg20311730	11	7,985,183	0.002978	-0.244	-0.228	3.45E-16	-0.195		<i>NLRP10</i>	TSS200
cg25943276	11	131,533,284	0.004397	-0.244	-0.148	0.00000799	-0.110		<i>NTM</i>	Body
cg06373377	1	43,825,745	0.000117	-0.244	-0.169				<i>CDC20</i>	Body
cg25141766	17	79,826,316	3.74E-11	-0.244	-0.225				<i>ARHGDI1</i>	3'UTR
cg17736819	6	133,783,020	0.012907	-0.244	-0.184				<i>EYA4</i>	Body
cg07790170	4	111,537,570	0.014551	-0.244	-0.126					
cg14712983	1	12,184,541	5.26E-05	-0.244	-0.283				<i>TNFRSF8</i>	Body
cg03299824	16	17,647,941	0.001201	-0.244	-0.171					
cg09833701	11	1,959,051	0.000297	-0.244	-0.165				<i>TNNT3</i>	Body
cg10782703	6	133,851,542	0.005138	-0.244	-0.223				<i>EYA4</i>	3'UTR
cg05316911	7	3,816,859	1.35E-07	-0.244	-0.245				<i>SDK1</i>	Body
cg26446816	2	236,640,324	2.09E-06	-0.244	-0.182				<i>AGAP1</i>	Body
cg08525712	16	30,413,324	4.75E-11	-0.244	-0.250					
cg09819958	17	80,043,505	0.002029	-0.244	-0.162				<i>FASN</i>	Body
cg20556704	2	84,105,889	0.047471	-0.244	-0.144					
cg09730689	4	122,184,241	0.00755	-0.244	-0.250					
cg19377421	1	156,697,041	1.53E-05	-0.244	-0.206				<i>ISG20L2</i>	1stExon

cg11435943	18	61,222,687	0.019486	-0.244	-0.185				<i>SERPINB12</i>	TSS1500
cg17015522	17	77,044,488	0.009766	-0.244	-0.144				<i>C1QTNF1</i>	3'UTR
cg26842720	8	62,212,734	0.001321	-0.244	-0.227				<i>CLVS1</i>	Body
cg16081499	12	129,000,862	0.00274	-0.244	-0.206				<i>TMEM132C</i>	Body
cg06479057	3	112,358,468	0.005442	-0.244	-0.167				<i>CCDC80</i>	Body
cg26811568	11	50,005,399	3.4E-05	-0.244	-0.227				<i>OR4C12</i>	TSS1500
cg13629783	17	5,689,617	0.000959	-0.244	-0.178					
cg24998981	18	77,441,810	3.69E-07	-0.244	-0.222				<i>CTDP1</i>	Body
cg03609427	7	48,068,758	0.016946	-0.244	-0.182				<i>SUNC1</i>	TSS200
cg24838240	19	14,721,367	0.010776	-0.244	-0.140				<i>CLEC17A</i>	3'UTR
cg04895001	11	6,805,701	0.000127	-0.244	-0.263				<i>OR2AG1</i>	TSS1500
cg26137121	8	145,578,601	9.23E-08	-0.244	-0.227				<i>C8ORFK29</i>	TSS200
cg26939283	1	152,731,117	0.01183	-0.244	-0.195				<i>KPRP</i>	5'UTR
cg02650512	17	27,048,975	5.55E-12	-0.244	-0.236				<i>RPL23A</i>	Body
cg11154727	5	85,189,638	0.001268	-0.244	-0.175					
cg17707493	17	42,222,405	2.69E-06	-0.244	-0.226				<i>C17orf53</i>	Body
cg06738652	12	5,256,318	0.003926	-0.244	-0.137					
cg12094863	6	164,092,588	0.002078	-0.244	-0.138					
cg06873461	2	115,822,184	7.7E-05	-0.244	-0.200				<i>DPP10</i>	Body
cg25249728	2	55,391,421	2.33E-08	-0.244	-0.249					
cg04556550	7	72,982,668	0.000163	-0.244	-0.228					
cg12542670	6	150,379,047	0.001013	-0.244	-0.191					
cg13267619	3	36,812,001	0.011678	-0.244	-0.196					
cg13757194	15	69,223,774	0.000127	-0.244	-0.258				<i>MIR548H4</i>	Body
cg22730004	1	158,656,718	3.46E-10	-0.245	-0.255	0.00000237	-0.138		<i>SPTA1</i>	TSS1500
cg05702234	11	5,527,468	0.009778	-0.245	-0.220					
cg06063171	11	190,242	6.56E-13	-0.245	-0.227					
cg09583036	11	87,846,644	0.000158	-0.245	-0.185				<i>RAB38</i>	3'UTR
cg15602298	1	157,670,825	0.005528	-0.245	-0.295				<i>FCRL3</i>	TSS200
cg06294384	16	18,057,597	0.022172	-0.245	-0.192					
cg17499358	1	24,476,861	1.96E-14	-0.245	-0.224					
cg02986924	2	55,200,201	6.66E-11	-0.245	-0.243				<i>RTN4</i>	3'UTR
cg06780861	14	83,683,592	0.001134	-0.245	-0.258					
cg10419295	7	1,303,448	5.45E-05	-0.245	-0.248					

cg00653041	7	122,524,465	9.01E-08	-0.245	-0.243				<i>CADPS2</i>	Body
cg08650784	1	35,250,229	3.32E-07	-0.245	-0.228				<i>GJB3</i>	5'UTR
cg20068510	15	95,397,535	0.023061	-0.245	-0.199					
cg17373022	10	54,539,758	2.3E-08	-0.245	-0.230					
cg09522018	6	139,644,871	5.08E-09	-0.245	-0.252					
cg00454447	16	3,728,185	0.003298	-0.245	-0.133				<i>TRAP1</i>	Body
cg02476374	16	1,204,932	0.044755	-0.245	-0.271				<i>CACNA1H</i>	Body
cg18553840	22	39,713,018	1.99E-08	-0.245	-0.233				<i>RPL3</i>	Body
cg02796568	6	152,784,396	0.000281	-0.245	-0.190				<i>SYNE1</i>	Body
cg06241374	2	56,410,071	0.000791	-0.245	-0.242				<i>CCDC85A</i>	TSS1500
cg24778538	12	14,131,975	0.01026	-0.245	-0.271				<i>GRIN2B</i>	5'UTR
cg26251098	11	131,319,616	0.008684	-0.245	-0.271				<i>NTM</i>	Body
cg12447398	7	2,944,127	3.22E-05	-0.245	-0.218					
cg02721374	17	2,996,177	0.003679	-0.245	-0.171	0.00085345	-0.093		<i>OR1D2</i>	1stExon
cg15624274	7	46,754,068	2.78E-06	-0.245	-0.161					
cg11067224	1	152,780,139	0.000154	-0.245	-0.184				<i>LCE1C</i>	TSS1500
cg22634633	7	48,044,273	3.81E-07	-0.245	-0.229				<i>SUNC1</i>	Body
cg17609294	17	6,327,601	0.016183	-0.245	-0.124				<i>AIPL1</i>	3'UTR
cg06382546	2	141,039,361	0.003469	-0.245	-0.254				<i>LRP1B</i>	Body
cg16432125	14	87,542,031	2.64E-05	-0.245	-0.250					
cg20057103	11	121,740,719	0.036929	-0.245	-0.196					
cg01962826	6	34,100,967	0.001036	-0.245	-0.180				<i>GRM4</i>	1stExon
cg11800379	1	10,715,885	0.007426	-0.245	-0.133				<i>CASZ1</i>	Body
cg15108326	12	133,381,454	0.01895	-0.245	-0.225				<i>GOLGA3</i>	Body
cg01612158	1	157,567,720	2.49E-05	-0.245	-0.251	7.5E-08	-0.137		<i>FCRL4</i>	1stExon
cg23547411	12	84,990,914	0.001152	-0.245	-0.201					
cg08812937	X	152,159,208	0.006776	-0.245	-0.116				<i>PNMA5</i>	Body
cg00380428	17	77,463,587	0.009051	-0.245	-0.151				<i>HRNBP3</i>	5'UTR
cg01457572	8	72,456,434	0.011992	-0.245	-0.193					
cg07532183	8	120,684,968	0.003272	-0.245	-0.233					
cg03114253	1	158,122,905	0.007551	-0.245	-0.206					
cg03450107	1	41,980,863	0.00051	-0.245	-0.315				<i>HIVEP3</i>	Body
cg12725323	1	152,768,727	0.016032	-0.245	-0.178				<i>LCE1D</i>	TSS1500
cg01236166	16	59,390,195	0.000545	-0.245	-0.248			Yes		

cg10057614	16	56,841,060	2.97E-05	-0.245	-0.202				<i>NUP93</i>	Body
cg03226435	1	3,058,199	0.003735	-0.245	-0.134				<i>PRDM16</i>	Body
cg27475365	6	125,476,259	3.23E-09	-0.245	-0.234				<i>TPD52L1</i>	5'UTR
cg01357233	10	50,123,030	0.029147	-0.245	-0.141				<i>LRRC18</i>	TSS1500
cg04418162	3	125,687,269	1.5E-07	-0.245	-0.240				<i>ROPN1B</i>	TSS1500
cg00727777	8	2,337,813	0.019517	-0.245	-0.173					
cg27227663	11	123,626,544	0.00087	-0.245	-0.221				<i>OR6X1</i>	TSS1500
cg13027458	16	59,789,219	3.34E-07	-0.245	-0.210				<i>LOC644649</i>	TSS200
cg25188760	20	5,301,547	0.000543	-0.245	-0.225					
cg06888270	1	238,053,972	0.014346	-0.245	-0.264				<i>ZP4</i>	TSS200
cg09057080	16	837,441	5.43E-09	-0.245	-0.204				<i>RPUSD1</i>	Body
cg18499396	3	191,680,064	0.009077	-0.245	-0.188					
cg10026158	7	148,891,888	0.000783	-0.245	-0.210				<i>ZNF282</i>	TSS1500
cg18710298	4	111,012,198	6.34E-10	-0.245	-0.259				<i>ELOVL6</i>	Body
cg03398474	4	190,501,057	8.78E-06	-0.245	-0.219					
cg15861835	X	76,649,101	0.000112	-0.245	-0.226					
cg19296305	4	109,030,040	1.15E-05	-0.245	-0.279				<i>LEF1</i>	Body
cg04983349	6	80,381,447	2.15E-07	-0.245	-0.282				<i>SH3BGRL2</i>	Body
cg09367092	22	43,254,168	3.47E-05	-0.245	-0.193				<i>ARFGAP3</i>	TSS1500
cg23918388	1	207,991,593	5.43E-07	-0.245	-0.194				<i>LOC148696</i>	TSS200
cg01554149	16	86,285,923	0.011495	-0.245	-0.172					
cg23609450	20	44,313,578	0.00667	-0.245	-0.149				<i>WFDC10B</i>	Body
cg13624964	14	86,088,696	0.002519	-0.245	-0.154				<i>FLRT2</i>	Body
cg15301694	14	31,496,854	1E-09	-0.246	-0.269				<i>STRN3</i>	TSS1500
cg02314201	10	134,843,775	0.000629	-0.246	-0.199					
cg26587228	19	57,641,846	0.000361	-0.246	-0.232				<i>USP29</i>	Body
cg02010152	6	32,782,617	3.66E-05	-0.246	-0.176				<i>HLA-DOB</i>	Body
cg10328538	10	9,445,611	0.007079	-0.246	-0.175					
cg06829391	16	9,857,151	0.003488	-0.246	-0.203				<i>GRIN2A</i>	Body
cg23287952	11	40,436,677	0.000398	-0.246	-0.204					
cg12497304	X	78,002,454	0.001155	-0.246	-0.208				<i>LPAR4</i>	TSS1500
cg03804126	16	5,880,449	2.6E-07	-0.246	-0.221					
cg15644639	8	125,538,941	8.45E-07	-0.246	-0.227				<i>TATDN1</i>	Body
cg04640834	12	49,261,012	9.45E-09	-0.246	-0.231				<i>RND1</i>	TSS1500

cg03718883	11	2,098,414	3.42E-07	-0.246	-0.226					
cg09679746	16	61,960,656	0.004949	-0.246	-0.168				<i>CDH8</i>	Body
cg05626376	6	31,938,847	3.76E-08	-0.246	-0.228				<i>STK19</i>	TSS200
cg04554505	11	101,323,578	0.003397	-0.246	-0.255				<i>TRPC6</i>	3'UTR
cg27070902	11	44,750,083	7.94E-05	-0.246	-0.260					
cg23350273	3	97,982,397	2.93E-08	-0.246	-0.235				<i>OR5H6</i>	TSS1500
cg25541968	11	7,848,142	4.44E-05	-0.246	-0.202				<i>OR5P3</i>	TSS1500
cg14833626	4	54,667,491	3.25E-07	-0.246	-0.240					
cg09297225	4	56,656,788	0.011844	-0.246	-0.181					
cg14652646	4	16,847,844	0.007875	-0.246	-0.179				<i>LDB2</i>	Body
cg19652416	10	134,697,862	0.000113	-0.246	-0.155					
cg00791406	12	14,118,880	0.001268	-0.246	-0.277				<i>GRIN2B</i>	5'UTR
cg11416605	X	63,267,928	0.025607	-0.246	-0.179					
cg02383368	19	7,684,468	6.13E-06	-0.246	-0.232				<i>XAB2</i>	3'UTR
cg16643706	5	111,289,503	0.002475	-0.246	-0.267				<i>C5orf13</i>	Body
cg20981106	8	107,139,751	0.00152	-0.246	-0.214					
cg16357179	7	56,562,731	0.016695	-0.246	-0.118				<i>DKFZp434L192</i>	TSS1500
cg04142010	11	103,905,296	0.009265	-0.246	-0.204				<i>PDGFD</i>	Body
cg07387335	15	34,781,891	0.00011	-0.246	-0.172					
cg04845236	9	104,294,981	3.68E-07	-0.246	-0.185				<i>RNF20</i>	TSS1500
cg17946714	21	37,536,083	3.15E-07	-0.246	-0.238				<i>DOPEY2</i>	TSS1500
cg12827946	3	66,513,559	2.85E-05	-0.246	-0.274				<i>LRIG1</i>	Body
cg08170608	16	32,037,687	0.010195	-0.246	-0.173					
cg21369801	17	80,202,961	0.010141	-0.246	-0.199				<i>CSNK1D</i>	Body
cg04757081	10	65,424,432	0.027055	-0.246	-0.429					
cg08382963	6	164,345,307	0.015	-0.246	-0.238					
cg15844441	17	51,902,426	1.7E-05	-0.246	-0.229				<i>KIF2B</i>	1stExon
cg05119754	15	69,853,722	1.26E-05	-0.246	-0.245			Yes	<i>LOC145837</i>	TSS1500
cg06405820	16	86,951,397	0.006381	-0.246	-0.170					
cg08080489	11	132,526,947	0.013638	-0.246	-0.293				<i>OPCML</i>	Body
cg22668995	3	168,558,640	0.018294	-0.246	-0.177					
cg26559703	10	26,853,625	0.012471	-0.246	-0.136				<i>APBB1IP</i>	Body
cg18594701	11	55,111,658	3.52E-05	-0.246	-0.227				<i>OR4A16</i>	1stExon
cg27143703	17	77,961,719	2.41E-07	-0.246	-0.259				<i>TBC1D16</i>	Body

cg19419054	6	39,779,548	0.014257	-0.246	-0.150				<i>DAAM2</i>	5'UTR
cg12469902	5	4,230,546	0.02002	-0.246	-0.172					
cg22227747	8	47,165,466	0.004569	-0.246	-0.133					
cg08441248	7	48,495,215	0.006654	-0.246	-0.173				<i>ABCA13</i>	Body
cg11493661	6	32,016,239	0.030836	-0.246	-0.065				<i>TNXB</i>	Body
cg22188815	18	67,137,030	0.031105	-0.246	-0.168				<i>DOK6</i>	Body
cg07195224	1	159,047,034	2.08E-05	-0.246	-0.260				<i>AIM2</i>	TSS1500
cg10991752	6	155,845,314	0.000765	-0.246	-0.205					
cg00813765	X	134,846,987	2.54E-06	-0.246	-0.203				<i>CT45A1</i>	TSS200
cg00692892	X	150,861,833	0.034122	-0.246	-0.135					
cg07717083	6	32,051,857	0.000457	-0.246	-0.170				<i>TNXB</i>	Body
cg27527345	1	159,505,015	0.010383	-0.246	-0.182				<i>OR10J5</i>	1stExon
cg17958291	7	121,519,375	1.17E-13	-0.246	-0.253				<i>PTPRZ1</i>	Body
cg01892695	X	99,893,802	2.56E-05	-0.246	-0.240					
cg01550013	5	152,234,077	0.006124	-0.246	-0.173					
cg22495211	7	56,514,965	7.24E-06	-0.246	-0.254				<i>LOC650226</i>	Body
cg00542261	10	71,121,415	8.46E-05	-0.246	-0.238				<i>HK1</i>	Body
cg25549758	X	70,435,082	4.53E-07	-0.246	-0.231				<i>BCYRN1</i>	Body
cg16088380	13	114,750,991	1.91E-05	-0.246	-0.259				<i>RASA3</i>	Body
cg21543102	1	152,974,771	0.039834	-0.246	-0.168				<i>SPRR3</i>	5'UTR
cg00733567	10	133,663,272	0.000105	-0.246	-0.160					
cg03066050	9	110,249,749	0.017476	-0.246	-0.145				<i>KLF4</i>	Body
cg06955716	14	69,867,830	1.88E-06	-0.246	-0.206				<i>SLC39A9</i>	Body
cg26959384	19	57,272,621	0.003688	-0.246	-0.182					
cg13525397	6	31,025,933	2.84E-05	-0.246	-0.166				<i>HCG22</i>	Body
cg16465407	7	9,673,790	0.030464	-0.247	-0.225				<i>PER4</i>	TSS200
cg26283136	X	150,944,987	0.002033	-0.247	-0.226					
cg01055462	12	21,590,246	3.76E-05	-0.247	-0.200				<i>PYROXD1</i>	TSS1500
cg14758163	5	84,943,636	0.000467	-0.247	-0.209					
cg10976626	1	158,322,841	0.020675	-0.247	-0.146				<i>CD1E</i>	TSS1500
cg13191008	11	4,629,912	1.11E-05	-0.247	-0.239				<i>TRIM68</i>	TSS1500
cg23818921	4	76,871,621	1.84E-08	-0.247	-0.246				<i>SDAD1</i>	3'UTR
cg26432459	5	172,279,819	2.32E-06	-0.247	-0.238				<i>ERGIC1</i>	Body
cg09932955	12	131,184,892	0.045628	-0.247	-0.134					

cg15963070	2	80,341,377	0.000306	-0.247	-0.224				<i>CTNNA2</i>	Body
cg04505023	1	152,956,186	0.010042	-0.247	-0.174	0.0036949	-0.062		<i>SPRR1A</i>	TSS1500
cg06417385	10	11,847,111	0.000561	-0.247	-0.208					
cg13195526	12	68,647,498	1.54E-07	-0.247	-0.215				<i>IL22</i>	TSS1500
cg16123421	10	134,473,552	0.037457	-0.247	-0.243				<i>INPP5A</i>	Body
cg20611453	10	26,877,515	0.005883	-0.247	-0.162				<i>C10orf50</i>	TSS1500
cg21109025	17	32,580,869	0.012309	-0.247	-0.182	6.49E-10	-0.157		<i>CCL2</i>	TSS1500
cg25157408	20	7,921,059	0.000224	-0.247	-0.202	7.57E-07	-0.154		<i>HAO1</i>	1stExon
cg18321073	5	12,795,705	0.006557	-0.247	-0.190					
cg25525825	6	28,889,919	7.34E-05	-0.247	-0.164				<i>TRIM27</i>	Body
cg03129645	7	141,947,898	0.029907	-0.247	-0.257				<i>MOXD2</i>	TSS1500
cg00051662	10	96,521,086	0.001141	-0.247	-0.283				<i>CYP2C19</i>	TSS1500
cg02930348	20	59,968,939	0.026667	-0.247	-0.067				<i>CDH4</i>	Body
cg05663891	19	22,233,809	0.031722	-0.247	-0.130				<i>ZNF257</i>	TSS1500
cg11504078	1	240,761,363	2.82E-10	-0.247	-0.227				<i>GREM2</i>	5'UTR
cg07045460	1	3,194,247	0.003833	-0.247	-0.125				<i>PRDM16</i>	Body
cg11472951	8	112,347,457	0.002159	-0.247	-0.207					
cg14768519	17	79,870,056	0.000429	-0.247	-0.159				<i>SIRT7</i>	3'UTR
cg15102821	1	1,844,801	4.79E-07	-0.247	-0.218				<i>CALML6</i>	TSS1500
cg04157194	17	21,832,408	0.040059	-0.247	-0.131					
cg26959913	11	88,073,722	6.15E-05	-0.247	-0.249					
cg20555040	5	110,404,682	0.000735	-0.247	-0.206					
cg26245202	1	205,602,864	0.00035	-0.247	-0.163	4.28E-07	-0.097		<i>ELK4</i>	TSS1500
cg03670736	12	13,748,224	0.004951	-0.247	-0.305				<i>GRIN2B</i>	Body
cg06331700	13	22,661,121	0.023687	-0.247	-0.238					
cg13474262	1	5,137,221	0.020092	-0.247	-0.119					
cg11344572	1	10,702,712	0.0124	-0.247	-0.152				<i>CASZ1</i>	Body
cg07687131	12	93,967,580	0.000199	-0.247	-0.153				<i>SOCS2</i>	Body
cg05321594	8	330,175	1.14E-09	-0.247	-0.263					
cg19274341	1	8,143,891	0.000319	-0.247	-0.249					
cg15735954	19	54,972,723	4.05E-07	-0.247	-0.213				<i>LENG8</i>	3'UTR
cg07479492	16	10,483,353	0.002628	-0.247	-0.340					
cg05852824	15	26,543,817	4.47E-06	-0.247	-0.236					
cg08641706	2	105,069,200	0.004287	-0.247	-0.200				<i>LOC150568</i>	Body



cg19615295	20	58,570,200	0.001045	-0.247	-0.255				<i>CDH26</i>	Body
cg24694502	1	4,736,187	0.0185	-0.247	-0.110				<i>AJAP1</i>	Body
cg15618210	11	132,816,803	0.043647	-0.247	-0.313				<i>OPCML</i>	Body
cg06481517	2	49,084,769	3.82E-05	-0.247	-0.265					
cg13508949	4	166,131,313	6.76E-06	-0.247	-0.246				<i>KLHL2</i>	1stExon
cg17157198	7	50,367,171	0.021804	-0.247	-0.119				<i>IKZF1</i>	Body
cg01876288	7	158,800,934	3.41E-08	-0.247	-0.232				<i>LOC154822</i>	TSS200
cg11532725	2	56,407,143	7.64E-07	-0.247	-0.191					
cg09611226	16	85,672,056	0.003707	-0.247	-0.153				<i>KIAA0182</i>	5'UTR
cg22806934	11	122,577,359	0.030078	-0.247	-0.144				<i>UBASH3B</i>	Body
cg25918833	11	4,718,962	0.011399	-0.247	-0.182				<i>OR51E2</i>	1stExon
cg16560137	14	104,565,926	0.003358	-0.247	-0.214				<i>ASPG</i>	Body
cg10338848	16	7,701,595	0.011607	-0.247	-0.166				<i>A2BP1</i>	Body
cg15687395	5	79,379,309	1.24E-07	-0.247	-0.234					
cg18219713	8	50,837,079	0.001783	-0.247	-0.188				<i>SNTG1</i>	5'UTR
cg24481882	6	136,450,701	1.49E-07	-0.247	-0.242				<i>PDE7B</i>	Body
cg16786274	13	102,865,555	0.043507	-0.247	-0.170				<i>FGF14</i>	Body
cg14666310	19	42,211,479	1.15E-05	-0.247	-0.155				<i>CEACAM5</i>	TSS1500
cg15568376	19	8,808,271	4.31E-06	-0.247	-0.198				<i>ACTL9</i>	1stExon
cg25174601	22	49,847,690	0.023053	-0.247	-0.119					
cg27036066	10	108,053,805	0.000439	-0.247	-0.211					
cg27277183	12	121,688,441	0.014106	-0.247	-0.131				<i>CAMKK2</i>	Body
cg10639029	5	151,946,019	0.006187	-0.247	-0.209					
cg22719992	11	105,261,210	0.022952	-0.247	-0.191					
cg23703633	10	62,135,541	0.000456	-0.247	-0.237				<i>ANK3</i>	Body
cg11085294	1	177,057,631	0.00973	-0.247	-0.270				<i>ASTN1</i>	Body
cg05949889	11	106,336,898	0.024687	-0.247	-0.262					
cg20771846	17	1,372,516	0.028561	-0.248	-0.155				<i>MYO1C</i>	Body
cg21679468	6	127,785,332	2.87E-07	-0.248	-0.204				<i>C6orf174</i>	3'UTR
cg02783529	6	3,762,185	2.76E-08	-0.248	-0.223					
cg16408815	1	157,610,088	7.42E-06	-0.248	-0.226					
cg16521605	19	46,363,340	5.46E-05	-0.248	-0.214				<i>SYMPK</i>	5'UTR
cg12044923	4	5,207,312	4.18E-14	-0.248	-0.241				<i>STK32B</i>	Body
cg05357750	6	106,344,938	1.06E-05	-0.248	-0.270					

cg07882007	12	48,359,998	0.000264	-0.248	-0.241				<i>TMEM106C</i>	Body
cg10043313	16	32,212,399	0.001146	-0.248	-0.176					
cg07617814	20	52,198,164	0.000544	-0.248	-0.305				<i>ZNF217</i>	1stExon
cg26170133	8	49,959,180	0.016113	-0.248	-0.192					
cg00321555	10	6,779,875	0.019105	-0.248	-0.214					
cg06143658	2	233,878,015	0.000261	-0.248	-0.209				<i>NGEF</i>	TSS200
cg07092233	6	152,795,102	0.001706	-0.248	-0.148				<i>SYNE1</i>	Body
cg14171418	14	83,272,320	6.8E-05	-0.248	-0.255					
cg00967316	7	113,558,794	0.000856	-0.248	-0.224	0.00056338	-0.124		<i>PPP1R3A</i>	1stExon
cg06742678	4	158,478,835	0.006871	-0.248	-0.176					
cg07157333	16	19,422,554	6.57E-08	-0.248	-0.293				<i>TMC5</i>	5'UTR
cg09331780	X	84,364,419	0.003833	-0.248	-0.250				<i>SATL1</i>	TSS1500
cg17028658	4	186,321,177	1.92E-08	-0.248	-0.201				<i>UFSP2</i>	3'UTR
cg19423081	17	79,057,830	0.017611	-0.248	-0.072				<i>BAIAP2</i>	Body
cg24914139	4	174,962,548	5.48E-06	-0.248	-0.250					
cg26501046	2	218,466,307	0.00049	-0.248	-0.244				<i>DIRC3</i>	Body
cg03487269	4	74,813,739	7.82E-06	-0.248	-0.249					
cg03629497	8	114,440,908	8.13E-05	-0.248	-0.225				<i>CSMD3</i>	Body
cg25408620	7	56,173,166	1.44E-09	-0.248	-0.235				<i>CHCHD2</i>	Body
cg06583549	19	46,387,962	8.94E-07	-0.248	-0.217				<i>IRF2BP1</i>	1stExon
cg02359025	16	86,950,827	0.049297	-0.248	-0.123					
cg05138768	12	127,207,919	0.019989	-0.248	-0.172					
cg22596806	1	241,517,815	2.79E-06	-0.248	-0.243				<i>RGS7</i>	Body
cg00061678	1	170,776,719	0.014205	-0.248	-0.150					
cg15932610	12	108,820,116	0.002172	-0.248	-0.236					
cg12640653	5	168,183,115	9.38E-07	-0.248	-0.209				<i>SLIT3</i>	Body
cg12716083	6	30,559,087	8.1E-17	-0.248	-0.229				<i>ABCF1</i>	3'UTR
cg24042452	1	156,305,664	2.51E-11	-0.248	-0.239	3.63E-19	-0.150		<i>CCT3</i>	Body
cg00773653	14	73,147,151	0.013599	-0.248	-0.246				<i>DPF3</i>	Body
cg15536401	7	119,831,208	0.005997	-0.248	-0.293					
cg17834650	Y	9,214,205	0.004537	-0.248	-0.182				<i>FAM197Y2</i>	TSS1500
cg06803821	16	50,533,237	0.006441	-0.248	-0.196					
cg16231678	4	155,056,918	0.04832	-0.248	-0.123					
cg20307598	12	88,220,906	0.005241	-0.248	-0.240					

cg13844500	11	123,495,493	0.040655	-0.248	-0.228					
cg26875135	7	1,221,192	1.74E-13	-0.248	-0.229					
cg11208222	5	7,852,098	7.47E-08	-0.248	-0.244				<i>C5orf49</i>	TSS1500
cg14571539	5	128,746,622	0.000145	-0.248	-0.171					
cg05957546	11	7,819,874	1.77E-05	-0.248	-0.242				<i>OR5P2</i>	TSS1500
cg08404739	16	48,269,424	2.41E-05	-0.248	-0.209				<i>ABCC11</i>	TSS1500
cg00273543	13	103,055,487	0.010755	-0.248	-0.162				<i>FGF14</i>	TSS1500
cg07092145	8	118,369,910	0.00164	-0.248	-0.202					
cg08708231	11	132,992,485	0.003834	-0.248	-0.116				<i>OPCML</i>	Body
cg16510350	4	112,477,798	0.000859	-0.248	-0.219					
cg14850784	16	1,430,103	9.26E-06	-0.248	-0.276				<i>UNKL</i>	TSS1500
cg20456954	8	68,178,729	1.78E-06	-0.248	-0.312				<i>ARFGEF1</i>	Body
cg14794866	10	31,772,744	1.32E-08	-0.248	-0.262				<i>ZEB1</i>	Body
cg01236299	17	9,819,556	0.000973	-0.248	-0.185				<i>GAS7</i>	3'UTR
cg01079872	1	3,302,477	0.007506	-0.248	-0.184				<i>PRDM16</i>	Body
cg01216589	14	43,723,010	0.004886	-0.248	-0.148					
cg00099427	1	159,870,134	4.65E-14	-0.248	-0.226				<i>CCDC19</i>	TSS1500
cg04380873	3	184,089,743	5.24E-05	-0.248	-0.205					
cg20083442	8	73,600,575	0.000196	-0.248	-0.269				<i>KCNB2</i>	Body
cg10274606	14	73,118,334	0.002266	-0.248	-0.228					
cg23432301	X	55,650,979	2.31E-05	-0.248	-0.215				<i>FOXR2</i>	1stExon
cg02066813	7	57,247,707	0.037267	-0.248	-0.178		Yes		<i>LOC642006</i>	Body
cg03080493	2	175,867,700	0.000135	-0.248	-0.202				<i>CHN1</i>	Body
cg08755736	8	95,957,928	4.36E-11	-0.248	-0.252				<i>TP53INP1</i>	5'UTR
cg13851744	9	140,092,222	1.83E-09	-0.248	-0.241				<i>C9orf75</i>	Body
cg07879681	13	112,336,027	0.007668	-0.248	-0.096					
cg08247289	13	113,400,754	0.023632	-0.248	-0.391				<i>ATP11A</i>	Body
cg08642716	1	3,213,431	3.04E-05	-0.248	-0.187				<i>PRDM16</i>	Body
cg26545913	6	66,819,090	0.028272	-0.248	-0.273					
cg00790672	1	3,324,671	4.34E-06	-0.248	-0.247		Yes		<i>PRDM16</i>	Body
cg21211551	8	91,108,620	0.000223	-0.248	-0.222					
cg07851374	13	76,723,380	0.000458	-0.248	-0.199					
cg00035630	11	33,036,664	0.003208	-0.248	-0.296				<i>DEPDC7</i>	TSS1500
cg00193859	7	139,723,923	1.08E-10	-0.248	-0.243				<i>PARP12</i>	3'UTR

cg02947418	16	59,789,071	0.003671	-0.248	-0.137				<i>LOC644649</i>	Body
cg03092482	17	77,949,135	0.002746	-0.248	-0.163				<i>TBC1D16</i>	Body
cg10624914	13	114,103,477	1.39E-06	-0.249	-0.173				<i>ADPRHL1</i>	Body
cg13332571	22	50,923,890	0.00422	-0.249	-0.123				<i>ADM2</i>	3'UTR
cg19693031	1	145,441,552	0.001915	-0.249	-0.221				<i>TXNIP</i>	3'UTR
cg18865080	11	21,263,031	0.013661	-0.249	-0.274				<i>NELL1</i>	Body
cg20474924	7	89,843,258	9.27E-08	-0.249	-0.254				<i>STEAP2</i>	5'UTR
cg06437862	13	19,756,096	0.006706	-0.249	-0.172				<i>TUBA3C</i>	TSS200
cg08843850	1	199,092,823	0.010596	-0.249	-0.185					
cg11863380	5	95,094,981	2.83E-08	-0.249	-0.257				<i>RHOBTB3</i>	Body
cg20449074	7	10,658,637	8.18E-08	-0.249	-0.240			Yes		
cg19790884	22	50,025,306	0.003016	-0.249	-0.167				<i>C22orf34</i>	Body
cg13103485	7	94,536,651	1.41E-07	-0.249	-0.203				<i>PPP1R9A</i>	TSS1500
cg00017842	2	119,528,421	0.000735	-0.249	-0.296					
cg25247122	13	112,652,556	0.041137	-0.249	-0.075					
cg04399632	16	11,837,547	3.2E-10	-0.249	-0.251				<i>TXNDC11</i>	TSS1500
cg25050951	15	30,115,147	7.03E-14	-0.249	-0.246				<i>TJP1</i>	TSS1500
cg24836679	19	56,017,564	0.001663	-0.249	-0.161				<i>SSC5D</i>	Body
cg24268663	X	151,560,719	0.005866	-0.249	-0.183				<i>GABRA3</i>	5'UTR
cg26629715	8	89,379,430	0.000213	-0.249	-0.229			Yes		
cg05616589	6	55,298,362	6.71E-06	-0.249	-0.273					
cg01068621	1	159,061,369	0.022689	-0.249	-0.174					
cg21205855	8	61,563,866	4.59E-23	-0.249	-0.262					
cg18912847	20	57,616,897	2.32E-08	-0.249	-0.283				<i>SLMO2</i>	Body
cg22821358	1	198,828,005	0.016533	-0.249	-0.154				<i>MIR181B1</i>	Body
cg17025555	1	158,724,362	0.012588	-0.249	-0.175				<i>OR6K6</i>	TSS1500
cg10190334	6	73,935,676	1.45E-05	-0.249	-0.216			Yes	<i>KHDC1L</i>	TSS1500
cg15961007	6	153,023,279	6.79E-08	-0.249	-0.245				<i>MYCT1</i>	Body
cg01517188	14	57,127,077	4.05E-07	-0.249	-0.270			Yes		
cg27178401	16	10,652,711	3.16E-10	-0.249	-0.253				<i>EMP2</i>	5'UTR
cg13170174	4	130,700,964	2.36E-05	-0.249	-0.192					
cg10173620	15	89,658,904	2.54E-11	-0.249	-0.249				<i>ABHD2</i>	5'UTR
cg09394608	13	47,472,429	0.00774	-0.249	-0.243				<i>HTR2A</i>	TSS1500
cg22032283	13	111,936,044	0.01798	-0.249	-0.231				<i>ARHGEF7</i>	Body

cg13563869	1	104,635,600	0.002288	-0.249	-0.220					
cg20492034	7	6,313,058	2.04E-09	-0.249	-0.233				<i>CYTH3</i>	TSS1500
cg26738880	7	154,429,032	0.023092	-0.249	-0.144	2.46E-07	-0.178		<i>DPP6</i>	Body
cg00948085	7	25,890,572	1.73E-06	-0.249	-0.256					
cg23655160	10	134,912,411	6.63E-05	-0.249	-0.234				<i>GPR123</i>	Body
cg09141623	10	53,143,287	0.016867	-0.249	-0.138				<i>PRKG1</i>	Body
cg10399946	6	33,242,016	2.18E-11	-0.249	-0.218				<i>RPS18</i>	Body
cg03025880	4	100,572,172	0.000535	-0.249	-0.241					
cg10958087	5	130,310,961	3.22E-10	-0.249	-0.247					
cg20813374	6	35,657,180	2.46E-16	-0.249	-0.240				<i>FKBP5</i>	5'UTR
cg22764535	2	242,833,494	4.23E-05	-0.249	-0.234					
cg27179810	1	1,226,776	8.1E-10	-0.249	-0.233				<i>SCNN1D</i>	Body
cg00416882	18	44,495,671	0.002138	-0.249	-0.242				<i>PIAS2</i>	Body
cg16896313	15	58,552,619	0.001882	-0.249	-0.156					
cg12456973	6	31,938,744	1.91E-07	-0.249	-0.247				<i>STK19</i>	TSS1500
cg15065561	19	22,319,196	0.018305	-0.249	-0.143					
cg12527110	4	163,907,607	0.000558	-0.249	-0.279					
cg01990257	8	33,847,504	0.000189	-0.249	-0.192					
cg20524452	4	37,604,480	0.000103	-0.249	-0.187				<i>RELL1</i>	3'UTR
cg00471857	7	154,000,016	0.019549	-0.249	-0.154				<i>DPP6</i>	Body
cg23751110	4	19,197,380	8.13E-07	-0.249	-0.245					
cg14244493	9	137,515,845	0.012937	-0.249	-0.086					
cg04910662	16	73,083,014	9.22E-10	-0.249	-0.240				<i>ZFH3</i>	5'UTR
cg03928812	11	59,634,276	2.04E-08	-0.249	-0.260				<i>TCN1</i>	TSS1500
cg08657671	5	175,608,441	0.001717	-0.249	-0.138					
cg18594467	3	1,809,617	0.006863	-0.249	-0.151					
cg06419732	1	205,498,530	0.000138	-0.249	-0.189				<i>CDK18</i>	Body
cg03468468	4	144,834,574	0.000231	-0.249	-0.178					
cg15331945	12	34,756,042	1.07E-06	-0.249	-0.252					
cg25503804	11	46,739,832	7.75E-10	-0.249	-0.258				<i>F2</i>	TSS1500
cg13496793	9	129,645,969	0.000885	-0.249	-0.229				<i>ZBTB34</i>	3'UTR
cg23621149	10	6,824,325	0.015745	-0.249	-0.132					
cg16885235	13	107,853,066	0.000231	-0.249	-0.228				<i>FAM155A</i>	Body
cg18236862	12	131,651,239	0.024832	-0.249	-0.166				<i>LOC116437</i>	Body

cg21411781	3	131,984,709	1.8E-08	-0.249	-0.307					
cg22103414	8	6,638,082	8.38E-06	-0.250	-0.229					
cg25360518	12	4,554,623	0.004764	-0.250	-0.153				<i>FGF6</i>	1stExon
cg02092807	20	56,239,706	7.33E-05	-0.250	-0.272				<i>PMEPA1</i>	5'UTR
cg16764177	6	164,252,644	0.003795	-0.250	-0.174					
cg15563205	6	30,300,013	2.62E-09	-0.250	-0.242				<i>TRIM39</i>	Body
cg18049164	5	110,407,157	0.000756	-0.250	-0.169				<i>TSLP</i>	TSS1500
cg13319761	11	48,509,778	0.01286	-0.250	-0.152			Yes	<i>OR4A47</i>	TSS1500
cg08235349	18	5,198,566	0.007782	-0.250	-0.244				<i>LOC642597</i>	TSS1500
cg02943456	8	33,866,594	2.29E-05	-0.250	-0.207					
cg27519145	1	166,039,635	0.002019	-0.250	-0.236				<i>FAM78B</i>	Body
cg15126897	1	192,155,550	0.000572	-0.250	-0.220					
cg07785444	19	45,664,665	4.03E-05	-0.250	-0.303				<i>NKPD1</i>	TSS1500
cg10534479	5	166,198,692	0.010278	-0.250	-0.198					
cg12656160	4	155,407,855	0.002179	-0.250	-0.168			Yes	<i>DCHS2</i>	Body
cg01034312	4	89,510,112	3.56E-06	-0.250	-0.205					
cg13323553	7	63,018,494	0.000171	-0.250	-0.199					
cg15774334	2	209,854,267	3.78E-08	-0.250	-0.271					
cg01351787	14	20,664,021	8.2E-09	-0.250	-0.205				<i>OR11G2</i>	TSS1500
cg09149672	1	158,261,151	0.025547	-0.250	-0.145				<i>CD1C</i>	Body
cg00206542	11	59,210,965	0.026551	-0.250	-0.222				<i>OR5A1</i>	1stExon
cg09197443	Y	14,107,195	0.001371	-0.250	-0.163					
cg10806811	14	25,451,658	1.89E-08	-0.250	-0.223				<i>STXBP6</i>	5'UTR
cg01777433	5	57,875,838	2.25E-05	-0.250	-0.233					
cg11649665	12	34,464,939	0.047264	-0.250	-0.153					
cg12397981	15	101,814,046	5.01E-06	-0.250	-0.216				<i>SELS</i>	Body
cg20213166	11	6,191,635	0.001122	-0.250	-0.265				<i>OR52B2</i>	TSS200
cg27326683	13	87,732,923	0.02429	-0.250	-0.123					
cg03734750	4	17,040,881	0.017777	-0.250	-0.177					
cg21805734	1	166,124,736	0.001877	-0.250	-0.302			Yes	<i>MIR921</i>	TSS1500
cg02388453	15	37,084,662	0.011045	-0.250	-0.311				<i>C15orf41</i>	Body
cg08286791	2	80,412,398	7E-05	-0.250	-0.252				<i>CTNNA2</i>	Body
cg27644733	16	9,857,216	0.036272	-0.250	-0.223				<i>GRIN2A</i>	Body
cg15922513	12	131,561,251	0.004692	-0.250	-0.163				<i>GPR133</i>	Body

cg23240465	1	42,610,907	2.73E-06	-0.250	-0.277					
cg03035657	16	51,873,539	0.011173	-0.250	-0.249					
cg01473816	11	34,535,281	0.012489	-0.250	-0.280	0.0000134	-0.105		<i>ELF5</i>	1stExon
cg07834418	10	107,409,739	0.007742	-0.250	-0.281					
cg22624391	11	1,937,457	0.001372	-0.250	-0.221					
cg03544379	19	15,052,824	0.00382	-0.250	-0.180	9.97E-07	-0.121		<i>OR7C2</i>	1stExon
cg13796211	10	6,407,932	1.08E-05	-0.250	-0.266					
cg04398180	13	114,103,452	4.28E-06	-0.250	-0.159				<i>ADPRHL1</i>	1stExon
cg07639783	7	1,610,747	0.002085	-0.250	-0.333				<i>PSMG3</i>	TSS1500
cg24463066	4	48,377,724	3.08E-08	-0.250	-0.250				<i>SLAIN2</i>	Body
cg17367472	21	32,254,161	0.015307	-0.250	-0.146				<i>KRTAP11-1</i>	TSS1500
cg02595851	2	119,132,095	9.44E-05	-0.250	-0.294					
cg20182232	3	118,865,365	1.66E-05	-0.250	-0.229				<i>C3orf30</i>	1stExon
cg02576892	1	2,878,813	0.015014	-0.250	-0.114					
cg15010903	17	76,850,256	1.36E-09	-0.250	-0.243				<i>TIMP2</i>	3'UTR
cg19370451	1	152,386,561	0.015196	-0.250	-0.222	1.65E-09	-0.117		<i>CRNN</i>	5'UTR
cg25775109	19	5,823,786	0.028879	-0.250	-0.176				<i>NRTN</i>	TSS200
cg00407820	6	150,182,095	1.81E-07	-0.250	-0.240				<i>LRP11</i>	Body
cg03244438	6	112,139,510	0.000465	-0.250	-0.236				<i>FYN</i>	5'UTR
cg20712955	8	106,810,999	0.036599	-0.250	-0.257				<i>ZFPM2</i>	Body
cg10243004	2	128,616,167	0.001206	-0.250	-0.230				<i>POLR2D</i>	TSS1500
cg16589705	8	80,226,364	0.001767	-0.250	-0.231					
cg07658681	10	73,553,201	0.001519	-0.250	-0.154				<i>CDH23</i>	Body
cg12497692	19	36,203,089	1.47E-06	-0.250	-0.217	2.23E-26	-0.222		<i>ZBTB32</i>	TSS1500
cg27611699	3	193,189,809	0.000416	-0.250	-0.147				<i>ATP13A4</i>	Body
cg03549618	14	35,838,977	3.19E-13	-0.250	-0.245					
cg15227682	17	37,843,264	7.69E-07	-0.250	-0.247				<i>ERBB2</i>	TSS1500
cg00589791	5	30,429,329	0.000842	-0.250	-0.243					
cg00658367	4	101,732,612	2E-05	-0.250	-0.250					
cg15392549	6	104,216,442	8.09E-06	-0.250	-0.204					
cg14462830	6	123,959,184	0.029645	-0.250	-0.169	9.91E-07	-0.155		<i>TRDN</i>	TSS1500
cg19290091	4	27,321,334	8.54E-12	-0.250	-0.240					
cg27527503	4	108,909,664	6.38E-07	-0.250	-0.232				<i>HADH</i>	TSS1500
cg00639218	Y	14,096,487	1.26E-06	-0.250	-0.208					

cg01455398	17	77,200,481	1.45E-05	-0.250	-0.213				<i>HRNBP3</i>	5'UTR
cg27526774	1	235,099,089	1.01E-09	-0.250	-0.272					
cg02491905	2	10,975,305	6.44E-12	-0.250	-0.244					
cg09579605	8	144,681,482	0.000328	-0.250	-0.224				<i>TIGD5</i>	1stExon
cg11808874	2	70,529,494	4.3E-08	-0.250	-0.234				<i>FAM136A</i>	TSS1500
cg16466270	4	122,305,076	0.006439	-0.250	-0.199					
cg06798887	16	17,898,759	0.015024	-0.250	-0.161					
cg07128890	11	59,807,164	0.000197	-0.250	-0.267				<i>PLAC1L</i>	TSS1500
cg07706367	4	3,342,725	2.27E-08	-0.250	-0.235				<i>RGS12</i>	Body
cg04335523	10	53,790,078	0.004657	-0.250	-0.187				<i>PRKG1</i>	Body
cg10324825	1	158,153,227	0.002211	-0.250	-0.213				<i>CD1D</i>	Body
cg21652803	8	58,256,341	8.8E-09	-0.250	-0.226					
cg25204186	17	31,889,590	1.45E-09	-0.250	-0.178				<i>ACCN1</i>	Body
cg01116831	16	2,190,356	1.4E-07	-0.250	-0.279					
cg14797295	7	93,641,451	5.56E-05	-0.250	-0.230					
cg19666225	12	17,972,332	0.000862	-0.251	-0.193					
cg26721868	19	4,567,641	6.84E-07	-0.251	-0.213					
cg04693329	11	123,995,045	0.001526	-0.251	-0.296				<i>VWA5A</i>	Body
cg06547203	16	15,154,082	3.85E-09	-0.251	-0.253				<i>RRN3</i>	3'UTR
cg00580715	10	133,508,590	0.015238	-0.251	-0.110					
cg01413522	16	86,519,105	1.26E-05	-0.251	-0.231					
cg26659572	11	22,569,243	0.00955	-0.251	-0.212					
cg01634213	5	176,982,179	1.78E-05	-0.251	-0.186				<i>FAM193B</i>	TSS1500
cg01958906	14	86,705,163	0.026588	-0.251	-0.168					
cg04354077	20	5,295,137	8.45E-05	-0.251	-0.206				<i>PROKR2</i>	TSS200
cg08920032	15	99,332,004	9.8E-09	-0.251	-0.253				<i>IGF1R</i>	Body
cg12428378	1	153,280,070	0.006881	-0.251	-0.168				<i>PGLYRP3</i>	Body
cg20979153	20	52,199,748	2.5E-06	-0.251	-0.252				<i>ZNF217</i>	TSS200
cg13679311	11	55,889,808	0.000217	-0.251	-0.218				<i>OR8H3</i>	TSS200
cg03918703	14	23,888,450	2.03E-05	-0.251	-0.201				<i>MIR208B</i>	TSS1500
cg10069736	13	102,929,516	0.009185	-0.251	-0.241				<i>FGF14</i>	Body
cg23897083	12	34,755,568	5.6E-07	-0.251	-0.250					
cg16284674	10	135,123,337	1.54E-06	-0.251	-0.247				<i>ZNF511</i>	Body
cg21311798	X	13,703,900	3.11E-05	-0.251	-0.319					



cg22016870	2	237,980,832	0.010769	-0.251	-0.086					
cg22202381	13	102,103,051	0.00717	-0.251	-0.133					
cg14462402	11	120,678,447	7.47E-18	-0.251	-0.220				<i>GRIK4</i>	Body
cg06746492	2	167,344,555	3.31E-06	-0.251	-0.201				<i>SCN7A</i>	TSS1500
cg10210510	1	40,771,135	5.4E-07	-0.251	-0.265				<i>COL9A2</i>	Body
cg21810373	11	70,917,159	1.85E-06	-0.251	-0.257				<i>SHANK2</i>	5'UTR
cg18356170	7	25,065,912	0.000694	-0.251	-0.177					
cg11281110	13	112,335,776	0.030549	-0.251	-0.056					
cg02622846	11	88,096,346	1.84E-05	-0.251	-0.221					
cg01071367	2	97,174,391	2.97E-05	-0.251	-0.181				<i>NEURL3</i>	TSS1500
cg15651267	5	167,028,535	0.002033	-0.251	-0.306				<i>ODZ2</i>	Body
cg06524192	16	7,615,568	0.009484	-0.251	-0.145				<i>A2BP1</i>	Body
cg16338011	3	137,301,727	0.011538	-0.251	-0.316					
cg24591082	6	56,143,542	0.003313	-0.251	-0.219					
cg01882058	16	86,465,884	0.001401	-0.251	-0.174					
cg09187549	1	170,456,527	0.005689	-0.251	-0.215					
cg02161203	22	50,008,841	0.000741	-0.251	-0.156					
cg03466428	4	165,628,435	0.001567	-0.251	-0.233					
cg01649867	4	155,056,878	0.025095	-0.251	-0.132					
cg03018162	8	137,807,457	0.004635	-0.251	-0.185					
cg11913917	X	104,463,622	0.012379	-0.251	-0.222				<i>TEX13A</i>	3'UTR
cg13856643	2	238,500,389	6.92E-14	-0.251	-0.224				<i>RAB17</i>	TSS1500
cg26350373	15	42,449,015	3.17E-06	-0.251	-0.227				<i>PLA2G4F</i>	TSS200
cg24520479	4	163,906,031	0.003243	-0.251	-0.247					
cg00625845	7	97,841,502	0.016061	-0.251	-0.113				<i>BHLHA15</i>	TSS200
cg16928393	3	109,033,890	0.033461	-0.251	-0.162				<i>DPPA2</i>	5'UTR
cg10920297	11	94,803,188	4.95E-10	-0.251	-0.217				<i>SFRS2B</i>	1stExon
cg16712155	11	6,007,249	0.03121	-0.251	-0.119				<i>OR52L1</i>	1stExon
cg00724015	2	119,145,086	9.9E-06	-0.251	-0.269					
cg15554338	3	167,190,158	0.002526	-0.251	-0.168				<i>SERPINI2</i>	5'UTR
cg07185041	6	31,845,721	1.26E-08	-0.251	-0.246				<i>SLC44A4</i>	Body
cg13548810	1	55,349,365	0.002641	-0.251	-0.192				<i>DHCR24</i>	Body
cg21197905	11	111,602,136	1.09E-05	-0.251	-0.223				<i>PPP2R1B</i>	Body
cg06469214	10	134,898,381	0.003697	-0.251	-0.173					

cg13123165	11	122,106,236	0.005045	-0.251	-0.246					
cg21419383	1	152,881,930	0.046706	-0.251	-0.123				<i>IVL</i>	5'UTR
cg06892501	11	5,345,105	0.026015	-0.251	-0.190				<i>OR51B2</i>	1stExon
cg05391892	2	208,795,620	1.56E-06	-0.251	-0.251				<i>PLEKHM3</i>	Body
cg26404952	X	146,343,575	2.9E-06	-0.251	-0.234				<i>MIR509-2</i>	TSS1500
cg03717755	6	16,136,539	0.000621	-0.251	-0.189				<i>MYLIP</i>	Body
cg14971418	10	133,806,912	5.94E-08	-0.251	-0.280					
cg16777106	4	158,281,194	0.004849	-0.251	-0.169				<i>GRIA2</i>	Body
cg18172829	5	4,590,292	0.006056	-0.251	-0.163					
cg23801782	18	66,471,057	0.033354	-0.251	-0.146				<i>CCDC102B</i>	5'UTR
cg06159296	11	92,150,122	0.012986	-0.251	-0.283				<i>FAT3</i>	Body
cg17940268	1	166,124,106	0.000494	-0.251	-0.275				<i>MIR921</i>	TSS200
cg21137501	14	106,892,303	5.02E-07	-0.251	-0.191					
cg01067062	17	48,195,695	3.05E-05	-0.251	-0.226				<i>SAMD14</i>	Body
cg15818577	17	80,040,107	0.001613	-0.251	-0.144				<i>FASN</i>	Body
cg08879886	8	5,909,880	0.015307	-0.251	-0.183					
cg25974831	20	30,028,223	0.046685	-0.251	-0.140				<i>DEFB123</i>	TSS200
cg03180042	4	69,681,824	2.81E-07	-0.251	-0.245				<i>UGT2B10</i>	1stExon
cg08667786	16	8,995,677	0.000349	-0.251	-0.221				<i>USP7</i>	Body
cg00601648	8	131,974,587	0.00065	-0.252	-0.266				<i>ADCY8</i>	Body
cg11875995	8	123,587,744	0.000295	-0.252	-0.173			Yes		
cg24860589	11	129,941,906	0.000487	-0.252	-0.253				<i>APLP2</i>	Body
cg09712962	2	48,946,375	0.009759	-0.252	-0.196				<i>GTF2A1L</i>	Body
cg13320538	8	2,419,822	0.002233	-0.252	-0.280					
cg11871280	12	60,082,038	0.008648	-0.252	-0.127	0.00010095	-0.136		<i>SLC16A7</i>	TSS1500
cg22790986	11	123,757,153	0.010822	-0.252	-0.186				<i>TMEM225</i>	TSS1500
cg23502204	11	87,905,295	0.017365	-0.252	-0.150				<i>RAB38</i>	Body
cg02499535	6	132,531,419	0.005621	-0.252	-0.202			Yes		
cg11311332	7	131,433,049	3.68E-05	-0.252	-0.237					
cg09681386	2	74,053,699	1.16E-05	-0.252	-0.212					
cg25616535	17	47,294,967	9.74E-06	-0.252	-0.170				<i>ABI3</i>	Body
cg27189481	3	192,710,593	0.03219	-0.252	-0.179					
cg00015699	12	90,313,589	0.016204	-0.252	-0.147					
cg16159925	X	139,866,657	0.046602	-0.252	-0.244				<i>CDR1</i>	5'UTR

cg22360146	1	115,301,208	7.23E-06	-0.252	-0.174				<i>CSDE1</i>	TSS1500
cg27069588	X	145,078,289	0.015527	-0.252	-0.252				<i>MIR892A</i>	TSS200
cg19255722	3	38,762,483	0.029358	-0.252	-0.196				<i>SCN10A</i>	Body
cg12301619	1	110,676,840	3.12E-07	-0.252	-0.244					
cg22374268	11	105,011,637	0.024547	-0.252	-0.162				<i>CARD18</i>	TSS1500
cg08013890	12	66,965,641	5.49E-07	-0.252	-0.215				<i>GRIP1</i>	Body
cg14691364	7	126,165,242	0.004351	-0.252	-0.156				<i>GRM8</i>	Body
cg21916461	11	68,148,079	4.43E-12	-0.252	-0.222				<i>LRP5</i>	Body
cg27553638	X	140,786,627	0.004466	-0.252	-0.179				<i>SPANXD</i>	TSS200
cg02021789	19	15,162,515	4.05E-06	-0.252	-0.204				<i>CASP14</i>	TSS1500
cg16709904	16	86,379,417	0.02869	-0.252	-0.112				<i>LOC732275</i>	TSS200
cg20542190	19	54,850,619	0.000158	-0.252	-0.200	1.24E-11	-0.126		<i>LILRA4</i>	TSS200
cg05099240	13	19,756,038	0.043187	-0.252	-0.098			Yes	<i>TUBA3C</i>	TSS200
cg23154270	2	137,527,566	1.34E-05	-0.252	-0.215					
cg06639538	11	133,373,892	0.010425	-0.252	-0.155				<i>OPCML</i>	Body
cg15626881	7	33,923,464	3.8E-17	-0.252	-0.253					
cg05173058	15	93,573,245	3.77E-18	-0.252	-0.253					
cg04741880	19	51,362,954	2.71E-19	-0.252	-0.229				<i>KLK3</i>	Body
cg25669593	6	168,811,263	0.000162	-0.252	-0.227					
cg111129772	7	53,879,728	0.000814	-0.252	-0.232					
cg11173246	11	841,376	2.66E-05	-0.252	-0.196	3.26E-11	-0.125		<i>TSPAN4</i>	TSS1500
cg01561758	19	52,514,445	0.003986	-0.252	-0.245					
cg02499925	17	3,031,618	0.000921	-0.252	-0.205				<i>OR1G1</i>	TSS1500
cg01509330	6	170,535,724	7.78E-06	-0.252	-0.247					
cg17484699	4	77,507,651	3.06E-07	-0.252	-0.238				<i>SHROOM3</i>	Body
cg00535683	1	153,114,002	0.01959	-0.252	-0.190				<i>SPRR2C</i>	TSS200
cg01449674	10	31,531,682	0.002893	-0.252	-0.267					
cg01760434	16	34,204,266	0.035521	-0.252	-0.102			Yes		
cg07429192	5	9,918,811	0.004407	-0.252	-0.246					
cg13193591	11	120,377,997	9.24E-10	-0.252	-0.255					
cg02160083	2	49,089,947	0.000425	-0.252	-0.261					
cg26380116	12	125,927,452	0.001335	-0.252	-0.291				<i>TMEM132B</i>	Body
cg06353345	11	5,322,976	0.01745	-0.252	-0.280	2.98E-08	-0.195		<i>OR51B4</i>	1stExon
cg17526887	2	223,918,000	0.001409	-0.252	-0.189				<i>KCNE4</i>	Body

cg13032902	12	131,863,570	0.026993	-0.252	-0.130					
cg16556696	1	74,445,461	0.008409	-0.252	-0.221					
cg22971920	X	153,199,588	3.83E-08	-0.252	-0.209				<i>NAA10</i>	Body
cg19982893	11	20,188,331	0.000307	-0.252	-0.243					
cg21221557	5	83,639,995	0.000104	-0.252	-0.217				<i>EDIL3</i>	Body
cg25510164	4	22,818,572	0.002476	-0.252	-0.218				<i>GBA3</i>	Body
cg14592673	17	48,768,755	1.78E-10	-0.253	-0.248				<i>ABCC3</i>	3'UTR
cg25202503	13	111,468,250	1.12E-07	-0.253	-0.299					
cg21615397	18	55,714,393	6.67E-05	-0.253	-0.215				<i>NEDD4L</i>	TSS200
cg24691330	8	125,150,452	2.38E-05	-0.253	-0.268					
cg13401658	2	177,311,027	7.59E-08	-0.253	-0.202					
cg15498306	4	164,534,641	2.16E-09	-0.253	-0.257				<i>MARCH1</i>	Body
cg07638009	12	126,571,072	0.000903	-0.253	-0.308					
cg17436778	5	57,184,384	6.39E-05	-0.253	-0.229					
cg14727409	20	29,994,192	0.001157	-0.253	-0.184				<i>DEFB121</i>	TSS1500
cg23853165	10	42,864,912	0.015247	-0.253	-0.229				<i>LOC441666</i>	TSS1500
cg05636047	4	188,156,675	6.6E-05	-0.253	-0.195					
cg14174502	1	104,523,359	2.58E-07	-0.253	-0.261					
cg26570233	11	93,475,962	0.00096	-0.253	-0.159	3.27E-13	-0.226		<i>TAF1D</i>	TSS1500
cg19758142	3	172,365,942	0.000003	-0.253	-0.256				<i>NCEH1</i>	5'UTR
cg17341136	12	132,893,339	0.025072	-0.253	-0.104				<i>GALNT9</i>	Body
cg25319337	7	48,008,127	0.002763	-0.253	-0.155				<i>HUS1</i>	Body
cg01247127	20	1,538,366	0.006129	-0.253	-0.199				<i>SIRPD</i>	TSS200
cg01564165	13	114,109,526	0.017849	-0.253	-0.321			Yes		
cg07294323	16	73,083,327	6.04E-07	-0.253	-0.217				<i>ZFH3</i>	5'UTR
cg07109745	11	3,901,552	5.18E-06	-0.253	-0.235				<i>STIM1</i>	Body
cg19545933	15	81,028,959	6.04E-09	-0.253	-0.230				<i>FAM108C1</i>	Body
cg17297045	12	125,581,343	6.47E-07	-0.253	-0.245				<i>AACS</i>	Body
cg01747796	1	59,040,648	0.001296	-0.253	-0.211					
cg07259382	4	164,536,228	0.038491	-0.253	-0.075				<i>MARCH1</i>	TSS1500
cg14095733	X	27,481,558	0.000843	-0.253	-0.197				<i>SMEK3P</i>	TSS200
cg24014538	13	98,870,066	0.00342	-0.253	-0.198				<i>FARP1</i>	Body
cg26746878	7	50,470,492	0.003134	-0.253	-0.218				<i>IKZF1</i>	3'UTR
cg09705667	11	125,525,217	1.92E-07	-0.253	-0.244				<i>CHEK1</i>	3'UTR

cg02620403	5	110,404,837	3.85E-09	-0.253	-0.254					
cg15985905	12	128,078,475	2.87E-08	-0.253	-0.264					
cg18568534	14	23,240,117	3.04E-09	-0.253	-0.229				<i>OXA1L</i>	Body
cg00003965	3	108,476,878	0.024924	-0.253	-0.145				<i>RETNLB</i>	TSS1500
cg04664126	6	28,554,262	2E-17	-0.253	-0.245				<i>SCAND3</i>	1stExon
cg10119001	1	153,114,766	0.015064	-0.253	-0.166				<i>SPRR2C</i>	TSS1500
cg21049958	19	42,134,128	0.001778	-0.253	-0.144				<i>CEACAM4</i>	TSS1500
cg24721647	4	185,726,836	3.19E-09	-0.253	-0.248				<i>ACSL1</i>	5'UTR
cg15057995	12	43,399,208	0.000175	-0.253	-0.197					
cg06190216	X	152,771,994	0.005047	-0.253	-0.142				<i>BGN</i>	Body
cg03368758	4	16,900,733	0.017164	-0.253	-0.182	0.02469547	-0.055		<i>LDB2</i>	TSS1500
cg08625996	7	127,547,490	3.15E-06	-0.253	-0.221				<i>SND1</i>	Body
cg15200711	5	1,507,775	0.034865	-0.253	-0.173				<i>LPCAT1</i>	Body
cg00332689	8	2,885,537	0.00246	-0.253	-0.166				<i>CSMD1</i>	Body
cg21393699	X	70,405,164	3.1E-06	-0.253	-0.253					
cg19632664	12	34,447,816	5.06E-05	-0.253	-0.270					
cg23581700	8	73,012,616	0.034936	-0.253	-0.201					
cg27242134	11	94,824,192	6.84E-11	-0.253	-0.245				<i>ENDOD1</i>	Body
cg07778290	12	6,325,048	4.69E-06	-0.253	-0.234				<i>CD9</i>	Body
cg07842635	13	47,862,393	4.73E-06	-0.253	-0.293					
cg25727008	7	62,577,907	0.006974	-0.253	-0.187					
cg26858065	19	53,932,017	0.000255	-0.253	-0.260					
cg02986451	18	59,159,403	0.002906	-0.253	-0.186				<i>CDH20</i>	Body
cg13594869	14	86,088,946	0.000906	-0.253	-0.245				<i>FLRT2</i>	Body
cg14508777	3	42,847,116	3.98E-12	-0.253	-0.235				<i>HIGD1A</i>	TSS1500
cg09386139	17	7,143,424	2.2E-09	-0.253	-0.221				<i>PHF23</i>	TSS1500
cg20189937	14	50,780,124	2.44E-13	-0.253	-0.244				<i>ATP5S</i>	Body
cg17794320	15	90,190,822	8.99E-06	-0.253	-0.162				<i>KIF7</i>	Body
cg18560638	13	100,008,200	2.15E-08	-0.253	-0.273				<i>UBAC2</i>	Body
cg14405300	2	88,427,027	0.01375	-0.253	-0.131				<i>FABP1</i>	Body
cg22541336	7	32,106,580	0.024529	-0.253	-0.167				<i>PDE1C</i>	Body
cg12517410	2	115,612,096	0.000437	-0.253	-0.278				<i>DPP10</i>	Body
cg14055195	3	99,013,462	5.28E-11	-0.253	-0.237					
cg20654082	2	191,895,804	9.37E-08	-0.253	-0.218				<i>STAT4</i>	Body

cg18413062	11	132,931,732	3.98E-09	-0.253	-0.235				<i>OPCML</i>	Body
cg06440087	10	7,745,191	0.000186	-0.253	-0.233				<i>ITIH2</i>	TSS200
cg03002735	8	94,998,325	3.88E-07	-0.253	-0.308					
cg10979216	8	50,947,399	0.014555	-0.253	-0.178				<i>SNTG1</i>	5'UTR
cg15320905	12	114,162,813	0.027762	-0.253	-0.187					
cg25764935	6	168,551,427	3.34E-05	-0.253	-0.188					
cg01208614	5	141,031,443	6.21E-08	-0.253	-0.238				<i>FCHSD1</i>	TSS1500
cg12472416	17	48,077,156	5.44E-09	-0.253	-0.211					
cg01472043	10	11,868,183	0.018379	-0.253	-0.151				<i>C10orf47</i>	5'UTR
cg01978246	8	145,749,776	1.46E-07	-0.253	-0.245				<i>LRRC24</i>	Body
cg08866497	5	43,781,155	4.93E-11	-0.253	-0.249					
cg11152825	20	44,881,449	2.25E-08	-0.254	-0.291				<i>CDH22</i>	TSS1500
cg23759189	11	131,410,868	0.002277	-0.254	-0.248				<i>NTM</i>	Body
cg04281344	16	5,530,509	1.75E-08	-0.254	-0.278					
cg17143291	1	181,458,839	3.39E-07	-0.254	-0.224				<i>CACNA1E</i>	Body
cg10770652	6	32,945,243	6.39E-10	-0.254	-0.265				<i>BRD2</i>	Body
cg21621104	3	66,468,921	2.36E-07	-0.254	-0.254				<i>LRIG1</i>	Body
cg01859460	19	2,273,050	1.34E-12	-0.254	-0.263				<i>OAZ1</i>	Body
cg07014126	6	169,717,713	0.012252	-0.254	-0.115					
cg16845880	3	81,886,014	3.65E-06	-0.254	-0.250					
cg03443143	Y	9,363,365	0.004633	-0.254	-0.154				<i>TSPY4</i>	Body
cg19618505	X	27,882,528	0.001443	-0.254	-0.181					
cg00592871	8	118,738,517	0.000166	-0.254	-0.246					
cg03888064	1	156,305,656	6.97E-12	-0.254	-0.240				<i>CCT3</i>	Body
cg06565368	11	131,907,820	8.15E-08	-0.254	-0.257				<i>NTM</i>	Body
cg07639982	10	12,555,079	4.99E-08	-0.254	-0.263		Yes		<i>CAMK1D</i>	Body
cg09093409	11	67,113,285	0.015062	-0.254	-0.154				<i>LOC100130987</i>	Body
cg11623855	11	33,563,720	1.65E-17	-0.254	-0.231				<i>C11orf41</i>	TSS200
cg26522684	7	56,563,018	0.000296	-0.254	-0.233				<i>DKFZp434L192</i>	TSS1500
cg18553202	7	63,893,881	4.25E-08	-0.254	-0.248				<i>LOC649395</i>	TSS200
cg07179981	7	922,051	1.2E-06	-0.254	-0.266				<i>C7orf20</i>	Body
cg16322346	4	57,874,657	8.28E-06	-0.254	-0.233				<i>POLR2B</i>	Body
cg19210342	10	23,640,730	0.000634	-0.254	-0.218					
cg17494438	10	50,600,744	2.01E-06	-0.254	-0.172				<i>DRGX</i>	TSS1500

cg04706044	12	127,208,176	0.0174	-0.254	-0.159					
cg14270650	6	136,397,995	0.008627	-0.254	-0.112				<i>PDE7B</i>	Body
cg24009656	6	146,759,324	0.004299	-0.254	-0.210					
cg14557554	9	136,217,171	1.32E-06	-0.254	-0.261				<i>SNORD36C</i>	TSS1500
cg16925177	8	73,849,114	0.024181	-0.254	-0.172				<i>KCNB2</i>	Body
cg25493276	5	3,855,077	0.034128	-0.254	-0.145					
cg03984344	4	126,232,432	3.04E-05	-0.254	-0.198					
cg09432465	16	32,486,334	0.00015	-0.254	-0.229					
cg11937768	10	65,344,030	9.59E-09	-0.254	-0.248				<i>REEP3</i>	Body
cg16888547	7	32,339,497	0.012679	-0.254	-0.179					
cg20268689	2	20,431,435	4.79E-09	-0.254	-0.237					
cg05357660	6	105,750,581	0.006968	-0.254	-0.353				<i>PREP</i>	Body
cg08469215	1	156,261,351	1.38E-07	-0.254	-0.214				<i>TMEM79</i>	Body
cg09258315	20	62,053,155	4.81E-07	-0.254	-0.210				<i>KCNQ2</i>	Body
cg01015395	5	167,332,342	0.004003	-0.254	-0.230				<i>ODZ2</i>	Body
cg26827876	19	51,409,609	8.04E-07	-0.254	-0.240				<i>KLK4</i>	3'UTR
cg18088587	17	25,618,450	1.06E-07	-0.254	-0.266					
cg16330965	15	66,790,390	4.03E-06	-0.254	-0.217	1.05E-16	-0.142		<i>SNAPC5</i>	TSS1500
cg07070518	7	976,997	0.000853	-0.254	-0.166				<i>ADAP1</i>	Body
cg16927372	17	32,367,929	0.000301	-0.254	-0.259			Yes	<i>ACCN1</i>	Body
cg17385248	10	133,507,998	0.013408	-0.254	-0.139					
cg20840800	2	79,253,193	0.011583	-0.254	-0.168				<i>REG3G</i>	5'UTR
cg17901584	1	55,353,706	7.14E-10	-0.254	-0.248				<i>DHCR24</i>	TSS1500
cg27312916	11	85,469,117	1.1E-05	-0.254	-0.260				<i>SYTL2</i>	TSS200
cg09649901	6	133,851,460	0.001169	-0.254	-0.230				<i>EYA4</i>	3'UTR
cg26754170	10	54,969,710	2.27E-07	-0.254	-0.236					
cg09685763	20	30,597,590	0.000528	-0.254	-0.218				<i>C20orf160</i>	TSS1500
cg15731296	X	150,867,017	1.58E-09	-0.254	-0.230				<i>PRRG3</i>	5'UTR
cg20651080	17	80,019,526	3.05E-08	-0.254	-0.240				<i>DUS1L</i>	Body
cg20761840	4	186,732,153	3.32E-10	-0.254	-0.237				<i>SORBS2</i>	5'UTR
cg13441112	1	196,844,364	0.000412	-0.254	-0.249					
cg00181889	4	154,261,731	1.41E-05	-0.254	-0.209					
cg01541650	6	157,505,968	1.56E-06	-0.254	-0.264				<i>ARID1B</i>	Body
cg21320123	7	153,897,058	0.008284	-0.254	-0.228				<i>DPP6</i>	Body

cg05318503	6	44,383,329	4.07E-06	-0.254	-0.247				<i>CDC5L</i>	Body
cg15646741	1	208,021,736	2.79E-15	-0.254	-0.231					
cg10208132	4	16,362,584	0.002832	-0.254	-0.225					
cg24405068	6	137,366,336	4.69E-07	-0.254	-0.214				<i>IL20RA</i>	TSS200
cg08448547	8	47,862,954	0.007886	-0.254	-0.196					
cg11744116	7	141,673,582	0.000412	-0.254	-0.290				<i>TAS2R38</i>	TSS200
cg01638235	12	34,536,156	3.41E-08	-0.254	-0.251					
cg22575043	7	1,664,952	0.001095	-0.254	-0.186					
cg14651254	1	1,449,202	0.000831	-0.254	-0.282				<i>ATAD3A</i>	5'UTR
cg00881487	X	3,236,105	2.12E-05	-0.254	-0.234				<i>MXRA5</i>	Body
cg04598611	1	171,640,223	7.82E-05	-0.254	-0.243					
cg19223190	17	80,058,835	0.012319	-0.254	-0.235					
cg19904031	1	157,805,906	0.022817	-0.254	-0.128				<i>CD5L</i>	Body
cg02395779	3	101,396,658	0.000415	-0.254	-0.266				<i>ZBTB11</i>	TSS1500
cg23549179	12	113,228,545	0.021896	-0.254	-0.101				<i>RPH3A</i>	TSS1500
cg08124030	3	149,095,283	1.43E-10	-0.255	-0.255				<i>TM4SF1</i>	1stExon
cg06895005	16	86,168,540	0.018773	-0.255	-0.103					
cg13580649	4	177,467,794	0.001711	-0.255	-0.136					
cg22917617	X	150,861,519	0.025822	-0.255	-0.154					
cg13208438	15	78,296,041	1.77E-06	-0.255	-0.251				<i>TBC1D2B</i>	Body
cg10719363	7	157,314,735	6.82E-05	-0.255	-0.196					
cg14348706	6	33,170,405	5.61E-10	-0.255	-0.238				<i>SLC39A7</i>	Body
cg17282592	10	6,797,081	0.01949	-0.255	-0.159					
cg04879561	7	31,126,531	0.013277	-0.255	-0.225				<i>ADCYAP1R1</i>	Body
cg10316270	4	155,702,266	1.58E-07	-0.255	-0.187				<i>RBM46</i>	TSS200
cg19593182	6	30,176,076	1.42E-09	-0.255	-0.277				<i>TRIM26</i>	5'UTR
cg00290626	8	132,499,131	0.033889	-0.255	-0.163					
cg18477362	3	166,452,764	4.05E-07	-0.255	-0.257					
cg01932361	16	86,985,993	0.00049	-0.255	-0.224					
cg17495046	1	2,017,010	2.39E-09	-0.255	-0.199				<i>PRKCZ</i>	Body
cg19589277	12	119,313,382	0.00048	-0.255	-0.207					
cg17476320	22	50,007,440	3.61E-05	-0.255	-0.226					
cg01521917	17	56,238,140	0.000514	-0.255	-0.164					
cg08617337	X	151,802,723	2.16E-06	-0.255	-0.258					



cg02169859	9	100,068,416	0.001066	-0.255	-0.255				<i>KIAA1529</i>	Body
cg21243459	9	92,264,216	3.09E-07	-0.255	-0.223				<i>LOC100129066</i>	Body
cg03266780	6	70,762,024	0.00139	-0.255	-0.247				<i>COL19A1</i>	Body
cg26516710	16	2,569,911	0.000314	-0.255	-0.228				<i>AMDHD2</i>	TSS1500
cg06690548	4	139,162,808	5.05E-08	-0.255	-0.208	5.37E-08	-0.140		<i>SLC7A11</i>	Body
cg22226775	1	3,008,033	0.000939	-0.255	-0.154				<i>PRDM16</i>	Body
cg23976934	19	2,867,289	3.03E-05	-0.255	-0.252				<i>ZNF556</i>	TSS200
cg04757389	19	5,250,655	4.3E-10	-0.255	-0.236				<i>PTPRS</i>	Body
cg07157893	4	164,535,548	0.003069	-0.255	-0.148				<i>MARCH1</i>	TSS1500
cg08895260	11	82,756,563	3.73E-06	-0.255	-0.220				<i>RAB30</i>	5'UTR
cg08271443	16	4,845,348	0.00855	-0.255	-0.192				<i>LOC440335</i>	TSS200
cg19318403	7	107,389,546	4.67E-08	-0.255	-0.250				<i>CBLL1</i>	Body
cg24602572	X	103,294,320	0.003391	-0.255	-0.162				<i>MIR1256</i>	Body
cg00339769	6	24,489,855	8.06E-11	-0.255	-0.256				<i>GPLD1</i>	TSS200
cg22896102	17	27,272,875	9.1E-05	-0.255	-0.231				<i>PHF12</i>	Body
cg18871179	7	57,468,369	0.001123	-0.255	-0.189					
cg03555881	6	31,275,551	0.000297	-0.255	-0.263					
cg14080925	4	652,907	0.003852	-0.255	-0.359				<i>PDE6B</i>	Body
cg14261474	4	158,555,507	0.015245	-0.255	-0.181					
cg04736911	2	71,220,904	1.54E-10	-0.255	-0.264				<i>TEX261</i>	Body
cg23110407	7	31,745,454	0.008441	-0.255	-0.137				<i>C7orf16</i>	Body
cg24066641	5	179,554,466	7.49E-12	-0.255	-0.244			Yes	<i>RASGEF1C</i>	Body
cg06175416	4	178,046,085	0.01918	-0.255	-0.108					
cg06228763	7	1,773,169	7.78E-05	-0.255	-0.300				<i>ELFN1</i>	5'UTR
cg10681391	3	134,512,480	0.030018	-0.255	-0.221					
cg14511866	2	102,448,055	2.3E-07	-0.255	-0.233				<i>MAP4K4</i>	Body
cg25524464	10	133,326,998	0.010646	-0.255	-0.130					
cg04795700	13	113,652,110	3.98E-05	-0.255	-0.274				<i>MCF2L</i>	Body
cg17164016	8	110,990,365	2.43E-14	-0.255	-0.266					
cg24895497	8	133,138,440	0.020151	-0.255	-0.189					
cg27631199	1	66,376,337	1.52E-09	-0.255	-0.228				<i>PDE4B</i>	5'UTR
cg16582255	5	41,152,767	1.82E-06	-0.255	-0.277				<i>C6</i>	Body
cg23408116	4	190,462,739	0.001782	-0.255	-0.187					
cg23833033	2	206,544,411	1.31E-05	-0.255	-0.179					

cg09675824	20	61,695,785	0.000144	-0.255	-0.244					
cg15211996	1	2,936,768	0.007642	-0.255	-0.122				<i>ACTRT2</i>	TSS1500
cg06373660	13	81,414,986	2.37E-05	-0.255	-0.201					
cg07209298	1	196,795,943	0.000154	-0.255	-0.227				<i>CFHR1</i>	Body
cg20778022	7	119,121,235	0.023611	-0.255	-0.171					
cg09141856	16	5,498,227	0.003022	-0.255	-0.205					
cg12967164	7	1,753,637	1.23E-07	-0.255	-0.244				<i>ELFN1</i>	5'UTR
cg22529760	4	190,283,198	3.41E-06	-0.255	-0.178					
cg00635343	18	5,193,969	1.37E-05	-0.255	-0.223				<i>LOC642597</i>	Body
cg20243900	19	1,908,388	0.000173	-0.255	-0.247				<i>ADAT3</i>	5'UTR
cg21134737	11	2,871,400	3.42E-07	-0.255	-0.256					
cg03925970	8	140,352,581	0.000332	-0.256	-0.198					
cg06042148	8	97,138,161	0.000406	-0.256	-0.238					
cg13696012	20	31,595,360	4.06E-06	-0.256	-0.279	1.24E-16	-0.135		<i>BPIL1</i>	TSS200
cg19591696	8	33,132,258	6.97E-05	-0.256	-0.206					
cg05215056	10	44,250,314	0.025383	-0.256	-0.210					
cg25742300	2	142,857,903	0.000715	-0.256	-0.205				<i>LRP1B</i>	Body
cg07053177	12	128,899,814	0.025249	-0.256	-0.160				<i>TMEM132C</i>	Body
cg10860270	X	77,912,297	0.036164	-0.256	-0.142				<i>ZCCHC5</i>	3'UTR
cg17512993	17	80,039,971	0.010948	-0.256	-0.116				<i>FASN</i>	Body
cg05038367	22	42,479,360	4.7E-07	-0.256	-0.271				<i>C22orf32</i>	3'UTR
cg02150582	6	9,398,309	2.11E-11	-0.256	-0.261					
cg27090727	3	161,884,911	0.004073	-0.256	-0.260					
cg03345976	4	118,007,225	2.79E-07	-0.256	-0.261				<i>TRAM1L1</i>	TSS1500
cg04943797	20	61,671,429	2.02E-06	-0.256	-0.231					
cg23500637	6	74,027,775	0.000841	-0.256	-0.237					
cg20976019	17	25,931,360	0.002608	-0.256	-0.186				<i>KSR1</i>	Body
cg08247887	10	44,394,566	0.028049	-0.256	-0.177					
cg05138957	14	101,528,123	0.000312	-0.256	-0.256				<i>MIR377</i>	TSS1500
cg06099439	1	3,146,905	0.032199	-0.256	-0.078				<i>PRDM16</i>	Body
cg00201870	7	53,103,789	1.81E-05	-0.256	-0.205				<i>POM121L12</i>	1stExon
cg07556151	16	3,089,237	4.31E-07	-0.256	-0.236					
cg10072526	16	6,534,430	0.015096	-0.256	-0.204				<i>A2BP1</i>	5'UTR
cg08160063	16	7,704,961	0.021077	-0.256	-0.170				<i>A2BP1</i>	Body

cg18437685	12	34,554,116	3.06E-06	-0.256	-0.251					
cg01737550	X	101,395,217	0.002008	-0.256	-0.266				<i>TCEAL6</i>	3'UTR
cg05555951	11	55,872,478	0.000298	-0.256	-0.237				<i>OR8H2</i>	TSS200
cg10409443	16	32,252,365	2.63E-06	-0.256	-0.218					
cg23658462	19	1,290,552	0.007169	-0.256	-0.131				<i>EFNA2</i>	Body
cg16619764	1	116,524,390	1.38E-07	-0.256	-0.215				<i>SLC22A15</i>	Body
cg13543106	3	90,086,806	4.08E-05	-0.256	-0.307					
cg11038231	11	101,576,844	0.049651	-0.256	-0.255					
cg14940420	3	51,895,692	0.000613	-0.256	-0.226	9.16E-12	-0.210		<i>IQCF2</i>	1stExon
cg08048194	12	55,641,538	0.009413	-0.256	-0.189				<i>OR6C74</i>	1stExon
cg15598276	6	32,948,343	5.39E-08	-0.256	-0.274			Yes	<i>BRD2</i>	Body
cg16773814	16	87,644,704	1.59E-07	-0.256	-0.216				<i>JPH3</i>	Body
cg02609775	16	430,019	0.002662	-0.256	-0.256				<i>TMEM8A</i>	Body
cg12200412	1	158,324,331	1.28E-17	-0.256	-0.256	2.28E-26	-0.185		<i>CD1E</i>	Body
cg19961720	22	17,309,849	0.003758	-0.256	-0.214				<i>HSFYP1</i>	Body
cg25813290	7	108,767,676	4E-08	-0.256	-0.234					
cg27096807	3	111,442,336	0.002973	-0.256	-0.210				<i>PLCXD2</i>	3'UTR
cg18742855	2	26,800,399	0.000588	-0.256	-0.125				<i>C2orf70</i>	Body
cg27632318	1	241,032,479	0.009181	-0.256	-0.153				<i>RGS7</i>	Body
cg03193096	8	56,363,711	0.001745	-0.256	-0.228				<i>XKR4</i>	Body
cg27390627	1	242,874,219	0.015836	-0.256	-0.261					
cg23891364	1	1,207,789	2.54E-17	-0.256	-0.244				<i>UBE2J2</i>	5'UTR
cg24949907	3	56,717,804	8.79E-09	-0.256	-0.249				<i>C3orf63</i>	TSS1500
cg00191458	5	169,757,859	0.000288	-0.256	-0.247				<i>LOC257358</i>	TSS1500
cg11839579	1	208,891,263	0.005415	-0.256	-0.301					
cg12094965	12	109,749,643	2.21E-07	-0.256	-0.272					
cg16193733	6	132,465,076	0.015089	-0.256	-0.159					
cg18580232	2	116,155,326	2.07E-06	-0.256	-0.280				<i>DPP10</i>	Body
cg02132728	4	2,755,777	2.52E-06	-0.256	-0.161				<i>TNIP2</i>	Body
cg08966706	5	5,034,361	0.007308	-0.256	-0.157				<i>LOC340094</i>	TSS200
cg16285206	5	25,106,774	2.5E-05	-0.256	-0.242					
cg07309576	11	5,463,768	0.005178	-0.256	-0.231				<i>OR5111</i>	TSS1500
cg05327192	11	75,133,593	1.54E-06	-0.256	-0.253				<i>KLHL35</i>	3'UTR
cg05247035	8	72,596,351	0.002692	-0.256	-0.164					

cg05342835	1	33,160,791	3.02E-07	-0.256	-0.233	7.98E-22	-0.162		<i>SYNC</i>	Body
cg07915516	16	377,344	6.93E-09	-0.256	-0.246				<i>AXIN1</i>	Body
cg09696486	16	7,270,014	0.009411	-0.256	-0.206				<i>A2BP1</i>	Body
cg00732807	6	73,935,584	6.85E-06	-0.256	-0.240				<i>KHDC1L</i>	TSS1500
cg11256628	8	113,113,972	3.41E-06	-0.256	-0.271					
cg13882988	10	54,531,345	0.017478	-0.256	-0.221	1.05E-17	-0.181		<i>MBL2</i>	1stExon
cg04629189	11	41,065,794	0.000339	-0.256	-0.201					
cg16378117	16	9,857,804	0.000109	-0.256	-0.263				<i>GRIN2A</i>	Body
cg26138846	6	31,842,729	4.07E-08	-0.256	-0.300				<i>SLC44A4</i>	Body
cg14841965	11	123,814,849	0.040517	-0.256	-0.167				<i>OR6T1</i>	TSS1500
cg20338030	11	105,010,463	2.91E-07	-0.257	-0.219				<i>CARD18</i>	TSS200
cg01422370	2	73,384,389	0.019383	-0.257	-0.118					
cg06878303	X	151,903,174	0.038025	-0.257	-0.128				<i>MAGEA12</i>	1stExon
cg21448927	6	159,796,527	6.14E-05	-0.257	-0.259					
cg22200649	12	65,961,644	3.27E-05	-0.257	-0.245					
cg12271797	8	50,891,864	0.002006	-0.257	-0.213				<i>SNTG1</i>	5'UTR
cg17247873	10	134,332,277	0.046672	-0.257	-0.266			Yes		
cg16837206	11	104,972,474	0.000797	-0.257	-0.225				<i>CASP1</i>	TSS1500
cg16377367	1	85,743,497	4.34E-07	-0.257	-0.234				<i>BCL10</i>	1stExon
cg09580755	1	76,761,200	0.000917	-0.257	-0.229				<i>ST6GALNAC3</i>	Body
cg09500738	15	87,911,464	0.012508	-0.257	-0.295					
cg22667294	5	179,755,381	2.8E-14	-0.257	-0.224				<i>GFPT2</i>	Body
cg27125439	10	29,311,888	1.06E-07	-0.257	-0.282					
cg12228534	19	24,156,884	1.01E-07	-0.257	-0.255					
cg16484967	6	56,234,854	4.72E-05	-0.257	-0.138					
cg25188395	7	27,204,052	0.005474	-0.257	-0.117				<i>HOXA9</i>	Body
cg06848148	2	137,748,455	0.000196	-0.257	-0.222				<i>THSD7B</i>	TSS200
cg14556762	1	170,532,470	0.000245	-0.257	-0.231					
cg10623290	1	1,912,185	0.005722	-0.257	-0.214				<i>KIAA1751</i>	Body
cg22767164	19	51,958,448	0.000419	-0.257	-0.170				<i>SIGLEC8</i>	Body
cg26960988	5	140,728,617	3.7E-05	-0.257	-0.235				<i>PCDHGA2</i>	Body
cg08862366	16	86,152,925	0.027258	-0.257	-0.094					
cg27395342	8	13,224,310	0.000195	-0.257	-0.263				<i>DLC1</i>	Body
cg16646298	6	30,698,987	0.000104	-0.257	-0.143				<i>FLOT1</i>	Body

cg14568971	12	75,883,052	0.000469	-0.257	-0.192				<i>GLIPR1</i>	Body
cg13372231	11	5,531,235	0.002042	-0.257	-0.260				<i>UBQLN3</i>	TSS200
cg04515986	X	31,089,692	0.001649	-0.257	-0.237	1.2679E-05	-0.105		<i>FTHL17</i>	1stExon
cg06173461	11	48,285,821	0.003235	-0.257	-0.220				<i>OR4X1</i>	1stExon
cg21146273	5	152,869,193	0.000606	-0.257	-0.296				<i>GRIA1</i>	TSS1500
cg05302896	7	108,524,793	8.95E-05	-0.257	-0.223			Yes	<i>C7orf66</i>	TSS200
cg19621338	11	22,533,592	0.000112	-0.257	-0.241					
cg05818824	17	62,051,709	1.25E-08	-0.257	-0.243				<i>SCN4A</i>	TSS1500
cg03460239	11	124,311,153	0.001643	-0.257	-0.244				<i>OR8B8</i>	TSS200
cg02078520	1	84,944,298	0.000635	-0.257	-0.235				<i>RPF1</i>	TSS1500
cg05853130	2	138,019,701	0.001287	-0.257	-0.294				<i>THSD7B</i>	Body
cg20368567	17	29,649,961	6.14E-05	-0.257	-0.272				<i>NF1</i>	Body
cg24828167	4	5,899,040	0.001475	-0.257	-0.190					
cg16884847	2	46,121,488	2.21E-07	-0.257	-0.273			Yes	<i>PRKCE</i>	Body
cg22395255	15	71,903,974	1.57E-08	-0.257	-0.198				<i>THSD4</i>	Body
cg26521402	7	89,842,741	1.09E-10	-0.257	-0.252				<i>STEAP2</i>	5'UTR
cg01515155	11	55,579,363	0.012849	-0.257	-0.232				<i>OR5L1</i>	1stExon
cg19508823	2	116,315,952	0.003361	-0.257	-0.295				<i>DPP10</i>	Body
cg23629166	1	2,345,368	0.000367	-0.257	-0.305				<i>PEX10</i>	TSS1500
cg01046961	4	190,474,558	6.76E-06	-0.257	-0.220					
cg17256679	17	32,647,709	0.008307	-0.257	-0.141				<i>CCL8</i>	Body
cg05750323	6	152,953,820	0.000283	-0.257	-0.210				<i>SYNE1</i>	5'UTR
cg17010657	5	125,936,146	3.69E-07	-0.257	-0.242				<i>PHAX</i>	TSS1500
cg11801110	22	50,356,763	1.98E-08	-0.257	-0.263				<i>PIM3</i>	Body
cg16652531	4	189,602,185	0.040504	-0.257	-0.165					
cg12236368	6	66,337,526	0.001389	-0.257	-0.226				<i>EYS</i>	5'UTR
cg19449919	19	3,232,085	0.004465	-0.257	-0.141				<i>BRUNOL5</i>	Body
cg26598831	8	64,681,200	0.000523	-0.257	-0.224					
cg22924840	2	127,646,404	0.000199	-0.257	-0.241					
cg27228660	3	162,705,203	5.93E-05	-0.257	-0.278					
cg14769021	3	39,231,122	4.78E-14	-0.257	-0.219				<i>XIRP1</i>	5'UTR
cg02431964	2	119,700,029	0.000732	-0.258	-0.216	1.02E-07	-0.139		<i>MARCO</i>	Body
cg19212391	17	72,432,790	5.86E-07	-0.258	-0.263				<i>GPRC5C</i>	Body
cg27135989	8	61,088,342	0.009283	-0.258	-0.273					

cg06218678	8	73,066,895	2.65E-05	-0.258	-0.262					
cg06394103	2	116,480,197	1.12E-06	-0.258	-0.235				<i>DPP10</i>	Body
cg10930290	2	219,840,349	1.74E-12	-0.258	-0.249				<i>LOC151300</i>	TSS1500
cg09886921	15	45,810,535	0.002064	-0.258	-0.237				<i>SLC30A4</i>	Body
cg04677581	7	158,625,220	1.58E-05	-0.258	-0.239					
cg19453059	20	29,955,259	5.89E-05	-0.258	-0.250				<i>DEFB118</i>	TSS1500
cg23295683	14	81,998,796	2.43E-09	-0.258	-0.227				<i>SEL1L</i>	Body
cg25202411	10	135,002,976	0.008273	-0.258	-0.091				<i>KNDC1</i>	Body
cg02683577	2	88,716,767	0.009364	-0.258	-0.200					
cg13615592	15	101,420,708	6.94E-17	-0.258	-0.258				<i>ALDH1A3</i>	Body
cg01814027	8	71,923,401	0.006265	-0.258	-0.296					
cg02217063	16	6,348,709	0.000301	-0.258	-0.256				<i>A2BP1</i>	5'UTR
cg00182421	3	170,586,396	0.000309	-0.258	-0.206				<i>RPL22L1</i>	Body
cg26308293	2	125,357,655	0.00145	-0.258	-0.194				<i>CNTNAP5</i>	Body
cg14583999	3	10,019,040	1.03E-06	-0.258	-0.216				<i>TMEM111</i>	Body
cg20426713	1	84,763,338	1.46E-05	-0.258	-0.295				<i>SAMD13</i>	TSS1500
cg14352362	20	5,293,433	0.00375	-0.258	-0.188				<i>PROKR2</i>	Body
cg18625409	6	133,783,544	0.005357	-0.258	-0.227				<i>EYA4</i>	Body
cg08097817	21	32,255,313	0.037613	-0.258	-0.141				<i>KRTAP11-1</i>	TSS1500
cg27454698	12	130,420,666	0.000264	-0.258	-0.221					
cg08457298	8	110,693,280	3.48E-09	-0.258	-0.258			Yes	<i>GOLSYN</i>	5'UTR
cg25626375	8	133,072,269	0.000141	-0.258	-0.240				<i>OC90</i>	TSS1500
cg22602513	1	160,429,714	2.39E-09	-0.258	-0.244					
cg03399210	8	37,616,064	8.08E-10	-0.258	-0.232					
cg18170680	22	49,444,372	0.000581	-0.258	-0.166					
cg18743793	7	50,464,661	0.005928	-0.258	-0.216				<i>IKZF1</i>	Body
cg22515937	1	157,790,499	0.000331	-0.258	-0.190			Yes	<i>FCRL1</i>	TSS1500
cg24539090	1	158,978,504	0.001662	-0.258	-0.204				<i>IFI16</i>	TSS1500
cg20703581	7	9,768,723	0.002612	-0.258	-0.175					
cg03041055	1	192,154,460	0.001275	-0.258	-0.196				<i>RGS18</i>	3'UTR
cg16109680	1	159,161,344	5.35E-05	-0.258	-0.275				<i>CADM3</i>	Body
cg00551647	21	27,943,730	0.000531	-0.258	-0.208				<i>CYYR1</i>	Body
cg25187049	8	73,848,484	0.013764	-0.258	-0.202				<i>KCNB2</i>	Body
cg25375297	6	133,783,563	0.031364	-0.258	-0.167				<i>EYA4</i>	Body

cg06193232	17	62,161,106	9.92E-07	-0.258	-0.247				<i>ERN1</i>	Body
cg09529454	17	55,094,077	0.000003	-0.258	-0.242					
cg01557738	22	49,812,057	0.000963	-0.258	-0.166					
cg18605349	6	99,007,865	0.001303	-0.258	-0.223					
cg26428069	2	134,326,273	4.77E-08	-0.258	-0.249				<i>NCKAP5</i>	TSS1500
cg25024214	1	157,895,596	5.82E-06	-0.258	-0.222					
cg06788355	4	100,613,955	5.13E-07	-0.258	-0.269					
cg17913570	Y	9,382,523	5.36E-05	-0.258	-0.247					
cg03599774	2	84,122,914	0.001398	-0.258	-0.199					
cg17639493	11	124,055,283	0.000425	-0.258	-0.204					
cg00183606	2	84,517,474	0.010032	-0.258	-0.166				<i>LOC388965</i>	TSS1500
cg20130965	17	51,899,837	0.002059	-0.258	-0.209				<i>KIF2B</i>	TSS1500
cg14603046	7	152,157,902	1.24E-08	-0.258	-0.245					
cg08628006	13	19,243,756	0.000128	-0.258	-0.271					
cg24968692	7	131,032,645	5.67E-15	-0.258	-0.244				<i>MKLN1</i>	Body
cg26488544	11	106,351,597	0.017277	-0.258	-0.264					
cg04858536	1	181,558,481	0.011487	-0.258	-0.322				<i>CACNA1E</i>	Body
cg00374101	8	87,878,605	0.000849	-0.258	-0.193				<i>CNBD1</i>	TSS200
cg13433687	9	26,293,669	0.006793	-0.258	-0.147					
cg15336893	11	67,210,282	8.97E-12	-0.258	-0.253				<i>CORO1B</i>	5'UTR
cg08161081	20	34,327,466	8.84E-10	-0.258	-0.263				<i>RBM39</i>	Body
cg03046466	16	1,005,503	0.005281	-0.258	-0.321			Yes	<i>LMF1</i>	Body
cg04074481	12	4,917,740	0.003731	-0.258	-0.197				<i>KCNA6</i>	TSS1500
cg12475142	17	79,012,396	1.61E-10	-0.258	-0.228				<i>BAIAP2</i>	Body
cg04598095	X	52,685,166	0.001217	-0.258	-0.216				<i>SSX7</i>	TSS1500
cg05518130	7	70,666,259	6.29E-10	-0.258	-0.250				<i>WBSCR17</i>	Body
cg25973354	19	1,395,646	0.000353	-0.258	-0.231					
cg10548708	3	38,175,456	3.63E-06	-0.258	-0.221				<i>ACAA1</i>	Body
cg06035708	16	6,073,509	4.58E-11	-0.258	-0.281				<i>A2BP1</i>	5'UTR
cg13608458	14	43,653,106	0.001314	-0.258	-0.185					
cg18185596	1	195,023,534	0.014784	-0.258	-0.208					
cg16511229	7	130,126,153	0.001401	-0.258	-0.304				<i>MEST</i>	1stExon
cg07825955	7	63,014,468	0.005932	-0.259	-0.202					
cg13985135	1	155,641,827	6.47E-08	-0.259	-0.239				<i>YY1AP1</i>	Body

cg25591428	1	247,677,638	3.62E-06	-0.259	-0.217					
cg00562107	11	37,532,293	0.008713	-0.259	-0.170					
cg14047153	5	1,093,797	0.038337	-0.259	-0.089				<i>SLC12A7</i>	Body
cg08759276	16	86,644,262	1.01E-05	-0.259	-0.164					
cg17547296	8	32,461,618	0.000206	-0.259	-0.214				<i>NRG1</i>	Body
cg10786550	13	32,716,659	3.37E-05	-0.259	-0.242				<i>FRY</i>	Body
cg02659138	7	134,003,124	9.11E-09	-0.259	-0.276				<i>SLC35B4</i>	TSS1500
cg03376340	16	5,803,496	0.010112	-0.259	-0.174			Yes		
cg06473675	2	237,174,072	1.1E-06	-0.259	-0.263				<i>ASB18</i>	TSS1500
cg11052983	10	134,473,574	0.002412	-0.259	-0.238				<i>INPP5A</i>	Body
cg25940557	1	158,575,177	1.11E-07	-0.259	-0.264				<i>OR10Z1</i>	TSS1500
cg16678925	17	3,100,972	6.4E-05	-0.259	-0.222	1.63E-20	-0.204		<i>OR1A2</i>	1stExon
cg14647335	7	55,712,936	3.88E-07	-0.259	-0.269				<i>LOC442308</i>	TSS1500
cg21449397	12	113,305,783	0.000151	-0.259	-0.212				<i>RPH3A</i>	Body
cg26959300	12	132,172,421	6.66E-05	-0.259	-0.206					
cg23713998	14	30,375,102	3.34E-07	-0.259	-0.255				<i>PRKD1</i>	Body
cg01025095	5	4,101,132	0.039935	-0.259	-0.098					
cg13963735	8	106,810,858	0.036064	-0.259	-0.208				<i>ZFPM2</i>	Body
cg17137218	1	3,331,278	1.49E-05	-0.259	-0.176				<i>PRDM16</i>	Body
cg22791700	17	5,490,686	2.63E-06	-0.259	-0.267					
cg16464506	8	88,034,230	0.002918	-0.259	-0.277			Yes	<i>CNBD1</i>	Body
cg09478478	1	158,322,845	0.015216	-0.259	-0.162	0.00116116	-0.120		<i>CD1E</i>	TSS1500
cg21307628	3	112,360,952	2.96E-08	-0.259	-0.249	4.54E-29	-0.295		<i>CCDC80</i>	TSS1500
cg10803767	2	231,688,923	9.42E-11	-0.259	-0.256					
cg26207909	14	103,986,467	0.012657	-0.259	-0.195				<i>CKB</i>	Body
cg04275239	10	132,912,961	4.63E-07	-0.259	-0.257				<i>TCERG1L</i>	Body
cg13209892	8	19,174,316	2.11E-07	-0.259	-0.213				<i>SH2D4A</i>	5'UTR
cg21769093	7	49,819,689	0.009776	-0.259	-0.329				<i>VWC2</i>	Body
cg04931808	14	49,274,525	0.001793	-0.259	-0.230					
cg15973075	5	12,355,075	0.000198	-0.259	-0.267					
cg00762636	20	6,191,508	0.02031	-0.259	-0.158					
cg21794066	17	22,023,552	0.00152	-0.259	-0.156					
cg01164202	8	71,579,983	0.000156	-0.259	-0.234				<i>LACTB2</i>	Body
cg21295295	1	156,256,448	0.000177	-0.259	-0.235				<i>TMEM79</i>	Body



cg07130714	3	168,335,941	1.05E-05	-0.259	-0.262				<i>C3orf50</i>	Body
cg14479344	3	108,126,795	1E-11	-0.259	-0.247				<i>MYH15</i>	Body
cg17129017	19	4,566,400	0.009621	-0.259	-0.111					
cg26630859	5	173,738,315	5.01E-05	-0.259	-0.181					
cg15451248	3	155,570,809	2.54E-13	-0.259	-0.277				<i>SLC33A1</i>	Body
cg18902109	13	103,821,520	0.001159	-0.259	-0.242					
cg19724485	11	55,999,683	0.004789	-0.259	-0.241				<i>OR5T2</i>	1stExon
cg21864732	3	82,014,264	9.32E-05	-0.259	-0.301					
cg10103906	11	125,744,170	0.003996	-0.259	-0.178					
cg10347418	1	23,693,926	9.15E-05	-0.259	-0.246	6.37E-34	-0.252		<i>ZNF436</i>	Body
cg19244064	10	103,991,857	3.85E-10	-0.259	-0.262				<i>PITX3</i>	5'UTR
cg07165610	3	39,231,277	2.2E-09	-0.259	-0.235				<i>XIRP1</i>	5'UTR
cg13662778	4	155,533,883	6E-08	-0.259	-0.225				<i>FGG</i>	5'UTR
cg12472449	17	79,022,879	0.035614	-0.259	-0.158				<i>BAIAP2</i>	Body
cg26309194	21	42,880,557	6.42E-14	-0.259	-0.260				<i>TMPRSS2</i>	TSS1500
cg05558615	17	5,820,161	3.34E-05	-0.259	-0.210					
cg09650731	16	46,823,623	2.8E-12	-0.259	-0.231					
cg23893406	1	81,918,997	5.59E-09	-0.259	-0.233					
cg07797208	19	57,642,998	0.015745	-0.259	-0.144				<i>USP29</i>	3'UTR
cg08259755	8	56,437,720	0.008502	-0.259	-0.167				<i>XKR4</i>	3'UTR
cg11577329	5	1,093,738	7.45E-06	-0.259	-0.208				<i>SLC12A7</i>	Body
cg04958280	4	1,720,439	3.75E-16	-0.259	-0.257				<i>TMEM129</i>	Body
cg12256941	18	13,026,680	2.46E-06	-0.259	-0.232				<i>CEP192</i>	Body
cg18241967	11	7,098,472	1.86E-06	-0.259	-0.267					
cg23201676	15	32,569,053	4.3E-12	-0.259	-0.265					
cg14440205	14	101,487,928	0.001176	-0.259	-0.218				<i>MIR379</i>	TSS1500
cg00748911	10	44,450,977	0.00824	-0.259	-0.279					
cg00176740	7	39,472,716	0.030702	-0.259	-0.147				<i>POU6F2</i>	Body
cg05068156	6	29,408,587	0.001869	-0.259	-0.222				<i>OR10C1</i>	1stExon
cg11389889	20	2,634,874	1.81E-06	-0.259	-0.220				<i>NOP56</i>	Body
cg25998666	11	64,780,896	3.49E-08	-0.259	-0.248				<i>ARL2</i>	TSS1500
cg22864462	8	3,706,763	0.00345	-0.259	-0.209				<i>CSMD1</i>	Body
cg06372233	2	79,252,027	0.003094	-0.259	-0.190				<i>REG3G</i>	TSS1500
cg18580274	6	30,070,074	2.3E-06	-0.259	-0.266					

cg09517450	5	1,209,057	0.010525	-0.260	-0.192				<i>SLC6A19</i>	Body
cg22626866	19	22,318,466	0.008027	-0.260	-0.186					
cg14444710	16	2,587,080	4.36E-05	-0.260	-0.199				<i>PDPK1</i>	TSS1500
cg07074042	22	30,783,944	2.03E-07	-0.260	-0.212				<i>RNF215</i>	TSS1500
cg00050873	Y	9,363,356	0.005044	-0.260	-0.171				<i>TSPY4</i>	Body
cg04184716	14	75,084,887	3.4E-11	-0.260	-0.266					
cg05262224	16	86,482,459	0.0415	-0.260	-0.160					
cg24884217	6	32,038,155	0.000245	-0.260	-0.189				<i>TNXB</i>	Body
cg20663846	17	39,254,439	4.77E-05	-0.260	-0.170				<i>KRTAP4-8</i>	TSS200
cg24082880	2	119,496,816	0.001512	-0.260	-0.214					
cg26555149	3	10,011,470	2.26E-05	-0.260	-0.164				<i>TMEM111</i>	Body
cg03603542	3	192,606,870	0.000571	-0.260	-0.179				<i>C3orf59</i>	Body
cg14817783	2	170,551,745	0.000702	-0.260	-0.296				<i>PHOSPHO2</i>	5'UTR
cg20608966	18	74,113,813	3.06E-10	-0.260	-0.236				<i>ZNF516</i>	Body
cg19642505	6	30,224,156	0.000439	-0.260	-0.179					
cg23655769	7	56,358,512	1.82E-09	-0.260	-0.221					
cg10449091	7	1,783,609	1.31E-07	-0.260	-0.233				<i>ELFN1</i>	5'UTR
cg02882755	6	34,100,963	0.001153	-0.260	-0.231				<i>GRM4</i>	1stExon
cg07694806	3	18,168,406	0.00016	-0.260	-0.264					
cg16658337	5	1,468,749	3.33E-06	-0.260	-0.193				<i>LPCAT1</i>	Body
cg19807836	1	198,357,038	0.004532	-0.260	-0.180					
cg23976846	3	168,794,896	0.000271	-0.260	-0.185					
cg05471509	13	114,109,420	0.040134	-0.260	-0.348					
cg12460175	22	18,268,062	9.36E-05	-0.260	-0.257					
cg20671415	1	152,976,275	0.009515	-0.260	-0.178				<i>SPRR3</i>	3'UTR
cg04788987	14	48,096,041	0.015442	-0.260	-0.200				<i>MDGA2</i>	Body
cg13845858	9	139,916,992	3.8E-05	-0.260	-0.254				<i>ABCA2</i>	Body
cg22835712	2	102,737,379	1.09E-08	-0.260	-0.251					
cg18049099	12	124,832,556	5.82E-09	-0.260	-0.227				<i>NCOR2</i>	Body
cg20761853	17	76,850,198	1.03E-08	-0.260	-0.259				<i>TIMP2</i>	3'UTR
cg01353670	3	112,512,556	1.84E-07	-0.260	-0.286					
cg05662884	2	126,595,338	0.000735	-0.260	-0.239					
cg22586603	8	129,985,596	0.00113	-0.260	-0.241					
cg02628680	6	32,015,618	3.57E-06	-0.260	-0.191				<i>TNXB</i>	Body

cg07375700	1	2,013,507	4.62E-10	-0.260	-0.270				<i>PRKCZ</i>	Body
cg02902186	8	118,683,119	0.002821	-0.260	-0.234					
cg06021880	12	50,105,418	2.56E-05	-0.260	-0.237					
cg13787610	11	78,618,572	1.21E-09	-0.260	-0.279				<i>ODZ4</i>	Body
cg06084312	1	243,139,525	0.001098	-0.260	-0.216					
cg23688713	7	93,967,090	0.006783	-0.260	-0.404					
cg00276455	6	54,904,638	0.002419	-0.260	-0.228					
cg11976592	6	76,078,187	1.61E-07	-0.260	-0.269				<i>FILIP1</i>	Body
cg23204096	6	169,768,053	0.000108	-0.260	-0.192					
cg16198416	4	155,669,266	0.000308	-0.260	-0.152				<i>LRAT</i>	Body
cg12990639	2	119,471,314	0.004016	-0.260	-0.222					
cg20554761	7	38,469,054	0.000481	-0.260	-0.216				<i>AMPH</i>	Body
cg00071727	13	98,869,894	5.91E-06	-0.260	-0.247				<i>FARP1</i>	Body
cg10090241	1	15,932,434	3.88E-09	-0.260	-0.264					
cg25817165	18	72,167,213	7.12E-07	-0.260	-0.201				<i>CNDP2</i>	1stExon
cg03862437	3	194,353,432	0.002574	-0.260	-0.244				<i>TMEM44</i>	Body
cg04367107	11	88,238,963	0.003033	-0.260	-0.132				<i>GRM5</i>	3'UTR
cg06747362	21	26,955,262	1.08E-05	-0.260	-0.210				<i>C21orf71</i>	Body
cg17978103	20	56,272,305	1.39E-05	-0.260	-0.295				<i>PMEPA1</i>	5'UTR
cg27000831	17	32,645,748	0.001398	-0.260	-0.255	2.87E-10	-0.215		<i>CCL8</i>	TSS1500
cg03142256	3	75,958,299	5.33E-06	-0.260	-0.242			Yes		
cg03473809	4	155,672,265	3.25E-05	-0.260	-0.204				<i>LRAT</i>	3'UTR
cg00781388	16	86,995,081	0.009137	-0.260	-0.181					
cg11019127	11	115,369,647	4.11E-10	-0.260	-0.216				<i>CADM1</i>	Body
cg12773197	13	112,238,673	0.049058	-0.261	-0.074					
cg25640096	6	1,374,513	1.05E-05	-0.261	-0.226					
cg18394995	X	48,901,652	1.16E-10	-0.261	-0.246				<i>TFE3</i>	TSS1500
cg03043804	14	96,152,706	0.003194	-0.261	-0.220				<i>TCL1B</i>	TSS200
cg27093637	11	5,410,452	0.00923	-0.261	-0.265				<i>OR51M1</i>	TSS200
cg02160684	8	126,448,033	9.59E-05	-0.261	-0.290				<i>TRIB1</i>	Body
cg02195405	8	7,650,102	0.001433	-0.261	-0.189					
cg04421974	8	134,224,814	0.000168	-0.261	-0.308				<i>WISP1</i>	Body
cg18385570	19	15,052,282	0.007652	-0.261	-0.252				<i>OR7C2</i>	TSS200
cg09075149	5	663,895	3.64E-06	-0.261	-0.197				<i>TPPP</i>	3'UTR

cg16107470	5	12,865,512	2.75E-08	-0.261	-0.236					
cg07879977	16	3,254,567	0.002038	-0.261	-0.206	4.75E-10	-0.110		<i>OR1F1</i>	1stExon
cg18578954	6	28,887,247	6.94E-07	-0.261	-0.245				<i>TRIM27</i>	Body
cg04221650	1	152,681,887	0.002513	-0.261	-0.257				<i>LCE4A</i>	1stExon
cg24070963	6	64,734,843	0.010158	-0.261	-0.222				<i>EYS</i>	Body
cg25520146	8	133,574,073	0.028829	-0.261	-0.195				<i>HPYR1</i>	TSS1500
cg13419214	Y	6,341,961	0.001167	-0.261	-0.246				<i>TTY8B</i>	TSS1500
cg01520297	10	134,456,336	0.00724	-0.261	-0.136				<i>INPP5A</i>	Body
cg09424682	3	191,670,257	0.007606	-0.261	-0.164					
cg08448622	6	31,026,105	0.018796	-0.261	-0.149				<i>HCG22</i>	Body
cg18815018	14	22,315,066	0.000367	-0.261	-0.259					
cg19247310	11	59,132,298	0.005446	-0.261	-0.224				<i>OR5AN1</i>	1stExon
cg02832905	18	75,591,983	0.020024	-0.261	-0.083					
cg06624020	19	58,632,805	0.006117	-0.261	-0.216					
cg11346722	6	34,512,215	0.005884	-0.261	-0.210				<i>SPDEF</i>	Body
cg18577167	13	74,805,590	1.85E-07	-0.261	-0.228					
cg20817363	8	143,560,651	2.46E-06	-0.261	-0.281				<i>BAI1</i>	Body
cg02631868	2	242,190,788	5.39E-07	-0.261	-0.229				<i>HDLBP</i>	Body
cg04570362	1	9,871,402	7.53E-09	-0.261	-0.265				<i>CLSTN1</i>	Body
cg04898487	16	10,272,607	0.000218	-0.261	-0.214				<i>GRIN2A</i>	Body
cg08014964	17	10,372,972	1.36E-07	-0.261	-0.268				<i>MYH4</i>	TSS200
cg12157582	5	84,844,201	0.02867	-0.261	-0.092					
cg18641908	1	4,129,718	9.74E-07	-0.261	-0.207			Yes		
cg07900024	20	29,896,456	0.003959	-0.261	-0.154				<i>DEFB116</i>	TSS200
cg22164891	20	52,199,729	3.98E-11	-0.261	-0.276				<i>ZNF217</i>	TSS200
cg25377796	4	8,643,957	0.040801	-0.261	-0.153					
cg04429994	16	51,093,890	0.003283	-0.261	-0.215					
cg26623696	11	90,797,970	0.001135	-0.261	-0.158					
cg06787316	14	52,273,865	0.001692	-0.261	-0.220					
cg03002968	1	158,670,397	0.009238	-0.261	-0.158				<i>OR6K2</i>	1stExon
cg25573386	12	18,890,579	0.001271	-0.261	-0.318	2.7E-10	-0.183		<i>CAPZA3</i>	TSS1500
cg11132336	7	54,705,907	0.005893	-0.261	-0.180					
cg14128018	5	4,399,620	0.008943	-0.261	-0.155					
cg18149307	2	88,382,160	0.004551	-0.261	-0.240				<i>SMYD1</i>	Body

cg02965283	2	39,952,015	2.09E-12	-0.261	-0.252					
cg26120477	10	125,367,374	0.001598	-0.261	-0.246					
cg20758834	4	114,262,093	0.002415	-0.261	-0.131				<i>ANK2</i>	Body
cg22228134	14	25,078,609	0.003979	-0.261	-0.170	0.00201436	-0.074		<i>GZMH</i>	Body
cg02122540	8	142,518,658	1.99E-06	-0.261	-0.274				<i>FLJ43860</i>	TSS1500
cg12510512	7	1,717,187	2.19E-07	-0.261	-0.183					
cg27321439	20	44,656,559	0.002717	-0.261	-0.220				<i>SLC12A5</i>	TSS1500
cg15615022	13	19,756,254	0.007071	-0.261	-0.149				<i>TUBA3C</i>	TSS1500
cg01678091	15	23,890,686	7.43E-06	-0.261	-0.235	3.68E-17	-0.129		<i>MAGEL2</i>	1stExon
cg08177968	16	59,788,728	0.017657	-0.261	-0.200				<i>LOC644649</i>	Body
cg26681414	1	111,934,770	3.66E-08	-0.261	-0.263					
cg23594882	7	54,487,346	0.026704	-0.261	-0.135					
cg17144305	1	233,432,923	1.86E-06	-0.261	-0.193				<i>PCNXL2</i>	TSS1500
cg17473656	4	190,286,944	0.002067	-0.261	-0.203					
cg08235522	4	5,186,748	0.008931	-0.261	-0.211				<i>STK32B</i>	Body
cg01190800	4	1,539,702	0.000911	-0.261	-0.170					
cg03863499	3	191,670,165	0.006282	-0.261	-0.220					
cg06169041	4	166,306,860	3.02E-06	-0.261	-0.223				<i>MIR578</i>	TSS1500
cg17488500	1	154,307,007	4.6E-10	-0.261	-0.252				<i>ATP8B2</i>	Body
cg06646708	6	18,123,224	7.65E-05	-0.261	-0.233				<i>NHLRC1</i>	TSS1500
cg26554141	8	111,342,449	1.19E-11	-0.261	-0.261					
cg03577128	3	148,050,624	3.74E-06	-0.261	-0.226					
cg07511098	13	22,494,901	4.19E-05	-0.261	-0.228					
cg13048903	13	21,755,056	3.92E-13	-0.261	-0.231					
cg24881910	1	157,672,074	6.55E-05	-0.261	-0.247				<i>FCRL3</i>	TSS1500
cg03768717	12	131,787,828	0.006263	-0.261	-0.170					
cg25733797	11	18,033,296	3.72E-10	-0.261	-0.261				<i>SERGEF</i>	Body
cg27534912	1	158,258,802	0.000566	-0.261	-0.220				<i>CD1C</i>	TSS1500
cg21778835	11	132,016,192	0.001101	-0.261	-0.185				<i>NTM</i>	Body
cg13089406	8	89,218,697	8.82E-05	-0.261	-0.206				<i>MMP16</i>	Body
cg27128734	19	51,411,940	2.31E-17	-0.262	-0.249				<i>KLK4</i>	Body
cg21293902	19	49,994,097	0.000214	-0.262	-0.191				<i>SNORD34</i>	TSS200
cg25995212	2	167,342,984	0.007144	-0.262	-0.210	2.56E-08	-0.187		<i>SCN7A</i>	5'UTR
cg15036529	1	158,900,644	0.001354	-0.262	-0.298				<i>PYHIN1</i>	TSS1500

cg23253674	6	169,287,939	2.95E-09	-0.262	-0.273					
cg19159011	7	50,348,870	0.017358	-0.262	-0.270				<i>IKZF1</i>	5'UTR
cg27428744	16	65,508,251	0.000674	-0.262	-0.186				<i>LOC283867</i>	Body
cg00718036	4	108,745,325	9.69E-21	-0.262	-0.248				<i>SGMS2</i>	TSS1500
cg20283505	1	175,490,611	6.95E-07	-0.262	-0.237				<i>TNR</i>	5'UTR
cg16459667	5	161,124,759	0.00624	-0.262	-0.226				<i>GABRA6</i>	Body
cg14800603	5	178,424,364	0.000452	-0.262	-0.174					
cg08583231	4	22,999,086	0.043434	-0.262	-0.144					
cg05032957	11	7,869,872	0.000169	-0.262	-0.242				<i>OR5E1P</i>	TSS1500
cg12185975	8	131,773,696	0.001055	-0.262	-0.278					
cg06448442	6	137,494,919	0.005416	-0.262	-0.208				<i>IL22RA2</i>	TSS200
cg09631175	8	130,472,165	0.013817	-0.262	-0.274					
cg17870569	2	84,513,930	9.35E-07	-0.262	-0.259					
cg15909737	3	69,811,645	6.59E-09	-0.262	-0.254				<i>MITF</i>	TSS1500
cg03014957	20	29,956,062	0.010379	-0.262	-0.095				<i>DEFB118</i>	TSS1500
cg07141605	12	133,005,406	1.24E-09	-0.262	-0.259					
cg07344468	11	127,811,816	6.69E-07	-0.262	-0.221					
cg15452017	4	46,737,312	0.003841	-0.262	-0.210				<i>COX7B2</i>	5'UTR
cg17928317	X	140,982,278	0.030634	-0.262	-0.135				<i>MAGEC3</i>	Body
cg20678800	1	115,857,431	3.01E-09	-0.262	-0.291			Yes	<i>NGF</i>	5'UTR
cg06201717	1	2,949,633	0.003892	-0.262	-0.098					
cg17651760	12	9,389,499	0.029362	-0.262	-0.190					
cg15604242	19	11,450,739	8.21E-11	-0.262	-0.257				<i>RAB3D</i>	TSS1500
cg04874562	11	5,462,540	0.000903	-0.262	-0.260				<i>OR51I1</i>	1stExon
cg15580075	11	129,871,059	8.45E-07	-0.262	-0.208				<i>NCRNA00167</i>	TSS1500
cg18236250	4	16,791,106	0.008526	-0.262	-0.200				<i>LDB2</i>	Body
cg24787357	4	39,457,832	5.95E-05	-0.262	-0.272				<i>RPL9</i>	Body
cg23689219	1	159,408,079	6.84E-07	-0.262	-0.220				<i>OR10J1</i>	TSS1500
cg25516151	8	18,413,889	9.36E-05	-0.262	-0.236				<i>PSD3</i>	Body
cg16411152	4	175,839,604	0.023887	-0.262	-0.160	0.00017724	-0.086		<i>ADAM29</i>	1stExon
cg22688043	11	55,944,198	0.015075	-0.262	-0.167			Yes	<i>OR5J2</i>	1stExon
cg23054121	11	2,423,159	1.85E-06	-0.262	-0.265				<i>TSSC4</i>	TSS1500
cg07855575	5	25,393,894	5.01E-09	-0.262	-0.252					
cg20147595	8	110,349,212	1.86E-07	-0.262	-0.286				<i>ENY2</i>	Body

cg25403442	10	134,810,102	0.000227	-0.262	-0.222					
cg06233731	12	18,890,872	0.001919	-0.262	-0.262				<i>PLCZ1</i>	1stExon
cg11708223	8	6,638,123	0.000215	-0.262	-0.217					
cg16013670	1	241,804,175	2.19E-08	-0.262	-0.256				<i>OPN3</i>	TSS1500
cg23591609	12	70,092,840	8.98E-08	-0.262	-0.253				<i>BEST3</i>	5'UTR
cg14258504	12	49,189,285	1.35E-08	-0.262	-0.249					
cg25451456	11	5,967,520	0.000183	-0.262	-0.241				<i>OR56A3</i>	TSS1500
cg06705862	3	128,151,236	1.18E-05	-0.262	-0.273					
cg05530612	10	125,618,545	0.000232	-0.262	-0.203				<i>CPXM2</i>	Body
cg00250645	8	72,534,391	0.017828	-0.262	-0.134					
cg00894567	10	44,670,010	0.00046	-0.262	-0.226					
cg19554569	11	5,364,833	0.002303	-0.262	-0.242				<i>OR51B5</i>	TSS200
cg23602690	11	122,010,222	1.49E-06	-0.262	-0.268				<i>LOC399959</i>	Body
cg19812613	3	108,672,872	0.014848	-0.262	-0.163				<i>GUCA1C</i>	TSS200
cg09923769	16	9,918,288	0.007942	-0.262	-0.287				<i>GRIN2A</i>	Body
cg02635786	10	115,939,284	0.019314	-0.262	-0.373				<i>TDRD1</i>	5'UTR
cg23934819	11	124,788,965	2.37E-06	-0.262	-0.271			Yes	<i>HEPN1</i>	TSS200
cg00423453	11	5,372,944	0.005057	-0.262	-0.255				<i>OR51B6</i>	1stExon
cg12448298	2	115,822,039	0.011859	-0.262	-0.200				<i>DPP10</i>	Body
cg18444099	7	154,703,905	1.08E-10	-0.262	-0.250					
cg21179255	X	152,772,707	7.63E-08	-0.262	-0.232				<i>BGN</i>	Body
cg10440524	10	83,728,257	1.17E-05	-0.262	-0.215				<i>NRG3</i>	Body
cg13088038	2	113,923,196	5.27E-05	-0.262	-0.315				<i>LOC440839</i>	Body
cg13115222	1	203,670,963	1.24E-10	-0.262	-0.242				<i>ATP2B4</i>	Body
cg01129320	13	102,064,942	0.003457	-0.262	-0.104				<i>NALCN</i>	5'UTR
cg02313922	3	59,560,961	1.46E-09	-0.262	-0.266					
cg09299053	7	57,509,762	0.044327	-0.262	-0.136				<i>ZNF716</i>	TSS200
cg27497038	10	125,401,743	2.44E-05	-0.262	-0.202					
cg09169356	10	2,323,382	0.003065	-0.263	-0.210					
cg13416109	16	33,259,538	0.004089	-0.263	-0.195				<i>TP53TG3B</i>	TSS1500
cg21140628	1	153,351,569	0.008944	-0.263	-0.126					
cg26893816	5	33,997,223	0.035889	-0.263	-0.214				<i>AMACR</i>	Body
cg01349088	20	30,012,193	0.001044	-0.263	-0.267				<i>DEFB122</i>	Body
cg19157199	6	155,777,867	0.000288	-0.263	-0.188				<i>NOX3</i>	TSS1500

cg23545828	10	125,454,530	0.00053	-0.263	-0.203				<i>GPR26</i>	3'UTR
cg06084210	13	103,754,324	0.02183	-0.263	-0.232					
cg16922523	11	115,292,945	1.46E-05	-0.263	-0.239				<i>CADM1</i>	Body
cg08417857	13	102,057,990	0.000226	-0.263	-0.209				<i>NALCN</i>	5'UTR
cg16486109	11	613,632	1.97E-07	-0.263	-0.268				<i>IRF7</i>	Body
cg01708091	6	28,552,674	0.007153	-0.263	-0.162				<i>SCAND3</i>	Body
cg08748890	11	127,063,061	0.008436	-0.263	-0.230					
cg24015747	19	4,323,081	0.00309	-0.263	-0.342				<i>FSD1</i>	Body
cg26673722	4	68,776,652	1.4E-09	-0.263	-0.214				<i>TMPRSS11A</i>	3'UTR
cg00372249	4	185,745,711	5.71E-05	-0.263	-0.241				<i>ACSL1</i>	5'UTR
cg02919712	8	120,885,511	1.84E-08	-0.263	-0.265				<i>DEPDC6</i>	TSS1500
cg08290845	20	30,065,523	0.009614	-0.263	-0.203				<i>REM1</i>	Body
cg04317344	13	113,426,023	3.27E-06	-0.263	-0.235				<i>ATP11A</i>	Body
cg20826576	1	170,636,223	0.000645	-0.263	-0.250				<i>PRRX1</i>	Body
cg06246646	8	114,992,667	0.005863	-0.263	-0.243					
cg00005166	16	3,264,442	0.000106	-0.263	-0.217				<i>OR1F2P</i>	TSS1500
cg01446270	16	7,570,558	0.000533	-0.263	-0.221				<i>A2BP1</i>	Body
cg17005937	4	190,529,320	4.88E-05	-0.263	-0.230					
cg27167613	19	42,569,967	0.004461	-0.263	-0.168				<i>GRIK5</i>	TSS200
cg24946204	5	177,020,109	3.47E-05	-0.263	-0.195				<i>TMED9</i>	Body
cg23914535	11	87,885,119	0.006967	-0.263	-0.127				<i>RAB38</i>	Body
cg04029738	17	80,049,290	8.36E-09	-0.263	-0.223				<i>FASN</i>	Body
cg08550748	6	66,999,374	0.010967	-0.263	-0.205			Yes		
cg17019184	10	133,508,039	0.019415	-0.263	-0.168					
cg03773636	3	192,769,633	0.010982	-0.263	-0.163					
cg07469742	12	132,113,315	4.54E-05	-0.263	-0.217					
cg10944063	2	120,233,706	5.09E-08	-0.263	-0.240				<i>SCTR</i>	Body
cg26574247	17	77,712,786	3.65E-05	-0.263	-0.225				<i>ENPP7</i>	3'UTR
cg24956176	17	33,542,219	1.69E-05	-0.263	-0.242					
cg06992213	6	22,718,574	7.55E-10	-0.263	-0.269					
cg14662886	3	39,450,018	6.93E-09	-0.263	-0.259				<i>SNORA6</i>	Body
cg18766791	7	64,295,458	6.9E-06	-0.264	-0.258					
cg12713040	20	62,562,546	0.012945	-0.264	-0.352				<i>DNAJC5</i>	Body
cg23302998	17	31,888,899	7.34E-12	-0.264	-0.203				<i>ACCN1</i>	Body



cg17928916	17	80,041,824	0.004473	-0.264	-0.130				<i>FASN</i>	Body
cg06588841	4	150,737,126	7.52E-05	-0.264	-0.257					
cg18423626	13	47,994,694	6.69E-05	-0.264	-0.281					
cg15203028	11	1,029,188	1.75E-06	-0.264	-0.193				<i>MUC6</i>	Body
cg13155823	8	80,993,721	6.86E-13	-0.264	-0.253				<i>TPD52</i>	Body
cg00669774	12	127,768,788	0.007208	-0.264	-0.179					
cg03301433	2	242,617,946	9.67E-06	-0.264	-0.267				<i>DTYMK</i>	Body
cg10736337	19	1,439,980	9.82E-14	-0.264	-0.279				<i>RPS15</i>	Body
cg09387970	11	55,433,005	0.00012	-0.264	-0.245				<i>OR4C6</i>	1stExon
cg13917614	17	40,125,660	4.78E-06	-0.264	-0.228				<i>CNP</i>	Body
cg01291204	16	85,670,348	0.016061	-0.264	-0.143				<i>KIAA0182</i>	5'UTR
cg25277462	4	137,199,590	0.000141	-0.264	-0.203			Yes		
cg02897974	13	112,673,923	0.031469	-0.264	-0.071					
cg25104107	1	152,731,590	3.27E-09	-0.264	-0.247				<i>KPRP</i>	5'UTR
cg24119717	5	139,488,731	0.002019	-0.264	-0.213					
cg27160556	11	124,181,099	9.68E-06	-0.264	-0.264				<i>OR8D1</i>	TSS1500
cg09090733	16	32,473,096	0.000103	-0.264	-0.231					
cg00186207	2	134,788,575	0.005981	-0.264	-0.209					
cg13007502	2	208,795,771	1.69E-05	-0.264	-0.275				<i>PLEKHM3</i>	Body
cg07378350	20	34,027,324	1.27E-05	-0.264	-0.275	2.13E-19	-0.191		<i>GDF5</i>	TSS1500
cg23178069	11	21,043,240	0.003065	-0.264	-0.242				<i>NELL1</i>	Body
cg18114036	1	156,260,918	2.54E-11	-0.264	-0.275				<i>TMEM79</i>	Body
cg23468045	5	12,669,584	0.00439	-0.264	-0.215					
cg02965157	1	40,350,001	6.19E-06	-0.264	-0.226				<i>TRIT1</i>	TSS1500
cg02406469	15	83,381,070	0.000418	-0.264	-0.203					
cg07241457	20	61,787,786	0.012097	-0.264	-0.243					
cg08009265	1	153,044,457	0.030162	-0.264	-0.198				<i>SPRR2B</i>	TSS1500
cg09610558	16	87,102,113	0.010644	-0.264	-0.117					
cg22476960	11	124,134,914	4.61E-12	-0.264	-0.265				<i>OR8G1</i>	Body
cg03188793	11	755,658	3.25E-07	-0.264	-0.277				<i>TALDO1</i>	Body
cg27015884	8	64,349,529	0.000758	-0.264	-0.220					
cg14662728	8	32,578,937	0.0004	-0.264	-0.188				<i>NRG1</i>	Body
cg06395652	10	55,568,997	0.009829	-0.264	-0.221				<i>PCDH15</i>	3'UTR
cg15705971	11	92,110,262	1.32E-06	-0.264	-0.289				<i>FAT3</i>	Body

cg20100668	8	88,885,469	0.022797	-0.264	-0.225				<i>DCAF4L2</i>	1stExon
cg26595909	6	32,946,524	1.09E-05	-0.264	-0.309				<i>BRD2</i>	Body
cg02172216	10	131,514,248	8.97E-08	-0.264	-0.279				<i>MGMT</i>	Body
cg11549848	13	24,464,707	6.89E-06	-0.264	-0.254				<i>PCOTH</i>	5'UTR
cg01836096	8	145,578,603	1.85E-05	-0.264	-0.183				<i>C8ORFK29</i>	TSS200
cg02028524	14	92,573,410	2.66E-08	-0.264	-0.242				<i>ATXN3</i>	TSS1500
cg11123303	6	132,946,216	0.000128	-0.264	-0.248				<i>TAAR2</i>	TSS1500
cg00320138	11	124,181,369	0.015362	-0.264	-0.161				<i>OR8D1</i>	TSS1500
cg25536171	13	108,535,144	0.000108	-0.264	-0.260					
cg27638035	18	35,015,753	0.000153	-0.264	-0.225				<i>BRUNOL4</i>	Body
cg10260050	11	118,415,431	4.79E-05	-0.264	-0.259				<i>C11orf60</i>	3'UTR
cg19922435	4	124,694,178	8.82E-07	-0.264	-0.285				<i>LOC285419</i>	Body
cg21052677	7	32,471,406	1.47E-05	-0.264	-0.204					
cg23400451	17	10,373,728	3.88E-05	-0.264	-0.259	0.00000313	-0.154		<i>MYH4</i>	TSS1500
cg25030694	2	134,329,911	0.000158	-0.264	-0.350					
cg17079497	10	53,655,621	0.030816	-0.264	-0.199				<i>PRKG1</i>	Body
cg19761458	7	54,766,273	0.005386	-0.264	-0.147					
cg11385938	7	6,432,590	0.000585	-0.264	-0.286				<i>RAC1</i>	Body
cg09453685	2	56,318,438	0.001856	-0.264	-0.216					
cg06077224	7	977,136	0.000137	-0.264	-0.192				<i>ADAP1</i>	Body
cg19345277	19	57,646,138	2.07E-05	-0.264	-0.205				<i>ZIM3</i>	3'UTR
cg25815219	7	31,827,390	5.21E-05	-0.264	-0.234					
cg17580416	6	44,217,559	5.19E-11	-0.264	-0.251				<i>HSP90AB1</i>	Body
cg07747690	3	168,268,757	0.038504	-0.264	-0.112				<i>MIR551B</i>	TSS1500
cg16341056	X	151,286,548	5.72E-06	-0.264	-0.253				<i>MAGEA5</i>	TSS200
cg09691862	11	90,705,491	0.023485	-0.264	-0.146					
cg16061228	11	118,014,547	3.24E-12	-0.264	-0.215				<i>SCN4B</i>	Body
cg03221073	1	186,157,555	0.001234	-0.264	-0.248				<i>HMCN1</i>	Body
cg01250845	11	82,708,076	1.44E-05	-0.264	-0.303				<i>RAB30</i>	Body
cg14650116	9	140,112,941	3.78E-16	-0.265	-0.249				<i>NDOR1</i>	3'UTR
cg27418402	3	64,008,161	0.000625	-0.265	-0.324				<i>PSMD6</i>	Body
cg01460430	8	79,885,164	2.71E-09	-0.265	-0.231					
cg04261529	5	82,726,149	3.77E-10	-0.265	-0.219					
cg16182465	11	76,371,946	4.67E-08	-0.265	-0.229				<i>LRR32</i>	Body

cg09397692	19	51,304,172	1.06E-10	-0.265	-0.226				<i>SNORD88A</i>	TSS1500
cg13674249	9	86,321,038	7.06E-08	-0.265	-0.268				<i>UBQLN1</i>	Body
cg01889899	15	101,922,827	1.73E-07	-0.265	-0.288				<i>PCSK6</i>	Body
cg07796335	4	59,167,549	5.17E-10	-0.265	-0.266					
cg00909094	3	12,586,368	2.35E-06	-0.265	-0.274					
cg19679302	7	81,238,309	0.00034	-0.265	-0.220					
cg25997796	10	53,350,074	0.003483	-0.265	-0.190				<i>PRKG1</i>	Body
cg05378695	Y	9,528,418	0.001691	-0.265	-0.243				<i>TTY8</i>	TSS1500
cg26631397	2	11,682,864	0.023141	-0.265	-0.148				<i>GREB1</i>	5'UTR
cg18478850	5	176,982,070	0.00056	-0.265	-0.254				<i>FAM193B</i>	TSS1500
cg03011928	16	83,023,240	0.002577	-0.265	-0.312				<i>CDH13</i>	Body
cg10976778	17	76,989,832	0.009356	-0.265	-0.174				<i>CANT1</i>	Body
cg00288844	16	11,835,360	4.57E-12	-0.265	-0.278				<i>TXNDC11</i>	Body
cg12346967	21	32,185,331	0.00667	-0.265	-0.163				<i>KRTAP8-1</i>	1stExon
cg21338153	6	148,880,579	1.21E-11	-0.265	-0.232					
cg07082358	7	102,981,127	2.71E-06	-0.265	-0.266				<i>DNAJC2</i>	Body
cg24775180	12	132,423,699	5.48E-07	-0.265	-0.230				<i>PUS1</i>	Body
cg16599983	6	32,168,969	3.06E-12	-0.265	-0.214				<i>NOTCH4</i>	Body
cg22198397	19	15,067,457	0.000152	-0.265	-0.258				<i>SLC1A6</i>	Body
cg22759800	15	27,787,026	0.005508	-0.265	-0.345					
cg05432034	16	86,743,939	0.012333	-0.265	-0.185					
cg25832529	X	77,915,772	0.002039	-0.265	-0.260				<i>ZCCHC5</i>	TSS1500
cg20137179	1	158,327,383	0.011701	-0.265	-0.194					
cg26303229	11	131,626,205	0.020521	-0.265	-0.226				<i>NTM</i>	Body
cg00127070	8	119,011,673	3.65E-08	-0.265	-0.278				<i>EXT1</i>	Body
cg13496251	1	147,401,791	3.68E-20	-0.265	-0.234				<i>GPR89B</i>	Body
cg05497273	16	6,530,373	0.006148	-0.265	-0.247				<i>A2BP1</i>	5'UTR
cg09758490	4	1,198,524	0.023741	-0.265	-0.314				<i>LOC100130872</i>	Body
cg19175742	15	83,331,452	7.26E-06	-0.265	-0.191				<i>AP3B2</i>	Body
cg01651728	X	145,076,186	0.005067	-0.265	-0.258				<i>MIR890</i>	TSS1500
cg11261655	11	123,988,417	0.001694	-0.265	-0.285				<i>VWA5A</i>	Body
cg04956485	11	5,510,396	0.014137	-0.265	-0.176				<i>OR52D1</i>	1stExon
cg01615475	11	50,227,199	0.005408	-0.265	-0.178					
cg13271206	11	75,109,830	3.67E-05	-0.265	-0.189				<i>RPS3</i>	TSS1500

cg02634141	X	146,313,213	9.91E-05	-0.265	-0.274				<i>MIR507</i>	TSS1500
cg20100745	8	134,307,728	1.7E-06	-0.265	-0.283				<i>NDRG1</i>	5'UTR
cg21079591	6	31,510,735	1.69E-09	-0.265	-0.266				<i>BAT1</i>	TSS1500
cg06708331	22	49,761,906	4.76E-05	-0.265	-0.273					
cg01397223	5	85,756,331	1.04E-06	-0.265	-0.237					
cg08835992	11	7,870,404	0.02709	-0.265	-0.167				<i>OR5E1P</i>	TSS200
cg17114501	10	59,066,158	0.000359	-0.265	-0.245					
cg17200850	5	175,107,097	1.26E-08	-0.265	-0.245				<i>HRH2</i>	5'UTR
cg25201707	1	246,772,605	4.49E-18	-0.265	-0.235				<i>CNST</i>	Body
cg06614284	20	30,689,432	6.89E-05	-0.265	-0.261				<i>HCK</i>	3'UTR
cg06839417	3	149,106,151	5.9E-06	-0.265	-0.212					
cg18282099	11	131,965,129	0.001069	-0.265	-0.261				<i>NTM</i>	Body
cg05513274	12	114,212,759	0.001397	-0.265	-0.241					
cg07576186	3	58,413,668	0.000374	-0.265	-0.223				<i>PDHB</i>	3'UTR
cg21512324	8	89,718,417	0.002926	-0.265	-0.160					
cg18755094	19	35,940,593	7.03E-07	-0.265	-0.248				<i>FFAR2</i>	TSS200
cg08893109	7	6,313,050	1.65E-10	-0.265	-0.274				<i>CYTH3</i>	TSS1500
cg08937612	1	159,833,713	6.93E-10	-0.265	-0.226				<i>VSIG8</i>	TSS1500
cg20335425	1	153,363,264	5.18E-10	-0.265	-0.203				<i>S100A8</i>	5'UTR
cg24809269	17	74,260,692	0.000988	-0.265	-0.262				<i>FAM100B</i>	TSS1500
cg11406765	11	980,039	0.033556	-0.265	-0.324				<i>AP2A2</i>	Body
cg26852437	11	29,327,844	0.000206	-0.265	-0.214					
cg21499078	6	58,399,664	0.000168	-0.265	-0.279					
cg02579332	7	154,875,967	0.023705	-0.266	-0.173				<i>HTR5A</i>	Body
cg04933601	1	74,945,347	0.0043	-0.266	-0.157				<i>TNNI3K</i>	Body
cg16549644	17	79,652,024	8.46E-07	-0.266	-0.268				<i>ARL16</i>	TSS1500
cg24923953	4	72,996,777	0.006129	-0.266	-0.213				<i>NPFFR2</i>	Body
cg12861622	8	47,761,906	1.28E-05	-0.266	-0.262				<i>BEYLA</i>	Body
cg13016851	7	56,295,392	1.5E-09	-0.266	-0.235					
cg09249101	17	74,520,697	7.52E-10	-0.266	-0.260					
cg04548327	8	71,716,525	0.002484	-0.266	-0.266					
cg09840386	17	79,058,751	4.31E-11	-0.266	-0.253				<i>BAIAP2</i>	Body
cg18987103	11	134,338,443	0.003846	-0.266	-0.159					
cg24926465	3	156,007,787	0.000262	-0.266	-0.163				<i>KCNAB1</i>	TSS1500

cg18232313	6	18,123,232	0.00027	-0.266	-0.236				<i>NHLRC1</i>	TSS1500
cg11975980	6	54,173,316	0.027633	-0.266	-0.165				<i>TINAG</i>	1stExon
cg13546514	3	9,712,113	3.1E-13	-0.266	-0.247				<i>MTMR14</i>	Body
cg19142553	7	26,236,069	5.35E-12	-0.266	-0.251				<i>HNRNPA2B1</i>	Body
cg20099511	7	62,904,398	0.000155	-0.266	-0.205					
cg23537659	12	127,545,067	0.002134	-0.266	-0.206					
cg19510698	15	101,421,249	1.54E-13	-0.266	-0.253	4.14E-15	-0.143		<i>ALDH1A3</i>	Body
cg16177440	7	100,275,304	1.54E-06	-0.266	-0.211				<i>GNB2</i>	Body
cg27600794	10	118,349,430	4.91E-11	-0.266	-0.278				<i>PNLIPRP1</i>	TSS1500
cg07134266	13	112,886,222	0.024914	-0.266	-0.144					
cg16154462	15	37,783,120	0.002251	-0.266	-0.296					
cg03507064	3	84,259,272	3.83E-05	-0.266	-0.288					
cg26094484	10	133,318,755	0.000424	-0.266	-0.195					
cg19710323	12	34,499,253	0.000212	-0.266	-0.243					
cg22660609	4	132,984,188	0.020036	-0.266	-0.229					
cg26043322	1	159,507,162	9.95E-05	-0.266	-0.216				<i>OR10J5</i>	TSS1500
cg00866836	2	58,662,766	0.001105	-0.266	-0.211					
cg17520000	10	5,203,419	0.000136	-0.266	-0.265				<i>AKR1CL1</i>	Body
cg05503824	3	193,097,879	0.001484	-0.266	-0.169				<i>ATP13A5</i>	TSS1500
cg01012836	12	125,810,767	0.022033	-0.266	-0.215			Yes	<i>TMEM132B</i>	TSS1500
cg25304405	17	32,485,152	4.56E-06	-0.266	-0.246				<i>ACCN1</i>	TSS1500
cg00954545	8	91,735,520	0.000358	-0.266	-0.266					
cg10111664	3	112,504,720	1.61E-05	-0.266	-0.238					
cg13869366	11	7,869,666	1.9E-09	-0.266	-0.248				<i>OR5E1P</i>	TSS1500
cg15534052	18	13,871,104	0.000973	-0.266	-0.266					
cg02902946	20	57,617,168	3.05E-09	-0.266	-0.270				<i>SLMO2</i>	Body
cg12958569	18	49,146,678	0.000273	-0.266	-0.218					
cg16372048	10	26,214,594	0.001986	-0.266	-0.169					
cg02511531	11	55,652,114	0.000963	-0.266	-0.261				<i>SPRYD5</i>	5'UTR
cg09533145	5	178,563,145	1.35E-08	-0.266	-0.228				<i>ADAMTS2</i>	Body
cg26551791	X	145,076,879	0.000786	-0.266	-0.247				<i>MIR888</i>	TSS1500
cg02749752	6	30,176,093	6.76E-11	-0.266	-0.281				<i>TRIM26</i>	5'UTR
cg07680368	11	109,172,798	3.5E-05	-0.266	-0.243					
cg19539556	11	55,110,562	0.001485	-0.266	-0.183				<i>OR4A16</i>	TSS200

cg25210884	7	32,091,043	0.003546	-0.266	-0.164				<i>PDE1C</i>	Body
cg02478603	1	158,301,451	0.001046	-0.266	-0.229				<i>CD1B</i>	TSS200
cg05593336	6	85,361,633	0.003355	-0.266	-0.305					
cg27485289	8	116,068,124	0.000165	-0.266	-0.208					
cg08192033	6	125,476,407	2.14E-07	-0.266	-0.240				<i>TPD52L1</i>	5'UTR
cg17322118	1	85,743,732	4.95E-07	-0.266	-0.257				<i>BCL10</i>	TSS200
cg21129670	8	50,314,174	0.001448	-0.266	-0.197					
cg08699680	8	32,452,965	0.001221	-0.266	-0.180				<i>NRG1</i>	Body
cg25030515	1	117,284,802	1.92E-05	-0.266	-0.196					
cg09169531	1	153,030,594	0.003047	-0.266	-0.227				<i>SPRR2A</i>	TSS1500
cg23184756	7	63,646,960	0.001995	-0.266	-0.136					
cg06934394	13	101,959,848	0.013517	-0.267	-0.160				<i>NALCN</i>	Body
cg09567596	8	87,684,002	0.024705	-0.267	-0.232				<i>CNGB3</i>	Body
cg15764264	X	151,303,631	7.95E-05	-0.267	-0.268				<i>MAGEA10</i>	Body
cg00297282	7	50,469,687	0.014667	-0.267	-0.238				<i>IKZF1</i>	3'UTR
cg05529343	3	22,412,124	8.76E-05	-0.267	-0.262					
cg12852134	11	88,210,187	0.002273	-0.267	-0.180					
cg18023455	7	49,894,664	0.000293	-0.267	-0.235				<i>VWC2</i>	Body
cg22947481	19	22,803,398	0.003363	-0.267	-0.224					
cg19825898	1	2,949,651	0.038474	-0.267	-0.069					
cg14671357	Y	7,676,811	8.79E-07	-0.267	-0.278				<i>TTY12</i>	Body
cg02014899	7	7,098,017	0.000212	-0.267	-0.179					
cg19520280	13	111,032,155	7.07E-05	-0.267	-0.163				<i>COL4A2</i>	Body
cg11757167	10	133,195,947	0.006858	-0.267	-0.097					
cg19405868	11	104,912,363	0.015267	-0.267	-0.181		Yes		<i>CASP1</i>	Body
cg21606405	6	152,795,042	0.00027	-0.267	-0.205				<i>SYNE1</i>	Body
cg23339656	2	234,159,882	3.01E-05	-0.267	-0.221				<i>ATG16L1</i>	TSS1500
cg25714147	2	137,747,982	2.55E-05	-0.267	-0.252				<i>THSD7B</i>	TSS1500
cg03935729	11	104,405,198	0.006207	-0.267	-0.178					
cg24344394	1	157,790,434	1.13E-06	-0.267	-0.236				<i>FCRL1</i>	TSS1500
cg05698082	6	158,239,859	1.42E-11	-0.267	-0.238					
cg21984645	7	214,577	3.17E-12	-0.267	-0.233				<i>FAM20C</i>	Body
cg00215019	10	50,311,040	0.017538	-0.267	-0.176				<i>C10orf72</i>	Body
cg24979513	7	32,334,483	0.017254	-0.267	-0.133					

cg16618605	X	151,128,222	8.73E-11	-0.267	-0.273					<i>GABRE</i>	Body
cg17453187	8	127,384,408	1.16E-08	-0.267	-0.296						
cg18382294	10	6,934,352	0.014417	-0.267	-0.285						
cg20118157	3	193,078,051	0.000293	-0.267	-0.199					<i>ATP13A5</i>	Body
cg27166177	22	49,498,376	8.4E-06	-0.267	-0.261						
cg17680303	4	47,183,921	0.002256	-0.267	-0.218					<i>GABRB1</i>	Body
cg23896695	8	128,931,535	4.04E-08	-0.267	-0.279					<i>PVT1</i>	Body
cg03121419	X	125,687,720	0.012653	-0.267	-0.348					<i>DCAF12L1</i>	TSS1500
cg03453781	6	132,347,049	0.009773	-0.267	-0.234						
cg06159667	X	103,268,258	0.002254	-0.267	-0.216					<i>H2BFWT</i>	TSS200
cg19680583	5	83,409,549	0.001361	-0.267	-0.200					<i>EDIL3</i>	Body
cg04029027	7	130,125,811	0.002646	-0.267	-0.309					<i>MEST</i>	TSS1500
cg02335370	8	33,579,138	0.028651	-0.267	-0.230						
cg06070563	10	135,190,325	0.007573	-0.267	-0.141				Yes		
cg03638781	16	23,880,664	0.008788	-0.267	-0.217					<i>PRKCB</i>	Body
cg15067713	3	137,433,605	0.014108	-0.267	-0.236						
cg23791718	8	60,034,928	8.75E-07	-0.267	-0.209						
cg09313140	12	128,309,593	0.025813	-0.267	-0.343						
cg23310290	7	676,291	4.37E-15	-0.267	-0.253					<i>PRKAR1B</i>	Body
cg03180768	15	68,923,400	0.006566	-0.267	-0.126					<i>CORO2B</i>	Body
cg07089161	7	153,287,529	0.004728	-0.267	-0.175						
cg15996914	5	171,426,937	6.05E-16	-0.267	-0.253					<i>FBXW11</i>	Body
cg18658151	17	77,952,453	0.005565	-0.267	-0.228					<i>TBC1D16</i>	Body
cg24000437	1	152,538,857	0.000215	-0.267	-0.251					<i>LCE3E</i>	5'UTR
cg24709951	17	73,033,009	0.000131	-0.267	-0.191						
cg00413543	8	34,893,470	0.000183	-0.267	-0.198						
cg24606662	1	185,882,734	8.7E-09	-0.267	-0.273					<i>HMCN1</i>	Body
cg07594472	20	29,965,177	4.79E-08	-0.267	-0.250					<i>DEFB119</i>	Body
cg23629393	14	47,908,980	2.59E-09	-0.267	-0.269					<i>MDGA2</i>	Body
cg02786019	7	142,582,859	5.7E-08	-0.267	-0.263	1.19E-18	-0.164			<i>TRPV6</i>	Body
cg14419046	9	90,043,268	1.91E-13	-0.267	-0.235						
cg18052778	17	46,030,312	1.68E-11	-0.267	-0.238					<i>PRR15L</i>	Body
cg14982276	21	42,880,582	2.16E-06	-0.267	-0.275					<i>TMPRSS2</i>	TSS1500
cg23499929	17	79,097,152	0.007354	-0.267	-0.246					<i>AATK</i>	Body

cg08928100	5	141,477,782	1.05E-07	-0.267	-0.241					
cg13557752	10	125,448,352	0.000116	-0.267	-0.265				<i>GPR26</i>	3'UTR
cg25028189	17	2,898,878	1.16E-11	-0.267	-0.238				<i>RAP1GAP2</i>	Body
cg01496891	11	92,065,861	2.49E-07	-0.268	-0.276					
cg10006252	17	2,976,031	3.37E-05	-0.268	-0.215					
cg07939046	6	31,933,695	4.98E-15	-0.268	-0.257				<i>SKIV2L</i>	Body
cg05641843	17	7,477,972	3.5E-08	-0.268	-0.234				<i>EIF4A1</i>	Body
cg10369653	3	38,679,751	0.000243	-0.268	-0.206				<i>SCN5A</i>	5'UTR
cg20040306	12	10,163,345	0.000216	-0.268	-0.234				<i>CLEC12B</i>	5'UTR
cg01284709	11	104,972,078	0.000563	-0.268	-0.267				<i>CARD17</i>	Body
cg11078326	1	104,616,118	5.26E-05	-0.268	-0.256					
cg26345401	8	125,538,412	1.46E-09	-0.268	-0.278				<i>TATDN1</i>	Body
cg06968859	2	80,724,209	3.01E-06	-0.268	-0.328				<i>CTNNA2</i>	Body
cg02352295	X	144,901,807	0.001068	-0.268	-0.226				<i>SLITRK2</i>	TSS1500
cg00482994	6	32,945,234	9.41E-13	-0.268	-0.260				<i>BRD2</i>	Body
cg07858195	5	177,853,481	0.000102	-0.268	-0.261				<i>COL23A1</i>	Body
cg24750539	11	119,791,649	4.98E-08	-0.268	-0.209					
cg20245515	18	75,690,565	0.000873	-0.268	-0.150					
cg23418201	2	9,134,057	7.36E-13	-0.268	-0.252				<i>MBOAT2</i>	Body
cg18817392	6	133,788,156	0.002081	-0.268	-0.295				<i>EYA4</i>	Body
cg01412220	20	30,134,188	2.3E-06	-0.268	-0.264				<i>HM13</i>	Body
cg12676534	20	30,449,856	0.042583	-0.268	-0.279				<i>DUSP15</i>	Body
cg14451771	9	100,822,040	3.64E-08	-0.268	-0.240				<i>NANS</i>	Body
cg10343367	16	86,375,065	1.23E-08	-0.268	-0.222				<i>LOC732275</i>	Body
cg12798859	6	30,285,979	4.29E-07	-0.268	-0.315				<i>HCG18</i>	Body
cg22789976	1	209,801,479	1.8E-15	-0.268	-0.262				<i>LAMB3</i>	Body
cg16274353	1	193,055,237	8.07E-10	-0.268	-0.245				<i>TROVE2</i>	3'UTR
cg15221831	19	42,408,464	3.06E-06	-0.268	-0.261				<i>ARHGEF1</i>	Body
cg20110742	7	32,339,457	0.001415	-0.268	-0.196					
cg10487221	20	60,119,551	7.92E-07	-0.268	-0.206				<i>CDH4</i>	Body
cg16467015	18	55,816,677	2.16E-06	-0.268	-0.231				<i>NEDD4L</i>	5'UTR
cg22951411	19	57,375,307	0.000642	-0.268	-0.205					
cg00079898	11	5,801,244	0.001408	-0.268	-0.188				<i>OR52N5</i>	TSS1500
cg02969422	6	138,484,687	1.2E-10	-0.268	-0.256				<i>KIAA1244</i>	Body



cg25119415	1	158,799,935	0.002819	-0.268	-0.268				<i>MNDA</i>	TSS1500
cg11698119	12	53,344,746	1.32E-08	-0.268	-0.266				<i>KRT18</i>	Body
cg17252489	2	169,069,249	3.63E-10	-0.268	-0.255				<i>STK39</i>	Body
cg16312101	8	56,357,912	0.000982	-0.268	-0.240				<i>XKR4</i>	Body
cg16218705	4	140,941,031	5.97E-07	-0.268	-0.249				<i>MAML3</i>	Body
cg21807034	18	61,144,150	0.000113	-0.268	-0.246				<i>SERPIN5</i>	1stExon
cg24935208	3	89,097,455	0.000346	-0.268	-0.302					
cg18220380	8	142,185,447	9.05E-05	-0.268	-0.227				<i>DENND3</i>	Body
cg02814525	14	105,268,604	2.85E-05	-0.268	-0.190				<i>ZBTB42</i>	Body
cg21536783	1	59,041,407	5.15E-07	-0.268	-0.267				<i>TACSTD2</i>	3'UTR
cg01210307	3	35,799,781	0.000879	-0.268	-0.258				<i>ARPP-21</i>	Body
cg19618438	2	206,794,410	2.95E-06	-0.268	-0.163					
cg22333833	19	16,145,109	0.002049	-0.268	-0.226				<i>FLJ25328</i>	Body
cg23702644	8	3,254,875	0.003145	-0.268	-0.182				<i>CSMD1</i>	Body
cg02139586	16	59,792,836	1.17E-05	-0.268	-0.270			Yes		
cg02770843	19	29,214,454	0.004427	-0.268	-0.289					
cg12255501	8	2,421,548	0.004218	-0.268	-0.185					
cg01182154	13	112,202,929	0.000931	-0.268	-0.167					
cg25726425	2	234,637,574	0.004509	-0.268	-0.151				<i>UGT1A10</i>	Body
cg05392949	13	77,091,333	1.05E-07	-0.268	-0.262					
cg24493367	4	106,635,507	2.29E-10	-0.268	-0.249				<i>GSTCD</i>	5'UTR
cg19183833	17	80,042,014	0.007664	-0.268	-0.119				<i>FASN</i>	Body
cg24094538	6	50,695,479	0.00032	-0.268	-0.243				<i>TFAP2D</i>	Body
cg19798908	14	48,430,115	0.000405	-0.268	-0.211					
cg16027147	3	108,475,765	0.011592	-0.268	-0.131				<i>RETNLB</i>	Body
cg02871925	3	50,395,650	1.96E-10	-0.268	-0.267				<i>TMEM115</i>	1stExon
cg00498816	3	13,665,022	0.004454	-0.268	-0.304				<i>FBLN2</i>	Body
cg16812174	8	23,423,862	0.000112	-0.268	-0.195				<i>SLC25A37</i>	Body
cg13551505	12	2,014,983	6.55E-05	-0.269	-0.155				<i>CACNA2D4</i>	Body
cg17829936	6	132,910,681	0.000989	-0.269	-0.235	0.04733289	-0.050		<i>TAAR5</i>	1stExon
cg11807280	2	66,654,644	9.44E-17	-0.269	-0.266					
cg19624420	14	48,541,885	0.001992	-0.269	-0.162			Yes		
cg25225483	17	3,134,816	2.05E-05	-0.269	-0.215					
cg14010829	9	133,322,940	0.001517	-0.269	-0.227				<i>ASS1</i>	5'UTR

cg13837295	10	134,826,531	0.002501	-0.269	-0.133					
cg01955492	6	49,110,730	1.46E-05	-0.269	-0.292					
cg13521991	17	51,900,096	0.000229	-0.269	-0.269				<i>KIF2B</i>	TSS200
cg19385365	7	137,263,558	1.27E-08	-0.269	-0.265				<i>DGKI</i>	Body
cg22846876	19	38,959,746	1.2E-05	-0.269	-0.198				<i>RYR1</i>	Body
cg19534723	19	20,147,046	2E-05	-0.269	-0.180				<i>ZNF682</i>	5'UTR
cg20642712	7	96,745,340	1.91E-11	-0.269	-0.254				<i>ACN9</i>	TSS1500
cg03110722	19	51,984,816	8.42E-06	-0.269	-0.217				<i>CEACAM18</i>	Body
cg21383592	4	190,569,145	0.008793	-0.269	-0.179					
cg06422351	19	22,888,276	6.76E-06	-0.269	-0.260					
cg02211983	1	152,086,879	9.43E-06	-0.269	-0.274				<i>TCHH</i>	TSS1500
cg10943629	5	3,286,208	0.008501	-0.269	-0.164					
cg23216015	7	31,726,654	0.019107	-0.269	-0.182	0.00000159	-0.168		<i>C7orf16</i>	TSS200
cg03290560	3	117,774,686	0.000396	-0.269	-0.260					
cg04543516	20	21,589,093	3.97E-06	-0.269	-0.252					
cg22338798	8	130,254,545	0.002073	-0.269	-0.263					
cg10210690	1	55,138,059	2.5E-08	-0.269	-0.221				<i>C1orf175</i>	Body
cg07324496	7	154,241,813	0.000516	-0.269	-0.223				<i>DPP6</i>	Body
cg03795378	14	20,978,481	0.000105	-0.269	-0.236				<i>RNASE10</i>	TSS200
cg00254095	18	47,016,218	0.000817	-0.269	-0.179			Yes	<i>RPL17</i>	Body
cg09102610	4	94,427,508	0.008967	-0.269	-0.165				<i>GRID2</i>	Body
cg11900742	8	114,058,427	0.011686	-0.269	-0.315				<i>CSMD3</i>	Body
cg12728791	1	185,925,146	0.014763	-0.269	-0.115				<i>HMCN1</i>	Body
cg00206332	X	151,140,984	3.32E-08	-0.269	-0.266				<i>GABRE</i>	Body
cg02230254	11	65,586,170	1.01E-10	-0.269	-0.261					
cg04638205	5	3,002,493	0.011717	-0.269	-0.094					
cg25219874	17	22,193,751	0.002095	-0.269	-0.244					
cg22785561	4	46,923,365	5.65E-08	-0.269	-0.255				<i>GABRA4</i>	3'UTR
cg02389084	7	26,403,254	8.52E-07	-0.269	-0.270				<i>SNX10</i>	Body
cg07454595	4	23,561,262	0.000115	-0.269	-0.193					
cg23812886	X	48,056,290	0.000327	-0.269	-0.230	1.24E-08	-0.160		<i>SSX5</i>	TSS200
cg26623222	X	144,712,731	0.015503	-0.269	-0.183					
cg15003570	10	133,529,939	0.007355	-0.269	-0.269					
cg27110580	3	195,463,368	2.34E-05	-0.269	-0.223				<i>MUC20</i>	3'UTR

cg14747086	6	30,070,087	3.03E-05	-0.269	-0.268					
cg20596724	12	57,328,644	3.3E-08	-0.269	-0.265				<i>SDR9C7</i>	TSS1500
cg05452854	16	32,276,952	6.28E-06	-0.269	-0.247					
cg12108912	2	120,435,949	7.73E-06	-0.269	-0.349	3.23E-19	-0.197		<i>TMEM177</i>	TSS1500
cg14198860	19	3,982,566	0.000129	-0.269	-0.221				<i>EEF2</i>	Body
cg11452087	1	2,918,752	0.000161	-0.269	-0.205					
cg07996278	4	190,529,481	3.19E-09	-0.269	-0.246					
cg08698943	10	3,509,758	2.91E-18	-0.269	-0.288					
cg05893353	3	115,335,126	0.002305	-0.269	-0.332					
cg24445116	10	48,523,589	1.63E-05	-0.269	-0.192					
cg06120122	11	22,201,921	0.001125	-0.269	-0.208					
cg01525428	8	56,436,771	0.005567	-0.269	-0.224				<i>XKR4</i>	Body
cg20966659	3	126,379,474	2.11E-07	-0.269	-0.258					
cg11683364	1	202,205,348	5.54E-07	-0.269	-0.200				<i>LGR6</i>	Body
cg09356916	4	23,791,473	0.003185	-0.269	-0.179					
cg09131332	22	50,482,045	1.5E-09	-0.269	-0.273				<i>TLL8</i>	Body
cg16273485	3	192,963,092	0.002725	-0.269	-0.192				<i>HRASLS</i>	5'UTR
cg19495428	10	135,123,067	2.8E-10	-0.269	-0.261				<i>ZNF511</i>	Body
cg09104321	12	34,755,856	5.2E-05	-0.269	-0.224					
cg15713734	4	137,718,563	0.007972	-0.269	-0.138					
cg04046889	8	56,232,667	0.000127	-0.269	-0.257				<i>XKR4</i>	Body
cg09646578	8	5,019,363	0.042937	-0.269	-0.102					
cg10541534	4	140,429,995	5.35E-06	-0.269	-0.243				<i>SETD7</i>	3'UTR
cg05132999	1	51,796,987	0.000371	-0.270	-0.206				<i>TTC39A</i>	Body
cg25549519	X	151,306,094	4.97E-05	-0.270	-0.260				<i>MAGEA10</i>	5'UTR
cg09786278	1	241,198,066	2.58E-07	-0.270	-0.220			Yes	<i>RGS7</i>	Body
cg04582365	10	59,155,846	0.000679	-0.270	-0.288					
cg08704934	3	194,826,585	0.002656	-0.270	-0.354				<i>C3orf21</i>	Body
cg08584061	19	22,718,926	1.41E-06	-0.270	-0.274					
cg10233904	20	61,625,364	0.000649	-0.270	-0.213					
cg17826043	19	42,299,635	6.69E-08	-0.270	-0.200				<i>CEACAM3</i>	TSS1500
cg22872906	4	124,694,137	1.4E-07	-0.270	-0.281				<i>LOC285419</i>	Body
cg16226642	11	7,847,876	3.43E-10	-0.270	-0.267				<i>OR5P3</i>	TSS1500
cg15640140	19	17,972,376	4.22E-09	-0.270	-0.247				<i>RPL18AP3</i>	Body

cg11195360	11	124,311,399	0.031156	-0.270	-0.226				<i>OR8B8</i>	TSS1500
cg00264754	11	40,136,810	0.003878	-0.270	-0.236				<i>LRRC4C</i>	Body
cg16291750	3	18,003,561	1E-04	-0.270	-0.254					
cg08874384	19	17,725,883	9.62E-08	-0.270	-0.228				<i>UNC13A</i>	Body
cg22718077	7	57,712,819	0.003187	-0.270	-0.213					
cg00227110	11	124,056,297	1.77E-06	-0.270	-0.227					
cg19307090	11	66,206,913	0.000839	-0.270	-0.145				<i>MRPL11</i>	TSS1500
cg24377150	1	2,179,933	4.89E-07	-0.270	-0.273				<i>SKI</i>	Body
cg12050706	1	148,891,668	1.46E-06	-0.270	-0.234					
cg09085201	7	49,708,532	1.1E-07	-0.270	-0.301					
cg00859622	20	36,532,668	0.001183	-0.270	-0.295				<i>VSTM2L</i>	Body
cg20435284	19	1,166,292	0.030736	-0.270	-0.248				<i>SBNO2</i>	5'UTR
cg05750788	11	67,210,225	2.8E-16	-0.270	-0.271				<i>CORO1B</i>	5'UTR
cg05033952	16	34,255,535	0.000232	-0.270	-0.235					
cg22295983	7	46,015,793	0.030513	-0.270	-0.056					
cg19964403	2	235,961,524	3.87E-06	-0.270	-0.216				<i>SH3BP4</i>	Body
cg07297111	2	242,128,843	0.001498	-0.270	-0.179				<i>ANO7</i>	Body
cg26505300	21	37,579,025	1.01E-09	-0.270	-0.271				<i>DOPEY2</i>	Body
cg17538768	11	123,626,540	0.003827	-0.270	-0.218				<i>OR6X1</i>	TSS1500
cg11295724	20	1,538,353	0.000535	-0.270	-0.246				<i>SIRPD</i>	TSS200
cg24726333	14	106,173,575	1.67E-05	-0.270	-0.170					
cg23571170	11	124,180,298	0.002262	-0.270	-0.195				<i>OR8D1</i>	1stExon
cg26341619	1	29,676,588	0.004553	-0.270	-0.188					
cg11696165	12	120,663,824	1.12E-06	-0.270	-0.273				<i>PXN</i>	5'UTR
cg18814052	5	122,736,095	3.26E-07	-0.270	-0.269				<i>CEP120</i>	Body
cg17440085	11	124,056,244	0.029985	-0.270	-0.151					
cg16941568	11	1,575,781	3E-09	-0.270	-0.277				<i>HCCA2</i>	Body
cg02572796	4	186,732,124	1.13E-11	-0.270	-0.257				<i>SORBS2</i>	5'UTR
cg09176893	4	100,574,596	0.028799	-0.270	-0.224					
cg16154857	3	69,249,276	1.05E-17	-0.270	-0.257				<i>FRMD4B</i>	Body
cg01195196	16	2,770,211	0.0115	-0.270	-0.285				<i>PRSS27</i>	1stExon
cg22897419	3	147,449,682	0.006196	-0.270	-0.257					
cg25994725	6	35,703,435	2.91E-07	-0.270	-0.171	2.9E-12	-0.130		<i>LOC285847</i>	Body
cg02202484	1	152,942,688	0.028701	-0.270	-0.192				<i>SPRR4</i>	TSS1500

cg13587665	3	128,154,244	2.4E-08	-0.271	-0.287					
cg01452911	16	86,512,095	1.09E-05	-0.271	-0.216					
cg24910822	10	63,553,327	7.79E-05	-0.271	-0.230					
cg25567280	3	149,654,539	6.51E-10	-0.271	-0.267				<i>RNF13</i>	Body
cg23207673	1	35,649,498	1.48E-12	-0.271	-0.250				<i>SFPQ</i>	3'UTR
cg26496205	16	1,488,037	0.001728	-0.271	-0.245				<i>CCDC154</i>	Body
cg04459983	5	5,079,075	0.00327	-0.271	-0.136					
cg13041637	11	123,626,485	1.51E-09	-0.271	-0.266				<i>OR6X1</i>	TSS1500
cg20120939	11	105,010,531	0.024529	-0.271	-0.237				<i>CARD18</i>	TSS200
cg26127113	15	57,799,854	2.86E-09	-0.271	-0.279				<i>CGNL1</i>	Body
cg03717503	16	86,734,176	5.76E-05	-0.271	-0.213					
cg06970571	1	153,232,060	0.012028	-0.271	-0.189				<i>LOR</i>	TSS200
cg10413513	16	7,106,265	0.00195	-0.271	-0.226				<i>A2BP1</i>	Body
cg17919396	15	101,440,419	3.57E-07	-0.271	-0.239				<i>ALDH1A3</i>	Body
cg23957285	19	4,558,740	0.007186	-0.271	-0.302				<i>SEMA6B</i>	TSS1500
cg21194776	10	75,314,128	4.46E-06	-0.271	-0.222	7.33E-10	-0.109		<i>USP54</i>	Body
cg15057138	1	2,849,495	0.00159	-0.271	-0.145					
cg03832015	16	5,982,275	0.000178	-0.271	-0.244					
cg05116719	11	8,007,597	8.65E-05	-0.271	-0.189				<i>EIF3F</i>	TSS1500
cg24022152	11	12,133,196	4.89E-06	-0.271	-0.274				<i>MICAL2</i>	5'UTR
cg20729460	4	62,076,499	5.92E-06	-0.271	-0.252					
cg22234479	13	19,756,050	0.048847	-0.271	-0.104				<i>TUBA3C</i>	TSS200
cg18142856	11	7,961,111	0.003363	-0.271	-0.210				<i>OR10A3</i>	TSS200
cg18305031	19	3,982,603	0.001997	-0.271	-0.214				<i>SNORD37</i>	TSS200
cg11983942	11	132,946,934	4.23E-06	-0.271	-0.251				<i>OPCML</i>	Body
cg13726563	13	112,599,593	0.005821	-0.271	-0.137					
cg14422932	4	5,374,425	0.004168	-0.271	-0.275				<i>STK32B</i>	Body
cg15096958	19	58,334,700	5.34E-12	-0.271	-0.255					
cg23816037	2	127,455,623	0.003248	-0.271	-0.218					
cg06282802	2	127,529,446	9.35E-06	-0.271	-0.237					
cg14060417	12	112,746,621	1.34E-06	-0.271	-0.271					
cg19026859	12	112,818,601	1.66E-12	-0.271	-0.270					
cg16764236	17	32,611,290	0.000305	-0.271	-0.206				<i>CCL11</i>	TSS1500
cg00728046	19	43,569,592	2.67E-05	-0.271	-0.296				<i>PSG2</i>	3'UTR

cg14457305	9	138,482,392	0.000607	-0.271	-0.157				
cg00301762	7	1,714,056	0.000751	-0.271	-0.182				
cg07804196	X	33,229,454	1.08E-05	-0.271	-0.241			DMD	5'UTR
cg02824604	12	42,124,611	1.28E-09	-0.271	-0.260				
cg13573346	14	101,363,925	1.94E-09	-0.271	-0.273			MEG8	Body
cg18813601	10	3,330,571	0.010205	-0.271	-0.267				
cg22225849	6	11,188,760	0.00124	-0.271	-0.237			NEDD9	Body
cg13451433	9	139,317,772	0.005632	-0.271	-0.238			PMPCA	3'UTR
cg07998554	19	14,785,776	1.91E-05	-0.271	-0.209			EMR3	TSS200
cg12314682	17	77,952,463	0.00446	-0.271	-0.245			TBC1D16	Body
cg13289364	11	48,510,647	0.00384	-0.271	-0.185			OR4A47	1stExon
cg19460909	13	112,515,103	0.015688	-0.271	-0.152				
cg20736321	11	1,029,162	0.000154	-0.271	-0.156			MUC6	Body
cg21592091	3	160,427,542	6.65E-09	-0.271	-0.249				
cg11553311	5	66,541,588	1.49E-10	-0.271	-0.251				
cg19153095	8	106,811,143	0.001299	-0.271	-0.261			ZFPM2	Body
cg23029597	12	123,009,494	7.83E-06	-0.271	-0.229			RSRC2	5'UTR
cg23076870	10	135,174,003	3.07E-05	-0.271	-0.261				
cg04554195	19	52,268,814	1.72E-08	-0.271	-0.242			FPR2	5'UTR
cg16800162	11	90,739,454	0.001683	-0.271	-0.246				
cg04726373	16	67,513,468	2.13E-06	-0.271	-0.228			ATP6VOD1	Body
cg07103673	11	7,092,719	0.000818	-0.271	-0.296			NLRP14	3'UTR
cg14592066	18	2,851,949	1.04E-10	-0.271	-0.259			EMILIN2	Body
cg16555188	5	9,838,964	0.000312	-0.271	-0.275			LOC285692	Body
cg21899374	8	144,915,517	1.55E-05	-0.271	-0.237				
cg07699978	12	63,194,001	2.78E-09	-0.271	-0.259			PPM1H	Body
cg19704073	1	3,162,159	1.36E-07	-0.271	-0.222			PRDM16	Body
cg27237541	10	26,497,739	3.39E-05	-0.271	-0.291			MYO3A	Body
cg00367962	2	240,508,665	0.036407	-0.271	-0.329				
cg13676706	12	127,944,448	0.009593	-0.272	-0.214				
cg17840047	4	18,580,125	4.54E-12	-0.272	-0.246				
cg09579081	15	81,109,237	6.03E-06	-0.272	-0.272			KIAA1199	5'UTR
cg13805219	Y	6,137,453	0.000593	-0.272	-0.273				
cg17824277	1	13,838,127	0.003405	-0.272	-0.117				

cg26079428	11	106,513,618	1.11E-05	-0.272	-0.270					
cg19981951	18	61,817,088	0.000456	-0.272	-0.220				<i>C18orf20</i>	TSS1500
cg05138702	10	126,827,000	0.0001	-0.272	-0.213				<i>CTBP2</i>	5'UTR
cg15486123	1	152,881,815	0.023202	-0.272	-0.191				<i>IVL</i>	5'UTR
cg12466324	6	154,406,664	0.000387	-0.272	-0.259				<i>OPRM1</i>	Body
cg02939781	3	183,208,857	0.000132	-0.272	-0.224				<i>KLHL6</i>	3'UTR
cg18224977	1	5,398,602	0.001567	-0.272	-0.238					
cg03967337	1	185,941,827	6.88E-05	-0.272	-0.249				<i>HMCN1</i>	Body
cg14527029	3	120,401,095	2.31E-10	-0.272	-0.267				<i>HGD</i>	1stExon
cg15103616	12	34,546,903	1.47E-05	-0.272	-0.264					
cg24820809	22	36,019,252	5.02E-06	-0.272	-0.269				<i>MB</i>	1stExon
cg00995854	1	157,802,305	0.000742	-0.272	-0.260				<i>CD5L</i>	Body
cg07950469	16	71,265,941	1.13E-05	-0.272	-0.249				<i>HYDIN</i>	TSS1500
cg03174933	4	155,720,155	0.002784	-0.272	-0.192				<i>RBM46</i>	Body
cg24384519	7	31,125,198	0.003885	-0.272	-0.172				<i>ADCYAP1R1</i>	Body
cg04194840	16	58,545,502	0.00401	-0.272	-0.193				<i>NDRG4</i>	3'UTR
cg07106766	3	137,014,230	0.033238	-0.272	-0.368					
cg06553058	12	117,036,929	1.52E-15	-0.272	-0.243					
cg18037376	10	134,004,552	4.39E-10	-0.272	-0.286				<i>DPYSL4</i>	Body
cg02600772	X	80,259,473	0.028808	-0.272	-0.136					
cg13590228	3	150,477,925	9.57E-10	-0.272	-0.261				<i>SIAH2</i>	Body
cg21948655	1	152,849,738	0.002236	-0.272	-0.214				<i>SMCP</i>	TSS1500
cg02894109	4	16,359,846	0.000167	-0.272	-0.268					
cg17150265	1	242,683,142	0.012206	-0.272	-0.264				<i>PLD5</i>	5'UTR
cg07322909	11	55,541,018	0.000186	-0.272	-0.269				<i>OR5D13</i>	1stExon
cg19930575	X	151,122,266	2.95E-09	-0.272	-0.260				<i>GABRE</i>	3'UTR
cg24431372	3	112,494,836	6.75E-07	-0.272	-0.284					
cg07972716	20	54,582,710	0.000157	-0.272	-0.255					
cg00104608	3	76,146,501	0.003395	-0.272	-0.235					
cg14945086	18	2,657,780	6.14E-13	-0.272	-0.268				<i>SMCHD1</i>	Body
cg06651530	12	116,599,557	0.000303	-0.272	-0.246				<i>MED13L</i>	Body
cg19666687	14	98,154,028	0.000381	-0.272	-0.264					
cg15013801	10	73,976,790	3.37E-06	-0.272	-0.240				<i>ASCC1</i>	TSS1500
cg25916135	2	59,071,761	0.000168	-0.272	-0.229					

cg13661446	X	151,093,031	0.000571	-0.272	-0.229				<i>MAGEA4</i>	Body
cg27029018	8	2,832,048	0.002074	-0.272	-0.209				<i>CSMD1</i>	Body
cg04422802	19	22,446,026	6.62E-05	-0.272	-0.219					
cg24873202	7	48,045,851	0.000319	-0.272	-0.247				<i>SUNC1</i>	Body
cg11936639	6	32,944,495	8.67E-08	-0.272	-0.318				<i>BRD2</i>	Body
cg23554286	2	137,951,070	0.001013	-0.272	-0.235				<i>THSD7B</i>	Body
cg07146073	17	29,852,668	0.000217	-0.272	-0.129				<i>RAB11FIP4</i>	Body
cg27314580	11	56,086,656	0.000153	-0.272	-0.235				<i>OR8K3</i>	1stExon
cg21253087	9	139,290,292	0.005215	-0.272	-0.242				<i>SNAPC4</i>	Body
cg00756172	5	5,033,311	0.030912	-0.272	-0.125				<i>LOC340094</i>	TSS1500
cg02138218	1	175,035,502	0.002833	-0.272	-0.228				<i>TNN</i>	TSS1500
cg22651079	8	91,796,396	3.45E-08	-0.272	-0.286					
cg25406923	2	74,010,396	9.07E-05	-0.272	-0.239				<i>C2orf78</i>	TSS1500
cg01973181	12	124,436,804	1.6E-07	-0.272	-0.253				<i>CCDC92</i>	5'UTR
cg12435134	4	76,860,890	4.55E-11	-0.272	-0.233				<i>NAAA</i>	Body
cg22040874	1	4,230,824	0.011522	-0.272	-0.128					
cg24297835	8	133,732,174	0.013801	-0.272	-0.273				<i>TMEM71</i>	Body
cg11825436	1	157,961,169	0.014911	-0.272	-0.173					
cg25019567	1	209,346,611	3.5E-06	-0.272	-0.295					
cg19770715	6	31,848,028	7.97E-09	-0.273	-0.267				<i>EHMT2</i>	Body
cg20003179	1	159,175,295	8.75E-05	-0.273	-0.220				<i>DARC</i>	Body
cg03642695	17	15,211,958	0.005956	-0.273	-0.207				<i>TEKT3</i>	Body
cg16202419	5	44,483,200	0.013988	-0.273	-0.171					
cg21921978	11	109,002,818	0.000994	-0.273	-0.227					
cg04137837	14	97,647,221	4.39E-05	-0.273	-0.278					
cg04144911	19	51,979,244	5.36E-07	-0.273	-0.218				<i>CEACAM18</i>	TSS1500
cg07018389	5	172,195,678	1.73E-24	-0.273	-0.258				<i>DUSP1</i>	3'UTR
cg04924555	6	157,505,996	8.62E-06	-0.273	-0.256				<i>ARID1B</i>	Body
cg17089486	12	60,083,246	0.004036	-0.273	-0.175				<i>SLC16A7</i>	5'UTR
cg27179498	22	21,062,267	1.99E-05	-0.273	-0.202				<i>PI4KA</i>	3'UTR
cg26334558	12	51,794,933	7.77E-09	-0.273	-0.257					
cg07478795	3	23,782,847	0.021458	-0.273	-0.224					
cg20531808	8	89,231,006	3.61E-08	-0.273	-0.269				<i>MMP16</i>	Body
cg04125586	1	201,982,404	0.002424	-0.273	-0.339				<i>ELF3</i>	Body



cg16384957	11	1,050,848	0.024259	-0.273	-0.147						
cg22377166	1	166,765,935	0.042437	-0.273	-0.146						
cg23693245	17	78,997,300	3.51E-12	-0.273	-0.262						
cg00670915	2	101,620,543	5.08E-13	-0.273	-0.254					<i>RPL31</i>	Body
cg07633435	5	152,869,009	1.91E-07	-0.273	-0.290					<i>GRIA1</i>	TSS1500
cg12735489	15	37,783,172	0.00034	-0.273	-0.276						
cg19854704	10	133,508,755	0.008416	-0.273	-0.165						
cg20888292	8	133,490,080	0.012944	-0.273	-0.268			Yes		<i>KCNQ3</i>	Body
cg22669120	12	5,024,586	0.000957	-0.273	-0.203					<i>KCNA1</i>	3'UTR
cg11042769	8	2,242,128	0.027503	-0.273	-0.154						
cg02110858	8	145,028,222	4.82E-38	-0.273	-0.260					<i>PLEC1</i>	Body
cg23846955	15	22,541,062	1.6E-09	-0.273	-0.276						
cg13353019	5	1,648,083	0.000323	-0.273	-0.139						
cg19537070	5	161,112,334	2.73E-05	-0.273	-0.281					<i>GABRA6</i>	TSS1500
cg19378216	20	31,870,775	7.38E-08	-0.273	-0.267					<i>C20orf114</i>	TSS200
cg12333338	6	32,787,925	5.22E-05	-0.273	-0.194						
cg03835038	17	4,475,000	6.62E-06	-0.273	-0.237						
cg27444644	11	55,872,467	1.44E-06	-0.273	-0.263					<i>OR8H2</i>	TSS200
cg23219336	1	153,175,262	0.003598	-0.273	-0.203					<i>LELP1</i>	TSS1500
cg02987523	13	103,978,230	0.002032	-0.273	-0.216						
cg12733040	22	17,303,493	5.96E-05	-0.273	-0.237					<i>XKR3</i>	TSS1500
cg17187764	12	7,818,654	2.51E-06	-0.273	-0.243					<i>APOBEC1</i>	TSS200
cg22325921	4	136,482,220	0.003179	-0.273	-0.208						
cg08513547	5	150,323,558	0.005471	-0.273	-0.211					<i>LOC134466</i>	Body
cg03199239	19	2,588,553	7.25E-06	-0.273	-0.286					<i>GNG7</i>	5'UTR
cg10078143	7	63,016,835	0.002389	-0.273	-0.186						
cg23260456	2	116,474,615	0.000104	-0.273	-0.255					<i>DPP10</i>	Body
cg08479865	3	113,897,550	0.004715	-0.273	-0.231					<i>DRD3</i>	1stExon
cg22089701	11	124,253,666	2.98E-05	-0.273	-0.267					<i>OR8B2</i>	TSS1500
cg10792130	11	38,318,090	0.000771	-0.273	-0.269						
cg01888566	7	130,126,513	0.038233	-0.273	-0.334					<i>MEST</i>	5'UTR
cg06005177	10	135,190,664	7.6E-10	-0.273	-0.260						
cg03517923	3	38,870,296	0.004556	-0.273	-0.222						
cg17542385	1	152,681,979	0.02373	-0.273	-0.174	0.0000129	-0.123				

cg00586321	X	73,759,065	2.82E-08	-0.273	-0.243					
cg03516026	1	16,564,651	1.52E-11	-0.273	-0.235				<i>C1orf89</i>	TSS1500
cg06699422	19	43,580,600	0.001412	-0.273	-0.300				<i>PSG2</i>	Body
cg25540032	2	98,885,650	6.1E-09	-0.273	-0.244				<i>VWA3B</i>	Body
cg21754343	1	152,658,797	0.012835	-0.273	-0.186				<i>LCE2B</i>	5'UTR
cg12397274	6	54,172,183	9.73E-10	-0.274	-0.281	2.43E-09	-0.158		<i>TINAG</i>	TSS1500
cg24974845	14	47,123,298	0.003634	-0.274	-0.249					
cg05989672	7	153,589,306	0.007656	-0.274	-0.303				<i>DPP6</i>	Body
cg23522194	19	48,565,189	0.042405	-0.274	-0.260				<i>PLA2G4C</i>	Body
cg02155675	X	48,206,388	0.000538	-0.274	-0.218				<i>SSX3</i>	3'UTR
cg06029700	12	6,473,311	2.12E-07	-0.274	-0.280				<i>SCNN1A</i>	Body
cg16101080	6	32,126,315	1.12E-08	-0.274	-0.263				<i>PPT2</i>	Body
cg05926837	10	50,146,991	0.020423	-0.274	-0.174				<i>WDFY4</i>	Body
cg25444339	7	75,194,698	1.92E-15	-0.274	-0.251				<i>HIP1</i>	Body
cg24693160	11	124,438,770	5.62E-05	-0.274	-0.273				<i>OR8A1</i>	TSS1500
cg06003388	16	59,363,443	1.16E-05	-0.274	-0.237					
cg16558307	1	4,036,538	0.005681	-0.274	-0.104					
cg00417710	7	48,889,641	0.000344	-0.274	-0.246					
cg24140586	10	96,697,436	0.00037	-0.274	-0.296				<i>CYP2C9</i>	TSS1500
cg25475843	3	95,456,922	0.001244	-0.274	-0.226					
cg25728188	6	12,484,939	9.76E-13	-0.274	-0.259					
cg11865900	X	153,215,934	2.91E-05	-0.274	-0.188				<i>HCFC1</i>	Body
cg03225787	1	158,518,363	1.27E-08	-0.274	-0.272				<i>OR6Y1</i>	TSS1500
cg03598313	1	208,955,564	0.014685	-0.274	-0.330					
cg07164136	10	108,393,920	0.016645	-0.274	-0.221				<i>SORCS1</i>	Body
cg08818866	2	33,415,906	7.19E-06	-0.274	-0.249				<i>LTBP1</i>	Body
cg02548132	8	6,420,242	1.87E-05	-0.274	-0.225				<i>ANGPT2</i>	1stExon
cg19564450	2	23,023,791	2.85E-05	-0.274	-0.249					
cg21719418	11	105,800,243	0.001935	-0.274	-0.254				<i>GRIA4</i>	Body
cg12145085	14	73,289,895	0.017587	-0.274	-0.334				<i>DPF3</i>	Body
cg26048897	10	51,632,982	2.1E-06	-0.274	-0.245					
cg00563352	5	9,765,708	0.000881	-0.274	-0.284				<i>LOC285692</i>	Body
cg02451502	13	22,486,732	0.001498	-0.274	-0.241					
cg18237047	7	5,276,991	7.31E-08	-0.274	-0.211					

cg00844298	7	9,826,908	0.00105	-0.274	-0.252					
cg18596794	1	167,689,891	2.72E-09	-0.274	-0.241	2.67E-08	-0.150		<i>MPZL1</i>	TSS1500
cg17497172	20	30,028,229	0.017198	-0.274	-0.155				<i>DEFB123</i>	TSS200
cg24846807	1	75,043,066	0.001391	-0.274	-0.210				<i>C1orf173</i>	Body
cg05096681	3	108,767,055	5.12E-10	-0.274	-0.264				<i>MORC1</i>	Body
cg01025883	16	23,867,088	0.001737	-0.274	-0.256				<i>PRKCB</i>	Body
cg00224028	7	84,671,333	4.38E-07	-0.275	-0.274				<i>SEMA3D</i>	Body
cg24525988	4	19,134,792	2.25E-10	-0.275	-0.263					
cg02936740	4	68,995,995	1.08E-08	-0.275	-0.268	1.4886E-05	-0.086		<i>TMPRSS11F</i>	TSS1500
cg02016467	16	801,549	3.99E-07	-0.275	-0.284					
cg02459415	11	55,594,854	5.17E-06	-0.275	-0.255				<i>OR5L2</i>	1stExon
cg04640729	12	95,864,049	3.09E-13	-0.275	-0.242					
cg15036326	17	27,048,708	2.68E-18	-0.275	-0.270				<i>RPL23A</i>	Body
cg16710348	3	121,660,655	7.95E-11	-0.275	-0.262				<i>SLC15A2</i>	3'UTR
cg10436737	1	170,700,508	0.000173	-0.275	-0.185				<i>PRRX1</i>	Body
cg15236149	6	153,073,383	0.002855	-0.275	-0.220				<i>VIP</i>	Body
cg06598634	4	63,416,083	0.00142	-0.275	-0.290					
cg18163559	Y	9,742,930	0.001234	-0.275	-0.269					
cg11242581	5	153,565,919	0.000817	-0.275	-0.167					
cg19211853	13	79,968,216	0.000282	-0.275	-0.221				<i>RBM26</i>	Body
cg07691684	4	16,773,677	1.5E-07	-0.275	-0.272				<i>LDB2</i>	Body
cg00160262	1	158,533,225	2.79E-06	-0.275	-0.254				<i>OR6P1</i>	1stExon
cg23624133	1	152,816,168	0.002057	-0.275	-0.224				<i>LCE6A</i>	Body
cg13781096	X	48,216,201	0.000749	-0.275	-0.235				<i>SSX3</i>	TSS200
cg18217048	8	9,742,024	2.26E-05	-0.275	-0.266					
cg25890391	12	40,938,465	7.95E-08	-0.275	-0.272					
cg20446252	X	150,797,951	0.000239	-0.275	-0.241				<i>PASD1</i>	Body
cg03833216	17	51,603,096	2.25E-05	-0.275	-0.284					
cg15900051	6	158,245,997	1.07E-12	-0.275	-0.270				<i>SNX9</i>	Body
cg09856271	3	118,620,082	7.59E-08	-0.275	-0.223				<i>IGSF11</i>	3'UTR
cg14183136	2	127,736,736	0.000848	-0.275	-0.183					
cg16823009	4	146,823,969	0.007262	-0.275	-0.104				<i>ZNF827</i>	Body
cg15687300	8	62,084,457	0.001013	-0.275	-0.312					
cg15442888	4	175,789,139	0.000331	-0.275	-0.274					

cg13883186	7	142,333,186	0.000164	-0.275	-0.337					
cg18192419	3	128,005,180	1.12E-08	-0.275	-0.276			Yes	<i>EEFSEC</i>	Body
cg09032499	6	30,993,705	6.12E-06	-0.275	-0.210					
cg10821830	2	79,823,717	0.0019	-0.275	-0.229				<i>CTNNA2</i>	5'UTR
cg26275355	4	12,252,318	0.005565	-0.275	-0.251					
cg20143859	18	56,806,343	2.85E-07	-0.275	-0.231				<i>SEC11C</i>	TSS1500
cg12802876	8	72,751,354	0.002181	-0.275	-0.319					
cg27064482	16	14,326,543	5.46E-08	-0.275	-0.302				<i>MKL2</i>	Body
cg05912589	14	20,774,818	0.0002	-0.275	-0.260				<i>TTC5</i>	TSS1500
cg00378658	11	1,232,347	2.04E-06	-0.275	-0.292					
cg16858472	8	57,067,553	8.38E-05	-0.275	-0.223					
cg11313862	6	152,892,780	1.69E-05	-0.275	-0.204				<i>SYNE1</i>	Body
cg24704759	10	133,446,251	0.000229	-0.275	-0.136					
cg05855124	12	128,896,756	0.017555	-0.275	-0.188				<i>TMEM132C</i>	Body
cg08763351	1	152,943,210	0.013428	-0.275	-0.195	2.67E-14	-0.189		<i>SPRR4</i>	5'UTR
cg20437660	8	56,367,005	0.002058	-0.275	-0.240				<i>XKR4</i>	Body
cg25464787	1	158,904,784	6.64E-05	-0.275	-0.307				<i>PYHIN1</i>	5'UTR
cg10907582	14	96,411,400	0.005047	-0.275	-0.170					
cg06010711	2	80,453,645	0.002458	-0.275	-0.250				<i>CTNNA2</i>	Body
cg08448931	X	151,080,620	0.00016	-0.276	-0.240				<i>MAGEA4</i>	TSS1500
cg07037019	1	159,506,621	0.000491	-0.276	-0.206				<i>OR10J5</i>	TSS1500
cg09320652	1	66,708,864	5.03E-05	-0.276	-0.268				<i>PDE4B</i>	Body
cg08844770	19	3,982,903	8.14E-20	-0.276	-0.247				<i>EEF2</i>	Body
cg06219125	16	24,373,675	0.002747	-0.276	-0.258				<i>CACNG3</i>	3'UTR
cg06619428	1	152,659,754	0.002365	-0.276	-0.212				<i>LCE2B</i>	3'UTR
cg08030662	17	51,900,534	0.002845	-0.276	-0.178				<i>KIF2B</i>	1stExon
cg25161029	11	122,845,972	5.11E-06	-0.276	-0.270					
cg25766801	8	2,990,464	0.000247	-0.276	-0.223				<i>CSMD1</i>	Body
cg11411564	5	160,049,388	0.029318	-0.276	-0.247				<i>ATP10B</i>	Body
cg18026416	13	48,128,547	0.000199	-0.276	-0.272					
cg16510654	1	16,330,625	7.19E-06	-0.276	-0.263				<i>C1orf64</i>	TSS200
cg20291436	4	111,539,352	1.94E-05	-0.276	-0.277				<i>PITX2</i>	Body
cg11348583	1	196,746,875	0.027019	-0.276	-0.150				<i>CFHR3</i>	Body
cg12385165	6	123,321,699	0.000624	-0.276	-0.221				<i>CLVS2</i>	Body

cg01566028	9	123,341,267	8.21E-05	-0.276	-0.188				<i>CDK5RAP2</i>	Body
cg05703009	11	5,841,688	3.41E-05	-0.276	-0.275				<i>OR52N2</i>	1stExon
cg06329587	11	118,991,065	1.43E-13	-0.276	-0.276				<i>HINFP</i>	TSS1500
cg07611620	18	8,710,133	3.29E-08	-0.276	-0.273					
cg13241144	12	34,463,891	0.000121	-0.276	-0.189					
cg18484189	11	7,984,973	4.25E-07	-0.276	-0.259	8.33E-24	-0.274		<i>NLRP10</i>	1stExon
cg23774016	1	159,284,082	1.48E-13	-0.276	-0.253				<i>OR10J3</i>	1stExon
cg25940523	8	132,313,141	0.003621	-0.276	-0.245					
cg03271520	17	3,100,171	3.31E-06	-0.276	-0.280				<i>OR1A2</i>	TSS1500
cg04521543	2	669,505	2.86E-09	-0.276	-0.217				<i>TMEM18</i>	3'UTR
cg07219844	10	135,123,764	1.46E-08	-0.276	-0.244				<i>ZNF511</i>	Body
cg07343027	17	80,024,200	8.49E-05	-0.276	-0.243				<i>DUS1L</i>	TSS1500
cg17069586	11	88,189,880	1.67E-06	-0.276	-0.272					
cg20556988	17	32,690,127	0.003292	-0.276	-0.143	9.89E-11	-0.190		<i>CCL1</i>	1stExon
cg25696807	X	145,109,374	3.67E-07	-0.276	-0.276				<i>MIR891A</i>	Body
cg03846107	12	34,061,681	3.41E-05	-0.276	-0.262					
cg24906015	2	58,482,767	0.008236	-0.276	-0.242					
cg16108887	7	25,608,305	1.62E-05	-0.276	-0.243					
cg16358044	4	164,245,970	0.003966	-0.276	-0.212				<i>NPY1R</i>	3'UTR
cg24051487	20	11,671,599	0.004218	-0.276	-0.204					
cg17342469	22	46,473,074	1.09E-11	-0.276	-0.236					
cg27292547	12	1,672,440	2.47E-06	-0.276	-0.263					
cg14472778	1	11,867,308	3.2E-10	-0.276	-0.254	1.59E-15	-0.192		<i>CLCN6</i>	Body
cg17412901	1	3,332,705	4.59E-05	-0.277	-0.169				<i>PRDM16</i>	Body
cg14448195	7	79,086,223	2.51E-06	-0.277	-0.275					
cg16372648	3	150,338,266	8.49E-13	-0.277	-0.279				<i>SELT</i>	Body
cg22519158	1	152,552,175	2.44E-06	-0.277	-0.249				<i>LCE3D</i>	Body
cg08988420	4	186,435,488	3.97E-05	-0.277	-0.328				<i>PDLIM3</i>	Body
cg26159860	11	133,469,193	0.013092	-0.277	-0.217					
cg10115387	2	119,134,313	2.46E-07	-0.277	-0.277					
cg21246516	6	54,668,826	0.02273	-0.277	-0.192					
cg03581311	4	19,457,163	0.000345	-0.277	-0.225					
cg25249068	3	133,118,940	3.45E-05	-0.277	-0.226	2.08E-14	-0.138		<i>BFSP2</i>	1stExon
cg02608831	8	73,856,874	1.76E-06	-0.277	-0.267					

cg17060964	11	55,796,572	5.39E-11	-0.277	-0.269				<i>OR5AS1</i>	TSS1500
cg19953452	17	254,590	0.000309	-0.277	-0.272					
cg22842882	X	85,517,184	0.017709	-0.277	-0.369				<i>DACH2</i>	Body
cg13906823	1	161,008,824	8.45E-26	-0.277	-0.289				<i>TSTD1</i>	TSS200
cg23708209	15	88,843,899	0.000378	-0.277	-0.261					
cg02288969	1	172,413,492	7.89E-17	-0.277	-0.281				<i>C1orf105</i>	Body
cg03478630	10	10,436,568	4.57E-07	-0.277	-0.316					
cg02696798	10	107,301,935	1.23E-06	-0.277	-0.261					
cg20699839	5	4,942,023	0.045321	-0.277	-0.181					
cg00319312	1	203,671,140	4.75E-11	-0.277	-0.263				<i>ATP2B4</i>	Body
cg10633609	4	190,705,649	1.1E-06	-0.277	-0.287					
cg13606495	14	101,202,747	9.03E-06	-0.277	-0.238					
cg21472835	4	46,874,750	0.000577	-0.277	-0.204				<i>COX7B2</i>	5'UTR
cg26349048	11	55,682,099	0.000751	-0.277	-0.278				<i>OR5W2</i>	TSS200
cg04993112	1	153,030,514	0.000344	-0.277	-0.186				<i>SPRR2A</i>	TSS1500
cg15227168	18	73,630,290	0.002666	-0.277	-0.213					
cg23172911	1	165,880,082	1.44E-09	-0.277	-0.255					
cg02228042	7	105,603,432	5.86E-09	-0.277	-0.285				<i>FLJ23834</i>	TSS1500
cg21908886	1	166,039,444	2.89E-05	-0.277	-0.338				<i>FAM78B</i>	3'UTR
cg11388664	1	159,140,372	0.000564	-0.277	-0.248				<i>CADM3</i>	TSS1500
cg11446507	10	132,692,284	0.0021	-0.277	-0.197					
cg22736624	1	209,365,350	2.57E-08	-0.277	-0.250					
cg08291907	10	53,011,793	0.011191	-0.277	-0.169				<i>PRKG1</i>	Body
cg05283685	11	92,001,577	3.31E-05	-0.277	-0.292					
cg06497921	2	11,796,786	4.76E-07	-0.277	-0.296					
cg18538751	2	233,879,149	6.22E-06	-0.277	-0.190				<i>NGEF</i>	TSS1500
cg00955547	21	19,614,112	0.000155	-0.277	-0.242					
cg19130189	8	89,241,632	1.03E-10	-0.277	-0.269				<i>MMP16</i>	Body
cg03649574	1	158,066,515	0.016959	-0.277	-0.192					
cg18224395	19	50,037,880	1.55E-12	-0.277	-0.250				<i>RCN3</i>	Body
cg01604429	11	18,208,699	0.000549	-0.277	-0.221					
cg20676475	1	152,552,494	0.001453	-0.277	-0.225	5.66E-21	-0.239		<i>LCE3D</i>	5'UTR
cg07908874	10	135,123,006	3.09E-12	-0.277	-0.279	4.41E-23	-0.175		<i>ZNF511</i>	Body
cg08622675	7	6,524,998	2.77E-05	-0.277	-0.280				<i>KDELR2</i>	TSS1500

cg10019018	12	119,214,021	9.7E-05	-0.277	-0.302					
cg10021786	16	46,964,129	1.31E-05	-0.277	-0.195				<i>GPT2</i>	3'UTR
cg27560687	7	62,555,691	0.000998	-0.277	-0.156					
cg07478662	19	5,047,466	1.39E-05	-0.277	-0.172				<i>KDM4B</i>	Body
cg21756355	7	2,233,135	7.69E-08	-0.277	-0.274				<i>MAD1L1</i>	Body
cg17101720	8	89,278,806	0.000222	-0.277	-0.202				<i>MMP16</i>	Body
cg25856811	1	152,973,957	0.009175	-0.278	-0.254	4.45E-19	-0.223		<i>SPRR3</i>	TSS1500
cg26965236	8	13,434,991	4.74E-09	-0.278	-0.271					
cg23693487	8	30,670,746	5.59E-07	-0.278	-0.262				<i>PPP2CB</i>	TSS1500
cg05245416	2	105,087,010	0.025864	-0.278	-0.174				<i>LOC150568</i>	Body
cg01053349	Y	3,446,859	0.000241	-0.278	-0.238				<i>TGIF2LY</i>	TSS1500
cg00169930	4	736,398	4.08E-06	-0.278	-0.190				<i>PCGF3</i>	Body
cg03596479	11	88,059,873	7.63E-05	-0.278	-0.249				<i>CTSC</i>	Body
cg20653032	11	7,259,254	0.000201	-0.278	-0.308					
cg03105556	2	80,329,553	0.001723	-0.278	-0.290				<i>CTNNA2</i>	Body
cg22152492	6	28,554,334	2.71E-08	-0.278	-0.270				<i>SCAND3</i>	1stExon
cg07356283	10	135,030,513	0.001749	-0.278	-0.125				<i>KNDC1</i>	Body
cg26793019	8	2,795,929	0.020204	-0.278	-0.211				<i>CSMD1</i>	3'UTR
cg14649589	8	56,578,622	0.000555	-0.278	-0.245					
cg06046216	1	247,680,201	3.49E-05	-0.278	-0.221					
cg06909646	1	32,681,593	6.08E-18	-0.278	-0.289				<i>DCDC2B</i>	3'UTR
cg12811284	1	158,688,804	6.61E-08	-0.278	-0.250				<i>OR6K3</i>	TSS1500
cg22739858	5	142,053,365	5E-07	-0.278	-0.213				<i>FGF1</i>	5'UTR
cg13945631	12	34,551,489	0.000376	-0.278	-0.231					
cg23726802	7	155,617,398	4.41E-06	-0.278	-0.284					
cg01033360	19	3,381,432	5.47E-07	-0.278	-0.264				<i>NFIC</i>	Body
cg09552123	1	152,849,783	0.001356	-0.278	-0.222				<i>SMCP</i>	TSS1500
cg03072195	17	51,900,115	0.001701	-0.278	-0.253				<i>KIF2B</i>	TSS200
cg18766755	1	153,029,939	1.06E-06	-0.278	-0.246	5.47E-07	-0.158		<i>SPRR2A</i>	5'UTR
cg04797323	12	93,966,978	1.95E-13	-0.278	-0.250	0.01836539	-0.058		<i>SOCS2</i>	Body
cg10352303	16	87,100,972	0.000835	-0.278	-0.193					
cg14151317	9	139,916,869	0.002805	-0.278	-0.285				<i>ABCA2</i>	Body
cg21135483	21	42,830,710	0.016592	-0.278	-0.314				<i>MX1</i>	3'UTR
cg21752758	8	73,848,532	0.005113	-0.278	-0.212				<i>KCNB2</i>	Body

cg09342225	11	101,668,461	0.030382	-0.278	-0.321					
cg21414251	6	29,364,554	1.13E-07	-0.278	-0.238				<i>OR12D2</i>	1stExon
cg01820213	14	104,645,063	0.000152	-0.278	-0.264				<i>KIF26A</i>	Body
cg12388838	5	4,941,467	0.004252	-0.278	-0.192					
cg26200239	11	118,013,431	6.1E-13	-0.278	-0.284				<i>SCN4B</i>	Body
cg01069648	2	237,906,688	6.68E-10	-0.278	-0.235					
cg12854428	8	89,281,994	0.000563	-0.278	-0.177				<i>MMP16</i>	Body
cg17449026	1	75,100,556	0.002616	-0.278	-0.209				<i>C1orf173</i>	Body
cg03281194	1	2,776,972	0.001137	-0.278	-0.218					
cg20058187	11	121,665,730	0.001756	-0.278	-0.224					
cg02813121	1	153,348,911	0.005648	-0.278	-0.188				<i>S100A12</i>	TSS1500
cg00350503	19	13,613,614	0.002429	-0.278	-0.243				<i>CACNA1A</i>	Body
cg15471388	14	49,360,792	2.45E-06	-0.278	-0.282					
cg05198244	21	26,732,918	0.000588	-0.278	-0.270					
cg17625224	22	47,031,262	8.66E-14	-0.278	-0.270				<i>GRAMD4</i>	Body
cg21229718	5	148,894,958	5.45E-10	-0.279	-0.257				<i>CSNK1A1</i>	Body
cg02202502	16	86,371,442	7.88E-05	-0.279	-0.232				<i>LOC732275</i>	Body
cg05922429	12	7,077,914	9.24E-10	-0.279	-0.256				<i>PHB2</i>	Body
cg21070669	12	57,885,563	7.93E-07	-0.279	-0.261				<i>MARS</i>	Body
cg05031931	7	214,779	0.000392	-0.279	-0.106				<i>FAM20C</i>	Body
cg08231096	2	137,748,460	3.13E-05	-0.279	-0.273				<i>THSD7B</i>	TSS200
cg12987138	5	10,047,253	0.003128	-0.279	-0.244					
cg16157895	14	93,412,666	7.84E-10	-0.279	-0.220				<i>ITPK1</i>	Body
cg00246768	8	3,245,147	0.004437	-0.279	-0.232				<i>CSMD1</i>	Body
cg19830128	20	29,995,343	5.87E-06	-0.279	-0.245				<i>DEFB121</i>	TSS1500
cg04546097	3	120,401,058	1.37E-08	-0.279	-0.276				<i>HGD</i>	1stExon
cg26735980	16	83,195,465	0.000506	-0.279	-0.211				<i>CDH13</i>	Body
cg27321750	22	45,148,218	1.17E-11	-0.279	-0.260				<i>ARHGAP8</i>	TSS1500
cg02556071	11	105,010,284	2.32E-05	-0.279	-0.293				<i>CARD18</i>	Body
cg14612733	1	155,103,569	1.45E-12	-0.279	-0.291				<i>EFNA1</i>	Body
cg17327828	14	101,435,254	0.00017	-0.279	-0.267				<i>SNORD114-12</i>	TSS200
cg07148968	10	26,072,483	6.38E-05	-0.279	-0.286					
cg09551916	1	196,911,888	0.00203	-0.279	-0.261				<i>CFHR2</i>	TSS1500
cg10276272	16	10,271,822	0.013835	-0.279	-0.209				<i>GRIN2A</i>	Body



cg02431866	8	14,710,899	0.000353	-0.279	-0.300					<i>SGCZ</i>	Body
cg21129006	12	4,023,078	0.017798	-0.279	-0.165						
cg18242400	4	62,384,183	6.59E-05	-0.279	-0.205					<i>LPHN3</i>	Body
cg27190398	16	731,844	2.89E-12	-0.279	-0.289					<i>STUB1</i>	Body
cg05946604	17	3,119,329	2.56E-05	-0.279	-0.215					<i>OR1A1</i>	1stExon
cg05343184	1	3,058,151	0.01235	-0.279	-0.097					<i>PRDM16</i>	Body
cg11141743	4	17,188,725	0.000257	-0.279	-0.253						
cg17000021	20	54,933,521	1.17E-06	-0.279	-0.265					<i>C20orf108</i>	TSS1500
cg25228280	19	22,321,700	0.001044	-0.279	-0.212						
cg11720863	14	24,604,040	7.52E-11	-0.279	-0.278					<i>PSME1</i>	TSS1500
cg12521910	X	52,897,630	0.003513	-0.279	-0.233					<i>XAGE3</i>	TSS1500
cg19651184	4	77,491,762	7.16E-15	-0.279	-0.272					<i>SHROOM3</i>	Body
cg08305879	8	2,127,340	0.003447	-0.279	-0.192						
cg03602321	5	3,962,083	0.00029	-0.279	-0.224						
cg16438841	12	132,149,724	0.004849	-0.279	-0.203						
cg25597055	1	38,002,922	1.15E-10	-0.279	-0.245					<i>SNIP1</i>	3'UTR
cg16473797	20	61,755,045	1.98E-07	-0.279	-0.218						
cg00804796	13	112,624,756	0.014737	-0.279	-0.127						
cg17421062	1	153,432,054	2.68E-07	-0.279	-0.249					<i>S100A7</i>	5'UTR
cg13461554	2	49,037,725	1.21E-05	-0.279	-0.313						
cg26781464	8	81,552,714	5.49E-08	-0.279	-0.298					<i>ZNF704</i>	3'UTR
cg23919844	13	111,819,481	1.35E-07	-0.279	-0.262					<i>ARHGEF7</i>	Body
cg10649130	11	9,682,641	1.12E-10	-0.279	-0.276						
cg22794244	11	123,892,873	3.5E-07	-0.279	-0.247					<i>OR10G9</i>	TSS1500
cg02498177	16	51,174,131	0.000906	-0.279	-0.198					<i>SALL1</i>	Body
cg20344820	X	114,058,123	0.001828	-0.279	-0.370					<i>HTR2C</i>	Body
cg06629644	12	131,570,492	0.00798	-0.279	-0.156					<i>GPR133</i>	Body
cg14510688	12	132,423,726	2.26E-05	-0.279	-0.245					<i>PUS1</i>	Body
cg25467710	1	185,780,629	0.000229	-0.279	-0.233					<i>HMCN1</i>	Body
cg20159490	6	66,493,769	0.001034	-0.279	-0.282						
cg24347498	1	160,456,459	0.000156	-0.279	-0.225					<i>SLAMF6</i>	3'UTR
cg12243622	17	32,633,974	0.007261	-0.279	-0.169						
cg27130665	11	40,316,514	5.76E-05	-0.279	-0.296					<i>LRRC4C</i>	TSS1500
cg11394278	22	49,566,994	0.001807	-0.279	-0.176				Yes		

cg14800014	5	125,800,764	6.56E-07	-0.279	-0.290				<i>GRAMD3</i>	Body
cg02785745	2	84,745,831	1.52E-09	-0.279	-0.264				<i>DNAH6</i>	Body
cg20686446	19	50,320,090	0.004076	-0.279	-0.238				<i>MED25</i>	TSS1500
cg24980638	10	73,553,196	4.49E-07	-0.279	-0.217				<i>CDH23</i>	Body
cg04533266	3	191,855,359	0.000113	-0.280	-0.223					
cg16909742	2	127,635,678	0.004024	-0.280	-0.198					
cg24933651	3	77,147,070	0.002632	-0.280	-0.234				<i>ROBO2</i>	TSS200
cg01792749	3	38,835,179	4.34E-05	-0.280	-0.295				<i>SCN10A</i>	Body
cg05807420	7	83,314,331	1.45E-05	-0.280	-0.280					
cg22374415	2	188,210,673	4.2E-05	-0.280	-0.231				<i>CALCRL</i>	3'UTR
cg18482656	5	180,167,965	0.001017	-0.280	-0.245				<i>OR2Y1</i>	TSS1500
cg13298997	7	32,038,956	2.64E-05	-0.280	-0.260				<i>PDE1C</i>	Body
cg09721595	11	77,773,924	0.000245	-0.280	-0.235				<i>THRSP</i>	TSS1500
cg21643265	12	120,963,957	3.79E-07	-0.280	-0.224				<i>COQ5</i>	Body
cg21727907	13	19,751,364	0.003697	-0.280	-0.253				<i>TUBA3C</i>	Body
cg27291231	9	140,081,916	5.33E-07	-0.280	-0.276	3.31E-28	-0.179		<i>ANAPC2</i>	Body
cg03019112	14	101,518,520	0.004862	-0.280	-0.325				<i>MIR487A</i>	TSS1500
cg17419731	7	5,535,731	7.98E-07	-0.280	-0.199				<i>MIR589</i>	TSS200
cg18362003	11	122,051,630	0.009246	-0.280	-0.245				<i>LOC399959</i>	Body
cg17161266	7	49,907,002	0.000489	-0.280	-0.307				<i>VWC2</i>	Body
cg11153808	X	151,903,039	0.008882	-0.280	-0.130				<i>MAGEA12</i>	5'UTR
cg24667758	18	24,283,696	0.000116	-0.280	-0.195				<i>LOC728606</i>	TSS200
cg19521511	7	57,509,813	7.52E-05	-0.280	-0.224				<i>ZNF716</i>	TSS200
cg03094083	17	26,864,469	2.69E-08	-0.280	-0.230				<i>FOXN1</i>	3'UTR
cg09508275	11	55,890,274	0.000283	-0.280	-0.234				<i>OR8H3</i>	1stExon
cg17008031	11	104,972,907	3.37E-05	-0.280	-0.267				<i>CASP1</i>	TSS1500
cg00667789	1	59,042,065	0.006234	-0.280	-0.326				<i>TACSTD2</i>	1stExon
cg04064998	11	109,786,133	0.000115	-0.280	-0.280					
cg23753006	2	143,044,057	0.002331	-0.280	-0.253					
cg05807849	11	132,946,692	0.00135	-0.280	-0.229				<i>OPCML</i>	Body
cg26014281	7	157,227,226	0.003688	-0.280	-0.236					
cg01763692	4	128,064,781	0.00062	-0.280	-0.302					
cg00404599	X	107,018,431	1.51E-09	-0.280	-0.247	1.58E-12	-0.142		<i>TSC22D3</i>	1stExon
cg19002907	10	115,939,579	1.94E-08	-0.280	-0.276				<i>TDRD1</i>	5'UTR

cg27117476	14	47,120,795	3.84E-05	-0.280	-0.287				<i>RPL10L</i>	1stExon
cg07172237	X	134,158,728	2.31E-08	-0.280	-0.284					
cg14220224	8	57,309,145	1.17E-10	-0.280	-0.309				<i>SDR16C6</i>	TSS1500
cg21411834	1	215,740,071	1.58E-13	-0.280	-0.247				<i>KCTD3</i>	TSS1500
cg21679730	1	65,047,485	2.45E-10	-0.280	-0.264				<i>CACHD1</i>	Body
cg14917100	2	127,528,627	0.001074	-0.280	-0.247					
cg13466700	6	155,776,951	0.00684	-0.280	-0.123				<i>NOX3</i>	1stExon
cg27273125	X	111,919,438	1.57E-07	-0.280	-0.280				<i>LHFPL1</i>	5'UTR
cg22609474	5	152,279,040	0.000237	-0.280	-0.273					
cg02387612	11	55,889,797	2.39E-06	-0.280	-0.270				<i>OR8H3</i>	TSS200
cg27404351	11	123,847,741	7.74E-09	-0.280	-0.276				<i>OR10S1</i>	1stExon
cg02892624	1	153,432,128	0.000179	-0.280	-0.292				<i>S100A7</i>	5'UTR
cg03361085	11	1,324,625	0.000283	-0.280	-0.317				<i>TOLLIP</i>	Body
cg14148088	14	101,495,827	2.17E-06	-0.280	-0.283				<i>MIR494</i>	TSS200
cg00584456	8	7,191,273	0.001189	-0.280	-0.192				<i>FAM66B</i>	Body
cg15693415	5	114,510,474	3.76E-10	-0.280	-0.286				<i>TRIM36</i>	Body
cg23890876	17	80,046,815	0.002304	-0.280	-0.160				<i>FASN</i>	Body
cg05931366	20	62,957,648	0.00015	-0.280	-0.287					
cg09118749	1	21,952,566	1.15E-12	-0.280	-0.274				<i>RAP1GAP</i>	Body
cg08288942	12	127,329,056	0.011505	-0.281	-0.213					
cg10619731	12	127,765,627	7.57E-05	-0.281	-0.259					
cg13239713	1	229,229,512	1.61E-08	-0.281	-0.286					
cg14162076	12	8,665,092	0.003548	-0.281	-0.249	6.67E-08	-0.125		<i>CLEC4D</i>	TSS1500
cg17323171	11	103,908,255	0.006823	-0.281	-0.152				<i>PDGFD</i>	Body
cg21995710	2	32,514,311	2.61E-10	-0.281	-0.219				<i>YIPF4</i>	Body
cg24040450	1	196,578,863	9.1E-11	-0.281	-0.271				<i>KCNT2</i>	TSS1500
cg17267493	17	7,460,485	0.002344	-0.281	-0.168	0.00335356	-0.056		<i>TNFSF12</i>	Body
cg01748263	3	193,097,361	3.43E-06	-0.281	-0.246				<i>ATP13A5</i>	TSS1500
cg02006324	8	2,997,052	0.0069	-0.281	-0.171				<i>CSMD1</i>	Body
cg25636481	6	33,241,410	4.93E-15	-0.281	-0.250				<i>RPS18</i>	Body
cg17242596	11	132,527,296	0.003265	-0.281	-0.273				<i>OPCML</i>	Body
cg20055924	2	32,587,004	1.87E-05	-0.281	-0.228				<i>BIRC6</i>	Body
cg09175734	5	169,510,081	0.000313	-0.281	-0.237				<i>DOCK2</i>	3'UTR
cg19420720	17	79,816,504	2.77E-13	-0.281	-0.272				<i>P4HB</i>	Body

cg00767395	2	88,583,117	0.000812	-0.281	-0.240					
cg02091185	5	170,288,766	1.38E-05	-0.281	-0.283				<i>RANBP17</i>	TSS1500
cg01526177	4	9,379,166	0.000539	-0.281	-0.221					
cg03957884	13	23,471,850	0.008141	-0.281	-0.153					
cg06580800	19	39,921,535	3.61E-12	-0.281	-0.277					
cg27383876	11	103,833,427	0.000122	-0.281	-0.289				<i>PDGFD</i>	Body
cg09550024	10	96,698,366	2.69E-05	-0.281	-0.255				<i>CYP2C9</i>	TSS200
cg11125758	14	83,591,622	0.001763	-0.281	-0.320					
cg26177807	8	89,688,361	0.004925	-0.281	-0.219					
cg19514542	10	125,614,284	0.000313	-0.281	-0.264				<i>CPXM2</i>	Body
cg19989498	10	87,336,967	2.94E-05	-0.281	-0.300					
cg16704703	10	3,509,710	4.28E-11	-0.281	-0.298					
cg22830091	7	75,961,684	2.06E-10	-0.281	-0.319				<i>YWHAG</i>	Body
cg11794033	6	31,275,267	1.68E-08	-0.281	-0.289					
cg19312356	1	160,520,625	0.00101	-0.281	-0.252				<i>CD84</i>	Body
cg08653574	22	29,838,687	0.000345	-0.281	-0.231				<i>RFPL1S</i>	TSS1500
cg06483559	11	123,624,914	8.39E-05	-0.281	-0.287				<i>OR6X1</i>	1stExon
cg16280363	12	57,882,891	7.39E-08	-0.281	-0.236				<i>MARS</i>	Body
cg11863863	17	75,706,410	0.000818	-0.281	-0.195					
cg16466750	7	214,685	5.72E-13	-0.281	-0.252				<i>FAM20C</i>	Body
cg13922442	7	38,312,366	0.000137	-0.281	-0.279				<i>TARP</i>	5'UTR
cg00067884	15	63,970,198	1.97E-10	-0.281	-0.305				<i>HERC1</i>	Body
cg05180522	14	98,101,740	0.00013	-0.281	-0.225					
cg17222000	4	168,937,817	2.79E-05	-0.281	-0.244					
cg06203976	1	159,140,445	0.00282	-0.282	-0.222				<i>CADM3</i>	TSS1500
cg04064672	X	141,290,567	0.005185	-0.282	-0.247				<i>MAGEC2</i>	3'UTR
cg06552160	2	1,926,724	0.000269	-0.282	-0.291				<i>MYT1L</i>	Body
cg20043679	2	84,517,321	0.000553	-0.282	-0.251				<i>LOC388965</i>	TSS1500
cg12203557	10	88,590,318	2.22E-07	-0.282	-0.260				<i>BMPR1A</i>	5'UTR
cg15746253	8	133,141,656	0.002491	-0.282	-0.227				<i>KCNQ3</i>	Body
cg11243283	10	109,910,629	0.005128	-0.282	-0.195					
cg05653329	1	21,042,988	3.98E-06	-0.282	-0.264				<i>KIF17</i>	Body
cg27390496	19	51,357,367	3.31E-07	-0.282	-0.188				<i>KLK3</i>	TSS1500
cg08358803	5	170,288,742	3.39E-07	-0.282	-0.301				<i>RANBP17</i>	TSS1500

cg08417719	11	123,814,620	0.006711	-0.282	-0.251				<i>OR6T1</i>	TSS200
cg24734254	1	14,753,722	1.63E-09	-0.282	-0.303					
cg03102663	4	180,998,204	2.16E-05	-0.282	-0.265					
cg22812280	11	5,173,605	0.000653	-0.282	-0.256				<i>OR52A1</i>	TSS200
cg18788313	1	35,391,769	0.000226	-0.282	-0.246					
cg00033909	7	9,674,902	1.94E-12	-0.282	-0.274				<i>PER4</i>	Body
cg11294620	4	157,119,935	0.008742	-0.282	-0.218					
cg09386771	16	1,730,594	0.001529	-0.282	-0.291				<i>HN1L</i>	Body
cg08587313	8	130,215,373	0.008569	-0.282	-0.286					
cg09487985	12	34,484,805	5.12E-05	-0.282	-0.243					
cg19757631	1	11,118,889	1.56E-07	-0.282	-0.278				<i>SRM</i>	Body
cg11823729	6	55,190,909	0.000247	-0.282	-0.209				<i>GFRAL</i>	TSS1500
cg01638225	4	1,202,930	4.24E-15	-0.282	-0.254				<i>LOC100130872</i>	TSS200
cg06697455	5	27,039,965	1.04E-12	-0.282	-0.276				<i>CDH9</i>	TSS1500
cg27394794	10	52,600,370	0.000322	-0.282	-0.199				<i>A1CF</i>	Body
cg23355636	17	80,045,966	0.002732	-0.282	-0.172				<i>FASN</i>	Body
cg25391692	4	100,495,869	1.16E-05	-0.282	-0.267				<i>MTTP</i>	5'UTR
cg23846114	X	150,867,161	0.000613	-0.282	-0.191				<i>PRRG3</i>	5'UTR
cg04499646	6	133,529,701	0.008068	-0.282	-0.280					
cg00119186	1	158,670,124	0.014264	-0.282	-0.172				<i>OR6K2</i>	1stExon
cg25332238	2	70,122,333	0.00351	-0.282	-0.324				<i>SNRNP27</i>	Body
cg05042749	11	50,129,456	0.045252	-0.282	-0.182					
cg11943883	12	108,792,983	4.38E-05	-0.282	-0.272					
cg24462453	11	55,644,825	0.000622	-0.282	-0.179					
cg27133711	8	32,290,932	0.003334	-0.282	-0.269		Yes		<i>NRG1</i>	Body
cg16018995	11	124,387,366	0.01781	-0.282	-0.214					
cg20738733	19	3,983,041	1.06E-05	-0.282	-0.235				<i>EEF2</i>	Body
cg21028703	15	22,541,305	7.01E-07	-0.282	-0.276					
cg02922689	3	67,047,651	1.08E-05	-0.282	-0.305				<i>KBTBD8</i>	TSS1500
cg17835455	12	84,464,130	0.00319	-0.282	-0.236					
cg23375617	10	54,299,632	0.000113	-0.282	-0.190					
cg18519834	20	60,303,394	4.15E-05	-0.282	-0.212				<i>CDH4</i>	Body
cg00500221	1	2,915,875	0.002069	-0.282	-0.184					
cg05787063	10	6,740,633	0.007467	-0.282	-0.240					

cg22154859	20	52,823,177	1.89E-05	-0.282	-0.224				<i>PFDN4</i>	TSS1500
cg12404181	10	5,688,515	0.000177	-0.282	-0.292				<i>ASB13</i>	Body
cg20982011	11	1,950,657	5.08E-05	-0.282	-0.198				<i>TNNT3</i>	Body
cg19876302	10	123,494,737	6.52E-07	-0.282	-0.223					
cg03952361	12	132,870,378	1.17E-05	-0.283	-0.180				<i>GALNT9</i>	Body
cg05810731	13	91,049,886	3.91E-05	-0.283	-0.217					
cg21374754	3	42,452,862	4.56E-09	-0.283	-0.263				<i>LYZL4</i>	TSS1500
cg19370043	1	170,698,507	0.001756	-0.283	-0.181				<i>PRRX1</i>	Body
cg26852625	8	2,885,627	0.003777	-0.283	-0.212				<i>CSMD1</i>	Body
cg00790835	14	73,029,443	0.015507	-0.283	-0.329				<i>RGS6</i>	3'UTR
cg10656204	12	127,221,416	3.5E-08	-0.283	-0.280					
cg15047223	12	8,687,513	8.94E-08	-0.283	-0.270				<i>CLEC4E</i>	Body
cg03295542	8	89,777,219	2.49E-12	-0.283	-0.260					
cg27436118	16	4,729,905	6.13E-10	-0.283	-0.253				<i>MGRN1</i>	Body
cg04481779	6	137,366,125	1.13E-07	-0.283	-0.248	0.00177822	-0.045		<i>IL20RA</i>	1stExon
cg11735242	1	4,644,030	0.009713	-0.283	-0.213					
cg01203136	2	241,922,076	7.68E-06	-0.283	-0.213					
cg21385480	3	66,454,763	5.09E-10	-0.283	-0.284				<i>LRIG1</i>	Body
cg25389863	8	130,492,175	0.003203	-0.283	-0.278					
cg17678867	6	152,780,496	0.005191	-0.283	-0.184				<i>SYNE1</i>	Body
cg13029400	3	141,087,190	1.38E-10	-0.283	-0.244				<i>ZBTB38</i>	5'UTR
cg11056234	2	53,004,359	8.56E-06	-0.283	-0.261					
cg00117914	22	50,479,197	1.93E-08	-0.283	-0.269				<i>TLL8</i>	Body
cg26030804	11	794,764	6.4E-07	-0.283	-0.273				<i>SLC25A22</i>	Body
cg04166913	6	32,945,336	8.88E-13	-0.283	-0.320				<i>BRD2</i>	Body
cg03391002	12	108,566,377	1.23E-07	-0.283	-0.239				<i>WSCD2</i>	5'UTR
cg07285983	1	174,844,490	5.9E-08	-0.283	-0.261				<i>RABGAP1L</i>	Body
cg09092344	5	121,317,684	8.45E-13	-0.283	-0.262				<i>SRFBP1</i>	Body
cg11362049	11	131,971,356	0.000139	-0.283	-0.255				<i>NTM</i>	Body
cg03856044	1	159,557,632	5.76E-07	-0.283	-0.264				<i>APCS</i>	5'UTR
cg18148375	2	1,926,535	1.69E-11	-0.283	-0.288				<i>MYT1L</i>	Body
cg08782899	17	79,652,389	6.38E-08	-0.283	-0.201				<i>ARL16</i>	TSS1500
cg01182430	18	75,680,550	0.004626	-0.283	-0.173					
cg11164441	4	656,100	0.002409	-0.283	-0.155				<i>PDE6B</i>	Body

cg12965553	7	26,403,802	4.75E-12	-0.283	-0.312				<i>SNX10</i>	Body
cg12990308	2	91,936,175	2.59E-08	-0.283	-0.256					
cg22125989	11	125,744,082	0.0011	-0.283	-0.205					
cg02415992	16	10,102,278	5.64E-07	-0.283	-0.275				<i>GRIN2A</i>	Body
cg10467038	16	10,344,904	0.011685	-0.283	-0.200					
cg04392615	4	61,611,159	0.010427	-0.283	-0.213					
cg18187729	8	133,117,493	0.000765	-0.283	-0.281				<i>HHLA1</i>	1stExon
cg22691587	1	40,349,894	2.76E-11	-0.283	-0.273				<i>TRIT1</i>	TSS1500
cg25618439	1	149,158,099	0.005239	-0.283	-0.250					
cg04451579	7	32,059,706	0.004321	-0.283	-0.195				<i>PDE1C</i>	Body
cg14944696	3	115,155,686	2.25E-06	-0.283	-0.278					
cg17136275	1	240,874,893	8.3E-05	-0.283	-0.239					
cg13440244	X	52,896,774	0.007444	-0.284	-0.190				<i>XAGE3</i>	5'UTR
cg00998782	1	152,815,459	0.008473	-0.284	-0.195				<i>LCE6A</i>	1stExon
cg06836656	1	2,876,347	0.004306	-0.284	-0.126					
cg19375492	19	22,441,140	6.23E-06	-0.284	-0.262					
cg25859489	11	103,908,787	1.94E-06	-0.284	-0.214				<i>PDGFD</i>	Body
cg10962805	2	125,672,110	8.79E-10	-0.284	-0.298				<i>CNTNAP5</i>	3'UTR
cg13499324	9	3,441,530	2.6E-12	-0.284	-0.277				<i>RFX3</i>	5'UTR
cg19995049	8	99,059,026	9.44E-06	-0.284	-0.282				<i>RPL30</i>	TSS1500
cg03954794	1	215,035,489	0.000734	-0.284	-0.307					
cg18614139	14	83,692,140	1.2E-06	-0.284	-0.271					
cg08586216	6	35,612,351	8.51E-06	-0.284	-0.218				<i>FKBP5</i>	5'UTR
cg23253752	15	44,068,246	0.000573	-0.284	-0.256				<i>ELL3</i>	Body
cg00367424	11	1,673,835	5.77E-18	-0.284	-0.290				<i>HCCA2</i>	Body
cg01999051	6	166,797,738	1.45E-06	-0.284	-0.235				<i>BRP44L</i>	TSS1500
cg21610556	4	181,452,599	0.003682	-0.284	-0.181					
cg03326307	3	44,751,272	5.03E-09	-0.284	-0.230			Yes		
cg13087761	7	5,645,778	0.00864	-0.284	-0.148				<i>FSCN1</i>	3'UTR
cg15842898	4	17,189,023	0.000206	-0.284	-0.193					
cg23741006	11	59,634,191	6.41E-15	-0.284	-0.278				<i>TCN1</i>	TSS200
cg11911951	16	1,430,216	2.62E-07	-0.284	-0.353	3.07E-25	-0.172		<i>UNKL</i>	TSS1500
cg02893344	16	85,517,269	0.001716	-0.284	-0.241					
cg26607528	2	69,668,304	3.18E-09	-0.284	-0.294					

cg12352399	3	25,689,774	1.26E-15	-0.284	-0.260				<i>TOP2B</i>	Body
cg09171368	12	38,544,936	0.000275	-0.284	-0.203					
cg14321373	8	140,627,494	0.001103	-0.284	-0.215				<i>KCNK9</i>	3'UTR
cg18332838	8	126,698,738	3.15E-05	-0.284	-0.193					
cg23159250	11	134,783,504	0.001165	-0.284	-0.224					
cg03803009	17	72,363,634	3.59E-05	-0.284	-0.236	1.51E-16	-0.145		<i>GPR142</i>	TSS200
cg15584084	4	164,337,795	0.003177	-0.284	-0.222					
cg08581004	16	1,487,018	5.07E-10	-0.284	-0.249				<i>CCDC154</i>	Body
cg26009029	19	10,762,098	1.85E-15	-0.284	-0.278					
cg09234465	17	43,664,173	1.36E-16	-0.284	-0.252					
cg06921176	11	7,819,960	0.001971	-0.284	-0.285				<i>OR5P2</i>	TSS1500
cg18159533	12	133,357,242	0.003869	-0.284	-0.231				<i>GOLGA3</i>	Body
cg26362078	5	27,036,352	0.000483	-0.284	-0.216				<i>CDH9</i>	5'UTR
cg06826710	1	246,939,249	4.74E-08	-0.284	-0.264					
cg07885141	13	97,720,348	3.12E-08	-0.284	-0.234					
cg16176378	8	34,843,233	1.75E-07	-0.284	-0.255					
cg01400480	11	12,252,002	2.19E-05	-0.284	-0.306				<i>MICAL2</i>	Body
cg04852776	8	72,843,902	0.00139	-0.284	-0.223					
cg10318039	7	84,671,308	2.02E-12	-0.284	-0.300				<i>SEMA3D</i>	Body
cg01601926	16	8,986,308	2.62E-14	-0.284	-0.262				<i>USP7</i>	3'UTR
cg04141767	X	147,800,037	0.003835	-0.285	-0.237				<i>AFF2</i>	Body
cg00173005	1	158,258,366	1.1E-06	-0.285	-0.303				<i>CD1C</i>	TSS1500
cg04870949	13	114,109,857	0.012241	-0.285	-0.371					
cg20502080	14	73,137,874	0.000375	-0.285	-0.299				<i>DPF3</i>	Body
cg26421805	1	157,938,690	0.000193	-0.285	-0.233					
cg13322063	5	83,215,335	8.98E-05	-0.285	-0.258					
cg00061811	6	170,475,845	8.72E-09	-0.285	-0.210					
cg21157873	1	151,486,487	1.33E-07	-0.285	-0.258				<i>CGN</i>	5'UTR
cg06061536	3	41,405,770	3.75E-24	-0.285	-0.272				<i>ULK4</i>	Body
cg24444631	6	29,636,366	4.56E-09	-0.285	-0.268				<i>MOG</i>	3'UTR
cg12791065	15	101,419,269	0.001286	-0.285	-0.223				<i>ALDH1A3</i>	TSS1500
cg23404737	11	123,892,725	0.000903	-0.285	-0.252			Yes	<i>OR10G9</i>	TSS1500
cg09959790	13	59,616,937	2.34E-05	-0.285	-0.227					
cg22142212	X	151,562,912	0.000446	-0.285	-0.237				<i>GABRA3</i>	5'UTR



cg06612945	12	101,671,552	7.13E-08	-0.285	-0.270					
cg16908740	1	152,118,444	1.49E-11	-0.285	-0.259					
cg17626801	11	56,020,533	0.003286	-0.285	-0.222				<i>OR5T3</i>	1stExon
cg22433418	8	113,702,707	8.56E-08	-0.285	-0.271				<i>CSMD3</i>	Body
cg24547910	4	100,632,951	8.98E-12	-0.285	-0.289					
cg09242288	4	34,312,045	3.3E-06	-0.285	-0.264					
cg01584348	15	98,417,825	0.011351	-0.285	-0.228				<i>LOC91948</i>	TSS200
cg02480077	8	86,934,762	0.001579	-0.285	-0.273					
cg04138756	1	152,973,849	0.004001	-0.285	-0.264	4.51E-21	-0.211		<i>SPRR3</i>	TSS1500
cg00043792	10	26,219,304	3.93E-07	-0.285	-0.304					
cg22363368	2	59,126,860	0.001355	-0.285	-0.255					
cg24832498	11	5,528,669	0.000683	-0.285	-0.282				<i>UBQLN3</i>	3'UTR
cg00978051	16	59,786,279	3.9E-05	-0.285	-0.223					
cg20085588	10	81,316,188	4.53E-10	-0.285	-0.252				<i>SFTPA2</i>	3'UTR
cg27321942	19	49,993,217	5.9E-27	-0.285	-0.270				<i>RPL13AP5</i>	Body
cg03098981	21	37,021,315	6.29E-05	-0.285	-0.317					
cg12051956	12	6,807,082	2.22E-05	-0.285	-0.187				<i>C12orf53</i>	Body
cg03693842	X	151,620,975	0.004034	-0.285	-0.184				<i>GABRA3</i>	TSS1500
cg18480127	14	99,181,995	0.000314	-0.285	-0.215				<i>C14orf177</i>	5'UTR
cg25668093	15	95,399,279	0.002013	-0.285	-0.214					
cg07588006	4	175,752,696	0.002504	-0.285	-0.230					
cg11404502	10	133,376,790	0.031965	-0.285	-0.148					
cg18524788	7	25,890,808	0.007325	-0.285	-0.374					
cg25345746	4	172,032,402	1.92E-11	-0.285	-0.278					
cg17522727	11	794,867	1.04E-06	-0.285	-0.264				<i>SLC25A22</i>	Body
cg05475091	4	48,644,525	8.69E-10	-0.285	-0.237				<i>FRYL</i>	5'UTR
cg25611369	11	69,460,638	3.56E-09	-0.285	-0.260				<i>CCND1</i>	Body
cg13715798	20	37,228,520	1.6E-15	-0.285	-0.303					
cg08902243	19	1,440,293	2.8E-09	-0.286	-0.289				<i>RPS15</i>	Body
cg01074318	3	191,823,430	1.14E-06	-0.286	-0.230					
cg07424785	1	3,204,078	8.68E-07	-0.286	-0.218				<i>PRDM16</i>	Body
cg01093088	1	153,322,488	3.61E-07	-0.286	-0.248				<i>PGLYRP4</i>	TSS1500
cg08514311	16	51,416,829	0.006053	-0.286	-0.301					
cg15602735	X	141,293,333	0.001083	-0.286	-0.184	7.04E-11	-0.161		<i>MAGEC2</i>	TSS1500

cg16324934	14	86,088,580	0.001214	-0.286	-0.219				<i>FLRT2</i>	Body
cg24338745	10	9,639,590	1.47E-07	-0.286	-0.252					
cg11518938	1	159,138,217	8.85E-08	-0.286	-0.291					
cg14187877	4	16,679,554	0.001296	-0.286	-0.308				<i>LDB2</i>	Body
cg17793354	2	237,487,801	4.5E-06	-0.286	-0.231				<i>CXCR7</i>	5'UTR
cg01767053	16	85,678,884	5.35E-07	-0.286	-0.275				<i>KIAA0182</i>	5'UTR
cg07773582	16	4,845,285	0.002693	-0.286	-0.252				<i>LOC440335</i>	TSS200
cg14084826	1	205,632,101	6.23E-14	-0.286	-0.263				<i>SLC45A3</i>	Body
cg06675705	3	100,560,402	0.001563	-0.286	-0.242				<i>ABI3BP</i>	Body
cg24074153	14	47,572,921	3.95E-05	-0.286	-0.267				<i>MDGA2</i>	Body
cg23950788	7	31,728,475	0.003942	-0.286	-0.230				<i>C7orf16</i>	5'UTR
cg05365469	1	193,024,276	1.11E-12	-0.286	-0.284				<i>UCHL5</i>	Body
cg07720646	15	42,447,840	1.97E-05	-0.286	-0.220				<i>PLA2G4F</i>	Body
cg14608581	2	70,122,240	5.03E-06	-0.286	-0.312				<i>SNRNP27</i>	Body
cg22943388	12	132,076,630	0.001623	-0.286	-0.180					
cg19897017	7	2,163,380	0.007731	-0.286	-0.361				<i>MAD1L1</i>	Body
cg17827477	22	49,487,343	0.000364	-0.286	-0.186					
cg02830467	6	153,018,721	1.9E-06	-0.286	-0.222	2.3E-10	-0.226		<i>MYCT1</i>	TSS1500
cg12219434	3	80,820,415	4.25E-11	-0.286	-0.281					
cg25742394	3	169,754,870	2.08E-09	-0.286	-0.293			Yes	<i>GPR160</i>	TSS1500
cg00564061	6	117,001,170	3.55E-12	-0.286	-0.278				<i>KPNA5</i>	TSS1500
cg10271112	10	57,394,513	4.25E-06	-0.286	-0.263					
cg22682646	12	114,216,448	8.71E-05	-0.286	-0.241					
cg17134153	1	157,670,328	0.000703	-0.286	-0.325				<i>FCRL3</i>	5'UTR
cg07494300	13	102,051,019	1.86E-05	-0.286	-0.267				<i>NALCN</i>	Body
cg14309307	6	105,750,523	3.63E-14	-0.286	-0.295				<i>PREP</i>	Body
cg17296650	11	123,909,325	2.04E-05	-0.286	-0.255				<i>OR10G7</i>	1stExon
cg15658344	12	50,720,139	2.45E-10	-0.286	-0.254					
cg09091657	8	41,004,167	0.000917	-0.286	-0.148			Yes		
cg20810046	2	242,065,812	5.19E-10	-0.286	-0.272				<i>PASK</i>	Body
cg00026141	3	191,579,258	0.004701	-0.287	-0.254					
cg04809380	16	1,244,525	4.54E-05	-0.287	-0.304				<i>CACNA1H</i>	Body
cg14851701	12	131,831,956	0.000563	-0.287	-0.220					
cg09168797	5	125,800,797	5.97E-08	-0.287	-0.296			Yes	<i>GRAMD3</i>	Body

cg08170637	17	79,988,088	0.000122	-0.287	-0.205				<i>RAC3</i>	TSS1500
cg18858676	11	123,899,655	1.41E-06	-0.287	-0.278				<i>OR10G8</i>	TSS1500
cg03517837	3	193,106,359	0.003842	-0.287	-0.203					
cg25463742	1	10,839,574	0.000142	-0.287	-0.285				<i>CASZ1</i>	5'UTR
cg09832443	7	28,612,680	6.85E-14	-0.287	-0.282				<i>CREB5</i>	Body
cg21078966	18	68,699,782	0.00078	-0.287	-0.182					
cg13320436	8	55,138,014	5.15E-05	-0.287	-0.318					
cg06118609	11	7,982,706	3.89E-06	-0.287	-0.259				<i>NLRP10</i>	Body
cg04176452	14	71,131,956	4.3E-05	-0.287	-0.273				<i>TTC9</i>	Body
cg01564772	16	8,995,896	0.002331	-0.287	-0.268				<i>USP7</i>	Body
cg01847754	X	144,909,347	1.98E-05	-0.287	-0.274				<i>CXorf1</i>	1stExon
cg21570843	1	2,789,896	4.15E-05	-0.287	-0.252					
cg19787000	12	127,220,652	0.000616	-0.287	-0.252					
cg21336434	7	54,271,282	1.16E-08	-0.287	-0.274				<i>HPVC1</i>	TSS1500
cg18119407	2	201,980,504	1.85E-18	-0.287	-0.286	3.55E-30	-0.206		<i>CFLAR</i>	TSS1500
cg21613549	13	111,936,071	0.004267	-0.287	-0.288				<i>ARHGEF7</i>	Body
cg14997413	7	51,384,937	6.84E-12	-0.287	-0.269				<i>COBL</i>	TSS1500
cg20734219	5	146,453,021	7.77E-09	-0.287	-0.240				<i>PPP2R2B</i>	5'UTR
cg23875854	10	6,531,368	0.001163	-0.287	-0.228				<i>PRKCQ</i>	Body
cg27053493	1	29,823,421	7.88E-05	-0.287	-0.220					
cg19938167	1	199,052,402	0.000104	-0.287	-0.257					
cg24385652	10	50,329,828	1.42E-06	-0.287	-0.238					
cg25708982	13	112,895,431	0.001286	-0.287	-0.175					
cg05863862	6	29,649,807	9.09E-05	-0.287	-0.231					
cg16678467	16	24,265,847	0.004328	-0.287	-0.311				<i>CACNG3</i>	TSS1500
cg12543219	10	135,016,451	0.010289	-0.287	-0.141				<i>KNDC1</i>	Body
cg08339159	4	155,507,878	0.003984	-0.287	-0.159				<i>FGA</i>	Body
cg07956247	1	3,148,005	0.017967	-0.287	-0.070				<i>PRDM16</i>	Body
cg11724511	11	1,455,468	5.23E-11	-0.287	-0.267				<i>BRSK2</i>	Body
cg03004417	11	61,357,547	2.61E-09	-0.287	-0.268					
cg19920029	14	47,411,755	2.49E-05	-0.287	-0.307				<i>MDGA2</i>	Body
cg14797580	17	80,053,635	1.02E-14	-0.287	-0.284			Yes	<i>FASN</i>	Body
cg08519008	11	123,815,202	2.47E-05	-0.287	-0.289				<i>OR6T1</i>	TSS1500
cg02320356	8	127,237,106	0.003687	-0.287	-0.272					

cg18309674	14	105,495,862	4.19E-05	-0.287	-0.317					
cg18790787	2	118,170,690	0.000125	-0.287	-0.272					
cg14569380	9	137,036,533	8.37E-05	-0.287	-0.257					
cg10846614	X	150,902,317	6.18E-09	-0.287	-0.295				<i>CNGA2</i>	TSS1500
cg11124142	10	38,463,685	0.000108	-0.287	-0.274				<i>LOC100129055</i>	TSS1500
cg15244965	8	3,429,480	0.015769	-0.287	-0.271				<i>CSMD1</i>	Body
cg19852204	5	3,932,233	0.000111	-0.287	-0.265			Yes		
cg05272165	6	156,103,037	0.021449	-0.288	-0.217					
cg10054857	18	61,816,543	0.003689	-0.288	-0.234	5.88E-09	-0.210		<i>C18orf20</i>	TSS1500
cg01346596	10	11,868,146	0.018479	-0.288	-0.186				<i>C10orf47</i>	5'UTR
cg07947016	19	51,375,893	2.35E-06	-0.288	-0.225			Yes	<i>KLK2</i>	TSS1500
cg10888111	2	1,637,068	0.006425	-0.288	-0.115				<i>PXDN</i>	3'UTR
cg27179710	4	189,700,628	5.02E-11	-0.288	-0.287					
cg18013056	8	47,174,057	0.001691	-0.288	-0.257					
cg23994025	11	103,608,623	3.76E-14	-0.288	-0.285					
cg19718662	7	53,811,402	1.22E-06	-0.288	-0.287					
cg07991139	11	122,191,244	3.3E-09	-0.288	-0.247					
cg09081266	6	29,365,287	0.006052	-0.288	-0.263				<i>OR12D2</i>	1stExon
cg14948825	4	178,138,573	1.03E-09	-0.288	-0.301					
cg01421943	4	107,843,676	7.38E-05	-0.288	-0.242				<i>DKK2</i>	3'UTR
cg14740771	1	207,262,428	4.56E-09	-0.288	-0.250				<i>C4BPB</i>	5'UTR
cg26636590	4	46,911,374	0.00133	-0.288	-0.183				<i>COX7B2</i>	TSS200
cg26733975	7	56,551,640	0.000807	-0.288	-0.245					
cg24537237	11	1,254,204	3.51E-15	-0.288	-0.274				<i>MUC5B</i>	Body
cg11155992	13	19,142,361	0.000198	-0.288	-0.236					
cg18146221	2	182,361,913	6.11E-12	-0.288	-0.251				<i>ITGA4</i>	Body
cg20094831	10	44,699,412	0.000164	-0.288	-0.261					
cg27417294	10	81,904,244	4.09E-11	-0.288	-0.218				<i>PLAC9</i>	Body
cg20926939	4	17,030,288	1.92E-08	-0.288	-0.291					
cg27265630	10	85,958,429	1.07E-14	-0.288	-0.264				<i>PCDH21</i>	Body
cg06878426	6	166,666,287	8.78E-05	-0.288	-0.221					
cg08832234	8	138,493,933	0.000116	-0.288	-0.251			Yes		
cg22451632	1	157,075,626	1.47E-07	-0.288	-0.260					
cg11820931	10	70,717,302	8.87E-06	-0.288	-0.303				<i>DDX21</i>	Body

cg26196124	11	49,877,977	0.000675	-0.288	-0.252					
cg21425607	8	106,611,264	0.00846	-0.288	-0.290				ZFPM2	Body
cg23413289	4	187,619,438	0.000184	-0.288	-0.329				FAT1	Body
cg10910862	4	170,414,111	1.12E-07	-0.288	-0.228				NEK1	Body
cg24119500	6	69,420,780	0.00014	-0.288	-0.320				BAI3	Body
cg08450807	13	103,702,677	0.004655	-0.288	-0.309				SLC10A2	Body
cg11791144	8	32,129,319	8.09E-06	-0.288	-0.282				NRG1	Body
cg26939227	17	1,372,403	5.06E-07	-0.288	-0.230				MYO1C	Body
cg04891688	3	99,113,136	0.002296	-0.288	-0.213					
cg05933997	16	86,735,122	7.37E-09	-0.288	-0.237					
cg11074070	2	80,557,293	0.000694	-0.288	-0.257				CTNNA2	Body
cg23121887	13	112,901,907	0.005471	-0.288	-0.166					
cg12664951	10	117,817,567	0.026501	-0.288	-0.190				GFRA1	3'UTR
cg04350066	20	31,594,060	6.73E-07	-0.288	-0.318				BPIL1	TSS1500
cg05261028	8	128,494,655	0.00038	-0.288	-0.161				LOC727677	TSS1500
cg25363564	10	111,540,348	0.000436	-0.288	-0.296					
cg07018580	11	59,480,501	0.003723	-0.288	-0.259				OR10V1	1stExon
cg04173852	17	66,292,375	0.000213	-0.289	-0.225			Yes	ARSG	5'UTR
cg22600832	15	89,746,837	0.001018	-0.289	-0.211					
cg10572188	3	113,213,220	3.18E-18	-0.289	-0.275				CCDC52	Body
cg07275552	5	83,874,980	0.000704	-0.289	-0.230					
cg02347113	2	101,752,032	1.2E-07	-0.289	-0.253				TBC1D8	Body
cg00084798	8	142,841,965	0.008912	-0.289	-0.169					
cg20818262	8	73,480,145	0.001957	-0.289	-0.187				KCNB2	Body
cg26900781	4	47,038,032	0.00065	-0.289	-0.282				GABRB1	Body
cg19207486	19	22,323,107	0.001011	-0.289	-0.244					
cg23255020	1	246,939,407	1.91E-09	-0.289	-0.285					
cg03706175	2	47,597,331	4.58E-13	-0.289	-0.297				EPCAM	Body
cg10096929	1	156,261,403	1.2E-13	-0.289	-0.269				TMEM79	Body
cg20480740	11	123,899,875	6.99E-05	-0.289	-0.224				OR10G8	TSS1500
cg11501364	13	99,851,660	2.2E-12	-0.289	-0.285				UBAC2	TSS1500
cg22369037	6	31,516,024	0.042509	-0.289	-0.353				ATP6V1G2	TSS1500
cg02537612	X	144,712,518	0.005125	-0.289	-0.206					
cg11585670	1	177,136,968	0.000117	-0.289	-0.281					

cg23385248	15	93,579,332	3.77E-10	-0.289	-0.280					
cg23542590	3	56,717,769	1.47E-05	-0.289	-0.301				<i>C3orf63</i>	TSS1500
cg07096218	1	95,581,952	1.34E-11	-0.289	-0.258				<i>TMEM56</i>	TSS1500
cg24023916	7	114,349,996	0.007688	-0.289	-0.268					
cg01325552	4	187,025,420	0.000109	-0.289	-0.182					
cg08613794	16	16,974,291	0.00593	-0.289	-0.158					
cg22679813	7	154,068,736	0.046218	-0.289	-0.206				<i>DPP6</i>	Body
cg20559403	10	134,940,595	0.015578	-0.289	-0.141				<i>GPR123</i>	Body
cg16560627	11	7,985,226	0.001512	-0.289	-0.234				<i>NLRP10</i>	TSS200
cg07570113	16	59,790,180	9.71E-07	-0.289	-0.274				<i>LOC644649</i>	TSS1500
cg10326726	10	51,549,505	3.67E-06	-0.289	-0.264				<i>MSMB</i>	TSS200
cg21451653	12	34,551,994	0.0003	-0.289	-0.239					
cg14075424	19	13,988,235	0.000442	-0.289	-0.280				<i>NANOS3</i>	1stExon
cg17004353	11	3,073,441	0.00122	-0.289	-0.397				<i>CARS</i>	Body
cg18585560	14	70,236,546	0.025288	-0.289	-0.262				<i>SFRS5</i>	Body
cg02736228	1	204,346,643	0.000144	-0.289	-0.231					
cg25092670	3	108,837,620	7.72E-09	-0.289	-0.235				<i>MORC1</i>	TSS1500
cg02281970	19	1,271,307	1.01E-12	-0.289	-0.277				<i>C19orf23</i>	TSS1500
cg25132662	1	218,537,543	5.24E-24	-0.289	-0.272				<i>TGFB2</i>	Body
cg05905309	19	46,364,326	1.12E-08	-0.290	-0.254				<i>SYMPK</i>	5'UTR
cg00298919	16	86,421,796	0.00017	-0.290	-0.236					
cg13156856	8	32,732,320	8.85E-05	-0.290	-0.254					
cg10687219	11	68,174,286	2.25E-07	-0.290	-0.285				<i>LRP5</i>	Body
cg20441894	3	108,476,163	0.002764	-0.290	-0.246				<i>RETNLB</i>	TSS200
cg00887508	13	22,425,573	0.000146	-0.290	-0.269					
cg08963360	5	4,644,421	0.006614	-0.290	-0.197					
cg23919924	11	123,900,690	6.69E-14	-0.290	-0.267				<i>OR10G8</i>	1stExon
cg04720283	11	103,914,796	6.3E-05	-0.290	-0.220				<i>PDGFD</i>	Body
cg10336108	15	101,419,262	0.000775	-0.290	-0.213				<i>ALDH1A3</i>	TSS1500
cg16264520	8	132,499,419	3.89E-05	-0.290	-0.212					
cg04919982	12	18,243,179	8.75E-05	-0.290	-0.330				<i>RERGL</i>	TSS200
cg04986935	10	110,673,613	0.000153	-0.290	-0.251			Yes		
cg14091631	1	225,117,076	1.75E-17	-0.290	-0.304				<i>DNAH14</i>	TSS1500
cg12303623	10	75,335,352	2.15E-09	-0.290	-0.248				<i>USP54</i>	1stExon

cg19200333	10	108,918,391	5.14E-05	-0.290	-0.282				<i>SORCS1</i>	Body
cg20335735	6	150,068,006	3.86E-10	-0.290	-0.281				<i>NUP43</i>	TSS1500
cg22304522	8	131,914,037	8.1E-09	-0.290	-0.292				<i>ADCY8</i>	Body
cg20290367	17	20,060,457	1.36E-08	-0.290	-0.300				<i>CYTSB</i>	Body
cg06240409	16	10,206,565	0.00031	-0.290	-0.282				<i>GRIN2A</i>	Body
cg07675656	16	2,105,015	3.35E-13	-0.290	-0.306				<i>TSC2</i>	Body
cg23027179	5	32,811,515	7.02E-07	-0.290	-0.183					
cg19304797	12	34,445,021	0.001712	-0.290	-0.212					
cg07103517	7	50,348,485	0.009882	-0.290	-0.284				<i>IKZF1</i>	5'UTR
cg14520280	1	242,767,727	0.015418	-0.290	-0.193					
cg26480289	2	92,035,167	3.63E-05	-0.290	-0.235					
cg05851493	12	132,142,067	0.003468	-0.290	-0.206					
cg01526498	14	101,416,558	3.54E-10	-0.290	-0.254					
cg25972591	19	58,627,987	0.002093	-0.290	-0.229				<i>ZSCAN18</i>	Body
cg08123100	4	187,148,430	1.17E-11	-0.290	-0.258				<i>KLKB1</i>	TSS1500
cg15634928	5	87,894,586	2.51E-05	-0.290	-0.271				<i>LOC645323</i>	Body
cg01732875	13	20,068,905	7.45E-05	-0.290	-0.254				<i>TPTE2</i>	Body
cg21170007	9	138,465,739	0.01363	-0.290	-0.202					
cg27026045	8	2,242,024	5.75E-08	-0.290	-0.262					
cg02060465	1	152,941,727	0.001608	-0.290	-0.244				<i>SPRR4</i>	TSS1500
cg13845105	12	112,846,051	1.6E-07	-0.290	-0.290				<i>RPL6</i>	Body
cg00277927	19	29,456,219	1.82E-05	-0.290	-0.263				<i>LOC148145</i>	Body
cg00973309	15	75,111,129	2.12E-06	-0.290	-0.242				<i>LMAN1L</i>	Body
cg19521610	22	49,717,457	9.33E-08	-0.290	-0.291					
cg20666186	19	4,038,956	6.61E-21	-0.290	-0.295					
cg13130398	1	174,844,397	4.32E-09	-0.290	-0.266				<i>RABGAP1L</i>	TSS1500
cg05041871	2	1,732,234	0.00158	-0.291	-0.302				<i>PXDN</i>	Body
cg07459478	7	55,589,803	2E-08	-0.291	-0.315				<i>VOPP1</i>	Body
cg02605996	3	148,664,754	4.78E-05	-0.291	-0.322					
cg12060838	1	158,028,936	0.005155	-0.291	-0.156				<i>KIRREL</i>	Body
cg23104248	8	118,616,037	0.000464	-0.291	-0.224					
cg27530186	12	121,688,459	0.000863	-0.291	-0.183				<i>CAMKK2</i>	Body
cg25021530	5	44,333,003	9.37E-12	-0.291	-0.265				<i>FGF10</i>	Body
cg17000343	8	7,834,142	0.000441	-0.291	-0.209				<i>FAM66E</i>	Body

cg19661030	4	8,429,229	0.00372	-0.291	-0.375				<i>ACOX3</i>	5'UTR
cg13393809	2	239,974,467	2.8E-07	-0.291	-0.269				<i>HDAC4</i>	3'UTR
cg11395414	19	39,443,284	0.000189	-0.291	-0.210			Yes	<i>FBXO17</i>	5'UTR
cg24667326	1	152,973,720	0.007856	-0.291	-0.230				<i>SPRR3</i>	TSS1500
cg09032137	11	19,362,896	0.000317	-0.291	-0.218					
cg00579805	1	185,822,829	2.25E-10	-0.291	-0.216				<i>HMCN1</i>	Body
cg19716950	1	170,655,402	0.006137	-0.291	-0.220				<i>PRRX1</i>	Body
cg27223882	2	154,245,346	8.8E-05	-0.291	-0.281					
cg13391455	2	84,521,105	1.31E-07	-0.291	-0.244					
cg14325436	19	17,404,977	0.013704	-0.291	-0.285				<i>ABHD8</i>	Body
cg16674248	22	46,664,402	2.85E-05	-0.291	-0.232				<i>TTC38</i>	Body
cg18888137	6	32,945,759	6.48E-08	-0.291	-0.318				<i>BRD2</i>	Body
cg11950860	1	152,730,231	0.002808	-0.291	-0.277				<i>KPRP</i>	TSS1500
cg18627442	12	128,899,917	0.032386	-0.291	-0.165				<i>TMEM132C</i>	Body
cg02499308	2	135,594,780	5.54E-06	-0.291	-0.270				<i>ACMSD</i>	TSS1500
cg03084838	16	751,603	2.86E-10	-0.291	-0.294				<i>FBXL16</i>	5'UTR
cg01260308	14	50,233,662	2.45E-09	-0.291	-0.303				<i>KLHDC2</i>	TSS1500
cg24424217	10	135,123,421	9.46E-19	-0.291	-0.286				<i>ZNF511</i>	Body
cg04014889	15	23,890,593	0.000214	-0.291	-0.216	1.61E-17	-0.178		<i>MAGEL2</i>	1stExon
cg15384668	22	47,609,606	1.11E-05	-0.291	-0.283					
cg18781372	3	38,937,304	0.011417	-0.291	-0.228				<i>SCN11A</i>	Body
cg01001049	16	8,995,730	0.000124	-0.291	-0.269				<i>USP7</i>	Body
cg01259871	22	41,939,256	0.000316	-0.291	-0.193				<i>POLR3H</i>	Body
cg05624199	19	41,168,318	0.012283	-0.291	-0.156					
cg13741304	9	140,501,305	3.36E-12	-0.291	-0.292				<i>ARRDC1</i>	Body
cg18647449	10	134,730,222	0.000117	-0.291	-0.247					
cg01803258	1	159,160,407	6.88E-05	-0.291	-0.275				<i>CADM3</i>	Body
cg12332524	11	45,733,155	1.59E-07	-0.291	-0.282					
cg06533233	1	186,162,050	0.001439	-0.291	-0.229				<i>MIR548F1</i>	Body
cg01142066	2	96,010,652	1.23E-05	-0.291	-0.228				<i>KCNIP3</i>	Body
cg02581614	6	131,455,450	3.46E-09	-0.291	-0.251					
cg04389917	X	3,238,486	0.003417	-0.291	-0.256				<i>MXRA5</i>	Body
cg03862987	4	76,596,784	1.16E-12	-0.291	-0.273				<i>G3BP2</i>	5'UTR
cg19254118	19	1,907,972	1.17E-06	-0.291	-0.297				<i>ADAT3</i>	5'UTR



cg01558785	6	29,638,162	4.34E-05	-0.292	-0.217				<i>MOG</i>	3'UTR
cg00175153	16	2,012,763	1.19E-14	-0.292	-0.307				<i>SNORA10</i>	TSS1500
cg09763095	4	102,177,107	1.26E-07	-0.292	-0.194				<i>PPP3CA</i>	Body
cg22759261	15	32,206,583	0.002879	-0.292	-0.218					
cg12295053	19	51,302,741	6.15E-21	-0.292	-0.258				<i>C19orf48</i>	5'UTR
cg23819286	1	185,984,412	2.07E-06	-0.292	-0.308				<i>HMCN1</i>	Body
cg16353833	2	200,488,208	3.86E-05	-0.292	-0.262					
cg08644897	13	112,607,846	0.012097	-0.292	-0.102					
cg07260541	16	51,117,848	9.23E-05	-0.292	-0.260					
cg01297500	3	46,245,390	4.33E-24	-0.292	-0.253				<i>CCR1</i>	Body
cg05363081	10	133,508,442	0.007053	-0.292	-0.201					
cg08697116	19	51,410,274	2.1E-10	-0.292	-0.282				<i>KLK4</i>	Body
cg04475868	16	86,380,594	0.000483	-0.292	-0.211				<i>LOC732275</i>	TSS1500
cg11375831	3	167,193,257	2.52E-05	-0.292	-0.252				<i>SERPINI2</i>	TSS1500
cg04972930	1	158,736,112	0.003028	-0.292	-0.210				<i>OR6N1</i>	1stExon
cg05570079	X	21,856,948	2.53E-16	-0.292	-0.289				<i>MBTPS2</i>	TSS1500
cg08648317	11	59,807,830	1.46E-06	-0.292	-0.327				<i>PLAC1L</i>	1stExon
cg03196720	12	6,473,299	4.64E-08	-0.292	-0.279				<i>SCNN1A</i>	Body
cg15021031	5	146,333,034	2.07E-10	-0.292	-0.288				<i>PPP2R2B</i>	5'UTR
cg22937354	11	55,606,216	0.000606	-0.292	-0.276				<i>OR5D16</i>	TSS200
cg03530393	7	31,850,782	2.23E-05	-0.292	-0.277				<i>PDE1C</i>	Body
cg04157272	2	68,017,838	0.000661	-0.292	-0.280					
cg15726025	1	32,681,995	2.56E-09	-0.292	-0.321				<i>C1orf91</i>	3'UTR
cg08214060	11	132,107,534	0.002072	-0.292	-0.232				<i>NTM</i>	Body
cg01975957	1	152,798,912	0.000565	-0.292	-0.233				<i>LCE1A</i>	TSS1500
cg12921481	1	158,747,277	0.000435	-0.292	-0.304				<i>OR6N2</i>	1stExon
cg22540233	21	31,587,610	8.56E-08	-0.292	-0.317				<i>CLDN8</i>	1stExon
cg00519537	16	7,796,774	7.09E-19	-0.292	-0.309					
cg27238887	11	824,970	5.17E-06	-0.292	-0.299				<i>PNPLA2</i>	3'UTR
cg25831281	X	52,841,109	0.000851	-0.293	-0.228				<i>XAGE5</i>	TSS200
cg12908916	11	124,387,060	0.000129	-0.293	-0.246					
cg20582941	3	35,721,166	0.008745	-0.293	-0.267				<i>ARPP-21</i>	5'UTR
cg00736201	12	108,643,267	2.36E-07	-0.293	-0.321				<i>WSCD2</i>	3'UTR
cg01390061	2	127,642,574	0.000706	-0.293	-0.218					

cg07128660	16	82,474,489	0.000134	-0.293	-0.284					
cg21889448	4	62,637,815	0.001353	-0.293	-0.234				<i>LPHN3</i>	Body
cg02083707	11	104,654,124	0.016731	-0.293	-0.151					
cg27002325	11	68,174,209	1.92E-09	-0.293	-0.292				<i>LRP5</i>	Body
cg01027858	3	112,407,713	1.97E-12	-0.293	-0.289					
cg19707128	2	127,635,279	0.045597	-0.293	-0.170					
cg12026858	11	114,067,446	1.6E-09	-0.293	-0.268				<i>ZBTB16</i>	Body
cg03435384	15	53,681,873	0.001428	-0.293	-0.289					
cg14632902	9	139,017,648	0.000195	-0.293	-0.307			Yes		
cg11417496	6	134,142,331	3.15E-06	-0.293	-0.267				<i>MGC34034</i>	Body
cg13391471	11	88,137,627	1.99E-07	-0.293	-0.257					
cg04943241	4	5,898,879	1.55E-05	-0.293	-0.194					
cg12570419	9	138,636,968	9.94E-07	-0.293	-0.304				<i>KCNT1</i>	Body
cg14921326	8	119,358,052	7.09E-06	-0.293	-0.188				<i>SAMD12</i>	Body
cg00939432	22	29,977,677	0.001092	-0.293	-0.297				<i>NIPSNAP1</i>	TSS1500
cg00130530	6	35,657,202	1.94E-12	-0.293	-0.269				<i>FKBP5</i>	5'UTR
cg14250336	9	90,195,885	7.46E-10	-0.293	-0.282				<i>DAPK1</i>	Body
cg12619747	8	55,180,538	8.98E-05	-0.293	-0.326					
cg14271023	2	238,410,067	2.88E-10	-0.293	-0.265				<i>MLPH</i>	Body
cg03802272	3	158,361,750	0.000122	-0.293	-0.215				<i>GFM1</i>	TSS1500
cg19856263	11	127,012,786	0.000315	-0.293	-0.244					
cg13745653	4	159,494,509	0.002153	-0.293	-0.218				<i>RXFP1</i>	Body
cg13211559	1	20,308,066	0.000117	-0.293	-0.347				<i>PLA2G2A</i>	TSS1500
cg02927058	1	10,116,780	1.14E-09	-0.293	-0.281				<i>UBE4B</i>	Body
cg12896170	6	28,890,069	1.03E-05	-0.293	-0.205				<i>TRIM27</i>	Body
cg26460366	4	17,068,050	9.05E-12	-0.293	-0.285					
cg26147514	7	47,182,756	7.34E-05	-0.293	-0.216					
cg11084443	15	66,963,753	1.19E-16	-0.293	-0.281					
cg08101739	1	152,815,158	0.002574	-0.293	-0.226				<i>LCE6A</i>	TSS200
cg12937141	X	103,267,926	0.000274	-0.293	-0.187				<i>MIR1256</i>	Body
cg27168737	1	238,049,504	0.001895	-0.293	-0.272				<i>LOC100130331</i>	Body
cg16112248	7	54,164,018	0.000754	-0.294	-0.190					
cg02583589	3	19,791,456	0.000175	-0.294	-0.271					
cg03274391	3	22,413,232	9.8E-09	-0.294	-0.285					

cg18268488	1	157,545,234	0.011002	-0.294	-0.217				<i>FCRL4</i>	3'UTR
cg09220563	14	54,261,853	8.64E-05	-0.294	-0.371					
cg00225902	3	66,444,122	2.16E-20	-0.294	-0.275				<i>LRIG1</i>	Body
cg02952451	15	101,938,761	6.71E-09	-0.294	-0.308				<i>PCSK6</i>	Body
cg27170427	12	130,958,711	0.038063	-0.294	-0.167				<i>RIMBP2</i>	Body
cg27212428	4	22,031,559	9.54E-10	-0.294	-0.274					
cg06307943	17	79,059,375	0.010118	-0.294	-0.098				<i>BAIAP2</i>	Body
cg07546062	14	72,925,007	0.001585	-0.294	-0.309				<i>RGS6</i>	Body
cg17504641	10	44,458,167	0.004339	-0.294	-0.286					
cg04674428	16	58,956,301	0.000274	-0.294	-0.258					
cg10761351	8	6,637,965	6.76E-10	-0.294	-0.272					
cg26531371	1	152,815,068	0.007811	-0.294	-0.248				<i>LCE6A</i>	TSS1500
cg05775492	16	86,258,717	0.000148	-0.294	-0.235					
cg22686718	12	127,209,925	1.96E-05	-0.294	-0.275					
cg24582743	13	112,885,802	0.000454	-0.294	-0.216					
cg08780218	5	172,194,729	4.6E-07	-0.294	-0.308					
cg25843833	11	20,177,078	0.003484	-0.294	-0.302					
cg02147240	14	73,011,054	0.000239	-0.294	-0.326				<i>RGS6</i>	Body
cg11327391	X	20,161,079	3.19E-09	-0.294	-0.279				<i>EIF1AX</i>	TSS1500
cg01147665	3	32,146,075	1.91E-07	-0.294	-0.283					
cg03187668	11	55,431,152	0.001045	-0.294	-0.221				<i>OR4C6</i>	TSS1500
cg03655692	8	118,636,496	8.38E-06	-0.294	-0.269					
cg09684588	5	4,207,758	0.000325	-0.294	-0.240					
cg20951266	1	152,856,288	0.004357	-0.294	-0.269				<i>SMCP</i>	5'UTR
cg14283299	9	129,675,096	3.84E-09	-0.294	-0.287					
cg08331163	11	59,271,519	3.01E-05	-0.294	-0.285				<i>OR4D11</i>	1stExon
cg13473274	11	109,460,118	3.79E-08	-0.294	-0.292					
cg17031631	1	207,192,387	6.65E-11	-0.294	-0.289				<i>C1orf116</i>	3'UTR
cg22932313	11	34,535,189	0.019415	-0.294	-0.307				<i>ELF5</i>	5'UTR
cg11036656	3	81,887,543	0.004896	-0.294	-0.309					
cg18956562	7	144,149,304	2.72E-13	-0.294	-0.291				<i>TPK1</i>	3'UTR
cg05532980	16	23,721,859	0.000514	-0.294	-0.219				<i>ERN2</i>	Body
cg20396393	7	23,720,838	1.19E-11	-0.294	-0.292				<i>C7orf46</i>	Body
cg11684450	19	1,272,853	6.51E-06	-0.294	-0.290				<i>CIRBP</i>	Body

cg04228039	11	104,035,557	0.000447	-0.294	-0.264				<i>PDGFD</i>	TSS1500
cg11158236	X	25,021,934	3.03E-09	-0.294	-0.299				<i>ARX</i>	3'UTR
cg20801711	8	55,278,980	1.59E-05	-0.295	-0.315					
cg25382573	12	93,096,844	3.2E-08	-0.295	-0.281				<i>C12orf74</i>	5'UTR
cg01917716	11	59,824,541	6.81E-07	-0.295	-0.258				<i>MS4A3</i>	5'UTR
cg14163691	14	105,268,590	0.001593	-0.295	-0.151				<i>ZBTB42</i>	Body
cg11323650	11	55,905,246	5.95E-05	-0.295	-0.259				<i>OR8J3</i>	TSS200
cg04720596	19	4,304,173	1.79E-11	-0.295	-0.273				<i>FSD1</i>	TSS1500
cg01882930	22	39,713,008	2.08E-19	-0.295	-0.281				<i>RPL3</i>	Body
cg05638439	16	711,235	1.03E-12	-0.295	-0.264				<i>WDR90</i>	Body
cg17054691	17	79,813,439	5.33E-16	-0.295	-0.259				<i>P4HB</i>	Body
cg00187686	11	59,634,218	3.43E-07	-0.295	-0.224	2.43E-08	-0.195		<i>TCN1</i>	TSS200
cg27060294	4	16,839,404	6.97E-05	-0.295	-0.263				<i>LDB2</i>	Body
cg22836359	12	6,933,548	0.001692	-0.295	-0.170				<i>GPR162</i>	Body
cg02877575	11	131,411,235	0.000126	-0.295	-0.318				<i>NTM</i>	Body
cg05369766	8	50,629,982	0.008288	-0.295	-0.198					
cg21877907	11	131,506,338	1.91E-05	-0.295	-0.273				<i>NTM</i>	Body
cg12687463	1	196,787,850	0.000243	-0.295	-0.274				<i>CFHR1</i>	TSS1500
cg00130710	6	40,565,925	2.25E-09	-0.295	-0.294					
cg04567009	1	161,600,769	3.04E-05	-0.295	-0.289	1.83E-13	-0.162		<i>FCGR3B</i>	Body
cg23010585	11	67,210,192	1.72E-39	-0.295	-0.285				<i>CORO1B</i>	5'UTR
cg05042938	1	170,705,977	0.001461	-0.295	-0.315				<i>PRRX1</i>	3'UTR
cg15766492	X	103,268,280	0.028666	-0.295	-0.162				<i>H2BFWT</i>	TSS200
cg19582822	19	51,375,975	2.19E-06	-0.295	-0.226				<i>KLK2</i>	TSS1500
cg22907892	14	97,673,726	0.000462	-0.295	-0.313					
cg18236584	5	151,476,553	0.001001	-0.295	-0.299			Yes		
cg03197792	2	242,190,985	1.89E-05	-0.295	-0.236				<i>HDLBP</i>	Body
cg04906886	3	100,755,611	2.87E-08	-0.295	-0.270					
cg13498800	1	182,031,601	5.4E-07	-0.295	-0.299				<i>ZNF648</i>	TSS1500
cg15489196	2	1,732,347	1.21E-08	-0.295	-0.299				<i>PXDN</i>	Body
cg23399286	8	133,072,873	0.000249	-0.295	-0.293				<i>OC90</i>	TSS1500
cg12031375	2	88,408,688	0.000188	-0.296	-0.165				<i>SMYD1</i>	Body
cg13070632	7	57,714,756	0.000672	-0.296	-0.228					
cg16020016	12	56,038,795	6.2E-06	-0.296	-0.283					

cg10919344	11	59,210,634	6.76E-05	-0.296	-0.302				<i>OR5A1</i>	TSS200
cg08157459	13	112,176,430	0.003808	-0.296	-0.180					
cg03447366	1	2,827,410	1.33E-05	-0.296	-0.275					
cg07222900	2	240,279,976	1.47E-05	-0.296	-0.263				<i>HDAC4</i>	5'UTR
cg05314639	13	114,109,729	0.038271	-0.296	-0.390					
cg15451642	8	13,424,928	1.6E-06	-0.296	-0.284				<i>C8orf48</i>	1stExon
cg27124218	16	48,191,328	0.001514	-0.296	-0.217					
cg01637734	1	157,811,303	7.57E-05	-0.296	-0.250	6.54E-12	-0.180		<i>CD5L</i>	Body
cg02735829	5	180,167,566	0.000245	-0.296	-0.289				<i>OR2Y1</i>	TSS1500
cg21696975	1	153,391,644	0.000278	-0.296	-0.239				<i>S100A7A</i>	Body
cg23212751	1	44,401,433	1.1E-06	-0.296	-0.315				<i>ARTN</i>	TSS1500
cg21665774	19	34,790,692	9.78E-10	-0.296	-0.286	1.01E-07	-0.092		<i>KIAA0355</i>	5'UTR
cg12271759	2	40,468,548	0.000109	-0.296	-0.219				<i>SLC8A1</i>	Body
cg19246018	2	240,031,588	2.33E-10	-0.296	-0.276				<i>HDAC4</i>	Body
cg10859449	14	57,628,483	1.64E-09	-0.296	-0.285					
cg00685853	2	88,648,947	0.000139	-0.296	-0.288					
cg12248672	7	63,152,783	3.02E-07	-0.296	-0.268					
cg18479711	2	240,031,454	2.54E-09	-0.296	-0.275				<i>HDAC4</i>	Body
cg21148923	5	45,553,518	0.000732	-0.296	-0.262				<i>HCN1</i>	Body
cg04735773	8	47,156,401	0.000361	-0.296	-0.252					
cg10305299	20	29,844,549	0.003387	-0.296	-0.231				<i>DEFB115</i>	TSS1500
cg08023276	2	201,388,625	6.31E-10	-0.296	-0.294					
cg00882611	14	21,689,119	2.23E-08	-0.296	-0.231				<i>HNRNPC</i>	Body
cg18450930	11	5,444,223	0.004847	-0.296	-0.288				<i>OR51Q1</i>	1stExon
cg02959725	3	148,664,701	0.000163	-0.296	-0.366					
cg13020760	3	193,096,486	5.74E-08	-0.297	-0.290				<i>ATP13A5</i>	1stExon
cg10327756	4	175,841,091	8E-07	-0.297	-0.286				<i>ADAM29</i>	5'UTR
cg03031988	6	31,510,729	7.25E-21	-0.297	-0.302				<i>BAT1</i>	TSS1500
cg23118188	11	133,853,531	0.035997	-0.297	-0.184					
cg21665905	12	82,121,138	1.06E-09	-0.297	-0.258				<i>PPFIA2</i>	Body
cg24574793	6	29,414,802	5.87E-06	-0.297	-0.265					
cg19939130	1	158,978,468	7.47E-06	-0.297	-0.284				<i>IFI16</i>	TSS1500
cg12439157	1	170,628,856	2.36E-06	-0.297	-0.302					
cg14023451	6	24,489,887	5.67E-11	-0.297	-0.285	4.38E-10	-0.136		<i>GPLD1</i>	TSS200

cg15138339	17	40,715,222	2.98E-41	-0.297	-0.286				<i>COASY</i>	1stExon
cg12157444	8	133,091,848	0.001423	-0.297	-0.282				<i>HHLA1</i>	Body
cg02814558	X	150,867,810	0.001296	-0.297	-0.237				<i>PRRG3</i>	Body
cg26904169	7	89,839,865	1.78E-18	-0.297	-0.287				<i>STEAP2</i>	TSS1500
cg19815813	13	101,186,116	4.83E-10	-0.297	-0.266				<i>A2LD1</i>	TSS200
cg03168749	11	124,413,574	0.000322	-0.297	-0.283				<i>OR8B12</i>	TSS200
cg21974506	6	33,141,291	0.005148	-0.297	-0.138				<i>COL11A2</i>	Body
cg27021722	4	22,999,077	0.000123	-0.297	-0.237					
cg24488391	1	170,113,838	0.000731	-0.297	-0.209				<i>METTL11B</i>	TSS1500
cg02613223	1	158,724,794	2.04E-08	-0.297	-0.270		Yes		<i>OR6K6</i>	1stExon
cg10825847	11	104,894,216	2.8E-05	-0.297	-0.277				<i>CASP5</i>	TSS1500
cg23692193	1	102,700,639	0.019463	-0.297	-0.220					
cg15216899	3	171,437,465	1.08E-10	-0.297	-0.293				<i>PLD1</i>	Body
cg21463605	22	18,268,249	1.55E-12	-0.297	-0.301					
cg20321270	4	23,155,692	7.09E-05	-0.297	-0.258					
cg26685404	16	23,957,272	2.93E-06	-0.297	-0.268				<i>PRKCB</i>	Body
cg02799298	20	59,173,680	0.001841	-0.297	-0.235					
cg27057524	1	101,830,939	1.02E-08	-0.297	-0.312					
cg05399607	7	34,874,533	0.000181	-0.297	-0.275				<i>AAA1</i>	TSS1500
cg24202916	20	41,984,270	0.003122	-0.297	-0.158					
cg05679403	4	37,650,328	3.22E-10	-0.297	-0.281				<i>RELL1</i>	Body
cg18044044	19	9,325,552	0.000631	-0.297	-0.210				<i>OR7D4</i>	TSS200
cg20934839	4	159,234,917	7.67E-08	-0.297	-0.298					
cg01890568	17	31,437,649	0.034714	-0.298	-0.132				<i>ACCN1</i>	Body
cg15905666	11	50,003,963	0.001693	-0.298	-0.258				<i>OR4C12</i>	1stExon
cg19235071	6	114,891,274	7.89E-07	-0.298	-0.307					
cg22211507	3	108,564,871	6.75E-17	-0.298	-0.295				<i>TRAT1</i>	Body
cg13637269	19	22,697,330	0.012956	-0.298	-0.200					
cg14427243	2	88,428,522	0.003439	-0.298	-0.263				<i>FABP1</i>	TSS1500
cg24874998	3	163,021,378	1.16E-07	-0.298	-0.298					
cg07830472	7	97,983,916	1.31E-12	-0.298	-0.286				<i>BAIAP2L1</i>	Body
cg04730443	X	26,210,529	0.022863	-0.298	-0.301				<i>MAGEB6</i>	TSS200
cg05815404	17	78,825,501	4.4E-08	-0.298	-0.310				<i>RPTOR</i>	Body
cg05897122	4	53,112,707	1.83E-13	-0.298	-0.327					

cg16572957	1	2,799,354	1.94E-06	-0.298	-0.233					
cg00219321	5	153,318,647	0.000315	-0.298	-0.238					
cg11620135	17	79,011,140	1.34E-09	-0.298	-0.286				<i>BAIAP2</i>	Body
cg01388054	7	48,068,321	3.35E-10	-0.298	-0.276				<i>SUNC1</i>	Body
cg23188582	10	42,970,625	0.002857	-0.298	-0.180				<i>LOC84856</i>	TSS1500
cg21571160	1	207,262,553	2.02E-11	-0.298	-0.261				<i>C4BPB</i>	5'UTR
cg23935006	15	32,215,789	0.021746	-0.298	-0.260					
cg12421282	1	41,158,986	6.76E-11	-0.298	-0.313				<i>NFYC</i>	5'UTR
cg03437887	2	22,605,688	0.001212	-0.298	-0.228					
cg00242098	1	152,730,718	0.004308	-0.298	-0.202				<i>KPRP</i>	5'UTR
cg19094872	2	242,065,898	4.75E-11	-0.298	-0.274				<i>PASK</i>	Body
cg10902514	2	188,211,981	3.58E-09	-0.298	-0.297				<i>CALCRL</i>	Body
cg07039362	16	55,908,870	0.000254	-0.298	-0.229				<i>CES7</i>	Body
cg00540540	5	167,219,531	0.000198	-0.298	-0.302				<i>ODZ2</i>	Body
cg02668655	1	241,523,165	0.000907	-0.298	-0.204					
cg02886578	1	153,176,083	1.39E-05	-0.298	-0.255				<i>LELP1</i>	5'UTR
cg26953403	X	151,900,081	0.000696	-0.298	-0.230				<i>MAGEA12</i>	Body
cg16903174	2	9,468,351	0.002093	-0.298	-0.125				<i>ASAP2</i>	Body
cg24512097	4	156,298,332	0.001565	-0.298	-0.321				<i>MAP9</i>	TSS1500
cg02776628	6	37,465,322	0.000454	-0.298	-0.250				<i>C6orf129</i>	Body
cg16932304	20	44,168,796	4.61E-08	-0.298	-0.331				<i>WFDC6</i>	TSS1500
cg26231761	1	4,744,796	0.002593	-0.298	-0.196				<i>AJAP1</i>	Body
cg26688762	5	1,763,902	1.78E-11	-0.298	-0.284					
cg24955680	11	103,907,715	0.001508	-0.298	-0.274				<i>PDGFD</i>	Body
cg25097705	4	175,887,842	5.86E-06	-0.298	-0.303				<i>ADAM29</i>	5'UTR
cg16993015	11	8,006,143	1.75E-13	-0.298	-0.278					
cg03979510	16	5,641,033	0.00031	-0.298	-0.209					
cg06463670	8	2,112,369	0.007144	-0.298	-0.189					
cg21074959	2	203,044,287	1.66E-09	-0.298	-0.276					
cg19503462	14	47,872,288	0.000852	-0.299	-0.268				<i>MDGA2</i>	Body
cg13823188	17	80,039,244	0.006889	-0.299	-0.150				<i>FASN</i>	Body
cg07238710	12	52,509,845	1.15E-06	-0.299	-0.303					
cg01281718	6	71,376,634	0.000144	-0.299	-0.233				<i>SMAP1</i>	TSS1500
cg04317765	14	72,219,158	2.32E-05	-0.299	-0.200					

cg23244463	8	73,848,937	0.004458	-0.299	-0.253				<i>KCNB2</i>	Body
cg09798801	4	137,277,541	1.01E-06	-0.299	-0.211					
cg00341885	19	4,323,034	0.005247	-0.299	-0.399				<i>FSD1</i>	Body
cg13842222	4	185,972,881	1.28E-06	-0.299	-0.245					
cg00420742	19	54,313,004	1.51E-13	-0.299	-0.282				<i>NLRP12</i>	Body
cg07694404	10	133,572,173	8.88E-06	-0.299	-0.251					
cg23056713	11	131,609,432	0.020356	-0.299	-0.193				<i>NTM</i>	Body
cg14492337	17	79,813,507	2.52E-05	-0.299	-0.218				<i>P4HB</i>	Body
cg22963629	7	31,147,341	0.005684	-0.299	-0.247					
cg02998017	1	196,578,917	0.000441	-0.299	-0.278				<i>KCNT2</i>	TSS1500
cg03458344	1	170,964,477	1.64E-05	-0.299	-0.315				<i>C1orf129</i>	Body
cg01986717	19	35,535,021	2.59E-05	-0.299	-0.176				<i>HPN</i>	Body
cg10926851	5	146,253,830	0.000365	-0.299	-0.286				<i>PPP2R2B</i>	Body
cg09298971	6	31,846,249	8.4E-40	-0.299	-0.315				<i>SLC44A4</i>	Body
cg17584490	17	41,144,822	2.29E-16	-0.299	-0.319				<i>RUNDC1</i>	3'UTR
cg05212892	7	158,533,877	0.001766	-0.299	-0.272				<i>ESYT2</i>	Body
cg09355820	1	10,092,237	5.77E-09	-0.299	-0.300				<i>UBE4B</i>	TSS1500
cg00311883	1	235,099,120	1.23E-11	-0.299	-0.308					
cg23212642	8	73,007,331	0.00292	-0.299	-0.214					
cg23860325	7	54,271,152	1.33E-07	-0.299	-0.285				<i>HPVC1</i>	TSS1500
cg00202568	8	55,528,166	0.000466	-0.299	-0.242				<i>RP1</i>	TSS1500
cg19704683	10	94,609,401	1.24E-10	-0.299	-0.283			Yes	<i>EXOC6</i>	Body
cg00093688	9	140,113,369	2.69E-14	-0.299	-0.297				<i>NDOR1</i>	3'UTR
cg05402891	14	96,152,661	9.91E-22	-0.299	-0.290				<i>TCL1B</i>	TSS200
cg00927939	7	48,962,376	0.003068	-0.299	-0.226					
cg11352847	7	97,841,440	0.001214	-0.299	-0.178				<i>BHLHA15</i>	TSS200
cg27235829	1	158,390,759	0.001157	-0.299	-0.219				<i>OR10K2</i>	TSS200
cg27513213	19	3,978,143	0.010417	-0.300	-0.313				<i>EEF2</i>	Body
cg26105115	10	10,099,469	0.001568	-0.300	-0.239					
cg08897422	7	8,666,902	1.9E-12	-0.300	-0.294				<i>NXPH1</i>	Body
cg13449257	9	137,355,128	0.001929	-0.300	-0.180					
cg24104433	11	79,154,353	1.19E-05	-0.300	-0.210					
cg05116002	3	58,151,255	2.39E-11	-0.300	-0.252				<i>FLNB</i>	Body
cg05580560	3	108,607,138	0.007966	-0.300	-0.203					



cg10010103	2	115,567,258	8.35E-06	-0.300	-0.276				<i>DPP10</i>	Body
cg19777644	1	167,902,728	2.36E-08	-0.300	-0.239				<i>BRP44</i>	Body
cg27160524	2	1,691,184	4.23E-20	-0.300	-0.300				<i>PXDN</i>	Body
cg18630756	10	107,460,450	5.39E-05	-0.300	-0.287					
cg18995042	3	191,797,208	0.010089	-0.300	-0.194					
cg14569837	11	55,798,206	0.000105	-0.300	-0.228				<i>OR5AS1</i>	1stExon
cg21866125	19	56,274,428	6.27E-08	-0.300	-0.300				<i>RFPL4A</i>	Body
cg08754268	2	173,809,244	3.74E-15	-0.300	-0.263				<i>RAPGEF4</i>	Body
cg14332049	6	153,241,931	4.05E-07	-0.300	-0.303					
cg26127166	9	116,812,388	5.31E-11	-0.300	-0.263				<i>ZNF618</i>	Body
cg06655097	4	177,455,600	7.82E-12	-0.300	-0.313					
cg03228065	16	2,276,770	7.94E-05	-0.300	-0.240				<i>E4F1</i>	Body
cg01153946	20	37,062,621	6.38E-07	-0.300	-0.253				<i>LOC388796</i>	Body
cg27149471	11	56,043,514	9.38E-05	-0.300	-0.262				<i>OR5T1</i>	1stExon
cg27294813	2	109,791,599	3E-13	-0.300	-0.292				<i>SH3RF3</i>	Body
cg24296761	19	42,408,458	3.73E-07	-0.300	-0.298				<i>ARHGEF1</i>	Body
cg16354520	1	152,671,707	4.84E-05	-0.300	-0.265				<i>LCE2A</i>	3'UTR
cg20307184	7	48,351,895	5.56E-09	-0.300	-0.269				<i>ABCA13</i>	Body
cg17240725	7	73,149,356	2.11E-07	-0.300	-0.247				<i>WBSCR26</i>	TSS200
cg27450010	4	16,639,181	7.49E-14	-0.300	-0.303				<i>LDB2</i>	Body
cg04911050	16	677,664	0.00049	-0.300	-0.219				<i>RAB40C</i>	3'UTR
cg24384051	11	124,267,100	6.36E-05	-0.300	-0.314				<i>OR8B3</i>	1stExon
cg08243401	13	22,231,844	3.58E-05	-0.301	-0.280					
cg06534427	22	39,713,022	3.74E-08	-0.301	-0.253				<i>RPL3</i>	Body
cg05417596	12	34,443,436	4.99E-11	-0.301	-0.267					
cg14331720	8	55,624,766	6.17E-05	-0.301	-0.266					
cg21643095	11	105,009,375	2.32E-07	-0.301	-0.296				<i>CARD18</i>	3'UTR
cg21964391	1	218,253,368	4.24E-10	-0.301	-0.330					
cg22399703	2	19,456,333	9.87E-28	-0.301	-0.305					
cg05132150	4	108,069,982	4.83E-07	-0.301	-0.300					
cg10194573	1	152,730,426	0.002167	-0.301	-0.206				<i>KPRP</i>	TSS200
cg20431748	1	179,555,999	2.84E-18	-0.301	-0.278					
cg11080915	1	157,509,149	7.58E-09	-0.301	-0.258				<i>FCRL5</i>	Body
cg07649045	11	7,260,764	0.000107	-0.301	-0.280					

cg18274315	11	103,858,893	1.36E-11	-0.301	-0.291				<i>PDGFD</i>	Body
cg05011784	15	24,726,256	0.000133	-0.301	-0.255					
cg05126581	1	216,144,819	0.000346	-0.301	-0.324				<i>USH2A</i>	Body
cg05184519	11	132,080,258	4.14E-05	-0.301	-0.334				<i>NTM</i>	Body
cg09483847	X	21,960,827	0.009234	-0.301	-0.145				<i>SMS</i>	Body
cg21859290	11	67,274,402	7.82E-17	-0.301	-0.287				<i>CDK2AP2</i>	3'UTR
cg12681771	5	25,910,913	0.000284	-0.301	-0.238					
cg00314343	15	92,428,182	0.002416	-0.301	-0.227				<i>SLCO3A1</i>	Body
cg07630816	4	23,549,992	1.92E-06	-0.301	-0.255					
cg13088755	X	78,200,041	4.55E-05	-0.301	-0.239	2.93E-12	-0.158		<i>P2RY10</i>	TSS1500
cg03793368	X	141,293,344	1E-05	-0.301	-0.260				<i>MAGEC2</i>	TSS1500
cg27121309	11	76,731,589	6.51E-10	-0.301	-0.318				<i>ACER3</i>	3'UTR
cg03300549	9	32,781,469	2.77E-08	-0.301	-0.259					
cg14411804	2	56,420,171	0.006065	-0.301	-0.309				<i>CCDC85A</i>	Body
cg07364729	13	112,786,612	0.012446	-0.301	-0.118					
cg17514199	1	238,051,451	9.93E-06	-0.301	-0.269				<i>LOC100130331</i>	Body
cg27189967	X	151,821,766	0.000854	-0.301	-0.245				<i>GABRQ</i>	3'UTR
cg12445309	11	131,615,437	0.000295	-0.301	-0.265				<i>NTM</i>	Body
cg25135457	17	40,715,244	2.4E-14	-0.301	-0.284				<i>COASY</i>	1stExon
cg13917433	3	52,722,445	2.3E-08	-0.301	-0.290				<i>GNL3</i>	Body
cg25313468	4	57,773,308	5.42E-10	-0.301	-0.296				<i>REST</i>	TSS1500
cg16373000	7	1,086,220	1.88E-05	-0.302	-0.209				<i>C7orf50</i>	Body
cg03545548	3	167,320,581	3.88E-05	-0.302	-0.302				<i>WDR49</i>	Body
cg06790053	1	246,939,453	9.46E-08	-0.302	-0.310					
cg14757492	19	19,029,194	5.77E-08	-0.302	-0.322				<i>COPE</i>	Body
cg13720048	18	55,466,071	1.55E-05	-0.302	-0.267					
cg01593385	4	155,534,149	4.83E-09	-0.302	-0.265	3.16E-15	-0.229		<i>FGG</i>	TSS1500
cg07468956	17	80,289,701	1.24E-06	-0.302	-0.287				<i>SECTM1</i>	5'UTR
cg23397909	7	921,092	3.32E-06	-0.302	-0.333				<i>C7orf20</i>	Body
cg06943912	19	10,715,612	0.001024	-0.302	-0.199				<i>SLC44A2</i>	Body
cg03522247	12	33,205,429	0.01264	-0.302	-0.215					
cg01015899	12	120,663,812	2.1E-09	-0.302	-0.293			Yes	<i>PXN</i>	5'UTR
cg01687040	12	55,043,559	0.000313	-0.302	-0.225				<i>DCD</i>	TSS1500
cg16639172	16	31,833,471	0.000992	-0.302	-0.254					

cg22936884	5	663,787	0.001033	-0.302	-0.189				<i>TPPP</i>	3'UTR
cg04741516	14	99,786,208	0.018102	-0.302	-0.194					
cg07277892	4	178,158,833	0.000253	-0.302	-0.302					
cg16411279	5	54,826,768	1.35E-18	-0.302	-0.282				<i>PPAP2A</i>	Body
cg24417779	7	78,588,037	0.000339	-0.302	-0.232			Yes	<i>MAGI2</i>	Body
cg27070951	15	92,532,867	2.6E-05	-0.302	-0.229				<i>SLCO3A1</i>	Body
cg02954324	3	67,045,043	6.32E-09	-0.302	-0.294					
cg09411231	1	186,159,350	1.58E-11	-0.303	-0.303				<i>MIR548F1</i>	Body
cg03308240	16	34,403,971	0.000988	-0.303	-0.207				<i>UBE2MP1</i>	Body
cg18741908	3	169,756,818	1.99E-13	-0.303	-0.323	3.21E-29	-0.197		<i>GPR160</i>	5'UTR
cg12942878	3	192,960,632	0.00022	-0.303	-0.236				<i>MGC2889</i>	Body
cg17861424	4	17,318,093	0.000313	-0.303	-0.261					
cg00478884	14	20,978,888	1.89E-09	-0.303	-0.318				<i>RNASE10</i>	1stExon
cg09305491	16	24,151,191	7.23E-05	-0.303	-0.249				<i>PRKCB</i>	Body
cg14355941	14	101,526,485	0.005722	-0.303	-0.270				<i>MIR496</i>	TSS1500
cg14959260	4	9,917,839	5.22E-08	-0.303	-0.273				<i>SLC2A9</i>	Body
cg21029504	22	50,028,390	0.001189	-0.303	-0.216				<i>C22orf34</i>	Body
cg27628839	1	155,534,509	4.3E-16	-0.303	-0.304					
cg06907356	21	45,664,138	1.61E-13	-0.303	-0.322					
cg03577250	20	31,261,994	1.6E-08	-0.303	-0.222				<i>LOC284805</i>	TSS1500
cg24822127	X	150,884,331	1.98E-06	-0.303	-0.295				<i>FATE1</i>	TSS200
cg04914574	14	99,183,876	4.19E-05	-0.303	-0.276				<i>C14orf177</i>	3'UTR
cg12762600	15	90,191,154	5.4E-10	-0.303	-0.237				<i>KIF7</i>	Body
cg03369828	X	49,460,408	0.002857	-0.303	-0.212				<i>PAGE1</i>	5'UTR
cg19895579	8	89,437,704	5.2E-06	-0.303	-0.226					
cg06577876	7	32,336,173	3.07E-05	-0.303	-0.256					
cg09450200	7	148,903,195	1.02E-06	-0.303	-0.306				<i>ZNF282</i>	Body
cg22187125	19	58,565,865	2.03E-06	-0.303	-0.235				<i>ZSCAN1</i>	3'UTR
cg09361469	10	5,688,620	2.86E-10	-0.303	-0.313				<i>ASB13</i>	Body
cg06870560	X	115,009,194	9.95E-05	-0.303	-0.269					
cg03825810	3	38,888,170	0.000198	-0.303	-0.281				<i>SCN11A</i>	3'UTR
cg27373387	2	10,592,414	1.02E-09	-0.303	-0.299					
cg14269525	14	98,214,031	1.22E-07	-0.303	-0.304					
cg07024656	10	42,970,618	0.008123	-0.303	-0.184				<i>LOC84856</i>	TSS1500

cg07138024	7	25,608,323	1.45E-05	-0.303	-0.260					
cg15628586	4	176,068,206	0.024386	-0.303	-0.168					
cg16774755	16	86,421,946	0.000262	-0.303	-0.262					
cg06554192	18	75,691,425	8.46E-05	-0.303	-0.223					
cg21205031	2	32,502,699	2.57E-09	-0.303	-0.340				YIPF4	TSS1500
cg09108394	16	23,850,106	0.000128	-0.303	-0.307				PRKCB	Body
cg15675123	5	12,623,177	0.001655	-0.303	-0.217					
cg10668195	7	54,768,889	3.84E-05	-0.303	-0.257					
cg15816712	8	72,630,628	0.000115	-0.303	-0.327					
cg18186771	17	76,993,506	7.48E-10	-0.303	-0.296				CANT1	Body
cg02830744	X	27,481,149	0.001089	-0.303	-0.220				SMEK3P	Body
cg15175266	5	22,854,704	3.34E-11	-0.303	-0.295				CDH12	TSS1500
cg13692105	9	138,592,489	1.85E-06	-0.304	-0.295				SOHLH1	TSS1500
cg07737175	13	112,770,897	0.000362	-0.304	-0.196					
cg12448265	2	119,197,657	6.58E-06	-0.304	-0.325			Yes		
cg08187057	11	119,180,122	3.15E-05	-0.304	-0.299				MCAM	3'UTR
cg14136086	21	46,863,924	2.52E-06	-0.304	-0.237				COL18A1	Body
cg17851868	2	58,748,306	4.5E-10	-0.304	-0.322					
cg03993839	16	55,851,398	0.000141	-0.304	-0.240				CES1	Body
cg20910424	11	87,284,530	4.08E-08	-0.304	-0.307					
cg23325413	5	4,773,407	3.1E-05	-0.304	-0.265					
cg06427571	4	189,863,116	1.45E-05	-0.304	-0.271					
cg00981443	1	152,681,163	0.001929	-0.304	-0.277				LCE4A	TSS1500
cg05944004	20	59,546,092	1.65E-05	-0.304	-0.292					
cg11090458	7	73,672,935	2.82E-11	-0.304	-0.312					
cg13583523	5	24,764,190	1.42E-07	-0.304	-0.275					
cg19035908	19	33,765,633	4.18E-10	-0.304	-0.289					
cg07280182	22	49,810,275	0.004418	-0.304	-0.213					
cg25232510	8	134,306,223	2.22E-11	-0.304	-0.317				NDRG1	5'UTR
cg17219660	1	202,091,880	1.5E-08	-0.304	-0.230				GPR37L1	TSS200
cg09478103	10	44,101,496	6.54E-16	-0.304	-0.273				ZNF485	TSS1500
cg08446824	4	1,720,184	3.82E-12	-0.304	-0.296				TMEM129	Body
cg05111081	15	92,425,496	0.000937	-0.304	-0.210				SLCO3A1	Body
cg13173045	11	55,872,882	0.000632	-0.304	-0.245				OR8H2	1stExon

cg10440696	11	5,809,911	0.00026	-0.304	-0.281				<i>OR52N1</i>	1stExon
cg19378892	1	159,283,536	0.001028	-0.304	-0.295				<i>OR10J3</i>	1stExon
cg26550835	X	107,017,362	0.017801	-0.304	-0.269				<i>TSC22D3</i>	Body
cg19946742	10	134,997,074	9.72E-06	-0.304	-0.238				<i>KNDC1</i>	Body
cg08154066	16	86,327,669	0.005161	-0.304	-0.181					
cg03557916	13	114,109,949	0.022142	-0.304	-0.400					
cg07457375	6	33,151,008	2.64E-20	-0.304	-0.285				<i>COL11A2</i>	Body
cg18462653	20	29,978,176	1.33E-08	-0.304	-0.306	1.95E-20	-0.220		<i>DEFB119</i>	Body
cg06334737	11	61,976,195	2.26E-14	-0.304	-0.281				<i>SCGB2A1</i>	1stExon
cg06842116	22	17,182,794	0.001152	-0.304	-0.303					
cg01454538	2	1,691,165	1.69E-14	-0.304	-0.299				<i>PXDN</i>	Body
cg20470223	4	189,860,886	0.000155	-0.305	-0.230					
cg05922384	1	196,702,931	0.002067	-0.305	-0.276				<i>CFH</i>	Body
cg04398282	4	68,424,256	5.98E-10	-0.305	-0.283	4.99E-17	-0.193		<i>STAP1</i>	TSS200
cg07830134	16	1,249,204	3.72E-07	-0.305	-0.297				<i>CACNA1H</i>	Body
cg11388802	1	181,577,847	0.000192	-0.305	-0.343				<i>CACNA1E</i>	Body
cg17057086	8	133,456,013	0.006577	-0.305	-0.287				<i>KCNQ3</i>	Body
cg00512484	18	5,199,989	3.03E-08	-0.305	-0.288					
cg07769622	X	27,481,498	0.003648	-0.305	-0.229				<i>SMEK3P</i>	TSS200
cg06444207	1	155,233,025	4.88E-19	-0.305	-0.275				<i>SCAMP3</i>	TSS1500
cg20876987	6	28,553,998	2.24E-07	-0.305	-0.261				<i>SCAND3</i>	Body
cg04739648	5	25,907,524	3.73E-08	-0.305	-0.292					
cg05292289	22	49,695,797	0.012103	-0.305	-0.168					
cg14842771	7	142,558,879	1.24E-09	-0.305	-0.268				<i>EPHB6</i>	5'UTR
cg04553632	10	134,929,181	0.004951	-0.305	-0.184				<i>GPR123</i>	Body
cg18450582	7	95,546,539	1.16E-08	-0.305	-0.317				<i>DYNC1I1</i>	Body
cg07208057	2	84,516,404	0.000555	-0.305	-0.281				<i>LOC388965</i>	TSS1500
cg04923174	1	158,549,277	2.98E-11	-0.305	-0.288				<i>OR10X1</i>	1stExon
cg02409722	4	140,429,978	2.26E-07	-0.305	-0.278				<i>SETD7</i>	3'UTR
cg03496520	14	28,732,636	7.91E-08	-0.305	-0.290					
cg18991165	5	143,847,362	4.67E-09	-0.305	-0.315				<i>KCTD16</i>	Body
cg19101566	6	46,623,767	1.15E-10	-0.305	-0.288			Yes	<i>SLC25A27</i>	Body
cg23724738	1	152,538,380	0.000249	-0.305	-0.284				<i>LCE3E</i>	3'UTR
cg23470538	5	4,295,348	0.00117	-0.305	-0.209					

cg11278291	13	97,638,697	1.48E-05	-0.305	-0.302				<i>OXGR1</i>	3'UTR
cg26829418	2	103,238,066	1.38E-13	-0.306	-0.276				<i>SLC9A2</i>	Body
cg06038358	2	128,176,007	1.47E-05	-0.306	-0.210				<i>PROC</i>	5'UTR
cg14826797	5	33,444,867	5.13E-13	-0.306	-0.284				<i>TARS</i>	Body
cg22866565	4	86,718,190	2.14E-13	-0.306	-0.283				<i>ARHGAP24</i>	Body
cg10152447	4	16,324,929	1.57E-06	-0.306	-0.293					
cg20543478	3	77,147,279	0.000233	-0.306	-0.270				<i>ROBO2</i>	1stExon
cg05887869	5	9,738,648	0.00582	-0.306	-0.246				<i>LOC285692</i>	Body
cg09966455	20	61,930,265	0.017423	-0.306	-0.198				<i>COL20A1</i>	Body
cg19787070	X	4,381,263	9.75E-05	-0.306	-0.323					
cg00971508	15	98,291,886	0.000802	-0.306	-0.329				<i>LOC91948</i>	Body
cg00593243	5	172,196,153	2.34E-05	-0.306	-0.268				<i>DUSP1</i>	Body
cg03789606	X	98,999,604	2.78E-06	-0.306	-0.308				<i>LOC442459</i>	Body
cg13475704	17	77,810,269	1.01E-13	-0.306	-0.299				<i>CBX4</i>	Body
cg21715599	15	92,463,554	0.000558	-0.306	-0.237				<i>SLCO3A1</i>	Body
cg24603439	7	15,436,238	0.000608	-0.306	-0.182				<i>TMEM195</i>	Body
cg09705798	5	160,048,394	1.07E-05	-0.306	-0.345				<i>ATP10B</i>	Body
cg22396979	8	143,915,919	1.32E-11	-0.306	-0.234				<i>GML</i>	TSS1500
cg17940113	15	27,790,720	3.83E-15	-0.306	-0.306					
cg22067676	6	126,281,331	8.15E-07	-0.306	-0.226				<i>HINT3</i>	Body
cg17915922	7	6,911,211	6.62E-09	-0.306	-0.289					
cg22155281	4	118,007,206	1.17E-12	-0.306	-0.314				<i>TRAM1L1</i>	TSS1500
cg09358975	16	24,372,426	6.09E-06	-0.306	-0.226				<i>CACNG3</i>	Body
cg25748764	20	31,261,814	2.24E-08	-0.306	-0.239				<i>LOC284805</i>	TSS200
cg01942751	2	240,031,635	2.64E-11	-0.306	-0.293				<i>HDAC4</i>	Body
cg25230917	3	66,527,285	1E-08	-0.306	-0.315				<i>LRIG1</i>	Body
cg09781994	4	111,548,118	0.013378	-0.306	-0.222				<i>PITX2</i>	Body
cg10207553	15	65,277,977	4.99E-34	-0.306	-0.290				<i>SPG21</i>	5'UTR
cg26980111	8	132,321,917	2.27E-07	-0.306	-0.298					
cg10133610	6	3,226,289	7.94E-10	-0.306	-0.284				<i>TUBB2B</i>	Body
cg10819004	8	63,403,502	0.000264	-0.306	-0.323				<i>NKAIN3</i>	Body
cg12447911	15	95,515,060	4.98E-05	-0.306	-0.276					
cg22712983	2	219,187,374	0.000222	-0.306	-0.278				<i>PNKD</i>	TSS1500
cg12547930	20	44,168,753	3.38E-09	-0.307	-0.325	1.57E-25	-0.187		<i>WFDC6</i>	TSS1500

cg14329275	17	77,809,912	1.42E-14	-0.307	-0.292				<i>CBX4</i>	Body
cg15977685	6	168,743,593	6.26E-05	-0.307	-0.297					
cg08871573	X	3,227,443	0.000705	-0.307	-0.221				<i>MXRA5</i>	3'UTR
cg11166197	X	151,561,584	3.93E-09	-0.307	-0.247				<i>GABRA3</i>	5'UTR
cg04841371	1	152,958,102	0.00023	-0.307	-0.236				<i>SPRR1A</i>	3'UTR
cg10789601	5	176,088,586	2.34E-08	-0.307	-0.318					
cg12282588	1	157,737,828	5.17E-05	-0.307	-0.299				<i>FCRL2</i>	Body
cg27026371	11	123,886,141	4.82E-05	-0.307	-0.262				<i>OR10G4</i>	TSS200
cg04642105	4	1,239,119	6.35E-11	-0.307	-0.276				<i>CTBP1</i>	Body
cg15907819	5	27,119,093	0.000319	-0.307	-0.234					
cg19449594	11	122,292,868	7.19E-05	-0.307	-0.334					
cg20985269	1	158,576,809	3.48E-12	-0.307	-0.306				<i>OR10Z1</i>	1stExon
cg18280126	11	57,235,389	0.000269	-0.307	-0.325				<i>RTN4RL2</i>	Body
cg06704573	8	55,527,950	0.000794	-0.307	-0.250				<i>RP1</i>	TSS1500
cg26150582	12	131,605,488	0.008097	-0.307	-0.169				<i>GPR133</i>	Body
cg05736424	2	127,646,592	0.000508	-0.307	-0.288					
cg14338073	10	44,359,161	0.008874	-0.307	-0.316					
cg14166701	14	104,574,715	1.85E-09	-0.307	-0.276				<i>ASPG</i>	Body
cg26377880	5	7,851,487	2.17E-10	-0.307	-0.316				<i>C5orf49</i>	TSS1500
cg05505763	13	103,020,269	0.014457	-0.307	-0.234				<i>FGF14</i>	Body
cg22340475	8	55,529,845	0.000297	-0.308	-0.248				<i>RP1</i>	5'UTR
cg15088574	1	4,848,991	4.43E-05	-0.308	-0.249					
cg26974035	8	128,494,679	5.1E-05	-0.308	-0.187				<i>LOC727677</i>	TSS1500
cg16292586	3	16,969,867	0.000384	-0.308	-0.250				<i>PLCL2</i>	Body
cg18142906	3	167,293,814	1.4E-13	-0.308	-0.281				<i>WDR49</i>	Body
cg22318821	12	34,480,428	3.74E-05	-0.308	-0.246					
cg21919556	3	169,755,036	1.69E-08	-0.308	-0.330				<i>GPR160</i>	TSS1500
cg16408865	12	69,753,119	1.16E-10	-0.308	-0.303				<i>YEATS4</i>	TSS1500
cg10018216	16	1,487,596	1.13E-29	-0.308	-0.295				<i>CCDC154</i>	Body
cg13054007	13	81,018,323	4.4E-05	-0.308	-0.334					
cg19639967	1	198,907,662	0.001817	-0.308	-0.249					
cg21132536	20	33,465,180	0.000593	-0.308	-0.239				<i>ACSS2</i>	Body
cg04560741	20	37,056,075	6.34E-12	-0.308	-0.255				<i>LOC388796</i>	Body
cg03052794	19	908,894	1.86E-16	-0.308	-0.271				<i>C19orf22</i>	Body

cg09770410	6	155,803,118	1.32E-05	-0.308	-0.270			Yes		
cg11862144	18	61,143,961	0.000429	-0.308	-0.241				<i>SERPINB5</i>	TSS200
cg00150025	15	42,448,079	1.01E-06	-0.308	-0.282				<i>PLA2G4F</i>	Body
cg10063845	2	80,363,347	0.000404	-0.308	-0.262				<i>CTNNA2</i>	Body
cg17475172	8	87,878,728	0.000468	-0.308	-0.222				<i>CNBD1</i>	1stExon
cg23305899	14	101,539,489	8.78E-08	-0.308	-0.320					
cg22487322	6	137,366,322	2.24E-09	-0.308	-0.273	0.0000122	-0.130		<i>IL20RA</i>	TSS200
cg24639690	6	50,166,008	0.001301	-0.309	-0.157					
cg15985157	6	132,468,790	0.000689	-0.309	-0.307					
cg07041488	16	24,266,347	0.000179	-0.309	-0.235				<i>CACNG3</i>	TSS1500
cg20672708	20	30,696,827	4.26E-15	-0.309	-0.305				<i>TM9SF4</i>	TSS1500
cg22548714	4	100,573,330	4.98E-05	-0.309	-0.283					
cg02626307	1	156,305,725	1.01E-17	-0.309	-0.302				<i>CCT3</i>	Body
cg15952487	1	158,300,733	2.61E-06	-0.309	-0.319	1.28E-15	-0.147		<i>CD1B</i>	Body
cg01035170	5	7,851,681	2.94E-15	-0.309	-0.299				<i>C5orf49</i>	TSS1500
cg17689601	10	83,651,137	0.003702	-0.309	-0.198				<i>NRG3</i>	Body
cg18184218	10	24,755,438	1.4E-18	-0.309	-0.325				<i>KIAA1217</i>	Body
cg00830435	1	2,918,526	0.003605	-0.309	-0.169					
cg01821906	X	103,268,245	0.001547	-0.309	-0.226				<i>H2BFWT</i>	5'UTR
cg15617853	13	47,669,359	0.000317	-0.309	-0.324					
cg07090653	1	152,784,914	0.000996	-0.309	-0.304				<i>LCE1B</i>	1stExon
cg25339449	X	146,342,079	8.68E-05	-0.309	-0.282				<i>MIR509-3</i>	Body
cg27499850	16	73,127,462	0.00716	-0.309	-0.148				<i>HTA</i>	Body
cg07725829	12	88,186,400	2.15E-05	-0.309	-0.341					
cg08333835	8	113,656,015	1E-08	-0.309	-0.295				<i>CSMD3</i>	Body
cg14067657	20	56,248,127	7.51E-05	-0.309	-0.327				<i>PMEPA1</i>	5'UTR
cg06611109	3	147,680,482	3.11E-05	-0.309	-0.276					
cg19718360	1	160,550,647	2.79E-13	-0.309	-0.291				<i>CD84</i>	TSS1500
cg00820961	9	138,624,832	1.11E-05	-0.309	-0.246				<i>KCNT1</i>	Body
cg20948923	14	28,081,449	2.86E-05	-0.309	-0.257					
cg04115702	17	77,386,380	4.78E-05	-0.309	-0.247				<i>HRNBP3</i>	5'UTR
cg12400519	12	127,209,583	7.2E-05	-0.309	-0.304					
cg20608990	2	202,097,607	3.07E-06	-0.309	-0.353				<i>CASP8</i>	TSS1500
cg11139864	16	33,730,558	3.2E-06	-0.309	-0.260					



cg03469655	6	123,385,000	8.63E-09	-0.309	-0.291				<i>CLVS2</i>	3'UTR
cg23820589	1	2,014,244	5.91E-13	-0.309	-0.314				<i>PRKCZ</i>	Body
cg16322276	11	104,035,761	3.19E-05	-0.309	-0.306				<i>PDGFD</i>	TSS1500
cg11413443	4	155,505,887	0.000259	-0.309	-0.252				<i>FGA</i>	Body
cg12059258	10	107,899,066	0.000413	-0.310	-0.290					
cg10154971	16	59,270,585	0.000421	-0.310	-0.279					
cg17482224	1	225,116,995	5.17E-08	-0.310	-0.345			Yes	<i>DNAH14</i>	TSS1500
cg02495250	16	82,735,595	0.000101	-0.310	-0.320				<i>CDH13</i>	Body
cg27168858	1	55,351,659	1.82E-12	-0.310	-0.291				<i>DHCR24</i>	Body
cg05281206	17	32,682,770	0.00012	-0.310	-0.279				<i>CCL13</i>	TSS1500
cg06873024	1	215,130,954	0.002637	-0.310	-0.346					
cg26151206	1	158,390,649	0.000133	-0.310	-0.266				<i>OR10K2</i>	1stExon
cg17661135	8	32,441,430	3.09E-07	-0.310	-0.280			Yes	<i>NRG1</i>	Body
cg08564874	7	34,696,723	2.91E-06	-0.310	-0.325				<i>NPSR1</i>	TSS1500
cg15580304	20	62,550,734	0.046283	-0.310	-0.205				<i>MIR941-3</i>	TSS1500
cg10812889	1	153,014,310	0.000554	-0.310	-0.275				<i>SPRR2D</i>	TSS1500
cg01899600	11	5,758,164	0.000102	-0.310	-0.309				<i>OR56B1</i>	1stExon
cg00335802	18	10,791,505	9.75E-05	-0.310	-0.345				<i>FAM38B</i>	Body
cg10176692	11	48,238,296	6.53E-08	-0.310	-0.325				<i>OR4B1</i>	TSS200
cg26330275	12	4,549,503	0.005542	-0.310	-0.187				<i>FGF6</i>	Body
cg26070874	7	29,648,885	0.000165	-0.310	-0.240					
cg27626424	1	153,232,348	0.001591	-0.310	-0.253	2.45E-14	-0.166		<i>LOR</i>	5'UTR
cg03294961	20	31,594,014	0.000185	-0.310	-0.391				<i>BPIL1</i>	TSS1500
cg00509996	4	7,595,397	0.000121	-0.310	-0.230				<i>SORCS2</i>	Body
cg17969902	19	1,274,584	1.22E-07	-0.310	-0.301				<i>CIRBP</i>	Body
cg05200373	6	33,170,101	2.21E-08	-0.310	-0.308				<i>SLC39A7</i>	Body
cg21748244	5	169,713,179	5.75E-06	-0.310	-0.274				<i>LCP2</i>	Body
cg08357627	11	132,949,126	2.73E-16	-0.310	-0.285				<i>OPCML</i>	Body
cg18162908	4	186,435,443	0.000272	-0.310	-0.375			Yes	<i>PDLIM3</i>	Body
cg02695726	1	155,714,748	7.95E-16	-0.310	-0.326				<i>MSTO2P</i>	TSS1500
cg24828648	6	63,947,428	8.21E-05	-0.310	-0.313					
cg25977938	1	99,432,192	2.46E-06	-0.310	-0.288				<i>LPPR5</i>	Body
cg07109490	1	3,342,578	4.56E-05	-0.311	-0.245				<i>PRDM16</i>	Body
cg13979884	9	74,061,171	8.88E-05	-0.311	-0.303					

cg23634417	1	156,255,479	4.2E-06	-0.311	-0.273				<i>TMEM79</i>	Body
cg21936464	1	153,177,032	0.000151	-0.311	-0.258				<i>LELP1</i>	5'UTR
cg02161039	17	78,041,529	4.57E-05	-0.311	-0.352				<i>CCDC40</i>	Body
cg06503456	16	16,124,697	1.88E-06	-0.311	-0.274				<i>ABCC1</i>	Body
cg16562486	1	2,925,740	0.002044	-0.311	-0.200					
cg03881934	1	152,784,305	2.89E-05	-0.311	-0.206			Yes	<i>LCE1B</i>	TSS200
cg20410409	1	158,724,057	0.00142	-0.311	-0.225				<i>OR6K6</i>	TSS1500
cg26810908	1	238,054,569	0.000125	-0.311	-0.304				<i>ZP4</i>	TSS1500
cg25189608	11	96,117,844	2.61E-10	-0.311	-0.302				<i>CCDC82</i>	Body
cg00742098	16	17,911,664	8.9E-05	-0.311	-0.264					
cg27093964	3	8,498,414	5.58E-08	-0.311	-0.251					
cg23182836	20	62,956,898	1.31E-05	-0.311	-0.237					
cg13758186	2	101,959,136	2.13E-08	-0.311	-0.252					
cg02722637	12	4,922,070	0.002245	-0.311	-0.234				<i>KCNA6</i>	3'UTR
cg14788768	5	24,170,286	0.010316	-0.311	-0.221					
cg15298545	16	20,816,476	2.86E-07	-0.311	-0.298				<i>ERI2</i>	Body
cg07833342	20	5,450,926	1.73E-05	-0.311	-0.238				<i>LOC643406</i>	TSS1500
cg04975519	7	156,436,023	1.02E-09	-0.311	-0.315				<i>RNF32</i>	5'UTR
cg15761405	1	157,746,405	1.76E-09	-0.311	-0.305	8.83E-09	-0.199		<i>FCRL2</i>	Body
cg04721098	16	24,265,703	1.27E-08	-0.312	-0.320				<i>CACNG3</i>	TSS1500
cg04490211	10	110,946,662	1.59E-07	-0.312	-0.277					
cg07913124	12	14,217,094	1.48E-06	-0.312	-0.316					
cg20366458	12	56,756,561	9.69E-11	-0.312	-0.306				<i>APOF</i>	1stExon
cg02495306	X	3,227,459	0.000179	-0.312	-0.254				<i>MXRA5</i>	3'UTR
cg15952370	11	124,190,997	1.18E-12	-0.312	-0.295				<i>OR8D2</i>	TSS1500
cg01260603	6	156,203,054	0.000127	-0.312	-0.204					
cg27648556	8	130,641,349	8.05E-06	-0.312	-0.318					
cg19335742	15	40,566,880	6.72E-05	-0.312	-0.252				<i>PAK6</i>	Body
cg14032033	1	241,371,615	0.004211	-0.312	-0.232				<i>RGS7</i>	Body
cg11810135	1	157,771,971	1.13E-15	-0.312	-0.312				<i>FCRL1</i>	Body
cg02045745	16	8,995,607	3.4E-06	-0.312	-0.293				<i>USP7</i>	Body
cg26204448	7	1,962,212	2.5E-14	-0.312	-0.312				<i>MAD1L1</i>	Body
cg26026598	1	181,142,292	9.62E-05	-0.312	-0.299					
cg26926768	12	34,528,122	1.76E-05	-0.312	-0.301					

cg15023513	15	87,667,171	3.42E-06	-0.312	-0.278					
cg10017293	12	51,640,305	0.005176	-0.312	-0.267				<i>SMAGP</i>	Body
cg22483095	19	1,112,679	0.000364	-0.312	-0.240				<i>SBNO2</i>	Body
cg25015813	12	127,226,110	2.1E-05	-0.312	-0.271					
cg22588275	3	167,990,777	0.001838	-0.312	-0.206				<i>C3orf50</i>	Body
cg01175394	2	113,915,885	6.13E-17	-0.312	-0.329					
cg02725001	16	86,711,219	0.000416	-0.312	-0.205			Yes		
cg03692782	19	3,982,770	0.000336	-0.312	-0.254				<i>EEF2</i>	Body
cg01088952	14	47,670,060	0.003183	-0.312	-0.236				<i>MDGA2</i>	Body
cg25384000	11	55,605,161	1.43E-10	-0.312	-0.309				<i>OR5D16</i>	TSS1500
cg13994408	X	151,307,730	7.39E-07	-0.312	-0.287				<i>MAGEA10</i>	TSS1500
cg04527202	7	48,963,443	1.58E-06	-0.313	-0.291				<i>CDC14C</i>	TSS1500
cg10673265	6	33,169,975	1.75E-16	-0.313	-0.314				<i>SLC39A7</i>	Body
cg24347611	8	92,611,305	0.000379	-0.313	-0.289					
cg01837362	12	34,492,938	0.041304	-0.313	-0.101					
cg20344040	4	189,553,390	7.5E-10	-0.313	-0.315					
cg16755214	14	54,720,346	4.63E-08	-0.313	-0.356					
cg22993585	5	178,220,238	1.01E-11	-0.313	-0.281					
cg20342458	2	52,695,221	1.06E-06	-0.313	-0.334					
cg16916745	X	52,841,366	0.001258	-0.313	-0.227				<i>XAGE5</i>	5'UTR
cg12917790	14	93,604,305	2.51E-05	-0.313	-0.243					
cg21554895	13	20,703,415	0.003784	-0.313	-0.283					
cg24877616	13	112,692,119	2.61E-07	-0.313	-0.271					
cg13507224	1	159,284,298	4.55E-10	-0.313	-0.282				<i>OR10J3</i>	1stExon
cg01455178	1	205,648,187	1.34E-17	-0.313	-0.309				<i>SLC45A3</i>	5'UTR
cg06875616	17	80,046,055	2.27E-06	-0.313	-0.242				<i>FASN</i>	Body
cg00358516	7	97,882,212	3.77E-07	-0.313	-0.272				<i>TECPR1</i>	TSS1500
cg11542394	15	101,419,011	0.000866	-0.313	-0.218				<i>ALDH1A3</i>	TSS1500
cg26722429	16	1,487,615	2.84E-09	-0.313	-0.286				<i>CCDC154</i>	Body
cg22644321	8	126,446,923	4.13E-16	-0.313	-0.306				<i>TRIB1</i>	Body
cg25344322	13	112,575,014	5.07E-05	-0.313	-0.192					
cg10966440	11	132,745,701	0.00025	-0.313	-0.341				<i>OPCML</i>	Body
cg26739149	17	78,997,350	1.33E-08	-0.313	-0.273					
cg10021411	1	159,833,715	7.94E-10	-0.313	-0.274				<i>VSIG8</i>	TSS1500

cg05392844	2	199,639,143	0.000299	-0.313	-0.274					
cg10578996	19	29,455,873	1.48E-07	-0.313	-0.332				<i>LOC148145</i>	TSS200
cg17165055	3	192,584,827	0.001112	-0.313	-0.238				<i>C3orf59</i>	Body
cg09502207	8	133,774,222	1.13E-05	-0.313	-0.260				<i>TMEM71</i>	TSS1500
cg07048608	1	158,581,040	2.26E-06	-0.314	-0.322				<i>SPTA1</i>	3'UTR
cg12836958	4	186,132,412	9.38E-15	-0.314	-0.289				<i>SNX25</i>	5'UTR
cg00317585	4	188,156,703	0.001116	-0.314	-0.233					
cg09327253	7	31,147,318	0.000132	-0.314	-0.278			Yes		
cg25569880	5	2,864,005	0.01003	-0.314	-0.135					
cg03269363	22	50,007,725	2.55E-06	-0.314	-0.323					
cg21846488	1	152,680,843	0.000358	-0.314	-0.293	2.03E-13	-0.205		<i>LCE4A</i>	TSS1500
cg04303500	20	59,602,012	0.000325	-0.314	-0.248					
cg13672747	3	13,905,567	1.49E-08	-0.314	-0.307				<i>WNT7A</i>	Body
cg04384208	1	161,519,396	8.42E-09	-0.314	-0.288	6.73E-20	-0.215		<i>FCGR3A</i>	Body
cg05323709	19	45,753,380	6.92E-06	-0.314	-0.332				<i>MARK4</i>	TSS1500
cg05361290	17	13,435,461	6.84E-06	-0.314	-0.276				<i>HS3ST3A1</i>	Body
cg05740582	8	133,573,933	0.004722	-0.314	-0.232				<i>HPYR1</i>	TSS1500
cg11476306	8	122,273,909	8.07E-09	-0.314	-0.286					
cg07320941	18	76,639,319	8.79E-11	-0.314	-0.326					
cg15106030	4	74,528,435	9.56E-12	-0.314	-0.301					
cg01348055	16	10,272,788	3.4E-14	-0.314	-0.326				<i>GRIN2A</i>	Body
cg22228748	1	99,385,800	0.00153	-0.314	-0.347				<i>LPPR5</i>	Body
cg24020826	8	140,630,180	0.001078	-0.314	-0.223				<i>KCNK9</i>	3'UTR
cg13647892	9	97,317,179	9.66E-10	-0.314	-0.281					
cg02533058	6	154,363,173	9.97E-06	-0.314	-0.303				<i>OPRM1</i>	Body
cg04444027	16	8,986,092	1.02E-08	-0.314	-0.324				<i>USP7</i>	3'UTR
cg26353877	1	159,557,886	6.92E-05	-0.314	-0.273	9.58E-13	-0.155		<i>APCS</i>	Body
cg19341901	7	149,580,879	8.77E-21	-0.314	-0.306					
cg02711020	18	9,887,994	2.13E-15	-0.314	-0.295				<i>TXNDC2</i>	Body
cg13477812	4	186,435,506	7.31E-05	-0.314	-0.384				<i>PDLIM3</i>	Body
cg05147143	6	156,217,095	2.85E-07	-0.315	-0.301					
cg01001101	7	31,726,494	0.000309	-0.315	-0.284				<i>C7orf16</i>	TSS1500
cg14081251	9	130,675,438	6.87E-15	-0.315	-0.307				<i>ST6GALNAC4</i>	5'UTR
cg19795722	11	132,080,630	0.000386	-0.315	-0.321				<i>NTM</i>	Body

cg00625443	15	80,997,087	1.16E-07	-0.315	-0.309				<i>FAM108C1</i>	Body
cg08660395	6	33,169,731	2.51E-17	-0.315	-0.317				<i>SLC39A7</i>	Body
cg04066453	17	39,943,545	3.52E-18	-0.315	-0.311				<i>JUP</i>	TSS1500
cg01443488	1	159,557,514	1.73E-05	-0.315	-0.300				<i>APCS</i>	TSS200
cg24788034	19	2,588,241	0.000245	-0.315	-0.328				<i>GNG7</i>	5'UTR
cg00796302	4	106,477,599	1.58E-20	-0.315	-0.317				<i>FLJ20184</i>	Body
cg09235788	1	111,220,207	4.22E-14	-0.315	-0.301					
cg07947745	4	176,068,376	0.000245	-0.315	-0.260			Yes		
cg21271015	1	4,542,704	2.44E-05	-0.315	-0.230					
cg09829094	14	48,613,475	0.002169	-0.315	-0.223					
cg08778148	2	188,406,934	2.37E-13	-0.315	-0.285				<i>TFPI</i>	5'UTR
cg01879506	16	24,394,920	0.000753	-0.315	-0.350					
cg01400541	10	50,386,612	2.66E-09	-0.316	-0.231				<i>C10orf128</i>	Body
cg11397476	10	19,149,495	0.000152	-0.316	-0.317					
cg22924958	10	125,617,328	9.47E-06	-0.316	-0.269				<i>CPXM2</i>	Body
cg03564727	19	49,577,206	5.94E-07	-0.316	-0.294				<i>KCNA7</i>	TSS1500
cg08822602	6	168,743,643	4.15E-07	-0.316	-0.312					
cg08123067	17	81,047,183	1.21E-11	-0.316	-0.302				<i>METRNL</i>	Body
cg14753458	3	48,751,128	1.46E-21	-0.316	-0.300				<i>IP6K2</i>	5'UTR
cg09433131	8	73,480,179	0.025437	-0.316	-0.206				<i>KCNB2</i>	Body
cg04960602	13	112,352,250	0.000582	-0.316	-0.231					
cg04722643	17	80,289,500	1.4E-09	-0.316	-0.268				<i>SECTM1</i>	5'UTR
cg04861230	1	159,682,497	1.01E-13	-0.316	-0.325				<i>CRP</i>	3'UTR
cg18241469	3	168,136,028	6.45E-06	-0.316	-0.263				<i>C3orf50</i>	Body
cg01722493	6	166,570,199	3.11E-08	-0.316	-0.224					
cg13434489	1	3,189,088	0.010942	-0.316	-0.089				<i>PRDM16</i>	Body
cg03252770	4	154,354,354	6.89E-13	-0.316	-0.292					
cg12686407	11	104,035,942	4E-05	-0.316	-0.330				<i>PDGFD</i>	TSS1500
cg04583904	16	33,627,536	0.000138	-0.316	-0.258					
cg06118116	2	228,336,171	2.95E-16	-0.316	-0.311				<i>AGFG1</i>	TSS1500
cg23532985	11	4,626,526	8.57E-10	-0.316	-0.304				<i>TRIM68</i>	Body
cg21960265	6	32,015,635	1.69E-06	-0.317	-0.220				<i>TNXB</i>	Body
cg14269191	11	5,346,249	0.002559	-0.317	-0.287				<i>OR51B2</i>	TSS1500
cg20422212	6	133,576,214	1.03E-07	-0.317	-0.304				<i>EYA4</i>	5'UTR

cg06437799	1	155,659,719	7.09E-11	-0.317	-0.319				<i>DAP3</i>	5'UTR
cg20312687	20	29,956,585	2.59E-06	-0.317	-0.274	2.56E-10	-0.221		<i>DEFB118</i>	Body
cg15099397	13	110,761,577	1.05E-06	-0.317	-0.296					
cg13720705	10	37,990,370	0.000212	-0.317	-0.282					
cg00327544	7	32,307,671	0.000597	-0.317	-0.261					
cg21580421	3	112,361,234	0.000383	-0.317	-0.331				<i>CCDC80</i>	TSS1500
cg13918472	7	63,153,149	1.29E-06	-0.317	-0.286					
cg23384428	6	154,406,841	0.000994	-0.317	-0.286				<i>OPRM1</i>	Body
cg14907066	8	1,048,112	1.94E-07	-0.317	-0.354					
cg14118839	10	36,711,931	0.002841	-0.317	-0.312					
cg02482478	12	131,624,445	0.018741	-0.317	-0.163				<i>GPR133</i>	3'UTR
cg00923934	8	55,795,838	4.25E-09	-0.318	-0.329					
cg07957035	16	49,623,763	0.001946	-0.318	-0.199				<i>ZNF423</i>	Body
cg13563390	9	99,253,610	2.66E-07	-0.318	-0.327			Yes	<i>HABP4</i>	3'UTR
cg05846851	16	10,172,054	3.33E-05	-0.318	-0.341			Yes	<i>GRIN2A</i>	Body
cg05027713	8	32,637,753	3.69E-09	-0.318	-0.319					
cg08061524	22	46,472,568	2.22E-12	-0.318	-0.271					
cg14454796	2	242,031,694	0.010416	-0.318	-0.194				<i>MTERFD2</i>	Body
cg09006039	4	65,778,481	2.41E-06	-0.318	-0.282					
cg09134205	7	154,003,215	0.020787	-0.318	-0.263				<i>DPP6</i>	Body
cg09362969	1	3,827,065	4E-19	-0.318	-0.298				<i>LOC100133612</i>	Body
cg02877152	4	186,558,596	4.1E-11	-0.318	-0.326				<i>SORBS2</i>	Body
cg26165993	18	76,639,446	1.74E-10	-0.318	-0.332					
cg22601108	1	158,723,939	0.00011	-0.318	-0.238				<i>OR6K6</i>	TSS1500
cg02571204	10	114,591,733	2.03E-07	-0.318	-0.346					
cg21036593	X	150,349,034	0.009185	-0.318	-0.241				<i>GPR50</i>	Body
cg12514868	4	2,491,659	3.77E-06	-0.318	-0.221				<i>RNF4</i>	5'UTR
cg03222483	1	153,283,628	9.91E-05	-0.318	-0.294				<i>PGLYRP3</i>	TSS1500
cg00962147	16	6,949,843	1.07E-08	-0.318	-0.320				<i>A2BP1</i>	5'UTR
cg00121045	16	1,416,053	0.002633	-0.318	-0.340				<i>UNKL</i>	3'UTR
cg09238049	16	1,205,018	1.26E-22	-0.318	-0.326				<i>CACNA1H</i>	Body
cg21734996	4	16,760,829	3.69E-08	-0.318	-0.315				<i>LDB2</i>	Body
cg04281261	20	5,451,900	4.9E-06	-0.318	-0.296				<i>LOC643406</i>	Body
cg00378950	X	89,177,498	0.030656	-0.319	-0.129				<i>TGIF2LX</i>	Body

cg11022093	2	58,597,564	4.32E-12	-0.319	-0.312					
cg20284039	X	150,339,834	5.73E-07	-0.319	-0.248					
cg22947965	11	123,775,188	8.37E-07	-0.319	-0.327					
cg12897978	4	23,424,592	0.001661	-0.319	-0.290					
cg21045828	8	89,310,065	1.12E-09	-0.319	-0.295				MMP16	Body
cg12924510	18	514,363	4.5E-06	-0.319	-0.330					
cg14210862	9	91,193,195	2.54E-14	-0.319	-0.330					
cg23874373	17	77,952,488	0.014006	-0.319	-0.299				TBC1D16	Body
cg01300105	8	72,599,552	0.007055	-0.319	-0.282					
cg12178904	1	205,632,052	6.49E-21	-0.319	-0.289				SLC45A3	Body
cg09417355	1	152,814,273	0.001507	-0.319	-0.240				LCE6A	TSS1500
cg14829090	4	174,434,004	9.52E-11	-0.319	-0.293					
cg09758273	4	1,237,995	4.62E-06	-0.319	-0.228				CTBP1	Body
cg13714540	6	137,366,432	6.12E-11	-0.319	-0.299				IL20RA	TSS200
cg24137322	4	77,484,566	2.19E-11	-0.320	-0.262				SHROOM3	Body
cg11344217	1	186,096,558	0.000763	-0.320	-0.249				HMCN1	Body
cg18200038	7	55,712,946	4.37E-05	-0.320	-0.353				LOC442308	TSS1500
cg17069590	3	112,647,810	5.24E-16	-0.320	-0.315				CD200R1	3'UTR
cg12303981	6	2,244,766	1.25E-05	-0.320	-0.208				GMDS	Body
cg22978940	21	46,898,610	9.07E-10	-0.320	-0.258				COL18A1	Body
cg17036641	3	52,723,544	6.67E-13	-0.320	-0.329				GNL3	Body
cg01113073	6	155,686,868	4.46E-06	-0.320	-0.269					
cg27545630	16	2,013,058	9.68E-16	-0.320	-0.327				SNORA64	Body
cg11367259	8	89,969,235	0.043632	-0.320	-0.241			Yes		
cg16662846	1	238,648,845	0.001145	-0.320	-0.271				LOC339535	Body
cg24611351	2	71,228,551	8.51E-15	-0.320	-0.288					
cg04240491	2	30,827,623	2.19E-17	-0.320	-0.310				LCLAT1	Body
cg15609462	15	98,646,401	0.002398	-0.320	-0.257					
cg20944283	1	159,172,620	1.39E-12	-0.320	-0.300				CADM3	3'UTR
cg00444390	11	7,950,225	0.001272	-0.320	-0.240				OR10A6	TSS200
cg10385251	1	247,679,636	2.83E-11	-0.320	-0.289					
cg15788279	X	152,874,850	5.67E-09	-0.321	-0.282					
cg06951647	13	111,057,782	0.004813	-0.321	-0.173				COL4A2	Body
cg24341059	8	121,604,940	0.00079	-0.321	-0.264				SNTB1	Body

cg26081584	12	40,938,571	1.78E-12	-0.321	-0.324					
cg05416337	18	49,865,270	0.016327	-0.321	-0.143				<i>DCC</i>	TSS1500
cg08351085	13	113,980,035	1.4E-09	-0.321	-0.249				<i>GRTP1</i>	Body
cg11719576	1	158,153,771	0.006154	-0.321	-0.279				<i>CD1D</i>	Body
cg07661564	17	44,919,658	1.9E-07	-0.321	-0.240					
cg13453244	8	119,686,648	2.35E-11	-0.321	-0.326					
cg08051977	17	80,045,039	0.000397	-0.321	-0.211				<i>FASN</i>	Body
cg21584518	7	142,033,426	0.000131	-0.321	-0.335					
cg18528593	19	3,381,526	3.99E-14	-0.321	-0.322				<i>NFIC</i>	Body
cg14874337	19	38,864,187	2.52E-08	-0.321	-0.321				<i>PSMD8</i>	TSS1500
cg24082368	14	28,732,361	0.000525	-0.321	-0.271					
cg27200257	17	79,816,678	9.9E-17	-0.321	-0.323				<i>P4HB</i>	Body
cg13177195	12	41,289,297	2.63E-12	-0.321	-0.289				<i>CNTN1</i>	5'UTR
cg05784088	1	157,738,458	7.96E-07	-0.321	-0.280				<i>FCRL2</i>	Body
cg22040303	X	150,912,076	9.8E-14	-0.321	-0.297				<i>CNGA2</i>	Body
cg15593510	1	158,369,112	1.77E-08	-0.322	-0.333				<i>OR10T2</i>	1stExon
cg03227775	7	2,972,073	0.000221	-0.322	-0.297				<i>CARD11</i>	Body
cg08174890	4	9,558,077	5.7E-15	-0.322	-0.341				<i>MIR548I2</i>	TSS200
cg21289437	13	112,692,270	0.001244	-0.322	-0.279					
cg14570051	18	10,955,104	2.4E-06	-0.322	-0.305				<i>FAM38B</i>	Body
cg18699226	7	31,980,400	6.3E-05	-0.322	-0.294				<i>PDE1C</i>	Body
cg15992935	6	137,366,346	7.97E-09	-0.322	-0.264				<i>IL20RA</i>	TSS200
cg16236270	7	99,697,319	1.26E-08	-0.322	-0.312				<i>MCM7</i>	Body
cg12646067	22	50,481,514	1.69E-05	-0.322	-0.328				<i>TLL8</i>	Body
cg13778078	4	785,160	2.01E-10	-0.322	-0.347				<i>CPLX1</i>	Body
cg19145001	7	50,470,118	0.000582	-0.322	-0.278				<i>IKZF1</i>	3'UTR
cg24405700	12	655,829	2.98E-12	-0.322	-0.315				<i>B4GALNT3</i>	Body
cg03503785	16	23,962,572	2.57E-05	-0.322	-0.347				<i>PRKCB</i>	Body
cg08918576	1	158,688,775	1.42E-10	-0.322	-0.292				<i>OR6K3</i>	TSS1500
cg03561071	11	91,844,355	0.003088	-0.322	-0.333					
cg14107638	X	151,286,380	0.000264	-0.322	-0.254	1.01E-08	-0.128		<i>MAGEA5</i>	5'UTR
cg13121732	14	105,260,250	1.01E-08	-0.322	-0.288				<i>AKT1</i>	TSS1500
cg10894063	2	58,722,314	1.84E-05	-0.322	-0.278					
cg07872947	2	1,732,172	0.000421	-0.322	-0.325				<i>PXDN</i>	Body



cg26140836	X	108,870,738	0.012962	-0.322	-0.254					
cg12857407	X	151,903,194	0.046706	-0.322	-0.146				<i>MAGEA12</i>	TSS200
cg20316883	8	138,493,473	0.000315	-0.323	-0.251					
cg16359985	7	100,276,087	4.1E-10	-0.323	-0.274				<i>GNB2</i>	Body
cg21490751	3	168,268,421	2.34E-08	-0.323	-0.252				<i>MIR551B</i>	TSS1500
cg04641165	6	16,139,117	3.31E-10	-0.323	-0.320				<i>MYLIP</i>	Body
cg22110888	17	80,059,540	7.54E-09	-0.323	-0.285				<i>CCDC57</i>	3'UTR
cg06338958	16	1,489,061	2.6E-08	-0.323	-0.325				<i>CCDC154</i>	Body
cg21148025	21	19,639,479	3.12E-09	-0.323	-0.291				<i>CHODL</i>	3'UTR
cg19757261	10	44,222,463	2.07E-08	-0.323	-0.296					
cg13821176	8	126,448,338	9.71E-05	-0.323	-0.341				<i>TRIB1</i>	Body
cg00814328	19	22,992,509	5.98E-06	-0.323	-0.281					
cg27369641	7	100,274,361	1.42E-15	-0.323	-0.308				<i>GNB2</i>	Body
cg09857273	8	95,230,984	3.87E-09	-0.323	-0.323				<i>CDH17</i>	TSS1500
cg18323376	20	30,028,241	0.009198	-0.323	-0.210				<i>DEFB123</i>	TSS200
cg08146256	14	21,734,410	3.99E-14	-0.323	-0.276				<i>HNRNPC</i>	5'UTR
cg27226927	17	79,993,863	1.92E-14	-0.323	-0.285				<i>DCXR</i>	Body
cg00887902	8	56,436,393	2.98E-07	-0.323	-0.348				<i>XKR4</i>	Body
cg04876124	1	3,160,911	3.62E-09	-0.323	-0.313				<i>PRDM16</i>	Body
cg08596532	5	5,033,993	6.42E-09	-0.323	-0.313				<i>LOC340094</i>	TSS1500
cg14151372	10	108,045,557	7.14E-09	-0.323	-0.298					
cg25921502	10	50,363,896	2.57E-05	-0.324	-0.267				<i>C10orf128</i>	3'UTR
cg01520122	17	32,595,801	3.87E-07	-0.324	-0.296				<i>CCL7</i>	TSS1500
cg02378063	4	22,913,868	5.44E-12	-0.324	-0.314					
cg08330011	4	4,232,220	6.16E-11	-0.324	-0.329					
cg07196505	16	7,565,837	1.28E-09	-0.324	-0.318				<i>A2BP1</i>	Body
cg08281123	3	19,791,304	0.036257	-0.324	-0.193					
cg21551253	12	131,418,217	0.000359	-0.324	-0.235					
cg04441847	2	38,976,288	1.29E-09	-0.324	-0.350				<i>SFRS7</i>	Body
cg26106316	2	56,701,451	9.4E-08	-0.324	-0.332					
cg00985817	4	23,584,720	1.67E-09	-0.324	-0.334					
cg23678565	20	52,688,442	1.98E-11	-0.324	-0.338				<i>BCAS1</i>	TSS1500
cg25731211	17	79,694,636	1.32E-07	-0.324	-0.311					
cg00068779	4	189,956,957	0.003822	-0.324	-0.203					

cg14526874	4	17,348,908	1.99E-06	-0.324	-0.295					
cg04866380	7	31,725,973	0.000685	-0.324	-0.235				<i>C7orf16</i>	TSS1500
cg19597545	8	89,099,606	0.000351	-0.324	-0.283				<i>MMP16</i>	Body
cg10908188	3	56,717,798	3.7E-09	-0.324	-0.313				<i>C3orf63</i>	TSS1500
cg00023726	1	2,839,935	5.9E-07	-0.324	-0.275					
cg04349219	14	105,688,129	3.03E-06	-0.325	-0.274				<i>BRF1</i>	Body
cg01824172	7	139,475,138	5.57E-18	-0.325	-0.301				<i>HIPK2</i>	Body
cg19039481	2	394,115	6.63E-08	-0.325	-0.335					
cg25448687	2	49,143,534	0.000135	-0.325	-0.288					
cg13012086	12	43,968,909	2.31E-06	-0.325	-0.268					
cg24819967	10	135,190,860	8.67E-18	-0.325	-0.295					
cg13354679	6	133,713,169	0.000994	-0.325	-0.315				<i>EYA4</i>	Body
cg21578543	4	155,312,795	0.002844	-0.325	-0.174				<i>DCHS2</i>	TSS1500
cg23174148	3	141,174,337	2.48E-09	-0.325	-0.352					
cg14207921	14	20,898,785	7.78E-14	-0.325	-0.312				<i>KLHL33</i>	Body
cg10917952	11	5,989,222	1.03E-05	-0.325	-0.311				<i>OR56A5</i>	1stExon
cg08786003	1	157,670,710	0.000425	-0.325	-0.360	7.5E-13	-0.269		<i>FCRL3</i>	TSS200
cg26276249	1	185,925,432	2E-10	-0.325	-0.303				<i>HMCN1</i>	Body
cg00082912	17	52,194,268	7.76E-11	-0.325	-0.338					
cg02869444	10	110,998,760	0.002368	-0.325	-0.229					
cg03725652	18	76,073,399	0.001278	-0.325	-0.199					
cg19793904	12	128,943,277	2.34E-06	-0.325	-0.300				<i>TMEM132C</i>	Body
cg03467047	3	118,864,763	3.29E-08	-0.325	-0.273				<i>IGSF11</i>	1stExon
cg16278077	1	205,635,579	2.54E-05	-0.325	-0.208				<i>SLC45A3</i>	5'UTR
cg12406124	3	156,876,145	3.31E-18	-0.325	-0.333				<i>CCNL1</i>	Body
cg25326491	6	152,960,531	0.001258	-0.326	-0.285					
cg00298977	1	153,175,842	1.65E-08	-0.326	-0.304				<i>LELP1</i>	TSS200
cg23992209	1	157,811,905	3.47E-05	-0.326	-0.325				<i>CD5L</i>	TSS1500
cg17352276	15	66,795,208	4.08E-13	-0.326	-0.304				<i>SNORD16</i>	Body
cg26765743	20	59,047,488	0.000203	-0.326	-0.261					
cg27476859	7	2,772,710	2.26E-14	-0.326	-0.334				<i>GNA12</i>	Body
cg11489090	8	10,405,250	1.11E-14	-0.326	-0.297					
cg20018806	11	59,633,874	4.57E-08	-0.326	-0.265	5.34E-14	-0.163		<i>TCN1</i>	1stExon
cg24360034	11	124,414,205	5.73E-06	-0.326	-0.365				<i>OR8B12</i>	TSS1500

cg02709924	8	32,579,011	3.66E-07	-0.326	-0.295				<i>NRG1</i>	Body
cg05673079	10	110,084,660	1.27E-05	-0.326	-0.248					
cg03724628	19	1,440,260	2.68E-06	-0.326	-0.267				<i>RPS15</i>	Body
cg18827893	X	27,765,005	2.37E-07	-0.326	-0.262				<i>DCAF8L2</i>	5'UTR
cg07269374	12	66,176,707	2.92E-07	-0.327	-0.304				<i>RPSAP52</i>	Body
cg01132056	4	178,170,788	3.29E-11	-0.327	-0.317					
cg24763840	5	5,034,397	0.042379	-0.327	-0.205				<i>LOC340094</i>	TSS200
cg16264595	1	4,619,207	0.000346	-0.327	-0.284					
cg26188543	3	148,664,839	7.38E-06	-0.327	-0.369					
cg22598458	7	64,862,915	1.5E-14	-0.327	-0.329				<i>ZNF92</i>	Body
cg23191950	15	101,419,074	0.000105	-0.327	-0.253	1.21E-20	-0.203		<i>ALDH1A3</i>	TSS1500
cg07379779	3	23,641,714	3.15E-08	-0.327	-0.254					
cg05205314	5	23,411,506	5.78E-05	-0.327	-0.263					
cg02811368	12	131,402,564	8.14E-08	-0.327	-0.239					
cg23962746	1	209,105,888	0.000129	-0.327	-0.366					
cg04436634	1	158,575,773	8.26E-07	-0.327	-0.314				<i>OR10Z1</i>	TSS1500
cg25316305	12	4,361,135	0.000283	-0.328	-0.256					
cg26915336	7	35,407,225	0.002564	-0.328	-0.348					
cg25188238	8	56,436,589	5.83E-05	-0.328	-0.278				<i>XKR4</i>	Body
cg00079598	11	123,676,903	3.63E-06	-0.328	-0.314				<i>OR6M1</i>	1stExon
cg26789038	7	50,468,722	0.022422	-0.328	-0.201				<i>IKZF1</i>	3'UTR
cg08782022	16	4,730,136	5.45E-21	-0.328	-0.317			Yes	<i>MGRN1</i>	Body
cg19310458	2	80,361,612	4.68E-08	-0.328	-0.340				<i>CTNNA2</i>	Body
cg02947498	14	90,139,566	1.95E-09	-0.328	-0.339					
cg03152913	2	178,975,712	6.22E-13	-0.328	-0.306				<i>RBM45</i>	TSS1500
cg02106866	11	104,758,259	1.68E-06	-0.328	-0.246				<i>CASP12</i>	Body
cg08421550	X	150,883,777	4.38E-08	-0.328	-0.347				<i>FATE1</i>	TSS1500
cg00554631	4	155,340,841	2.38E-05	-0.328	-0.272				<i>DCHS2</i>	Body
cg20841191	17	79,035,225	1.45E-15	-0.328	-0.317				<i>BAIAP2</i>	Body
cg20823091	1	152,680,639	0.000625	-0.328	-0.257				<i>LCE4A</i>	TSS1500
cg08435683	20	4,836,338	1.1E-08	-0.328	-0.306				<i>SLC23A2</i>	3'UTR
cg19547192	7	158,059,976	1.16E-05	-0.329	-0.334				<i>PTPRN2</i>	Body
cg03082523	1	3,155,965	2.35E-08	-0.329	-0.250				<i>PRDM16</i>	Body
cg11783356	20	44,313,418	1.08E-12	-0.329	-0.323				<i>WFDC10B</i>	3'UTR

cg13804838	17	80,053,022	6.74E-25	-0.329	-0.329				<i>FASN</i>	Body
cg15763984	4	1,342,303	1.65E-08	-0.329	-0.355				<i>KIAA1530</i>	Body
cg24581650	5	172,263,112	1.76E-12	-0.329	-0.325				<i>ERGIC1</i>	Body
cg21732056	11	7,819,812	0.000142	-0.329	-0.322				<i>OR5P2</i>	TSS1500
cg05990988	5	4,223,068	2.34E-05	-0.329	-0.272					
cg08727352	6	33,264,844	6.76E-06	-0.329	-0.237				<i>RGL2</i>	Body
cg13036702	11	94,799,727	1.57E-15	-0.329	-0.319				<i>SFRS2B</i>	TSS1500
cg13486759	9	86,751,815	1.47E-19	-0.329	-0.310					
cg00874589	3	112,405,614	8.73E-09	-0.329	-0.337					
cg06193520	16	1,373,703	1.51E-08	-0.329	-0.308				<i>UBE2I</i>	Body
cg02489492	12	16,662,646	3.14E-08	-0.329	-0.305					
cg15707869	8	88,884,985	8.3E-14	-0.329	-0.316				<i>DCAF4L2</i>	3'UTR
cg12844277	14	47,544,244	1.08E-07	-0.329	-0.338				<i>MDGA2</i>	Body
cg21312148	1	152,636,074	0.00067	-0.329	-0.292	4.92E-10	-0.201		<i>LCE2D</i>	5'UTR
cg02258139	7	97,841,513	0.008699	-0.329	-0.151				<i>BHLHA15</i>	TSS200
cg09814034	20	44,876,346	7.1E-06	-0.329	-0.410				<i>CDH22</i>	Body
cg18126060	12	4,923,430	0.000601	-0.329	-0.258				<i>KCNA6</i>	3'UTR
cg18276125	10	102,749,041	0.000689	-0.330	-0.278				<i>C10orf2</i>	1stExon
cg03157509	19	1,313,407	1.95E-16	-0.330	-0.327					
cg03424345	12	130,411,272	2.74E-05	-0.330	-0.280					
cg11211197	12	127,980,652	0.002974	-0.330	-0.265					
cg19022006	18	61,143,945	5.84E-05	-0.330	-0.313				<i>SERPINB5</i>	TSS200
cg05024715	11	123,849,197	3.15E-06	-0.330	-0.276				<i>OR10S1</i>	TSS1500
cg25069807	17	76,171,191	2.64E-13	-0.330	-0.312				<i>TK1</i>	Body
cg23586792	2	200,423,026	0.0005	-0.330	-0.247					
cg11570011	4	16,362,340	7.43E-08	-0.330	-0.332					
cg00335591	7	1,596,260	3.7E-08	-0.330	-0.320				<i>TMEM184A</i>	TSS200
cg23124613	15	89,731,485	0.000393	-0.330	-0.289				<i>ABHD2</i>	Body
cg01439568	3	51,429,919	3.69E-08	-0.330	-0.281				<i>RBM15B</i>	1stExon
cg02687786	4	16,971,135	5.26E-07	-0.330	-0.307					
cg19515081	14	105,268,492	0.000126	-0.330	-0.235				<i>ZBTB42</i>	Body
cg03962359	6	154,166,263	1.43E-12	-0.330	-0.335					
cg12523109	X	52,825,220	5.02E-16	-0.331	-0.321				<i>SPANXN5</i>	3'UTR
cg16581308	4	16,862,080	8.42E-09	-0.331	-0.345				<i>LDB2</i>	Body

cg06155229	7	102,937,535	2.08E-15	-0.331	-0.295				<i>PMPCB</i>	TSS1500
cg06450373	5	19,766,434	1.73E-07	-0.331	-0.315				<i>CDH18</i>	Body
cg16852483	13	102,103,930	4.12E-07	-0.331	-0.311				<i>ITGBL1</i>	TSS1500
cg12032027	20	52,198,225	7.4E-05	-0.331	-0.390				<i>ZNF217</i>	1stExon
cg00602115	18	32,398,987	3.48E-07	-0.331	-0.237				<i>DTNA</i>	5'UTR
cg20172563	6	47,487,173	4.78E-15	-0.331	-0.271				<i>CD2AP</i>	Body
cg26929573	12	34,548,136	2.51E-05	-0.331	-0.318					
cg14533401	11	108,991,744	5.27E-07	-0.331	-0.337					
cg14555736	12	128,852,982	3.87E-05	-0.331	-0.319				<i>TMEM132C</i>	Body
cg00215902	11	122,198,071	3.11E-06	-0.331	-0.315					
cg06988547	1	2,839,763	0.001169	-0.331	-0.197					
cg01421252	16	5,590,677	1.8E-09	-0.331	-0.348					
cg17679470	4	189,602,161	8.98E-08	-0.331	-0.346					
cg07837852	1	198,907,517	1.48E-05	-0.331	-0.317					
cg04833731	16	30,124,803	3.51E-17	-0.331	-0.314				<i>GDPD3</i>	1stExon
cg08948808	1	152,942,003	0.000318	-0.331	-0.273				<i>SPRR4</i>	TSS1500
cg22124859	1	152,813,850	0.007612	-0.331	-0.247				<i>LCE6A</i>	TSS1500
cg04227631	X	151,562,205	6.96E-09	-0.331	-0.300				<i>GABRA3</i>	5'UTR
cg03742642	12	133,354,143	1.1E-09	-0.332	-0.304				<i>GOLGA3</i>	Body
cg15700197	1	159,409,207	7.35E-08	-0.332	-0.317	2.39E-17	-0.256		<i>OR10J1</i>	TSS1500
cg04249559	12	655,964	6.33E-08	-0.332	-0.297				<i>B4GALNT3</i>	Body
cg08981041	4	117,624,191	8.45E-12	-0.332	-0.279					
cg26677406	15	92,580,100	6.1E-05	-0.332	-0.279				<i>SLCO3A1</i>	Body
cg13663644	9	990,692	2.19E-05	-0.332	-0.237				<i>DMRT3</i>	Body
cg14560435	9	27,949,504	5.38E-05	-0.332	-0.241				<i>LINGO2</i>	Body
cg21498785	4	686,870	3.59E-21	-0.332	-0.335					
cg09069150	10	108,773,772	1.05E-13	-0.332	-0.350				<i>SORCS1</i>	Body
cg21243589	2	88,428,542	9.25E-07	-0.332	-0.313				<i>FABP1</i>	TSS1500
cg14993912	5	83,683,585	1.99E-06	-0.332	-0.300					
cg14211837	18	53,695,649	1.36E-06	-0.333	-0.280					
cg21491163	5	31,323,216	0.024756	-0.333	-0.260				<i>CDH6</i>	Body
cg03276000	7	154,087,975	3.53E-05	-0.333	-0.310				<i>DPP6</i>	Body
cg18183671	3	35,720,994	0.000448	-0.333	-0.314				<i>ARPP-21</i>	5'UTR
cg12980795	5	85,056,547	4.5E-12	-0.333	-0.258					

cg19171161	17	77,803,660	1.96E-10	-0.333	-0.320					
cg04910834	8	72,761,320	9.76E-05	-0.333	-0.329					
cg06457633	10	26,726,877	0.018922	-0.333	-0.251				<i>APBB1IP</i>	TSS1500
cg06218079	17	80,834,228	5.7E-16	-0.333	-0.321				<i>TBCD</i>	Body
cg21836699	4	9,557,805	6.64E-05	-0.333	-0.299				<i>MIR548I2</i>	Body
cg22935609	6	55,989,097	4.51E-05	-0.333	-0.302				<i>COL21A1</i>	Body
cg18244845	19	6,111,541	1.93E-13	-0.333	-0.344				<i>RFX2</i>	TSS1500
cg09329079	7	1,582,834	1.77E-14	-0.333	-0.284				<i>TMEM184A</i>	3'UTR
cg02526439	8	89,053,427	5.87E-08	-0.333	-0.345				<i>MMP16</i>	3'UTR
cg10435838	5	5,034,303	1.85E-05	-0.333	-0.325				<i>LOC340094</i>	TSS200
cg15057670	19	51,359,872	2.48E-13	-0.334	-0.321				<i>KLK3</i>	Body
cg05411679	16	1,090,585	1.33E-05	-0.334	-0.273					
cg16493071	16	1,225,126	0.047761	-0.334	-0.280				<i>CACNA1H</i>	Body
cg12134682	7	1,574,226	9.48E-33	-0.334	-0.321				<i>MAFK</i>	5'UTR
cg06903917	1	242,767,942	0.000617	-0.334	-0.292					
cg00187981	8	142,984,613	9.76E-05	-0.334	-0.345					
cg05563813	7	48,963,408	5.72E-07	-0.334	-0.340				<i>CDC14C</i>	TSS1500
cg22514756	1	156,426,017	1.08E-22	-0.334	-0.342					
cg00257800	2	57,938,135	3.7E-15	-0.334	-0.327					
cg06951383	19	3,982,749	0.001249	-0.334	-0.287				<i>SNORD37</i>	TSS200
cg06456717	18	12,092,942	1.3E-19	-0.334	-0.322					
cg09906066	12	40,959,011	1.74E-05	-0.334	-0.328					
cg15142042	5	3,963,277	0.000667	-0.335	-0.275					
cg13590456	3	76,712,364	1.52E-05	-0.335	-0.313					
cg10961733	10	6,807,134	0.001092	-0.335	-0.280					
cg12636543	8	137,878,016	2.83E-05	-0.335	-0.323					
cg03693434	17	80,050,880	1.76E-05	-0.335	-0.264				<i>FASN</i>	Body
cg05208895	7	100,276,062	0.005148	-0.335	-0.221				<i>GNB2</i>	Body
cg13608414	6	133,932,895	8.62E-07	-0.335	-0.298					
cg19402335	1	159,410,002	4.58E-06	-0.335	-0.316				<i>OR10J1</i>	1stExon
cg05571619	6	1,180,377	1.19E-12	-0.335	-0.290					
cg09763347	8	133,574,010	0.005514	-0.335	-0.245				<i>HPYR1</i>	TSS1500
cg07936456	16	7,708,060	0.000536	-0.335	-0.240				<i>A2BP1</i>	Body
cg27057036	8	130,997,672	0.001426	-0.335	-0.383					

cg01830271	6	31,275,148	5.77E-06	-0.336	-0.356					
cg25280720	1	158,532,613	6.55E-07	-0.336	-0.279				<i>OR6P1</i>	1stExon
cg25220990	5	4,206,669	4.16E-09	-0.336	-0.308					
cg13380622	1	157,557,578	3.08E-07	-0.336	-0.288				<i>FCRL4</i>	Body
cg04744713	8	142,517,440	1.2E-05	-0.336	-0.174				<i>FLJ43860</i>	TSS200
cg16444062	16	2,770,298	6.1E-15	-0.336	-0.356				<i>PRSS27</i>	1stExon
cg20668321	5	153,192,843	5.05E-07	-0.336	-0.304				<i>GRIA1</i>	3'UTR
cg09980403	19	12,975,529	6.78E-20	-0.336	-0.326				<i>MAST1</i>	Body
cg26819590	16	2,105,207	2.09E-05	-0.336	-0.322				<i>TSC2</i>	Body
cg21331791	13	113,653,004	0.006617	-0.336	-0.240				<i>MCF2L</i>	Body
cg20890325	4	1,239,370	3.37E-07	-0.336	-0.287				<i>CTBP1</i>	Body
cg08907926	5	3,965,271	5.45E-05	-0.336	-0.272					
cg25259754	1	157,670,220	4.9E-07	-0.336	-0.337	3.79E-21	-0.276		<i>FCRL3</i>	Body
cg24465935	6	153,938,192	6.62E-10	-0.336	-0.288					
cg10636760	1	2,904,595	0.008296	-0.336	-0.195					
cg05632088	7	63,667,446	0.00419	-0.337	-0.260				<i>ZNF735</i>	TSS200
cg01770948	16	649,132	0.033817	-0.337	-0.130				<i>RAB40C</i>	Body
cg07600623	7	158,533,890	0.001379	-0.337	-0.335				<i>ESYT2</i>	Body
cg13950362	20	30,028,062	1.86E-07	-0.337	-0.335				<i>DEFB123</i>	TSS1500
cg09559196	5	149,375,082	3.65E-08	-0.337	-0.312				<i>TIGD6</i>	Body
cg14537183	9	140,093,576	3.09E-68	-0.337	-0.338				<i>C9orf75</i>	1stExon
cg17475269	7	149,324,335	3.51E-11	-0.337	-0.338					
cg16111259	7	78,982,418	0.000478	-0.338	-0.309				<i>MAGI2</i>	Body
cg27656754	6	137,366,492	3.58E-12	-0.338	-0.323				<i>IL20RA</i>	TSS200
cg22946219	17	17,714,414	0.045614	-0.338	-0.105				<i>RAI1</i>	3'UTR
cg15996947	14	50,780,115	1.43E-14	-0.338	-0.333				<i>ATP5S</i>	Body
cg00276214	11	67,432,882	3.38E-05	-0.338	-0.264				<i>ALDH3B2</i>	Body
cg01780490	2	88,620,342	6.25E-07	-0.338	-0.345					
cg00064296	8	88,712,003	1.92E-08	-0.338	-0.342					
cg13956907	15	28,051,262	9.22E-10	-0.338	-0.307				<i>OCA2</i>	Body
cg04645050	16	86,603,761	9.8E-08	-0.338	-0.280					
cg24694665	15	37,782,428	3.06E-10	-0.338	-0.348					
cg00348598	7	34,117,970	1.51E-18	-0.338	-0.317				<i>BMPER</i>	Body
cg12961607	2	38,976,250	6.2E-19	-0.338	-0.345				<i>SFRS7</i>	Body

cg16933813	6	32,945,317	4.76E-10	-0.338	-0.369				<i>BRD2</i>	Body
cg24052851	9	90,795,355	8.83E-14	-0.338	-0.332					
cg09364980	19	29,455,913	9.5E-07	-0.338	-0.367				<i>LOC148145</i>	TSS200
cg18300008	6	156,342,156	0.000427	-0.339	-0.307					
cg07122986	16	5,452,280	8.11E-06	-0.339	-0.317					
cg13012115	11	124,254,360	7.95E-06	-0.339	-0.331				<i>OR8B2</i>	TSS1500
cg20908131	14	98,419,775	2.64E-05	-0.339	-0.338				<i>C14orf64</i>	Body
cg22862656	11	62,037,659	7.3E-16	-0.339	-0.313	2.86E-36	-0.257		<i>SCGB2A2</i>	1stExon
cg19637083	4	189,860,869	0.000283	-0.340	-0.284					
cg14674802	2	88,585,844	1.5E-05	-0.340	-0.328					
cg08906442	1	246,939,499	3.41E-10	-0.340	-0.337					
cg05973555	2	84,114,418	4.97E-07	-0.340	-0.343					
cg27605701	16	87,030,604	5.09E-12	-0.340	-0.274					
cg08108655	16	1,488,807	6.31E-11	-0.340	-0.329				<i>CCDC154</i>	Body
cg24489370	15	42,562,638	3.56E-13	-0.340	-0.315				<i>TMEM87A</i>	Body
cg16739580	3	191,179,074	0.000285	-0.340	-0.226	1.73E-09	-0.210		<i>PYDC2</i>	1stExon
cg05687660	8	106,877,721	1.83E-07	-0.340	-0.371					
cg04450606	1	153,283,317	9.7E-07	-0.340	-0.318			Yes	<i>PGLYRP3</i>	TSS200
cg12194594	13	113,426,250	4.17E-07	-0.341	-0.308				<i>ATP11A</i>	Body
cg10830021	11	3,815,589	3.23E-11	-0.341	-0.331				<i>NUP98</i>	5'UTR
cg05512111	3	118,734,756	8.59E-08	-0.341	-0.315				<i>IGSF11</i>	Body
cg19925887	X	151,146,909	1.85E-07	-0.341	-0.335					
cg03015368	16	10,065,222	8.56E-10	-0.341	-0.333				<i>GRIN2A</i>	Body
cg03890505	12	127,221,782	0.000343	-0.341	-0.297					
cg10861033	X	3,229,472	0.006128	-0.341	-0.227				<i>MXRA5</i>	Body
cg13301731	12	128,796,190	0.000135	-0.341	-0.293				<i>TMEM132C</i>	Body
cg04115006	14	105,055,171	1.17E-07	-0.341	-0.260				<i>C14orf180</i>	3'UTR
cg13760060	14	73,212,577	3.2E-05	-0.341	-0.362				<i>DPF3</i>	Body
cg04425614	14	105,055,026	1.39E-13	-0.341	-0.322				<i>C14orf180</i>	Body
cg05187154	16	9,828,141	4.35E-06	-0.341	-0.333					
cg19487455	X	146,340,510	0.000647	-0.342	-0.309				<i>MIR509-1</i>	TSS200
cg16351441	11	63,057,592	0.000007	-0.342	-0.329				<i>SLC22A10</i>	5'UTR
cg00394221	1	157,772,525	0.000155	-0.342	-0.237				<i>FCRL1</i>	Body
cg10510935	1	4,059,661	1.28E-10	-0.342	-0.273					



cg04888174	12	33,139,435	1.68E-06	-0.342	-0.311					
cg13690590	19	16,013,361	1.52E-14	-0.342	-0.333					
cg06835509	16	23,939,098	2.34E-06	-0.342	-0.388				<i>PRKCB</i>	Body
cg17551002	1	158,517,849	6.16E-09	-0.342	-0.334				<i>OR6Y1</i>	1stExon
cg16151261	18	75,691,297	4.43E-08	-0.342	-0.276					
cg05692746	2	100,937,584	6.61E-19	-0.342	-0.332				<i>LONRF2</i>	Body
cg06098276	17	76,171,208	3.85E-15	-0.342	-0.325				<i>TK1</i>	Body
cg10982861	X	107,018,095	1.35E-07	-0.342	-0.302				<i>TSC22D3</i>	Body
cg00491523	16	6,913,336	2.71E-09	-0.342	-0.359				<i>A2BP1</i>	5'UTR
cg25258002	11	57,245,109	2.74E-13	-0.342	-0.279					
cg08244156	1	153,283,712	0.000383	-0.343	-0.224				<i>PGLYRP3</i>	TSS1500
cg27546431	17	1,372,751	0.032191	-0.343	-0.258				<i>MYO1C</i>	Body
cg25349643	1	198,828,157	2.3E-05	-0.343	-0.272				<i>MIR181B1</i>	TSS200
cg20950033	14	20,898,781	2.4E-11	-0.343	-0.324				<i>KLHL33</i>	Body
cg21620606	4	1,342,894	3.7E-10	-0.343	-0.363				<i>KIAA1530</i>	Body
cg06463097	17	80,038,921	0.005841	-0.343	-0.176				<i>FASN</i>	Body
cg24365896	11	69,974,745	4.87E-08	-0.343	-0.285				<i>ANO1</i>	Body
cg12555816	11	124,253,092	1.11E-05	-0.343	-0.353				<i>OR8B2</i>	1stExon
cg21428001	2	119,066,603	1.35E-08	-0.343	-0.376					
cg06958184	12	132,963,993	8.63E-14	-0.343	-0.321					
cg11197206	14	100,504,766	4.38E-11	-0.343	-0.369					
cg15300436	2	2,321,788	6.65E-06	-0.344	-0.336				<i>LOC730811</i>	TSS1500
cg18498622	X	151,810,246	7.02E-05	-0.344	-0.359				<i>GABRQ</i>	Body
cg06516947	22	45,148,223	2.98E-11	-0.344	-0.340				<i>ARHGAP8</i>	TSS1500
cg25361447	6	33,264,834	8.54E-08	-0.344	-0.261				<i>RGL2</i>	Body
cg05852625	12	128,748,582	0.000135	-0.344	-0.250					
cg00104707	15	89,175,107	1.14E-19	-0.344	-0.314				<i>AEN</i>	3'UTR
cg22115892	4	177,198,411	0.002994	-0.344	-0.409					
cg09115960	16	1,481,278	2.81E-21	-0.344	-0.353					
cg06992846	8	126,448,837	1.37E-13	-0.345	-0.359				<i>TRIB1</i>	3'UTR
cg01395254	2	2,336,428	2.36E-05	-0.345	-0.326				<i>MYT1L</i>	TSS1500
cg11157172	1	3,210,417	0.008295	-0.345	-0.155				<i>PRDM16</i>	Body
cg20776543	7	921,156	6.31E-09	-0.345	-0.358				<i>C7orf20</i>	Body
cg25602651	X	27,999,728	8.26E-09	-0.345	-0.274				<i>DCAF8L1</i>	TSS200

cg25941151	11	88,910,913	3.96E-07	-0.345	-0.345				TYR	TSS200
cg25308354	8	1,048,765	0.00108	-0.345	-0.387					
cg25068915	17	80,052,907	4.71E-13	-0.345	-0.310				FASN	Body
cg07236958	8	140,624,727	8.78E-14	-0.345	-0.319					
cg04557423	8	128,494,728	2.51E-05	-0.345	-0.230				LOC727677	TSS1500
cg21106505	11	562,547	7.7E-12	-0.345	-0.359				RASSF7	Body
cg04992191	1	238,341,559	0.000332	-0.345	-0.244					
cg03366891	16	24,372,874	6.1E-06	-0.346	-0.333				CACNG3	Body
cg24009065	20	44,351,095	0.000487	-0.346	-0.256			Yes	SPINT4	1stExon
cg25244356	7	90,042,240	7.08E-22	-0.346	-0.304				CLDN12	Body
cg25993152	X	52,840,736	0.00062	-0.346	-0.264	0.00000618	-0.139		XAGE5	TSS1500
cg06717750	16	667,157	0.01075	-0.346	-0.404				RAB40C	Body
cg03190578	3	13,517,897	3.62E-19	-0.346	-0.331					
cg25338036	8	3,047,536	0.002287	-0.346	-0.263				CSMD1	Body
cg09664215	1	158,325,254	4.54E-06	-0.346	-0.330				CD1E	Body
cg25503540	17	80,051,901	5.64E-12	-0.346	-0.320				FASN	Body
cg05006092	17	76,166,303	2.56E-13	-0.346	-0.343				SYNGR2	Body
cg24513381	1	170,653,323	1.04E-05	-0.347	-0.346				PRRX1	Body
cg13923497	2	153,258,890	1.5E-09	-0.347	-0.332				FMNL2	Body
cg03766872	11	67,209,552	5.79E-07	-0.347	-0.254				CORO1B	Body
cg23045972	3	118,230,228	1.23E-11	-0.347	-0.370					
cg11486694	10	53,367,157	0.000604	-0.347	-0.252				PRKG1	Body
cg10330955	15	85,150,097	6.74E-13	-0.347	-0.357				ZSCAN2	Body
cg09255505	14	105,268,669	7.4E-08	-0.347	-0.270				ZBTB42	Body
cg12647861	X	103,268,125	2.37E-10	-0.347	-0.329				MIR1256	Body
cg08266311	4	37,990,443	1.44E-09	-0.347	-0.301				TBC1D1	Body
cg07782620	4	155,105,000	6.12E-05	-0.347	-0.279					
cg27056742	1	4,231,293	3.81E-06	-0.347	-0.323					
cg06821641	1	2,016,915	1.24E-14	-0.348	-0.304				PRKCZ	Body
cg14531576	1	186,095,757	2.3E-10	-0.348	-0.309				HMCN1	Body
cg08155625	21	44,851,244	4.73E-05	-0.348	-0.227					
cg25654695	19	2,273,216	8.07E-33	-0.348	-0.340				OAZ1	3'UTR
cg24670000	17	72,370,729	3.71E-10	-0.348	-0.279					
cg20543651	8	55,918,395	1.81E-05	-0.348	-0.362					

cg17862447	2	23,633,680	0.000484	-0.348	-0.365				<i>KLHL29</i>	5'UTR
cg02303068	12	131,831,940	0.00256	-0.348	-0.241					
cg09795081	6	34,392,105	1.24E-09	-0.349	-0.289				<i>RPS10</i>	Body
cg10292430	10	121,297,031	1.05E-27	-0.349	-0.369				<i>RGS10</i>	TSS1500
cg12808290	12	127,206,290	0.000427	-0.349	-0.276					
cg04683330	17	80,041,239	0.001012	-0.349	-0.216				<i>FASN</i>	Body
cg24306397	7	93,718,680	4.9E-26	-0.349	-0.355					
cg19006211	2	116,183,919	4.27E-08	-0.349	-0.319				<i>DPP10</i>	Body
cg16600934	14	105,258,761	8.36E-13	-0.349	-0.345			Yes	<i>AKT1</i>	Body
cg20268857	1	158,687,431	4.3E-06	-0.349	-0.354				<i>OR6K3</i>	1stExon
cg23026228	6	159,739,091	4.6E-06	-0.349	-0.373					
cg13006360	4	175,752,781	0.000211	-0.349	-0.316					
cg06275635	1	153,283,994	0.000213	-0.349	-0.300				<i>PGLYRP3</i>	TSS1500
cg16968020	X	151,374,946	5.44E-13	-0.349	-0.334				<i>GABRA3</i>	Body
cg19014368	12	131,197,049	2.19E-08	-0.349	-0.336			Yes		
cg20091405	11	124,370,625	2.97E-06	-0.350	-0.319					
cg21616051	4	987,303	3.23E-10	-0.350	-0.307				<i>IDUA</i>	Body
cg11143092	2	88,647,633	9.75E-08	-0.350	-0.363					
cg04075546	7	54,143,022	1.29E-06	-0.350	-0.347					
cg02175321	11	103,930,844	5.15E-06	-0.350	-0.348				<i>PDGFD</i>	Body
cg19538335	X	52,898,126	8.32E-10	-0.350	-0.340				<i>XAGE3</i>	TSS1500
cg00049102	13	72,420,299	2.51E-11	-0.350	-0.363				<i>DACH1</i>	Body
cg04547809	19	51,304,161	1.23E-15	-0.350	-0.305				<i>SNORD88A</i>	TSS1500
cg13609694	9	131,058,235	1.74E-09	-0.351	-0.289					
cg02349468	5	1,093,661	8.74E-09	-0.351	-0.321				<i>SLC12A7</i>	Body
cg20420873	13	97,639,223	4.04E-05	-0.351	-0.395				<i>OXGR1</i>	Body
cg21894356	6	5,425,832	0.000656	-0.351	-0.274				<i>FARS2</i>	Body
cg25690922	2	25,038,389	1.94E-15	-0.351	-0.350				<i>CENPO</i>	Body
cg15126733	11	562,188	6.3E-07	-0.351	-0.359				<i>RASSF7</i>	Body
cg15693572	3	22,412,385	1.11E-13	-0.351	-0.306					
cg12305265	6	162,065,571	0.000132	-0.351	-0.300				<i>PARK2</i>	Body
cg25730098	19	56,346,628	9.54E-08	-0.352	-0.341				<i>NLRP11</i>	5'UTR
cg09448880	1	153,283,841	1.65E-05	-0.352	-0.263				<i>PGLYRP3</i>	TSS1500
cg11429271	15	45,722,346	1.05E-09	-0.352	-0.296				<i>C15orf48</i>	TSS1500

cg13995599	13	113,426,270	2.37E-07	-0.352	-0.325				<i>ATP11A</i>	Body
cg07133174	21	38,360,850	3.27E-10	-0.352	-0.317				<i>HLCS</i>	5'UTR
cg04055238	20	56,251,166	0.000584	-0.352	-0.341				<i>PMEPA1</i>	5'UTR
cg06353069	2	238,500,081	3.09E-17	-0.352	-0.308				<i>RAB17</i>	TSS1500
cg11155489	17	32,613,298	8.16E-14	-0.352	-0.358				<i>CCL11</i>	Body
cg26378179	14	87,477,349	5.72E-09	-0.352	-0.331					
cg04613080	X	150,903,211	5.38E-08	-0.352	-0.334				<i>CNGA2</i>	TSS200
cg07176168	1	59,085,716	3.54E-15	-0.352	-0.339					
cg04509266	1	207,991,597	4.32E-07	-0.352	-0.270				<i>LOC148696</i>	TSS200
cg15810386	5	31,362,491	1.06E-16	-0.353	-0.349					
cg20646846	11	1,673,604	0.005299	-0.353	-0.258				<i>HCCA2</i>	Body
cg03393350	8	72,780,617	0.000117	-0.353	-0.348					
cg15685941	3	52,723,104	1.06E-12	-0.353	-0.350				<i>GNL3</i>	Body
cg25704253	X	70,434,651	1.64E-23	-0.353	-0.320				<i>BCYRN1</i>	Body
cg19596804	1	238,540,640	1.07E-05	-0.353	-0.329					
cg25628461	4	687,023	1.08E-25	-0.353	-0.347					
cg22228988	12	126,940,557	5.15E-06	-0.354	-0.368				<i>LOC100128554</i>	Body
cg00042156	10	42,970,842	3.03E-09	-0.354	-0.327				<i>LOC84856</i>	TSS200
cg06550539	10	134,698,937	0.003098	-0.354	-0.164					
cg06340161	16	46,962,962	1.95E-07	-0.354	-0.335				<i>GPT2</i>	3'UTR
cg18739944	3	168,004,541	2.88E-06	-0.354	-0.346				<i>C3orf50</i>	Body
cg14515517	10	26,226,964	7.32E-06	-0.354	-0.355				<i>MYO3A</i>	5'UTR
cg04311653	10	133,204,241	0.022152	-0.354	-0.128					
cg25423135	17	80,054,237	1.9E-35	-0.355	-0.345				<i>FASN</i>	Body
cg21018156	6	134,061,814	6.68E-05	-0.355	-0.330					
cg07587771	11	130,933,979	1.91E-06	-0.355	-0.267					
cg13570284	15	87,807,847	1.19E-05	-0.355	-0.329					
cg15965094	17	2,898,796	2.37E-15	-0.355	-0.329				<i>RAP1GAP2</i>	Body
cg22277102	19	2,591,194	1.05E-16	-0.355	-0.341				<i>GNG7</i>	5'UTR
cg02272968	6	32,015,773	5.43E-09	-0.355	-0.270				<i>TNXB</i>	Body
cg17129554	17	76,993,272	6.28E-15	-0.355	-0.339				<i>CANT1</i>	Body
cg12715285	1	3,504,125	0.003864	-0.356	-0.444				<i>MEGF6</i>	Body
cg00524676	12	34,537,250	5.66E-06	-0.356	-0.352					
cg01733284	1	158,391,119	3.87E-09	-0.356	-0.326				<i>OR10K2</i>	TSS1500

cg03331715	12	104,689,087	1.6E-18	-0.356	-0.370					<i>TXNRD1</i>	5'UTR
cg08852641	19	41,510,098	3.88E-10	-0.356	-0.293					<i>CYP2B6</i>	Body
cg25066972	14	82,002,568	2.77E-15	-0.356	-0.334						
cg22969666	14	97,688,014	1.25E-08	-0.356	-0.343						
cg17032587	X	150,903,247	2.54E-06	-0.356	-0.323					<i>CNGA2</i>	1stExon
cg13224161	6	33,141,279	5.23E-07	-0.357	-0.230					<i>COL11A2</i>	Body
cg06898823	11	121,665,583	0.004459	-0.357	-0.309						
cg05570237	21	27,934,499	2.07E-11	-0.357	-0.341					<i>CYYR1</i>	Body
cg10842557	8	72,824,512	2.53E-09	-0.358	-0.375						
cg05586863	16	5,911,262	6.89E-07	-0.358	-0.357						
cg05919685	1	159,556,997	7.46E-14	-0.358	-0.366					<i>APCS</i>	TSS1500
cg17590135	2	48,647,546	2.28E-05	-0.358	-0.295						
cg24560729	4	1,342,394	3.01E-06	-0.358	-0.410					<i>KIAA1530</i>	Body
cg27460534	17	80,046,302	0.002252	-0.358	-0.206					<i>FASN</i>	Body
cg14705695	11	88,911,467	1.01E-05	-0.358	-0.289					<i>TYR</i>	1stExon
cg26337841	1	37,329,331	1.85E-06	-0.358	-0.282					<i>GRIK3</i>	Body
cg23303246	11	131,640,135	2.64E-05	-0.358	-0.336					<i>NTM</i>	Body
cg11884711	17	76,997,364	1.01E-10	-0.358	-0.342					<i>CANT1</i>	5'UTR
cg11054774	11	824,777	4.98E-16	-0.358	-0.361				Yes	<i>PNPLA2</i>	Body
cg10647025	X	145,079,517	2.59E-09	-0.358	-0.349					<i>MIR892A</i>	TSS1500
cg16773115	8	80,992,750	2.48E-10	-0.358	-0.331					<i>TPD52</i>	Body
cg14162629	7	2,720,394	1.17E-11	-0.359	-0.258					<i>AMZ1</i>	5'UTR
cg25007511	11	108,994,504	1.53E-05	-0.359	-0.349						
cg08544192	3	147,656,523	1.23E-13	-0.359	-0.389						
cg05944877	16	24,197,863	0.000111	-0.359	-0.373					<i>PRKCB</i>	Body
cg06394109	16	1,152,511	0.009561	-0.359	-0.271						
cg25026904	4	168,829,894	2.79E-16	-0.359	-0.355						
cg09225287	7	80,549,171	1.65E-10	-0.359	-0.345					<i>SEMA3C</i>	TSS1500
cg11666040	10	135,012,454	0.001001	-0.360	-0.125					<i>KNDC1</i>	Body
cg23348723	7	31,725,748	0.00028	-0.360	-0.281					<i>C7orf16</i>	TSS1500
cg11479380	7	115,609,683	0.002512	-0.360	-0.307					<i>TFEC</i>	Body
cg16210461	19	22,994,561	7.68E-07	-0.360	-0.331						
cg01577083	16	5,486,268	6.47E-07	-0.360	-0.349						
cg16721321	4	1,202,696	2.31E-09	-0.360	-0.308					<i>LOC100130872-SPON2</i>	TSS200

cg24874602	4	16,960,938	5.81E-09	-0.360	-0.339					
cg26509022	15	101,419,296	0.001506	-0.361	-0.277	5.28E-15	-0.162		<i>ALDH1A3</i>	TSS1500
cg26308909	7	2,233,090	1.23E-13	-0.361	-0.329				<i>MAD1L1</i>	Body
cg05248742	16	24,142,386	0.000606	-0.361	-0.369				<i>PRKCB</i>	Body
cg15323840	6	158,404,061	3.42E-15	-0.361	-0.360				<i>SYNJ2</i>	Body
cg10310168	1	4,376,380	1.77E-07	-0.361	-0.310					
cg13312576	3	112,392,531	5.15E-08	-0.361	-0.341			Yes		
cg00713286	17	2,868,887	2.85E-18	-0.361	-0.353				<i>RAP1GAP2</i>	Body
cg21291134	1	159,558,512	1.01E-12	-0.361	-0.352				<i>APCS</i>	3'UTR
cg22158723	17	80,051,063	0.000225	-0.362	-0.281				<i>FASN</i>	Body
cg20674248	1	157,738,450	1.99E-08	-0.362	-0.324				<i>FCRL2</i>	Body
cg02988312	4	1,342,161	0.003817	-0.362	-0.376				<i>KIAA1530</i>	Body
cg05235610	2	52,860,117	1.24E-05	-0.362	-0.333					
cg09051513	11	824,257	1.63E-16	-0.362	-0.375				<i>PNPLA2</i>	Body
cg04625975	10	44,285,864	0.00021	-0.362	-0.356				<i>HNRNPA3P1</i>	Body
cg02616769	3	22,348,099	1.78E-05	-0.363	-0.368					
cg26286839	5	79,378,955	5.06E-12	-0.363	-0.365				<i>THBS4</i>	Body
cg13735018	6	158,404,121	1.54E-10	-0.363	-0.375				<i>SYNJ2</i>	Body
cg21915828	19	1,992,866	2.55E-06	-0.363	-0.348				<i>BTBD2</i>	Body
cg17609887	7	157,053,014	1.05E-14	-0.363	-0.332				<i>UBE3C</i>	Body
cg03344433	5	84,126,213	0.000262	-0.364	-0.346					
cg16255697	X	113,997,530	8.25E-15	-0.364	-0.390				<i>HTR2C</i>	Body
cg23960736	1	4,171,594	4.25E-05	-0.364	-0.303					
cg13915719	2	4,976,851	5.64E-14	-0.364	-0.308					
cg01993552	19	46,584,209	6.75E-11	-0.364	-0.360					
cg07457820	3	77,267,467	5.58E-06	-0.364	-0.376				<i>ROBO2</i>	Body
cg19533416	21	42,860,217	5.75E-14	-0.364	-0.340				<i>TMPRSS2</i>	Body
cg07272677	4	186,741,447	5.85E-07	-0.364	-0.321				<i>SORBS2</i>	5'UTR
cg21873275	1	149,069,813	0.006728	-0.364	-0.236					
cg08390979	16	6,094,220	5.85E-06	-0.364	-0.376				<i>A2BP1</i>	5'UTR
cg06176750	11	7,112,356	9.56E-07	-0.365	-0.390				<i>RBMXL2</i>	3'UTR
cg15597136	2	242,128,753	0.001241	-0.365	-0.244				<i>ANO7</i>	Body
cg20482334	17	80,048,531	0.000874	-0.365	-0.233				<i>FASN</i>	Body
cg07230486	7	11,012,873	1.03E-07	-0.365	-0.390				<i>PHF14</i>	TSS1500

cg06834698	11	7,961,985	2.88E-08	-0.365	-0.329				<i>OR10A3</i>	TSS1500
cg08297393	2	100,937,505	1.86E-18	-0.365	-0.356				<i>LONRF2</i>	Body
cg03761113	1	157,811,724	6.85E-07	-0.366	-0.354				<i>CD5L</i>	TSS200
cg13208054	17	25,936,354	0.004328	-0.366	-0.164				<i>KSR1</i>	Body
cg24626659	10	134,754,286	0.003755	-0.366	-0.338				<i>C10orf93</i>	Body
cg15456742	1	207,991,729	0.002493	-0.366	-0.227				<i>LOC148696</i>	Body
cg22242614	6	158,404,082	3.88E-15	-0.366	-0.379				<i>SYNJ2</i>	Body
cg22622425	17	80,037,106	0.00081	-0.366	-0.212				<i>FASN</i>	Body
cg02210934	14	105,511,982	2.14E-08	-0.367	-0.393					
cg24381587	1	158,736,312	3.71E-11	-0.367	-0.375				<i>OR6N1</i>	1stExon
cg26479667	5	3,339,581	0.023743	-0.367	-0.180					
cg01270241	14	97,673,030	2.38E-10	-0.367	-0.336					
cg00241002	10	26,931,912	2.3E-11	-0.367	-0.355				<i>LOC731789</i>	TSS200
cg17543218	4	77,508,108	2.3E-15	-0.367	-0.358				<i>SHROOM3</i>	Body
cg03151258	19	15,694,846	0.002911	-0.368	-0.242					
cg23044391	19	7,685,239	4.26E-47	-0.368	-0.372				<i>XAB2</i>	Body
cg23717441	3	117,999,270	4.41E-10	-0.368	-0.368					
cg19791043	16	1,116,361	2.21E-05	-0.368	-0.296				<i>LOC146336</i>	Body
cg16337457	17	76,989,680	2.7E-06	-0.368	-0.351				<i>CANT1</i>	Body
cg06128142	16	46,963,005	7.84E-07	-0.368	-0.367				<i>GPT2</i>	3'UTR
cg14202783	9	130,662,561	0.000367	-0.369	-0.341				<i>ST6GALNAC6</i>	TSS1500
cg15068800	10	135,190,706	5.11E-29	-0.369	-0.358					
cg22123915	1	86,047,807	6.49E-08	-0.369	-0.350				<i>CYR61</i>	Body
cg08003353	13	31,407,120	3.9E-27	-0.369	-0.361					
cg01692482	20	52,198,378	2.11E-06	-0.369	-0.423				<i>ZNF217</i>	1stExon
cg15852352	1	158,368,889	8.54E-06	-0.369	-0.346				<i>OR10T2</i>	1stExon
cg03441279	1	147,083,949	1.63E-19	-0.369	-0.367				<i>BCL9</i>	Body
cg27368068	3	13,515,754	3.6E-07	-0.370	-0.374					
cg11109027	1	207,991,720	0.000266	-0.370	-0.237				<i>LOC148696</i>	TSS200
cg04094178	1	4,195,569	1.74E-10	-0.370	-0.343					
cg12129480	1	158,549,410	1.52E-11	-0.370	-0.372				<i>OR10X1</i>	1stExon
cg07297322	16	74,661,825	9.55E-15	-0.370	-0.333				<i>RFWD3</i>	Body
cg08419657	11	123,894,395	2.53E-05	-0.370	-0.309				<i>OR10G9</i>	1stExon
cg22427208	12	128,073,115	0.000117	-0.370	-0.364					

cg19029445	17	907,732	3.51E-15	-0.370	-0.390				<i>ABR</i>	3'UTR
cg00079302	19	1,439,985	1.01E-17	-0.371	-0.380				<i>RPS15</i>	Body
cg11611448	2	127,453,782	1.48E-11	-0.371	-0.366				<i>GYPC</i>	3'UTR
cg13850654	9	88,651,476	5.01E-29	-0.371	-0.359				<i>GOLM1</i>	Body
cg26110281	11	123,885,695	1.69E-08	-0.371	-0.351				<i>OR10G4</i>	TSS1500
cg11969813	17	79,816,559	1.76E-30	-0.371	-0.361				<i>P4HB</i>	Body
cg03863756	21	46,859,983	1.57E-05	-0.371	-0.313				<i>COL18A1</i>	Body
cg00440032	12	127,257,679	0.000995	-0.372	-0.320					
cg05345448	14	105,688,412	0.000719	-0.372	-0.287				<i>BRF1</i>	Body
cg19928493	15	87,667,390	5.19E-05	-0.372	-0.319					
cg15791108	17	2,653,571	1.37E-15	-0.372	-0.354					
cg01612095	16	88,713,113	4.89E-07	-0.373	-0.316				<i>CYBA</i>	Body
cg19864468	2	113,346,566	1.14E-23	-0.373	-0.371				<i>CHCHD5</i>	3'UTR
cg02245566	1	158,670,617	4.27E-07	-0.374	-0.348				<i>OR6K2</i>	TSS200
cg12072262	10	129,379,353	0.003296	-0.374	-0.204					
cg00459509	12	128,642,467	0.000171	-0.374	-0.216					
cg16354452	12	131,766,931	0.000292	-0.374	-0.282					
cg22482278	17	80,289,631	2.1E-08	-0.374	-0.327				<i>SECTM1</i>	5'UTR
cg04923532	16	4,478,627	4.45E-06	-0.375	-0.258				<i>DNAJA3</i>	Body
cg24643381	12	43,941,378	3.47E-08	-0.375	-0.374				<i>ADAMTS20</i>	Body
cg05906144	10	125,521,535	0.013453	-0.375	-0.261				<i>CPXM2</i>	Body
cg27429313	10	131,514,331	1.13E-12	-0.375	-0.394				<i>MGMT</i>	Body
cg14640525	3	38,876,856	2.63E-10	-0.375	-0.376					
cg05157970	17	80,048,868	4.58E-06	-0.376	-0.301				<i>FASN</i>	Body
cg25078649	6	43,478,829	0.000844	-0.376	-0.284				<i>C6orf154</i>	TSS1500
cg22740796	10	132,461,281	0.041013	-0.376	-0.176					
cg24134504	18	76,639,479	8.38E-17	-0.376	-0.374					
cg13453847	5	5,034,274	4.86E-06	-0.376	-0.369				<i>LOC340094</i>	TSS200
cg01983548	2	234,764,133	1.82E-07	-0.376	-0.277				<i>HJURP</i>	TSS1500
cg03606098	1	1,690,840	1.34E-22	-0.377	-0.349				<i>NADK</i>	Body
cg09170112	12	132,102,188	0.019275	-0.377	-0.156					
cg14514991	1	158,737,820	6.98E-16	-0.377	-0.376				<i>OR6N1</i>	TSS1500
cg11538176	7	157,053,075	2.92E-09	-0.377	-0.328				<i>UBE3C</i>	Body
cg11068289	17	78,955,884	7.46E-08	-0.378	-0.320					



cg23668057	17	76,164,111	7.03E-07	-0.378	-0.273				<i>SYNGR2</i>	TSS1500
cg01857186	11	123,811,110	0.000462	-0.378	-0.304				<i>OR4D5</i>	1stExon
cg11751344	8	92,622,592	7.59E-09	-0.378	-0.393					
cg20149780	1	15,751,063	0.000135	-0.378	-0.234				<i>EFHD2</i>	Body
cg22612448	1	217,203,173	3.83E-15	-0.378	-0.378				<i>ESRRG</i>	5'UTR
cg20978923	1	12,184,574	3.75E-08	-0.379	-0.346				<i>TNFRSF8</i>	Body
cg09790780	16	7,482,013	2.68E-09	-0.379	-0.330				<i>A2BP1</i>	Body
cg08608780	8	89,434,982	4.61E-07	-0.379	-0.344					
cg22660420	10	135,190,372	4.99E-06	-0.379	-0.273					
cg18391955	19	51,303,514	7.2E-17	-0.379	-0.285				<i>SNORD88A</i>	TSS1500
cg06719334	16	7,501,308	0.000323	-0.380	-0.341				<i>A2BP1</i>	Body
cg26457700	17	80,289,541	2.81E-12	-0.380	-0.335				<i>SECTM1</i>	5'UTR
cg12280242	4	4,112,056	0.000422	-0.380	-0.195					
cg12620035	7	73,247,613	1E-05	-0.380	-0.447					
cg08758185	5	150,849,936	6.07E-18	-0.380	-0.357				<i>SLC36A1</i>	Body
cg10537708	10	134,843,768	1.74E-10	-0.380	-0.320					
cg15457037	20	62,562,848	0.002522	-0.381	-0.461				<i>DNAJC5</i>	Body
cg17124387	17	77,810,090	4.35E-13	-0.381	-0.358				<i>CBX4</i>	Body
cg03973705	16	24,174,850	6.09E-12	-0.382	-0.365				<i>PRKCB</i>	Body
cg23317499	12	130,591,397	0.000759	-0.383	-0.456					
cg08595616	8	142,283,416	6.08E-11	-0.383	-0.394					
cg22538757	12	34,755,126	2.99E-14	-0.383	-0.360					
cg24640577	1	246,939,216	4.22E-14	-0.383	-0.351					
cg04139007	8	124,776,493	3.52E-13	-0.384	-0.320					
cg02603518	20	61,717,939	2.23E-07	-0.384	-0.305					
cg23225637	17	76,989,965	3.71E-05	-0.384	-0.343				<i>CANT1</i>	Body
cg10201735	14	97,502,302	3.73E-10	-0.384	-0.400					
cg16998656	7	32,114,197	0.000221	-0.385	-0.357					
cg17227257	4	1,202,694	2.05E-14	-0.385	-0.353				<i>LOC100130872-SPON2</i>	TSS200
cg09580592	17	907,643	2.85E-25	-0.386	-0.399				<i>ABR</i>	3'UTR
cg12268236	1	3,329,292	0.000502	-0.386	-0.282				<i>PRDM16</i>	Body
cg20662737	5	4,941,328	0.001987	-0.386	-0.252					
cg15604615	X	150,866,552	1E-09	-0.386	-0.389				<i>PRRG3</i>	TSS1500
cg10400174	14	101,495,758	6.51E-07	-0.387	-0.411				<i>MIR494</i>	TSS1500

cg04813876	11	103,964,219	1.71E-06	-0.387	-0.338				<i>PDGFD</i>	Body
cg15112475	7	1,198,522	3.34E-25	-0.387	-0.335				<i>ZFAND2A</i>	5'UTR
cg27616109	17	34,093,677	2.24E-07	-0.388	-0.359				<i>MMP28</i>	Body
cg02560310	20	60,578,131	1.46E-21	-0.389	-0.403				<i>TAF4</i>	Body
cg26014409	1	158,324,471	1.74E-17	-0.389	-0.380				<i>CD1E</i>	Body
cg27338089	16	29,820,515	3.47E-21	-0.389	-0.391				<i>MAZ</i>	Body
cg10201191	1	3,163,472	1.8E-09	-0.389	-0.344				<i>PRDM16</i>	Body
cg02124524	16	85,655,007	5.95E-22	-0.390	-0.396				<i>KIAA0182</i>	5'UTR
cg02361803	1	2,014,371	2.13E-59	-0.390	-0.366				<i>PRKCZ</i>	Body
cg27456185	15	93,196,011	4.8E-10	-0.391	-0.404				<i>FAM174B</i>	Body
cg11950105	17	80,050,646	9.31E-05	-0.391	-0.313				<i>FASN</i>	Body
cg17838182	17	76,991,208	9.6E-05	-0.391	-0.342				<i>CANT1</i>	Body
cg22597771	X	151,336,548	1.83E-10	-0.391	-0.368				<i>GABRA3</i>	3'UTR
cg10216717	12	128,899,290	1.07E-07	-0.391	-0.381				<i>TMEM132C</i>	Body
cg21478921	2	242,617,935	3.06E-07	-0.391	-0.388				<i>DTYMK</i>	Body
cg05880897	X	151,129,555	1.8E-20	-0.391	-0.383				<i>GABRE</i>	Body
cg14686949	X	151,129,081	2.14E-11	-0.391	-0.386				<i>GABRE</i>	Body
cg12815916	2	131,114,432	4.1E-15	-0.392	-0.412	1.07E-25	-0.217		<i>PTPN18</i>	Body
cg14143580	20	29,960,982	1.17E-05	-0.392	-0.358				<i>DEFB118</i>	3'UTR
cg03207391	19	18,497,201	3.14E-56	-0.392	-0.373				<i>GDF15</i>	1stExon
cg10948698	12	127,226,034	3.49E-09	-0.392	-0.352					
cg08691323	5	54,826,683	4.45E-27	-0.392	-0.375				<i>PPAP2A</i>	Body
cg27137084	12	129,035,348	1.37E-08	-0.392	-0.388				<i>TMEM132C</i>	Body
cg12438155	1	4,223,893	9.61E-05	-0.393	-0.238					
cg25889581	4	16,708,336	1.13E-08	-0.393	-0.385				<i>LDB2</i>	Body
cg07073096	7	2,870,441	1.44E-25	-0.393	-0.374				<i>GNA12</i>	Body
cg04540442	12	34,445,809	9.25E-09	-0.395	-0.334					
cg17372657	7	1,216,933	1.76E-15	-0.395	-0.346					
cg14530143	11	122,179,528	5.16E-06	-0.395	-0.376					
cg10222925	8	88,885,186	2.6E-05	-0.395	-0.310				<i>DCAF4L2</i>	1stExon
cg06259406	17	80,051,518	1.42E-06	-0.396	-0.331				<i>FASN</i>	Body
cg10161194	19	3,983,180	8.24E-51	-0.396	-0.373				<i>EEF2</i>	Body
cg22775138	10	135,008,819	0.002899	-0.397	-0.249				<i>KNDC1</i>	Body
cg06355422	22	50,013,649	0.000136	-0.397	-0.260				<i>C22orf34</i>	Body

cg04033390	12	128,887,209	1.41E-06	-0.398	-0.365				<i>TMEM132C</i>	Body
cg05396584	17	80,049,347	0.001163	-0.398	-0.269				<i>FASN</i>	Body
cg02753511	11	69,468,378	3.59E-15	-0.398	-0.385				<i>CCND1</i>	3'UTR
cg08846245	6	33,169,606	2.35E-19	-0.398	-0.411				<i>SLC39A7</i>	Body
cg05162456	16	85,671,457	6.56E-41	-0.398	-0.389				<i>KIAA0182</i>	5'UTR
cg03936135	16	86,371,248	2.23E-07	-0.399	-0.380				<i>LOC732275</i>	Body
cg23910430	12	133,353,847	2.86E-13	-0.399	-0.355				<i>GOLGA3</i>	Body
cg09614389	20	25,450,839	0.001964	-0.399	-0.165				<i>NINL</i>	Body
cg13971140	19	8,276,488	5.55E-16	-0.399	-0.390				<i>LASS4</i>	5'UTR
cg20308663	13	100,523,121	6.33E-07	-0.400	-0.360			Yes	<i>CLYBL</i>	Body
cg01252526	16	711,033	1.84E-10	-0.400	-0.392				<i>WDR90</i>	Body
cg05120716	16	23,881,993	8.89E-08	-0.401	-0.415				<i>PRKCB</i>	Body
cg13316148	2	191,916,269	1.48E-11	-0.401	-0.358				<i>STAT4</i>	Body
cg06467636	X	150,905,602	1.77E-05	-0.402	-0.374				<i>CNGA2</i>	5'UTR
cg07196514	1	158,984,321	2.64E-14	-0.402	-0.405				<i>IFI16</i>	5'UTR
cg05910415	19	46,733,041	3.84E-21	-0.402	-0.374				<i>IGFL1</i>	1stExon
cg16486327	16	85,671,191	8.41E-32	-0.402	-0.382				<i>KIAA0182</i>	5'UTR
cg23960088	5	34,006,894	0.00259	-0.403	-0.316				<i>AMACR</i>	Body
cg21641834	6	5,068,684	8.48E-23	-0.404	-0.377					
cg07070466	X	89,176,658	0.000106	-0.404	-0.353				<i>TGIF2LX</i>	TSS1500
cg05699035	1	215,259,771	0.019108	-0.404	-0.262				<i>KCNK2</i>	Body
cg05758978	7	44,614,305	3.39E-20	-0.404	-0.410				<i>DDX56</i>	TSS200
cg16205389	2	239,079,215	3.45E-11	-0.405	-0.368				<i>ILKAP</i>	Body
cg24361265	15	44,068,668	0.001152	-0.406	-0.430				<i>ELL3</i>	Body
cg00014152	X	48,457,128	0.007627	-0.406	-0.244				<i>WDR13</i>	Body
cg23821359	13	112,903,015	1.92E-11	-0.407	-0.353					
cg03380809	16	5,845,458	0.006702	-0.408	-0.330					
cg16678111	1	2,918,724	0.001701	-0.409	-0.250					
cg01267270	5	125,935,359	1.69E-24	-0.409	-0.389				<i>PHAX</i>	TSS1500
cg01915283	22	39,711,362	5.25E-06	-0.409	-0.307				<i>SNORD83A</i>	TSS200
cg05492975	20	60,119,508	1.76E-10	-0.410	-0.410				<i>CDH4</i>	Body
cg18032812	7	56,951,337	1.13E-09	-0.410	-0.394					
cg21881184	19	1,993,022	1.09E-10	-0.410	-0.403				<i>BTBD2</i>	Body
cg23265009	7	97,844,947	2.41E-17	-0.410	-0.363					

cg21885251	8	64,314,339	0.000117	-0.410	-0.322					
cg26023960	14	105,242,373	0.000008	-0.413	-0.328				<i>AKT1</i>	Body
cg14179575	18	13,826,399	8.98E-27	-0.414	-0.386				<i>MC5R</i>	1stExon
cg06906087	17	80,053,205	8.6E-39	-0.414	-0.412				<i>FASN</i>	Body
cg22687077	17	76,993,374	6.17E-19	-0.414	-0.404				<i>CANT1</i>	Body
cg05116443	20	62,562,680	5.03E-07	-0.415	-0.449				<i>DNAJC5</i>	Body
cg14696870	1	159,258,877	9.45E-12	-0.416	-0.428	5.49E-12	-0.230		<i>FCER1A</i>	TSS1500
cg26603632	17	80,201,887	0.000195	-0.416	-0.373					
cg24441810	2	120,436,039	8.73E-05	-0.417	-0.515				<i>TMEM177</i>	TSS1500
cg26024424	12	34,552,411	3.35E-10	-0.418	-0.425			Yes		
cg25644015	6	31,848,099	1.83E-20	-0.419	-0.411				<i>EHMT2</i>	Body
cg12107530	10	133,806,858	2.81E-05	-0.420	-0.525					
cg09267458	8	47,015,425	0.002978	-0.420	-0.291			Yes		
cg06119201	2	116,152,853	0.000198	-0.421	-0.306				<i>DPP10</i>	Body
cg04004158	16	1,152,474	7.9E-13	-0.422	-0.424					
cg27224069	17	32,612,799	0.00013	-0.422	-0.321				<i>CCL11</i>	1stExon
cg20623506	17	79,813,410	2.82E-07	-0.423	-0.328				<i>P4HB</i>	Body
cg05152432	1	1,689,887	5.85E-15	-0.425	-0.354				<i>NADK</i>	Body
cg20592144	17	80,049,216	0.000458	-0.425	-0.309				<i>FASN</i>	Body
cg26824516	15	101,419,293	0.000679	-0.425	-0.337				<i>ALDH1A3</i>	TSS1500
cg09480190	16	85,671,771	1.39E-27	-0.426	-0.414				<i>KIAA0182</i>	5'UTR
cg04052038	21	31,588,123	1.36E-23	-0.426	-0.429	1.93E-18	-0.291		<i>CLDN8</i>	1stExon
cg20724168	12	130,591,337	4.86E-14	-0.426	-0.374					
cg13215579	14	25,900,545	5.76E-05	-0.426	-0.258					
cg05294497	4	1,342,808	8.54E-06	-0.427	-0.476				<i>KIAA1530</i>	Body
cg13747275	19	1,992,952	9.25E-08	-0.428	-0.396				<i>BTBD2</i>	Body
cg08482501	20	5,282,952	1.62E-11	-0.431	-0.379				<i>PROKR2</i>	Body
cg25052374	17	76,991,253	1.47E-05	-0.432	-0.425				<i>CANT1</i>	Body
cg04086239	16	24,067,174	7.16E-10	-0.432	-0.436				<i>PRKCB</i>	Body
cg08424446	12	133,381,374	1.69E-07	-0.434	-0.388				<i>GOLGA3</i>	Body
cg03935060	16	10,272,021	1.12E-14	-0.434	-0.399				<i>GRIN2A</i>	Body
cg17362483	4	177,420,127	9.18E-11	-0.436	-0.461					
cg18812904	18	77,609,087	1.04E-09	-0.437	-0.396					
cg03475293	6	7,051,303	0.003782	-0.439	-0.342					

cg20134541	11	67,210,130	6.77E-54	-0.439	-0.425				<i>CORO1B</i>	5'UTR
cg26626251	11	132,948,177	8.97E-07	-0.440	-0.367				<i>OPCML</i>	Body
cg11600186	6	32,945,273	3.74E-15	-0.440	-0.485				<i>BRD2</i>	Body
cg02080909	17	79,058,333	5.24E-13	-0.440	-0.329				<i>BAIAP2</i>	Body
cg13934015	9	116,812,263	4.38E-17	-0.442	-0.405				<i>ZNF618</i>	Body
cg00178984	12	60,091,171	0.021612	-0.443	-0.218				<i>SLC16A7</i>	5'UTR
cg16086130	15	101,419,275	0.000635	-0.445	-0.342				<i>ALDH1A3</i>	TSS1500
cg06865363	12	130,591,369	3.31E-09	-0.446	-0.418					
cg01077058	2	241,083,864	1.31E-10	-0.446	-0.411					
cg07471018	4	46,911,550	0.002864	-0.452	-0.318				<i>COX7B2</i>	TSS1500
cg03779973	4	151,001,971	0.000136	-0.454	-0.446				<i>DCLK2</i>	Body
cg14211055	21	47,704,251	1.75E-20	-0.456	-0.426				<i>MCM3AP</i>	1stExon
cg12008047	19	18,497,143	1.66E-27	-0.457	-0.433				<i>GDF15</i>	1stExon
cg26876834	16	2,013,573	6.94E-25	-0.457	-0.460				<i>SNHG9</i>	TSS1500
cg04904276	16	11,835,562	8.9E-25	-0.458	-0.460				<i>TXNDC11</i>	Body
cg06741896	11	69,468,337	1.23E-10	-0.458	-0.428				<i>CCND1</i>	3'UTR
cg17854981	7	100,274,472	1.44E-11	-0.461	-0.396				<i>GNB2</i>	Body
cg20446334	17	79,010,458	7.25E-14	-0.462	-0.433				<i>BAIAP2</i>	Body
cg14646111	20	18,489,660	0.000103	-0.463	-0.332				<i>SEC23B</i>	5'UTR
cg09591519	6	33,241,770	3.53E-43	-0.463	-0.449				<i>RPS18</i>	Body
cg16515500	18	13,826,508	6.23E-18	-0.464	-0.443				<i>MC5R</i>	1stExon
cg09424006	16	5,657,230	0.002705	-0.468	-0.335					
cg15721142	12	133,354,410	3.67E-12	-0.469	-0.423				<i>GOLGA3</i>	Body
cg25590114	11	1,661,201	6.35E-08	-0.472	-0.372				<i>HCCA2</i>	Body
cg21464492	2	1,691,062	2.39E-34	-0.478	-0.471				<i>PXDN</i>	Body
cg16709294	14	70,235,567	0.001149	-0.481	-0.516				<i>SFRS5</i>	Body
cg14671764	2	1,690,592	1.43E-30	-0.486	-0.476				<i>PXDN</i>	Body
cg26522368	19	49,703,932	3.02E-95	-0.488	-0.472				<i>TRPM4</i>	Body
cg17435901	6	33,169,600	5.15E-22	-0.495	-0.484				<i>SLC39A7</i>	Body
cg14527262	4	1,202,653	7.25E-08	-0.496	-0.395				<i>LOC100130872-SPON2</i>	TSS200
cg04228083	4	1,202,657	3.15E-12	-0.499	-0.422		Yes		<i>LOC100130872-SPON2</i>	TSS200
cg08465307	1	3,827,081	1.83E-23	-0.500	-0.504				<i>LOC100133612</i>	Body
cg23911097	17	76,991,378	3.26E-07	-0.503	-0.500				<i>CANT1</i>	Body
cg00177787	10	3,330,480	5.08E-14	-0.506	-0.441					

cg27020349	6	144,643,175	6.25E-16	-0.529	-0.511				<i>UTRN</i>	Body
cg00186815	8	1,048,135	8.03E-12	-0.531	-0.572					
cg00902147	17	76,993,394	2.26E-20	-0.536	-0.526				<i>CANT1</i>	Body
cg26864905	6	137,366,369	2.12E-15	-0.536	-0.484				<i>IL20RA</i>	TSS200
cg24090529	7	97,844,910	8.52E-18	-0.546	-0.473					
cg22714290	1	207,992,548	2.68E-18	-0.576	-0.542				<i>LOC148696</i>	Body
cg04194055	17	77,953,088	4.56E-19	-0.680	-0.673				<i>TBC1D16</i>	Body
cg14193007	17	77,953,016	5.35E-19	-0.694	-0.696				<i>TBC1D16</i>	Body

\*Methylation difference between PCa and normal (Tumor - Normal).

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