

Supplementary table 3: cis-mQTLs significant (FDR < 5%)

Linear Regression			SNP						CpG Methylation				
Beta	Categ	p.value	Name	Gene	Chr	Position	Call rate	maf	Name	Gene	Chr	Map Info	CpG-cat
-1.02	neg	3.27E-05	rs1342570	IGSF21	1	18443992	1.00	0.38	cg13507429	KLHDC7A	1	18807550	Outside_CpG_isl_shore
-1.05	neg	4.20E-05	rs7529294	-	1	19393150	0.95	0.49	cg14356550	KLHDC7A	1	18808102	CpG_shore
-1.05	neg	4.99E-05	rs12727433	-	1	19394724	0.95	0.49	cg14356550	KLHDC7A	1	18808102	CpG_shore
-1.41	neg	6.05E-05	rs11573219	PLA2G5	1	20402767	0.98	0.44	cg04637372	FLJ32784	1	20617456	CpG_shore
-1.44	neg	3.58E-05	rs4655148	PLA2G5	1	20402793	0.97	0.47	cg04637372	FLJ32784	1	20617456	CpG_shore
-1.50	neg	6.82E-05	rs17450586	EIF4G3	1	21254593	0.94	0.40	cg26557658	FAM43B	1	20878787	CpG_island
-1.46	neg	1.02E-04	rs12021529	EIF4G3	1	21306161	0.97	0.41	cg26557658	FAM43B	1	20878787	CpG_island
-1.45	neg	8.24E-05	rs12567861	EIF4G3	1	21395133	0.97	0.40	cg26557658	FAM43B	1	20878787	CpG_island
-1.48	neg	6.53E-05	rs10753514	EIF4G3	1	21492531	0.97	0.41	cg26557658	FAM43B	1	20878787	CpG_island
0.52	pos	1.56E-05	rs443523	-	1	25403783	0.95	0.27	cg21257635	SYF2	1	25558918	CpG_island
0.92	pos	2.29E-05	rs11247946	-	1	26719115	1.00	0.34	cg23323671	STMN1	1	26233623	CpG_island
1.25	pos	1.18E-05	rs11247946	-	1	26719115	1.00	0.34	cg03421300	SFN	1	27189787	CpG_island
1.13	pos	3.22E-05	rs11247946	-	1	26719115	1.00	0.34	cg21921474	C1orf172	1	27287181	CpG_island

0.88	pos	4.53E-06	rs11247946	-	1	26719115	1.00	0.34	cg19125999	C1orf172	1	27287282	CpG_shore
0.73	pos	6.48E-05	rs12722898	-	1	26721287	1.00	0.41	cg15166089	CD164L2	1	27710030	CpG_island
-0.74	neg	6.73E-05	rs2783982	C1orf94	1	34658231	1.00	0.11	cg15554401	GJB4	1	35226891	CpG_island
0.70	pos	7.31E-05	rs7531479	-	1	37129587	1.00	0.36	cg07285167	CSF3R	1	36948981	CpG_shore
0.50	pos	1.07E-04	rs10908350	-	1	37902331	0.95	0.37	cg05045781	FHL3	1	38471474	CpG_island
0.68	pos	1.03E-04	rs12083795	-	1	38623285	1.00	0.08	cg12696750	DNALI1	1	38022466	CpG_island
-0.79	neg	8.91E-05	rs3013462	-	1	40827598	1.00	0.42	cg06154570	HEYL	1	40105764	CpG_island
-0.78	neg	7.31E-05	rs3013461	-	1	40828843	0.98	0.42	cg06154570	HEYL	1	40105764	CpG_island
0.88	pos	9.47E-05	rs17372321	HIVEP3	1	42073070	0.97	0.06	cg13199589	FAM80A	1	42845990	CpG_island
-1.54	neg	2.50E-05	rs2786486	HIVEP3	1	42370147	1.00	0.09	cg00410895	CCDC23	1	43283884	CpG_shore
-0.85	neg	2.73E-06	rs534534	AKR1A1	1	46024701	0.98	0.43	cg16907488	CCDC17	1	46090169	CpG_shore
-0.46	neg	6.66E-05	rs3014242	CCDC17	1	46087577	0.97	0.28	cg08032971	DMBX1	1	46972736	CpG_shore
-0.46	neg	5.42E-05	rs3014239	CCDC17	1	46089801	0.98	0.29	cg08032971	DMBX1	1	46972736	CpG_shore
-0.46	neg	7.75E-05	rs12024590	-	1	46127496	0.95	0.28	cg08032971	DMBX1	1	46972736	CpG_shore
-0.50	neg	2.91E-05	rs28817701	IPP	1	46186050	0.97	0.27	cg08032971	DMBX1	1	46972736	CpG_shore
-0.46	neg	6.31E-05	rs28890893	IPP	1	46186576	0.97	0.28	cg08032971	DMBX1	1	46972736	CpG_shore

-0.44	neg	9.47E-05	rs6672115	MAST2	1	46272879	0.97	0.30	cg08032971	DMBX1	1	46972736	CpG_shore
-0.95	neg	1.89E-05	rs12141934	MAST2	1	46353332	1.00	0.21	cg21942576	GPBP1L1	1	46126885	Outside_CpG_isl_shore
-0.49	neg	1.04E-04	rs12141934	MAST2	1	46353332	1.00	0.21	cg08032971	DMBX1	1	46972736	CpG_shore
-0.45	neg	9.77E-05	rs1707302	LOC100133124	1	46600917	0.98	0.32	cg08032971	DMBX1	1	46972736	CpG_shore
3.43	pos	4.05E-08	rs6656330	-	1	48029727	1.00	0.09	cg18815943	FOXE3	1	47882314	CpG_island
2.34	pos	9.93E-05	rs2457067	-	1	48034250	1.00	0.12	cg18815943	FOXE3	1	47882314	CpG_island
-0.43	neg	8.37E-05	rs300277	ACOT11	1	55035395	1.00	0.48	cg13262752	YIPF1	1	54355695	CpG_island
1.13	pos	1.04E-04	rs9887913	-	1	55462380	1.00	0.07	cg13191808	PCSK9	1	55505327	CpG_island
1.01	pos	1.07E-04	rs10493220	DAB1	1	57858457	1.00	0.07	cg06836772	PRKAA2	1	57110403	CpG_island
0.75	pos	5.85E-05	rs6695900	-	1	64862973	1.00	0.26	cg20876010	CACHD1	1	64971752	CpG_island
1.34	pos	4.43E-05	rs12069862	LOC100133029	1	68491995	1.00	0.12	cg13697378	DIRAS3	1	68512845	CpG_island
-0.78	neg	8.52E-05	rs2566760	LOC100133029	1	68581702	0.98	0.38	cg26764244	GNG12	1	68299511	CpG_island
0.60	pos	8.89E-05	rs10889879	-	1	70986547	0.97	0.35	cg06567342	ZNF265	1	71546685	CpG_island
0.79	pos	7.50E-06	rs7541732	-	1	114813581	1.00	0.08	cg08166982	CSDE1	1	115300440	CpG_island
0.53	pos	4.03E-05	rs11264298	DCST1	1	155009258	1.00	0.29	cg09311052	UBE2Q1	1	154531418	CpG_island
0.39	pos	3.14E-05	rs11264298	DCST1	1	155009258	1.00	0.29	cg08250444	EFNA1	1	155100078	CpG_island

1.24	pos	7.14E-05	rs2644623	PEAR1	1	156862126	0.97	0.07	cg22377142	C1orf85	1	156265275	Outside_CpG_isl_shore
-0.64	neg	1.03E-04	rs11265187	-	1	159378594	1.00	0.09	cg19250891	ATP1A4	1	160121412	CpG_shore
-0.71	neg	3.98E-05	rs12022043	-	1	159538241	0.98	0.08	cg19250891	ATP1A4	1	160121412	CpG_shore
-2.00	neg	3.47E-05	rs10158752	SLAMF8	1	159801074	0.97	0.16	cg20066612	KCNJ9	1	160050948	Outside_CpG_isl_shore
-1.39	neg	7.33E-05	rs4656852	SLAMF8	1	159804653	0.98	0.18	cg25076881	OR10J1	1	159409836	CpG_shore
-1.35	neg	9.24E-05	rs4656852	SLAMF8	1	159804653	0.98	0.18	cg19111262	IGSF9	1	159916126	CpG_shore
-2.04	neg	6.87E-06	rs4656852	SLAMF8	1	159804653	0.98	0.18	cg20066612	KCNJ9	1	160050948	Outside_CpG_isl_shore
-1.25	neg	5.69E-05	rs4656852	SLAMF8	1	159804653	0.98	0.18	cg11721194	SLAMF7	1	160709239	CpG_shore
-1.65	neg	2.62E-05	rs7418910	SLAMF8	1	159805731	0.90	0.13	cg19111262	IGSF9	1	159916126	CpG_shore
-2.29	neg	7.03E-06	rs7418910	SLAMF8	1	159805731	0.90	0.13	cg20066612	KCNJ9	1	160050948	Outside_CpG_isl_shore
0.61	pos	8.94E-05	rs869985	F11R	1	160969930	0.94	0.20	cg26591879	ATF6	1	161736013	CpG_island
-1.02	neg	5.00E-05	rs4078109	PCP4L1	1	161229651	0.98	0.46	cg27433062	APOA2	1	161194369	CpG_shore
1.25	pos	1.11E-05	rs7528465	-	1	162578873	0.98	0.06	cg26591879	ATF6	1	161736013	CpG_island
-1.49	neg	5.97E-05	rs714839	FMO4	1	171298940	0.97	0.33	cg25778166	FMO3	1	171059935	Outside_CpG_isl_shore
0.95	pos	1.06E-04	rs2421809	-	1	171371998	1.00	0.34	cg14721213	FMO2	1	171154612	Outside_CpG_isl_shore
0.64	pos	7.09E-05	rs3131325	-	1	177723089	0.90	0.43	cg10559803	RALGPS2	1	178693897	CpG_island

0.65	pos	2.75E-05	rs3131328	-	1	177727201	0.94	0.45	cg10559803	RALGPS2	1	178693897	CpG_island
-0.85	neg	3.61E-05	rs4652324	RALGPS2	1	178753162	0.87	0.35	cg07044282	ANGPTL1	1	178840137	Outside_CpG_isl_shore
-0.83	neg	6.77E-05	rs12119236	RALGPS2	1	178802989	0.85	0.36	cg07044282	ANGPTL1	1	178840137	Outside_CpG_isl_shore
-0.84	neg	2.83E-05	rs3753534	RALGPS2	1	178858759	0.89	0.35	cg07044282	ANGPTL1	1	178840137	Outside_CpG_isl_shore
0.47	pos	5.45E-05	rs6427847	-	1	200669180	0.95	0.43	cg22815214	CACNA1S	1	201083145	CpG_shore
0.57	pos	3.26E-05	rs7520287	CAMSAP1L1	1	200750576	0.97	0.34	cg17733100	C1orf106	1	200860363	CpG_island
0.57	pos	4.33E-05	rs10753881	CAMSAP1L1	1	200765313	0.95	0.34	cg17733100	C1orf106	1	200860363	CpG_island
0.53	pos	9.87E-05	rs10920046	CAMSAP1L1	1	200809228	1.00	0.34	cg17733100	C1orf106	1	200860363	CpG_island
0.57	pos	6.08E-05	rs6427861	-	1	200834112	0.92	0.33	cg17733100	C1orf106	1	200860363	CpG_island
0.61	pos	3.36E-05	rs3753955	-	1	200857774	0.97	0.24	cg17733100	C1orf106	1	200860363	CpG_island
1.30	pos	4.80E-05	rs3753955	-	1	200857774	0.97	0.24	cg09009380	PKP1	1	201252974	CpG_island
0.85	pos	3.58E-05	rs11585579	LGR6	1	202203758	1.00	0.43	cg18330203	TNNT2	1	201346647	Outside_CpG_isl_shore
1.07	pos	6.10E-05	rs12143020	SLC26A9	1	205897408	0.98	0.06	cg05290904	RBBP5	1	205091401	CpG_island
0.54	pos	6.90E-05	rs11119439	-	1	210381257	1.00	0.27	cg09276883	HHAT	1	210501966	CpG_island
0.57	pos	2.37E-05	rs12125619	-	1	210387562	0.98	0.36	cg09276883	HHAT	1	210501966	CpG_island
-0.43	neg	1.04E-04	rs2813702	ESRRG	1	216913500	1.00	0.40	cg07411229	LOC128153	1	217804382	CpG_island

1.24	pos	6.93E-05	rs796486	-	1	220885612	0.95	0.13	cg23054437	MOSC2	1	220921306	CpG_island
0.78	pos	1.46E-05	rs12120173	-	1	229135031	0.92	0.26	cg15589354	KIAA0133	1	229760606	Outside_CpG_isl_shore
-1.48	neg	6.29E-05	rs12047385	-	1	231445207	1.00	0.11	cg22647018	AGT	1	230849519	Outside_CpG_isl_shore
0.22	pos	9.94E-05	rs821722	DISC1	1	232036030	0.97	0.45	cg16616325	TSNAX	1	231664276	CpG_island
2.78	pos	1.02E-04	rs13374732	GPR137B	1	236336829	1.00	0.05	cg16240480	EDARADD	1	236557473	Outside_CpG_isl_shore
-2.04	neg	3.06E-05	rs7560247	MYT1L	2	1883389	1.00	0.10	cg16016036	TPO	2	1417109	CpG_island
1.55	pos	6.30E-06	rs16856278	-	2	10616447	1.00	0.05	cg12320676	E2F6	2	11605714	CpG_island
-1.25	neg	7.47E-05	rs2540275	-	2	10667749	1.00	0.10	cg18854045	FLJ33534	2	11271359	Outside_CpG_isl_shore
0.96	pos	2.50E-05	rs10495754	DTNB	2	25728287	1.00	0.09	cg24418574	HADHB	2	26466479	Outside_CpG_isl_shore
1.77	pos	6.23E-05	rs10865456	MAPRE3	2	27246285	1.00	0.08	cg26900154	OTOF	2	26781731	CpG_shore
1.32	pos	1.24E-05	rs10865456	MAPRE3	2	27246285	1.00	0.08	cg21360828	CENPA	2	27008380	CpG_island
0.97	pos	3.01E-06	rs6723731	-	2	30259377	0.98	0.26	cg18277754	ALK	2	30144152	CpG_island
1.08	pos	9.03E-05	rs2160777	-	2	40788127	1.00	0.20	cg21553524	MGC33926	2	39893185	CpG_island
0.67	pos	6.64E-06	rs7568590	-	2	47502757	1.00	0.28	cg19536127	CALM2	2	47404286	CpG_island
-0.75	neg	6.87E-05	rs1483340	-	2	67467361	0.98	0.28	cg09750083	ETAA16	2	67624289	CpG_island
-0.36	neg	2.06E-05	rs11123861	-	2	98309882	1.00	0.46	cg13744304	UNC50	2	99224764	CpG_island

-0.36	neg	1.99E-05	rs1463174	-	2	98320186	0.98	0.46	cg13744304	UNC50	2	99224764	CpG_island
-0.99	neg	6.88E-05	rs12712142	IL1RL1	2	102960584	0.90	0.45	cg11916609	IL1RL1	2	102927488	CpG_shore
-0.98	neg	8.92E-05	rs12998521	-	2	102974417	0.98	0.46	cg11916609	IL1RL1	2	102927488	CpG_shore
-1.00	neg	9.73E-05	rs7599210	-	2	128164177	0.89	0.32	cg15869022	GPR17	2	128404486	CpG_island
-1.05	neg	2.46E-05	rs7599210	-	2	128164177	0.89	0.32	cg16944093	LIMS2	2	128422120	CpG_island
-1.37	neg	9.24E-05	rs7599210	-	2	128164177	0.89	0.32	cg15781838	LIMS2	2	128422717	CpG_shore
-1.03	neg	7.09E-05	rs6753288	-	2	128169899	0.98	0.32	cg15869022	GPR17	2	128404486	CpG_island
1.58	pos	8.77E-05	rs12052294	-	2	132433268	0.95	0.28	cg11469778	ARHGEF4	2	131674201	CpG_island
-1.67	neg	3.01E-05	rs7585022	C2orf27	2	132497214	1.00	0.24	cg11469778	ARHGEF4	2	131674201	CpG_island
-1.63	neg	5.04E-05	rs13033319	-	2	132560272	1.00	0.23	cg11469778	ARHGEF4	2	131674201	CpG_island
-1.72	neg	2.69E-05	rs13414484	LOC100129663	2	132580131	0.97	0.24	cg11469778	ARHGEF4	2	131674201	CpG_island
0.55	pos	1.06E-04	rs16828194	-	2	151311055	0.98	0.20	cg06191203	RIF1	2	152266755	CpG_island
1.39	pos	3.82E-05	rs268228	ATP5G3	2	176046415	1.00	0.26	cg03874199	HOXD12	2	176964456	CpG_island
1.44	pos	5.36E-05	rs268230	ATP5G3	2	176046862	1.00	0.25	cg03874199	HOXD12	2	176964456	CpG_island
-1.42	neg	5.41E-05	rs2034282	-	2	176733910	0.98	0.46	cg00767581	HOXD4	2	177015125	CpG_island
-0.92	neg	9.76E-05	rs4853643	-	2	192691770	0.98	0.16	cg24331079	STAT4	2	192016205	CpG_shore

-0.48	neg	6.80E-05	rs6436131	DNAJB2	2	220151858	0.94	0.36	cg04587910	XLF	2	220025744	CpG_island
1.61	pos	9.47E-05	rs7558755	INPP5D	2	233924009	0.97	0.10	cg12118465	EFHD1	2	233497649	CpG_island
-1.43	neg	4.30E-05	rs17854828	UGT1A8-10	2	234545861	0.94	0.06	cg10432859	UGT1A7	2	234590590	CpG_shore
-1.34	neg	4.01E-06	rs6706988	UGT1A10	2	234573623	0.98	0.09	cg10432859	UGT1A7	2	234590590	CpG_shore
0.58	pos	4.55E-05	rs1395835	-	2	234938888	0.90	0.46	cg00539322	SAG	2	234216360	Outside_CpG_isl_shore
2.11	pos	9.87E-05	rs6743014	LOC727890	2	235350736	0.95	0.10	cg15746445	TRPM8	2	234824933	Outside_CpG_isl_shore
2.67	pos	8.61E-05	rs6743014	LOC727890	2	235350736	0.95	0.10	cg21137417	SPP2	2	234959456	Outside_CpG_isl_shore
-0.60	neg	6.07E-05	rs2975785	GPR35	2	241569329	0.87	0.47	cg03600687	BOK	2	242499012	CpG_island
1.19	pos	9.71E-05	rs17013524	CNTN4	3	2423127	0.98	0.07	cg01892727	CRBN	3	3221728	CpG_island
0.96	pos	1.43E-05	rs4685595	CNTN4	3	3075522	0.98	0.33	cg10159529	IL5RA	3	3152530	CpG_shore
0.60	pos	8.36E-05	rs369032	RAD18	3	8939203	0.97	0.43	cg08935301	LMCD1	3	8543732	CpG_island
0.42	pos	8.20E-05	rs2111751	-	3	10519680	0.97	0.39	cg10829427	RPUSD3	3	9885775	CpG_island
0.89	pos	8.66E-05	rs9873870	-	3	10539482	0.95	0.35	cg27345946	TADA3L	3	9835511	CpG_shore
1.35	pos	2.93E-05	rs33483	-	3	42417576	0.98	0.37	cg24877842	TRAK1	3	42201898	CpG_shore
1.37	pos	1.77E-05	rs33484	-	3	42417887	0.97	0.43	cg24877842	TRAK1	3	42201898	CpG_shore
0.78	pos	1.54E-05	rs33484	-	3	42417887	0.97	0.43	cg04008913	SNRK	3	43327465	Outside_CpG_isl_shore

-1.39	neg	1.05E-04	rs11718659	-	3	42428487	0.98	0.37	cg24877842	TRAK1	3	42201898	CpG_shore
1.89	pos	9.10E-06	rs6791989	-	3	45613681	1.00	0.05	cg17527798	LTF	3	46506404	CpG_island
0.82	pos	2.22E-06	rs739983	-	3	50178011	0.98	0.31	cg14634738	RBM5	3	50126100	CpG_island
1.04	pos	3.98E-05	rs739983	-	3	50178011	0.98	0.31	cg22037648	SEMA3B	3	50311009	CpG_island
1.72	pos	5.64E-06	rs6789236	CACNA2D3	3	54486790	1.00	0.05	cg27239921	CACNA1D	3	53527994	CpG_island
0.96	pos	7.61E-05	rs7635729	-	3	57971637	0.97	0.08	cg01819572	IL17RD	3	57204530	CpG_island
1.16	pos	1.79E-05	rs13092880	FLNB	3	58149417	1.00	0.05	cg01819572	IL17RD	3	57204530	CpG_island
0.93	pos	6.69E-06	rs828588	-	3	98433611	0.98	0.21	cg25160554	ARL6	3	97483242	CpG_island
0.26	pos	4.80E-05	rs3738000	NEK11	3	130947435	0.98	0.28	cg04167054	ATP2C1	3	130613906	CpG_shore
-0.79	neg	9.39E-05	rs7641330	-	3	142305638	0.98	0.40	cg24278076	PLS1	3	142340931	Outside_CpG_isl_shore
1.72	pos	4.13E-05	rs4681171	-	3	149058025	0.98	0.06	cg18759346	COMMD2	3	149470375	CpG_island
1.95	pos	4.82E-05	rs12490947	-	3	157727097	0.98	0.08	cg17191178	SHOX2	3	157824217	CpG_island
0.61	pos	6.44E-05	rs9838146	IQCG	3	197625196	0.97	0.10	cg11787839	IQCG	3	197687728	CpG_island
-0.26	neg	3.90E-05	rs4864569	-	4	56964544	0.98	0.34	cg03289369	AASDH	4	57253815	CpG_island
-0.80	neg	6.45E-05	rs3775071	G3BP2	4	76593147	0.98	0.39	cg27417997	SHRM	4	77356416	CpG_shore
-0.68	neg	5.37E-05	rs4267808	COL25A1	4	110008292	1.00	0.21	cg24818418	EGF	4	110834590	CpG_shore

2.54	pos	9.89E-05	rs7670831	TMEM154	4	153588026	1.00	0.07	cg12793610	TRIM2	4	154125637	CpG_shore
-0.33	neg	6.74E-05	rs4131480	FNIP2	4	159737112	0.98	0.43	cg25841987	C4orf18	4	159093841	Outside_CpG_isl_shore
-0.33	neg	7.95E-05	rs2347078	FNIP2	4	159753922	0.97	0.43	cg25841987	C4orf18	4	159093841	Outside_CpG_isl_shore
-0.70	neg	2.07E-05	rs7694456	SORBS2	4	186764476	0.95	0.21	cg06521761	LRP2BP	4	186299612	Outside_CpG_isl_shore
0.38	pos	1.01E-04	rs10039101	-	5	9689026	1.00	0.25	cg25484373	CCT5	5	10250304	CpG_island
1.15	pos	2.09E-05	rs11133635	-	5	10964557	0.95	0.21	cg25302419	CTNND2	5	11904015	CpG_island
-1.17	neg	7.88E-05	rs173090	-	5	13954951	1.00	0.32	cg14880800	DNAH5	5	13945990	CpG_shore
-1.87	neg	9.17E-05	rs11956267	-	5	27154889	0.98	0.19	cg12864235	CDH9	5	27038782	CpG_shore
1.58	pos	1.06E-05	rs16903936	EGFLAM	5	38322975	1.00	0.15	cg26475085	OSMR	5	38845600	CpG_island
1.53	pos	2.28E-05	rs17339367	EGFLAM	5	38338761	1.00	0.15	cg26475085	OSMR	5	38845600	CpG_island
1.46	pos	5.30E-05	rs12518553	EGFLAM	5	38356487	1.00	0.16	cg26475085	OSMR	5	38845600	CpG_island
-1.72	neg	7.21E-05	rs66682	CMYA5	5	79093260	0.98	0.49	cg19184518	UNQ9217	5	79783902	CpG_island
0.35	pos	7.25E-05	rs4704624	SERINC5	5	79480620	0.94	0.49	cg19184518	UNQ9217	5	79783902	CpG_island
0.37	pos	1.66E-05	rs4704635	SERINC5	5	79497333	0.94	0.48	cg19184518	UNQ9217	5	79783902	CpG_island
-0.81	neg	6.23E-05	rs6879497	RASGRF2	5	80300524	0.95	0.28	cg22979433	CKMT2	5	80528609	Outside_CpG_isl_shore
1.23	pos	5.48E-05	rs9686134	-	5	128787411	1.00	0.17	cg13701109	ADAMTS19	5	128795472	CpG_island

1.35	pos	1.54E-05	rs7733098	ADAMTS19	5	128806861	0.98	0.26	cg13701109	ADAMTS19	5	128795472	CpG_island
1.36	pos	1.45E-05	rs1862164	ADAMTS19	5	128813527	0.97	0.26	cg13701109	ADAMTS19	5	128795472	CpG_island
-1.15	neg	5.11E-05	rs10053519	-	5	129149447	0.98	0.42	cg13701109	ADAMTS19	5	128795472	CpG_island
-0.94	neg	7.97E-05	rs2243250	IL4	5	132009154	0.98	0.21	cg17446142	GDF9	5	132201483	CpG_island
-0.94	neg	5.29E-05	rs2243268	IL4	5	132013963	1.00	0.22	cg17446142	GDF9	5	132201483	CpG_island
-0.92	neg	4.46E-05	rs2023823	KIF3A	5	132032806	0.98	0.29	cg17446142	GDF9	5	132201483	CpG_island
-0.86	neg	5.12E-05	rs3213639	KIF3A	5	132038199	1.00	0.30	cg17446142	GDF9	5	132201483	CpG_island
-0.96	neg	6.04E-05	rs3798130	KIF3A	5	132042146	0.98	0.20	cg17446142	GDF9	5	132201483	CpG_island
-0.86	neg	6.51E-05	rs2299009	KIF3A	5	132042813	0.98	0.30	cg17446142	GDF9	5	132201483	CpG_island
-0.88	neg	1.03E-04	rs2406410	KIF3A	5	132065880	0.95	0.22	cg17446142	GDF9	5	132201483	CpG_island
0.98	pos	4.74E-05	rs6596137	-	5	133019116	1.00	0.05	cg26399201	ANKRD43	5	132149404	CpG_island
1.52	pos	7.30E-05	rs7729260	-	5	147165953	0.97	0.14	cg27488807	SPINK7	5	147691898	Outside_CpG_isl_shore
-0.68	neg	8.57E-05	rs33410	RBM22	5	150072693	1.00	0.25	cg18849169	GPX3	5	150399781	Outside_CpG_isl_shore
3.23	pos	8.78E-05	rs11953398	-	5	150386907	0.79	0.05	cg17820459	GPX3	5	150400531	CpG_island
0.21	pos	7.34E-05	rs6579844	-	5	150626940	0.94	0.36	cg15972617	GM2A	5	150632662	CpG_island
2.16	pos	4.87E-06	rs4704767	-	5	157470956	0.97	0.07	cg01546430	ITK	5	156607836	Outside_CpG_isl_shore

-0.40	neg	2.51E-05	rs9503407	BPHL	6	3144120	0.97	0.07	cg15637528	C6orf146	6	4078959	CpG_island
-0.93	neg	6.95E-05	rs3761793	ALDH5A1	6	24493922	0.98	0.09	cg12624523	GPLD1	6	24489770	Outside_CpG_isl_shore
1.25	pos	1.91E-05	rs9461204	-	6	25718466	1.00	0.29	cg21146268	HIST1H2BE	6	26183508	Outside_CpG_isl_shore
-0.83	neg	9.19E-05	rs9394032	-	6	31016230	1.00	0.12	cg13083810	POU5F1	6	31139156	CpG_shore
1.14	pos	1.03E-04	rs2517527	-	6	31021547	0.97	0.35	cg21264055	PRR3	6	30523242	CpG_island
-0.68	neg	5.11E-05	rs9264219	-	6	31221914	1.00	0.34	cg06351503	RDBP	6	31928060	Outside_CpG_isl_shore
-0.83	neg	8.26E-05	rs2524094	HLA-C	6	31240041	0.95	0.37	cg10409680	HLA-C	6	31239320	CpG_island
0.77	pos	4.20E-06	rs2523656	-	6	31444048	0.94	0.26	cg13910855	PBX2	6	32157485	Outside_CpG_isl_shore
2.73	pos	1.39E-05	rs13194087	EHMT2	6	31859578	1.00	0.14	cg00929855	HSPA1A	6	31783364	CpG_island
2.82	pos	7.21E-06	rs10947223	-	6	31872383	0.98	0.13	cg00929855	HSPA1A	6	31783364	CpG_island
1.67	pos	9.77E-05	rs1150777	C6orf1	6	34217181	1.00	0.16	cg00347904	SCUBE3	6	35182508	CpG_island
1.19	pos	5.98E-05	rs847862	ANKS1A	6	34910552	1.00	0.05	cg03020951	HMGA1	6	34203887	CpG_island
1.54	pos	3.37E-05	rs847862	ANKS1A	6	34910552	1.00	0.05	cg03030757	FANCE	6	35420754	CpG_island
-0.89	neg	3.80E-05	rs1404002	-	6	40064600	0.94	0.27	cg03422350	MOCS1	6	39895671	CpG_shore
-1.15	neg	5.74E-05	rs6939861	TFEB	6	41703041	0.97	0.26	cg22375610	APOBEC2	6	41021161	CpG_shore
0.57	pos	2.64E-05	rs833057	-	6	43727030	0.94	0.24	cg06132324	POLH	6	43544046	CpG_island

1.34	pos	2.40E-05	rs9374686	-	6	98066596	1.00	0.45	cg26174752	GPR63	6	97285948	CpG_island
-0.87	neg	5.61E-05	rs10872503	-	6	139401872	0.98	0.12	cg12341414	REPS1	6	139309683	CpG_island
-1.15	neg	9.02E-05	rs3777684	HECA	6	139465993	1.00	0.05	cg12341414	REPS1	6	139309683	CpG_island
-0.39	neg	1.32E-05	rs9321958	PLAGL1	6	144358117	0.98	0.43	cg22378065	PLAGL1	6	144329172	CpG_island
0.46	pos	2.85E-05	rs2328542	PLAGL1	6	144382294	1.00	0.49	cg00702231	PLAGL1	6	144329473	CpG_island
1.73	pos	8.87E-06	rs13207671	PARK2	6	162979056	0.98	0.13	cg21926612	PARK2	6	163149169	Outside_CpG_isl_shore
1.73	pos	6.54E-06	rs13202339	PARK2	6	163081812	1.00	0.13	cg21926612	PARK2	6	163149169	Outside_CpG_isl_shore
1.91	pos	5.12E-06	rs13206253	PACRG	6	163166902	0.95	0.12	cg21926612	PARK2	6	163149169	Outside_CpG_isl_shore
-0.70	neg	1.06E-04	rs10274465	SDK1	7	3493590	1.00	0.37	cg18321354	CARD11	7	3084516	CpG_shore
3.42	pos	2.43E-05	rs1726597	HDAC9	7	18621630	0.97	0.15	cg24446548	TWIST1	7	19157263	CpG_island
2.40	pos	2.56E-05	rs1726597	HDAC9	7	18621630	0.97	0.15	cg00240432	TWIST1	7	19157296	CpG_island
1.89	pos	2.21E-06	rs1726597	HDAC9	7	18621630	0.97	0.15	cg22498251	TWIST1	7	19157710	CpG_island
-1.26	neg	7.07E-05	rs13227275	-	7	33155385	1.00	0.20	cg08445039	FKBP9	7	32997659	CpG_island
1.00	pos	7.58E-05	rs10257300	-	7	49730525	0.97	0.08	cg15359413	FIGNL1	7	50517931	CpG_island
-0.98	neg	8.93E-05	rs970867	-	7	82348139	0.98	0.32	cg06379754	CACNA2D1	7	82073573	CpG_island
0.98	pos	4.34E-05	rs705330	-	7	98197405	1.00	0.10	cg12717668	ZNF655	7	99156195	CpG_island

0.68	pos	6.05E-05	rs4729459	-	7	98233514	1.00	0.07	cg20637800	BRI3	7	97911512	CpG_island
0.71	pos	3.98E-05	rs6465770	ZCWPW1	7	100014711	0.98	0.06	cg25251635	POP7	7	100303170	CpG_island
0.95	pos	1.00E-05	rs1986847	-	7	115257756	1.00	0.08	cg26774312	CAV2	7	116139477	CpG_island
0.58	pos	5.29E-05	rs6974804	-	7	130783121	1.00	0.29	cg13917504	MEST	7	130131258	CpG_island
-0.75	neg	6.17E-05	rs7802723	-	7	137929307	0.97	0.42	cg02491878	ATP6V0A4	7	138482580	Outside_CpG_isl_shore
1.14	pos	6.73E-06	rs498933	LOC100129514	7	140775825	0.98	0.24	cg18384643	MRPS33	7	140715001	CpG_island
1.07	pos	3.53E-05	rs491554	LOC100129514	7	140776614	0.92	0.22	cg18384643	MRPS33	7	140715001	CpG_island
0.84	pos	6.05E-05	rs10279637	-	7	142693619	0.94	0.19	cg10896774	C7orf34	7	142636840	CpG_shore
0.81	pos	8.10E-05	rs10256437	-	7	142700712	0.95	0.19	cg10896774	C7orf34	7	142636840	CpG_shore
0.80	pos	8.72E-05	rs13438029	-	7	142705416	0.97	0.20	cg10896774	C7orf34	7	142636840	CpG_shore
1.15	pos	9.83E-05	rs534126	-	7	142921234	0.90	0.46	cg16752583	TRPV6	7	142583731	CpG_shore
1.26	pos	2.36E-05	rs9918515	-	7	142922662	0.94	0.48	cg16752583	TRPV6	7	142583731	CpG_shore
1.23	pos	9.30E-05	rs7810486	-	7	143007111	0.87	0.46	cg16752583	TRPV6	7	142583731	CpG_shore
1.17	pos	4.29E-05	rs6464541	CLCN1	7	143013171	0.92	0.50	cg16752583	TRPV6	7	142583731	CpG_shore
1.27	pos	1.39E-05	rs10216140	CLCN1	7	143016491	0.94	0.37	cg16752583	TRPV6	7	142583731	CpG_shore
1.06	pos	1.39E-05	rs9325857	SH2D4A	8	19197809	0.95	0.28	cg23328404	ChGn	8	19539991	Outside_CpG_isl_shore

2.11	pos	6.99E-05	rs17768448	LOXL2	8	23223713	0.98	0.05	cg23696886	PDLIM2	8	22437193	CpG_island
1.97	pos	7.10E-05	rs7016438	-	8	23936884	1.00	0.05	cg27090216	TNFRSF10C	8	22960461	CpG_island
0.56	pos	8.27E-05	rs7836759	KIF13B	8	28977112	0.95	0.32	cg00459975	HMBBOX1	8	28749099	CpG_island
1.60	pos	5.31E-05	rs2060802	ADAM18	8	39502217	0.89	0.36	cg12535715	HTRA4	8	38831693	CpG_island
1.34	pos	2.13E-05	rs2060802	ADAM18	8	39502217	0.89	0.36	cg27258399	HTRA4	8	38832267	CpG_island
1.33	pos	5.09E-06	rs10504319	-	8	61926772	1.00	0.07	cg22915732	MGC34646	8	62200518	CpG_island
1.43	pos	4.11E-05	rs4339683	-	8	66152136	1.00	0.26	cg02067021	DNAJC5B	8	66934027	CpG_shore
1.43	pos	8.81E-05	rs957655	C8orf46	8	67409841	0.98	0.26	cg20329958	CRH	8	67090250	CpG_island
-0.98	neg	5.58E-06	rs12234995	DPY19L4	8	95758766	0.89	0.34	cg12038710	CDH17	8	95220583	Outside_CpG_isl_shore
-0.92	neg	2.90E-05	rs10101523	DPY19L4	8	95770914	0.98	0.33	cg12038710	CDH17	8	95220583	Outside_CpG_isl_shore
-0.99	neg	8.71E-06	rs12543503	-	8	95811984	1.00	0.30	cg12038710	CDH17	8	95220583	Outside_CpG_isl_shore
-1.69	neg	8.06E-05	rs12375483	-	9	33784908	1.00	0.08	cg08418332	CCL19	9	34691001	Outside_CpG_isl_shore
-1.68	neg	1.05E-04	rs10971712	UBE2R2	9	33820938	0.98	0.08	cg08418332	CCL19	9	34691001	Outside_CpG_isl_shore
-1.22	neg	3.83E-05	rs10971900	WDR40A	9	34085077	0.94	0.08	cg03662459	IL11RA	9	34654290	CpG_shore
1.61	pos	1.04E-04	rs12004493	-	9	86438614	0.94	0.07	cg22807823	C9orf76	9	86594226	CpG_island
1.99	pos	5.06E-06	rs7027121	-	9	86448944	0.92	0.06	cg22807823	C9orf76	9	86594226	CpG_island

1.52	pos	8.37E-05	rs7874481	KIF27	9	86513376	0.97	0.08	cg22807823	C9orf76	9	86594226	CpG_island
1.03	pos	6.80E-05	rs1662695	NTRK2	9	87405212	0.97	0.10	cg22807823	C9orf76	9	86594226	CpG_island
0.74	pos	9.49E-06	rs10759320	-	9	111583614	0.92	0.16	cg06953995	PALM2-AKAP2	9	112542779	CpG_island
0.72	pos	9.80E-06	rs10816735	-	9	111595187	0.95	0.17	cg06953995	PALM2-AKAP2	9	112542779	CpG_island
1.70	pos	3.92E-08	rs16913584	-	9	111603106	0.95	0.06	cg06953995	PALM2-AKAP2	9	112542779	CpG_island
1.38	pos	4.42E-06	rs10448264	-	9	111613353	0.95	0.07	cg06953995	PALM2-AKAP2	9	112542779	CpG_island
-0.66	neg	8.97E-05	rs4978387	EPB41L4B	9	111983248	0.95	0.13	cg26646980	PTPN3	9	112225668	Outside_CpG_isl_shore
-1.39	neg	6.34E-05	rs1359328	MEGF9	9	123370822	0.95	0.15	cg09419670	PSMD5	9	123605666	CpG_island
-1.28	neg	1.87E-05	rs1324473	MEGF9	9	123404610	0.94	0.21	cg09419670	PSMD5	9	123605666	CpG_island
-1.33	neg	1.92E-06	rs10760110	MEGF9	9	123412563	0.90	0.23	cg09419670	PSMD5	9	123605666	CpG_island
-1.31	neg	3.38E-06	rs1530370	MEGF9	9	123424552	0.90	0.23	cg09419670	PSMD5	9	123605666	CpG_island
-1.29	neg	2.08E-05	rs4837790	MEGF9	9	123446325	0.87	0.20	cg09419670	PSMD5	9	123605666	CpG_island
-1.28	neg	2.76E-05	rs966396	MEGF9	9	123453281	0.90	0.21	cg09419670	PSMD5	9	123605666	CpG_island
-1.10	neg	8.87E-05	rs10760112	MEGF9	9	123467570	0.90	0.23	cg09419670	PSMD5	9	123605666	CpG_island

-1.37	neg	9.42E-07	rs4617229	-	9	123480696	0.89	0.25	cg09419670	PSMD5	9	123605666	CpG_island
-1.38	neg	5.44E-07	rs2416799	-	9	123480866	0.90	0.26	cg09419670	PSMD5	9	123605666	CpG_island
-1.36	neg	6.69E-07	rs4836830	-	9	123483668	0.92	0.25	cg09419670	PSMD5	9	123605666	CpG_island
-1.35	neg	4.76E-07	rs10985008	-	9	123492960	0.90	0.26	cg09419670	PSMD5	9	123605666	CpG_island
-1.34	neg	2.20E-06	rs10985009	-	9	123493039	0.92	0.23	cg09419670	PSMD5	9	123605666	CpG_island
-1.21	neg	1.12E-06	rs2416800	FBXW2	9	123544003	0.90	0.34	cg09419670	PSMD5	9	123605666	CpG_island
-1.17	neg	2.94E-05	rs7026635	FBXW2	9	123550027	0.90	0.24	cg09419670	PSMD5	9	123605666	CpG_island
-1.46	neg	2.06E-08	rs1060817	PSMD5	9	123583192	0.85	0.37	cg09419670	PSMD5	9	123605666	CpG_island
-1.42	neg	2.08E-08	rs10760117	PSMD5	9	123586737	0.89	0.36	cg09419670	PSMD5	9	123605666	CpG_island
-1.34	neg	5.85E-08	rs12343516	PSMD5	9	123603469	0.92	0.33	cg09419670	PSMD5	9	123605666	CpG_island
-1.44	neg	9.34E-09	rs4837796	LOC253039	9	123610288	0.87	0.40	cg09419670	PSMD5	9	123605666	CpG_island
1.11	pos	2.76E-05	rs3927757	-	9	126087359	0.95	0.08	cg09768944	PDCL	9	125590709	CpG_island
1.14	pos	4.39E-05	rs10732397	FAM73B	9	131809572	1.00	0.05	cg21060854	TOR1B	9	132565518	CpG_island
1.48	pos	1.73E-05	rs6478920	USP20	9	132631680	0.97	0.14	cg04713521	PRRX2	9	132428538	CpG_island
-1.05	neg	7.37E-05	rs10901336	LAMC3	9	133935704	0.94	0.18	cg14552982	EXOSC2	9	133568226	CpG_island
0.70	pos	7.04E-05	rs916620	SARDH	9	136596750	0.89	0.29	cg19123107	C9orf7	9	136324577	CpG_island

0.91	pos	7.53E-05	rs28563072	NOXA1	9	140320944	0.95	0.08	cg23897067	NDOR1	9	140100305	CpG_island
-0.38	neg	2.03E-05	rs2997063	-	10	12389180	0.97	0.39	cg03411288	C10orf47	10	11865805	CpG_island
0.51	pos	7.06E-05	rs7072976	FAM107B	10	14658464	1.00	0.05	cg26354413	SUV39H2	10	14920263	CpG_island
-0.76	neg	3.29E-05	rs2744069	-	10	43374226	0.98	0.46	cg05454446	BMS1L	10	43277757	CpG_island
1.31	pos	6.66E-05	rs12252199	GDF2	10	48416274	1.00	0.14	cg17964955	RBP3	10	48390936	Outside_CpG_isl_shore
-1.35	neg	7.44E-05	rs2352464	GRID1	10	87747789	1.00	0.26	cg09261262	OPN4	10	88414554	Outside_CpG_isl_shore
1.54	pos	2.38E-05	rs10887548	GRID1	10	87772933	0.97	0.49	cg09261262	OPN4	10	88414554	Outside_CpG_isl_shore
1.68	pos	4.48E-05	rs12254525	SLIT1	10	98774102	0.98	0.07	cg07143898	SLIT1	10	98945300	CpG_island
1.74	pos	5.31E-05	rs10786667	-	10	104219132	0.94	0.48	cg04997967	KCNIP2	10	103603488	CpG_island
1.22	pos	8.70E-05	rs11191293	TMEM180	10	104221539	0.97	0.48	cg25123470	KCNIP2	10	103603722	CpG_shore
0.69	pos	1.54E-05	rs3961457	-	10	104429639	0.97	0.17	cg15439196	CNNM2	10	104676907	CpG_island
-3.02	neg	1.43E-05	rs11191375	ARL3	10	104464657	0.98	0.13	cg04997967	KCNIP2	10	103603488	CpG_island
-2.69	neg	3.40E-05	rs2794427	-	10	119199967	1.00	0.07	cg27600794	PNLIPRP1	10	118349430	Outside_CpG_isl_shore
-0.92	neg	1.50E-07	rs196313	-	10	121383036	0.98	0.11	cg21201659	SEC23IP	10	121652288	CpG_island
-0.43	neg	8.59E-05	rs10901589	ADAM12	10	128005524	0.95	0.49	cg00623593	DOCK1	10	128767610	Outside_CpG_isl_shore
0.93	pos	2.04E-05	rs11594084	-	10	130478722	1.00	0.11	cg12434587	MGMT	10	131265209	CpG_island

-1.73	neg	8.48E-05	rs6578250	-	11	2262639	0.97	0.10	cg24331162	SYT8	11	1855665	Outside_CpG_isl_shore
-1.96	neg	7.47E-05	rs6578250	-	11	2262639	0.97	0.10	cg19923326	KCNQ1	11	2828778	CpG_island
-1.09	neg	8.61E-05	rs2898800	NAP1L4	11	2973696	0.97	0.25	cg07484827	CHRNA10	11	3693157	CpG_shore
-1.10	neg	9.73E-05	rs2071115	NAP1L4	11	2980722	0.95	0.26	cg07484827	CHRNA10	11	3693157	CpG_shore
-1.07	neg	1.01E-04	rs2071114	NAP1L4	11	2980831	0.98	0.26	cg07484827	CHRNA10	11	3693157	CpG_shore
-1.76	neg	3.00E-05	rs12801986	LOC100130460	11	10429998	1.00	0.05	cg14037413	ZNF143	11	9482594	CpG_island
0.85	pos	8.96E-05	rs11023177	RRAS2	11	14306580	0.98	0.19	cg10467022	CALCA	11	14994983	CpG_island
-0.73	neg	1.04E-04	rs11033110	SLC1A2	11	35416626	1.00	0.15	cg09017174	SLC1A2	11	35440525	CpG_island
0.97	pos	1.00E-04	rs684928	-	11	67329742	0.94	0.37	cg27278802	CCS	11	66359430	Outside_CpG_isl_shore
1.01	pos	2.19E-05	rs7941395	-	11	67347417	0.97	0.34	cg27278802	CCS	11	66359430	Outside_CpG_isl_shore
1.06	pos	7.31E-05	rs1695	GSTP1	11	67352689	0.97	0.27	cg27278802	CCS	11	66359430	Outside_CpG_isl_shore
1.02	pos	6.70E-05	rs749174	GSTP1	11	67353253	0.97	0.28	cg27278802	CCS	11	66359430	Outside_CpG_isl_shore
0.99	pos	9.70E-05	rs1871042	GSTP1	11	67353844	0.98	0.28	cg27278802	CCS	11	66359430	Outside_CpG_isl_shore
0.66	pos	2.05E-05	rs906827	PVRL1	11	119514129	1.00	0.05	cg23618830	ARHGEF12	11	120207780	CpG_island
0.55	pos	8.76E-05	rs4612814	GRIK4	11	120594813	0.95	0.14	cg19363546	POU2F3	11	120110701	CpG_island
0.60	pos	5.94E-05	rs4612814	GRIK4	11	120594813	0.95	0.14	cg18567470	ARHGEF12	11	120208005	CpG_island

0.62	pos	3.77E-05	rs17311414	GRIK4	11	120598007	0.95	0.13	cg19363546	POU2F3	11	120110701	CpG_island
0.70	pos	1.36E-05	rs17311414	GRIK4	11	120598007	0.95	0.13	cg18567470	ARHGEF12	11	120208005	CpG_island
-0.97	neg	8.08E-05	rs4078313	ROBO4	11	124766128	0.94	0.32	cg13018903	FLJ25530	11	124806901	CpG_shore
2.25	pos	2.19E-06	rs10082641	-	11	127770139	0.95	0.16	cg17872757	FLI1	11	128564180	CpG_island
2.20	pos	2.11E-06	rs11221109	-	11	127797623	0.98	0.17	cg17872757	FLI1	11	128564180	CpG_island
-1.23	neg	5.70E-05	rs524319	OPCML	11	133079019	0.97	0.22	cg25853078	OPCML	11	133402919	Outside_CpG_isl_shore
0.80	pos	1.01E-04	rs2191536	-	12	3885347	0.98	0.43	cg10187932	PARP11	12	3982816	CpG_island
1.33	pos	1.02E-04	rs4930767	NTF3	12	5597381	0.98	0.48	cg04740359	NTF3	12	5603542	CpG_island
2.07	pos	2.24E-05	rs7955850	VWF	12	6175579	1.00	0.07	cg00353953	ZNF384	12	6799541	CpG_shore
1.02	pos	1.02E-04	rs6488336	CD163	12	7631883	1.00	0.10	cg17805404	GPR162	12	6930624	Outside_CpG_isl_shore
1.57	pos	4.37E-05	rs7312589	-	12	7961576	1.00	0.24	cg12207371	CD163	12	7655803	Outside_CpG_isl_shore
0.87	pos	5.85E-05	rs10843873	-	12	31160741	1.00	0.05	cg02342494	MGC50559	12	31812046	CpG_island
1.45	pos	6.91E-06	rs2859593	-	12	52326956	1.00	0.46	cg16112157	KRT6C	12	52887685	CpG_shore
-1.35	neg	3.65E-05	rs10783481	-	12	52329769	1.00	0.42	cg16112157	KRT6C	12	52887685	CpG_shore
-0.82	neg	2.69E-05	rs2277367	CALCOCO1	12	54108777	1.00	0.14	cg01657380	NPFF	12	53901523	CpG_shore
1.33	pos	9.35E-05	rs10876530	HOXC4 -5 - 6	12	54424872	0.97	0.30	cg26556134	SOAT2	12	53492729	CpG_shore

1.05	pos	1.04E-04	rs2067554	-	12	54455129	0.98	0.47	cg07643942	LACRT	12	55029147	CpG_shore
0.92	pos	3.35E-05	rs11180037	-	12	74760628	1.00	0.23	cg11631518	KCNC2	12	75603585	CpG_shore
1.34	pos	6.17E-05	rs6538486	PLXNC1	12	94575990	0.98	0.08	cg06630241	SOCS2	12	93967711	CpG_island
1.90	pos	9.18E-05	rs17679347	-	12	96538924	1.00	0.07	cg25229172	CCDC38	12	96336121	CpG_island
-1.35	neg	2.66E-05	rs16941264	CUX2	12	111578993	1.00	0.05	cg06290168	C12orf24	12	110907010	CpG_island
0.26	pos	3.56E-05	rs2195003	-	12	116035167	0.98	0.34	cg02121943	TBX3	12	115121489	CpG_island
-2.14	neg	2.62E-05	rs4247308	-	12	118395985	0.97	0.48	cg03538436	NOS1	12	117799370	CpG_island
1.01	pos	7.09E-05	rs573590	CCDC60	12	119958068	1.00	0.24	cg02883161	MSI1	12	120807618	CpG_island
1.12	pos	4.72E-05	rs6490826	MIPEP	13	24379138	0.97	0.28	cg07126559	SGCG	13	23754937	Outside_CpG_isl_shore
1.14	pos	3.01E-05	rs9318064	MIPEP	13	24396149	0.98	0.29	cg07126559	SGCG	13	23754937	Outside_CpG_isl_shore
1.16	pos	8.54E-05	rs17074629	-	13	31051738	1.00	0.12	cg21418052	B3GTL	13	31773806	CpG_island
0.76	pos	1.48E-05	rs9634811	-	13	48464175	0.97	0.18	cg02250787	HTR2A	13	47470989	CpG_shore
0.64	pos	6.96E-05	rs7981902	-	13	48470791	1.00	0.21	cg02250787	HTR2A	13	47470989	CpG_shore
1.49	pos	1.32E-05	rs9600325	-	13	75011952	0.98	0.07	cg11794728	KLF12	13	74707860	CpG_island
2.84	pos	1.05E-04	rs7320138	-	13	110781087	1.00	0.08	cg14341579	IRS2	13	110438906	CpG_island
2.66	pos	4.21E-06	rs9324309	TUBGCP3	13	113188574	0.98	0.24	cg21624282	LOC122258	13	113030783	Outside_CpG_isl_shore

2.53	pos	2.54E-05	rs9324313	TUBGCP3	13	113224567	0.97	0.26	cg21624282	LOC122258	13	113030783	Outside_CpG_isl_shore
2.42	pos	4.71E-05	rs3813739	-	13	113243288	0.98	0.27	cg21624282	LOC122258	13	113030783	Outside_CpG_isl_shore
2.35	pos	1.06E-04	rs9324315	-	13	113247331	1.00	0.11	cg21367957	F10	13	113776252	CpG_shore
0.94	pos	7.90E-05	rs3811282	-	14	22633711	0.98	0.08	cg23690380	PRMT5	14	23398654	CpG_island
-0.70	neg	3.32E-05	rs3751467	-	14	22959592	1.00	0.07	cg11095315	PABPN1	14	23789003	Outside_CpG_isl_shore
-1.63	neg	3.31E-06	rs1004664	-	14	24893211	0.90	0.27	cg13105904	KIAA0323	14	24900044	CpG_island
1.40	pos	9.03E-07	rs10143703	KIAA0323	14	24898355	0.97	0.25	cg13105904	KIAA0323	14	24900044	CpG_island
1.34	pos	1.17E-06	rs2255591	KIAA0323	14	24901844	0.95	0.24	cg13105904	KIAA0323	14	24900044	CpG_island
1.04	pos	3.62E-05	rs10872883	-	14	34800738	1.00	0.05	cg07414384	BAZ1A	14	35344667	CpG_island
0.48	pos	8.37E-05	rs7161203	SNX6	14	35087218	0.92	0.35	cg07414384	BAZ1A	14	35344667	CpG_island
1.40	pos	3.12E-05	rs11157418	-	14	45158259	0.98	0.28	cg21096966	BTBD5	14	45432458	Outside_CpG_isl_shore
1.37	pos	9.67E-05	rs11157418	-	14	45158259	0.98	0.28	cg00660989	BTBD5	14	45432516	CpG_shore
1.38	pos	4.38E-05	rs17551760	-	14	45171345	0.98	0.22	cg21096966	BTBD5	14	45432458	Outside_CpG_isl_shore
1.39	pos	4.37E-05	rs1570879	FERMT2	14	53391794	0.98	0.19	cg08516400	C14orf166	14	52455762	CpG_island
1.39	pos	7.46E-05	rs12437065	-	14	53420350	0.97	0.18	cg08516400	C14orf166	14	52455762	CpG_island
1.16	pos	9.63E-05	rs8006625	-	14	56977637	0.98	0.29	cg19903229	C14orf105	14	57960650	Outside_CpG_isl_shore

1.12	pos	8.07E-05	rs10220570	-	14	57011024	0.95	0.35	cg19903229	C14orf105	14	57960650	Outside_CpG_isl_shore
1.30	pos	9.43E-05	rs2245442	PRKCH	14	61972684	0.98	0.09	cg12839593	SIX1	14	61116227	CpG_island
-0.32	neg	5.72E-06	rs2107667	C14orf56	14	71687887	0.98	0.15	cg26097271	MED6	14	71067346	CpG_island
-3.19	neg	2.65E-06	rs17102763	PROX2	14	75321408	0.98	0.06	cg09133026	RPS6KL1	14	75388105	CpG_island
1.88	pos	4.80E-05	rs6574237	-	14	75947712	0.95	0.21	cg20718816	LTBP2	14	75078842	CpG_island
-1.31	neg	6.14E-05	rs1184086	TTLL5	14	76142995	0.94	0.24	cg04001333	C14orf58	14	76045348	CpG_island
0.91	pos	7.81E-05	rs8007740	-	14	90160838	1.00	0.09	cg25225073	KCNK13	14	90528983	CpG_island
0.86	pos	1.76E-05	rs7143185	-	14	101570702	0.97	0.38	cg05711886	MEG3	14	101292680	CpG_island
-1.50	neg	1.02E-04	rs17671490	GABRG3	15	27281090	1.00	0.07	cg27592112	GABRG3	15	27670095	Outside_CpG_isl_shore
-1.61	neg	9.24E-05	rs4779948	-	15	32259060	1.00	0.48	cg18145505	GREM1	15	33009498	CpG_island
0.95	pos	5.91E-05	rs8028559	NEDD4	15	56130909	0.97	0.33	cg00678539	MNS1	15	56757625	CpG_island
0.65	pos	2.37E-05	rs1509405	-	15	56321854	0.97	0.47	cg02198044	NEDD4	15	56286336	CpG_island
-1.36	neg	1.76E-05	rs1863401	Gcom1	15	57930775	1.00	0.12	cg05750321	CGNL1	15	57668039	CpG_island
1.03	pos	1.00E-04	rs2083762	SCAPER	15	76907376	0.98	0.37	cg08130265	C15orf5	15	77519170	Outside_CpG_isl_shore
-4.94	neg	1.64E-05	rs28572742	-	15	78171981	0.87	0.49	cg19777470	CRABP1	15	78633455	CpG_island
-1.89	neg	2.55E-05	rs16944702	-	15	91192738	0.98	0.17	cg05985767	ANPEP	15	90349511	CpG_island

-0.64	neg	8.56E-05	rs8038073	-	15	91604722	1.00	0.39	cg17338403	SLCO3A1	15	92395836	Outside_CpG_isl_shore
-1.31	neg	3.93E-05	rs6496923	-	15	92863155	0.97	0.24	cg25455753	C15orf32	15	93014970	CpG_shore
1.55	pos	5.00E-05	rs6496105	-	15	95987050	0.97	0.10	cg04943986	NR2F2	15	96873868	CpG_island
1.02	pos	6.17E-05	rs2745101	LOC390667	16	1537839	0.98	0.32	cg01934790	FBXL16	16	756400	CpG_island
1.01	pos	9.30E-05	rs2745103	LOC390667	16	1538464	1.00	0.34	cg01934790	FBXL16	16	756400	CpG_island
0.39	pos	5.51E-05	rs1742450	-	16	1854540	1.00	0.25	cg08473533	MGC24381	16	1402333	CpG_island
0.42	pos	6.77E-05	rs8054735	FLYWCH1	16	2965519	0.97	0.27	cg10609615	TRAP1	16	3766942	CpG_island
3.40	pos	1.23E-07	rs9933078	-	16	5198593	0.92	0.49	cg23460697	UBN1	16	4902898	Outside_CpG_isl_shore
-1.89	neg	2.89E-05	rs7188098	GP2	16	20326407	1.00	0.09	cg16940935	ACSM1	16	20702428	Outside_CpG_isl_shore
1.36	pos	7.01E-05	rs7200210	SLC12A4	16	67981896	0.90	0.06	cg23989635	CDH1	16	68771203	CpG_island
-0.74	neg	6.25E-05	rs16958594	TMC07	16	69099890	0.97	0.16	cg27077685	SLC7A6OS	16	68346347	CpG_island
1.22	pos	7.36E-05	rs9923748	-	16	73392951	0.97	0.20	cg10683939	C16orf47	16	73178242	Outside_CpG_isl_shore
1.04	pos	2.48E-05	rs12922599	CDH13	16	83414398	0.98	0.11	cg03930357	MBTPS1	16	84150069	CpG_island
1.24	pos	6.06E-05	rs16975086	ZDHHC7	16	85015541	0.97	0.07	cg03930357	MBTPS1	16	84150069	CpG_island
-2.34	neg	6.68E-05	rs16975086	ZDHHC7	16	85015541	0.97	0.07	cg07595943	LOC161931	16	84224901	CpG_island
-0.63	neg	9.19E-05	rs2437954	CPNE7	16	89641661	1.00	0.26	cg16825643	FAM38A	16	88802743	Outside_CpG_isl_shore

-1.38	neg	3.45E-05	rs1057358	ABR	17	917146	0.95	0.34	cg27562023	RPH3AL	17	201675	CpG_island
-1.16	neg	8.96E-05	rs1057358	ABR	17	917146	0.95	0.34	cg02671171	RPH3AL	17	203087	CpG_shore
1.09	pos	1.89E-05	rs11868567	DHX33	17	5363652	0.95	0.06	cg23916158	MYBBP1A	17	4458473	CpG_island
0.69	pos	1.52E-05	rs11653414	NLRP1	17	5415038	0.98	0.07	cg20693880	PSMB6	17	4699478	CpG_island
1.46	pos	1.66E-07	rs11653414	NLRP1	17	5415038	0.98	0.07	cg14360897	RNF167	17	4843676	CpG_island
-1.30	neg	9.64E-05	rs9908995	-	17	8087353	0.94	0.40	cg12989650	ARHGEF15	17	8213328	Outside_CpG_isl_shore
-2.19	neg	3.73E-05	rs3826543	C17orf68	17	8132763	0.95	0.09	cg14918082	KCNAB3	17	7833237	CpG_island
-0.59	neg	4.07E-05	rs1558241	C17orf76	17	16378439	0.92	0.43	cg18017908	C17orf76	17	16394618	Outside_CpG_isl_shore
0.42	pos	6.78E-06	rs11871738	-	17	17525243	0.95	0.30	cg21955402	SMCR7	17	18163716	CpG_island
1.88	pos	5.51E-05	rs9909148	-	17	26310492	1.00	0.32	cg21237418	RAB34	17	27045043	CpG_island
0.88	pos	5.56E-05	rs2005288	ACCN1	17	31968111	0.98	0.33	cg03805442	ACCN1	17	31620694	CpG_island
1.46	pos	2.67E-05	rs35748717	-	17	36249806	1.00	0.07	cg26863324	DDX52	17	36003443	CpG_island
0.90	pos	9.08E-06	rs10853093	CBX1	17	46153747	1.00	0.16	cg12370791	HOXB9	17	46703650	CpG_island
0.77	pos	4.47E-05	rs8066529	SNX11	17	46187565	1.00	0.22	cg12370791	HOXB9	17	46703650	CpG_island
0.82	pos	5.31E-05	rs7208796	SKAP1 - LOC100129841	17	46222044	0.98	0.20	cg12370791	HOXB9	17	46703650	CpG_island
0.83	pos	5.40E-05	rs2957932	SKAP1	17	46330184	0.97	0.20	cg12370791	HOXB9	17	46703650	CpG_island

0.85	pos	4.85E-05	rs11651669	SKAP1	17	46439663	0.98	0.17	cg12370791	HOXB9	17	46703650	CpG_island
-1.04	neg	9.31E-05	rs1390154	-	17	47071483	0.97	0.49	cg25928579	HOXB8	17	46692534	CpG_island
-0.32	neg	7.24E-05	rs1541392	ABCC3	17	48719889	1.00	0.24	cg01425405	DLX3	17	48072705	CpG_island
-1.10	neg	2.04E-05	rs8263	SUPT4H1	17	56423114	0.98	0.48	cg24835159	RNF43	17	56494554	Outside_CpG_isl_shore
1.06	pos	1.79E-05	rs9675236	CA4	17	58226800	1.00	0.05	cg17989037	PRR11	17	57232584	CpG_island
0.64	pos	1.67E-05	rs12948889	-	17	71272987	1.00	0.11	cg25067197	SLC39A11	17	71088707	CpG_island
-0.36	neg	6.28E-05	rs12600951	-	17	71501486	0.98	0.41	cg25067197	SLC39A11	17	71088707	CpG_island
1.31	pos	8.56E-05	rs11655133	-	17	72130512	0.98	0.34	cg21547708	SSTR2	17	71161160	CpG_island
1.41	pos	2.84E-05	rs8075025	-	17	72132949	0.98	0.31	cg21547708	SSTR2	17	71161160	CpG_island
1.42	pos	3.44E-05	rs8077479	-	17	72136662	0.95	0.31	cg21547708	SSTR2	17	71161160	CpG_island
0.61	pos	3.18E-05	rs3744033	ACOX1	17	73969953	1.00	0.16	cg19935424	MXRA7	17	74706305	Outside_CpG_isl_shore
0.88	pos	1.04E-04	rs11150846	-	17	78098520	0.98	0.34	cg22892904	CBX2	17	77751089	CpG_island
1.49	pos	5.21E-05	rs4798452	LOC100130480	18	6511191	0.95	0.43	cg07846220	LAMA1	18	7117680	CpG_island
-1.57	neg	8.75E-05	rs4800418	-	18	20146740	0.98	0.24	cg10421192	CTAGE1	18	19998010	CpG_island
-0.84	neg	3.53E-05	rs1789536	-	18	33524398	0.97	0.06	cg27318281	C18orf37	18	33078719	CpG_island
-0.81	neg	6.76E-05	rs3786268	P15RS	18	33606625	0.97	0.06	cg27318281	C18orf37	18	33078719	CpG_island

0.97	pos	4.01E-05	rs2337146	-	18	46482907	1.00	0.07	cg11611854	RPL17	18	47018756	CpG_island
-1.12	neg	5.47E-05	rs7243538	-	18	55562464	0.97	0.20	cg25314216	NARS	18	55301903	Outside_CpG_isl_shore
1.56	pos	9.93E-06	rs8103738	POLRMT	19	616999	0.94	0.14	cg03569412	MBD3	19	1593943	CpG_shore
0.94	pos	1.84E-05	rs7246140	FGF22	19	641215	0.97	0.48	cg03569412	MBD3	19	1593943	CpG_shore
1.31	pos	9.87E-05	rs878439	CSNK1G2	19	1943973	0.97	0.43	cg06488678	TMPRSS9	19	2390040	Outside_CpG_isl_shore
1.50	pos	7.35E-05	rs4534977	CSNK1G2	19	1952090	1.00	0.37	cg06488678	TMPRSS9	19	2390040	Outside_CpG_isl_shore
1.36	pos	2.70E-05	rs11669357	C19orf34	19	1952586	1.00	0.45	cg06488678	TMPRSS9	19	2390040	Outside_CpG_isl_shore
-1.20	neg	5.39E-05	rs3810409	DOT1L	19	2180515	1.00	0.05	cg24355006	CSNK1G2	19	1969744	CpG_island
0.41	pos	9.43E-05	rs7260407	ANKRD24	19	4202793	1.00	0.46	cg04640886	C19orf30	19	4769592	CpG_island
-0.42	neg	1.03E-04	rs732716	SH3GL1	19	4366219	0.95	0.26	cg23035555	HLRC1	19	3500370	CpG_island
1.22	pos	1.99E-05	rs11880033	RFX2	19	6074710	1.00	0.20	cg07997737	NRTN	19	5822630	CpG_island
1.33	pos	6.53E-05	rs12977027	-	19	6579789	1.00	0.07	cg23263923	TNFSF7	19	6591204	CpG_island
1.11	pos	6.99E-05	rs1609460	MUC16	19	9084183	1.00	0.48	cg16504798	MYO1F	19	8643540	CpG_shore
1.23	pos	1.43E-05	rs12978266	DOCK6	19	11358799	1.00	0.25	cg23943360	LDLR	19	11200146	CpG_island
1.24	pos	1.70E-05	rs2116876	DOCK6	19	11359484	0.98	0.22	cg23943360	LDLR	19	11200146	CpG_island
-1.07	neg	7.86E-05	rs10424042	GIPC1	19	14593150	0.95	0.38	cg03931808	RLN3	19	14139099	CpG_island

-1.10	neg	2.73E-05	rs4926221	-	19	14614242	0.98	0.43	cg03931808	RLN3	19	14139099	CpG_island
-0.50	neg	8.41E-05	rs1056176	-	19	16151223	1.00	0.41	cg13656062	CYP4F2	19	16008723	Outside_CpG_isl_shore
2.96	pos	1.07E-04	rs2303150	TPM4	19	16197377	1.00	0.07	cg14851685	FLJ39501	19	15618559	Outside_CpG_isl_shore
0.75	pos	1.02E-05	rs10854161	B3GNT3	19	17905619	0.98	0.36	cg00445824	ISYNA1	19	18548929	CpG_island
-0.99	neg	1.29E-05	rs11086110	-	19	18520231	0.97	0.16	cg08162780	GDF15	19	18497064	CpG_island
-0.80	neg	8.29E-05	rs6510416	-	19	34737425	0.98	0.40	cg17920197	LGI4	19	35627220	CpG_shore
-0.83	neg	4.27E-05	rs8111058	KIAA0355	19	34789008	1.00	0.36	cg12622273	LGI4	19	35625496	Outside_CpG_isl_shore
-1.69	neg	2.28E-05	rs392340	KIAA0355	19	34842488	1.00	0.39	cg02633817	FXYD3	19	35606732	Outside_CpG_isl_shore
-1.81	neg	2.18E-05	rs392340	KIAA0355	19	34842488	1.00	0.39	cg00480115	FXYD3	19	35606877	CpG_shore
-1.67	neg	2.79E-05	rs379862	KIAA0355	19	34844563	0.98	0.39	cg02633817	FXYD3	19	35606732	Outside_CpG_isl_shore
-1.80	neg	2.75E-05	rs379862	KIAA0355	19	34844563	0.98	0.39	cg00480115	FXYD3	19	35606877	CpG_shore
-1.61	neg	2.97E-05	rs8103093	UBA2	19	34920999	0.98	0.40	cg02633817	FXYD3	19	35606732	Outside_CpG_isl_shore
-1.78	neg	1.57E-05	rs8103093	UBA2	19	34920999	0.98	0.40	cg00480115	FXYD3	19	35606877	CpG_shore
-1.62	neg	9.92E-05	rs2965282	WTIP	19	34984792	0.97	0.40	cg02633817	FXYD3	19	35606732	Outside_CpG_isl_shore
-1.76	neg	7.60E-05	rs2965282	WTIP	19	34984792	0.97	0.40	cg00480115	FXYD3	19	35606877	CpG_shore
-2.30	neg	2.17E-05	rs2285420	UPK1A	19	36168872	0.98	0.06	cg24678320	FLJ38451	19	35451371	CpG_shore

2.55	pos	4.19E-05	rs3730256	AKT2	19	40761212	1.00	0.05	cg07053469	EID-3	19	40023281	CpG_island
1.66	pos	7.78E-05	rs1962303	PSG7	19	43431163	1.00	0.10	cg12973651	CNFN	19	42894453	CpG_island
-2.04	neg	4.05E-05	rs3760982	-	19	44286513	0.98	0.50	cg12768605	LYPD5	19	44324951	CpG_island
2.08	pos	3.39E-05	rs3786956	-	19	44286829	0.98	0.39	cg12768605	LYPD5	19	44324951	CpG_island
2.04	pos	4.05E-05	rs11665924	-	19	44286982	0.98	0.50	cg12768605	LYPD5	19	44324951	CpG_island
2.26	pos	3.36E-06	rs4803659	-	19	44290235	0.98	0.39	cg12768605	LYPD5	19	44324951	CpG_island
2.34	pos	2.41E-06	rs1386502	-	19	44293356	0.97	0.40	cg12768605	LYPD5	19	44324951	CpG_island
-2.03	neg	3.90E-05	rs10426528	LYPD5	19	44299298	0.98	0.44	cg12768605	LYPD5	19	44324951	CpG_island
2.10	pos	8.56E-05	rs10416177	LYPD5	19	44301543	0.95	0.38	cg12768605	LYPD5	19	44324951	CpG_island
2.08	pos	5.14E-05	rs11547806	LYPD5	19	44303066	0.98	0.37	cg12768605	LYPD5	19	44324951	CpG_island
1.84	pos	4.43E-05	rs11879355	LYPD5	19	44306482	0.95	0.38	cg12768605	LYPD5	19	44324951	CpG_island
-0.81	neg	7.27E-05	rs10415769	-	19	46158643	0.95	0.28	cg11822964	PTGIR	19	47129337	CpG_island
1.42	pos	2.12E-05	rs2307279	PLA2G4C	19	48608598	1.00	0.05	cg01795122	EMP3	19	48828859	CpG_island
1.61	pos	3.18E-05	rs7246004	SHANK1	19	51216909	0.98	0.30	cg21930712	FLJ40235	19	51761116	Outside_CpG_isl_shore
-0.80	neg	1.42E-05	rs3829658	SIGLEC12	19	52000672	0.98	0.31	cg19149785	KLK8	19	51506273	CpG_island
-0.70	neg	8.63E-05	rs10420457	SIGLEC12	19	52003089	1.00	0.37	cg19149785	KLK8	19	51506273	CpG_island

-0.74	neg	7.25E-05	rs3810110	SIGLEC12	19	52004743	1.00	0.36	cg19149785	KLK8	19	51506273	CpG_island
-0.80	neg	3.70E-05	rs16982743	SIGLEC12	19	52004903	1.00	0.25	cg19149785	KLK8	19	51506273	CpG_island
-0.80	neg	4.42E-05	rs16982761	-	19	52013906	1.00	0.21	cg19149785	KLK8	19	51506273	CpG_island
-0.92	neg	9.61E-07	rs8182477	SIGLEC6	19	52032355	1.00	0.26	cg19149785	KLK8	19	51506273	CpG_island
2.04	pos	8.92E-05	rs6509938	SAPS1	19	55763409	0.98	0.08	cg07097098	PTPRH	19	55721638	CpG_shore
0.95	pos	1.05E-04	rs11672710	HSPBP1	19	55779122	0.98	0.09	cg10080004	SYT5	19	55691827	CpG_island
1.90	pos	9.24E-05	rs11672710	HSPBP1	19	55779122	0.98	0.09	cg07097098	PTPRH	19	55721638	CpG_shore
1.69	pos	1.18E-05	rs574342	NLRP5	19	56546029	1.00	0.13	cg07189381	TNNT1	19	55660514	Outside_CpG_isl_shore
1.33	pos	8.59E-05	rs1468773	ZNF71	19	57106401	0.98	0.27	cg24713204	ZNF471	19	57019373	CpG_island
-0.21	neg	2.99E-05	rs13044351	-	20	1310688	0.97	0.38	cg20702327	CSNK2A1	20	524484	CpG_island
1.49	pos	2.54E-05	rs4815075	-	20	2238145	0.97	0.41	cg21611708	TGM3	20	2277040	Outside_CpG_isl_shore
0.36	pos	9.69E-05	rs2207152	TMC2	20	2607519	0.98	0.13	cg00231920	VPS16	20	2821308	CpG_island
-0.63	neg	9.87E-05	rs6139288	-	20	4053254	0.98	0.32	cg08661003	C20orf116	20	3185863	CpG_island
-1.35	neg	6.83E-05	rs4816090	PLCB1	20	8808310	1.00	0.36	cg07008386	PLCB1	20	8113630	CpG_island
-1.39	neg	4.46E-05	rs6077434	PLCB1	20	8817665	1.00	0.37	cg07008386	PLCB1	20	8113630	CpG_island
-1.52	neg	1.70E-05	rs6086624	PLCB1	20	8818022	0.98	0.36	cg07008386	PLCB1	20	8113630	CpG_island

-1.62	neg	5.82E-06	rs6133635	PLCB1	20	8840154	0.97	0.32	cg07008386	PLCB1	20	8113630	CpG_island
-1.27	neg	6.19E-05	rs3891453	PLCB1	20	8847727	0.95	0.40	cg07008386	PLCB1	20	8113630	CpG_island
-1.35	neg	5.99E-05	rs3848831	PLCB1 - LOC100129841	20	8851321	1.00	0.35	cg07008386	PLCB1	20	8113630	CpG_island
-1.41	neg	2.03E-05	rs4502502	PLCB1 - LOC100131599	20	8852328	0.98	0.38	cg07008386	PLCB1	20	8113630	CpG_island
-1.41	neg	9.97E-05	rs1047381	PLCB1	20	8864177	0.94	0.38	cg07008386	PLCB1	20	8113630	CpG_island
-1.42	neg	3.55E-05	rs6056230	-	20	8866270	0.95	0.36	cg07008386	PLCB1	20	8113630	CpG_island
1.38	pos	1.03E-04	rs6140971	PAK7	20	9567361	1.00	0.05	cg27204739	ANKRD5	20	10015783	CpG_island
0.85	pos	4.96E-05	rs6111688	-	20	17801675	1.00	0.05	cg20207753	C20orf72	20	17948278	Outside_CpG_isl_shore
-0.86	neg	4.08E-05	rs1205843	TM9SF4	20	30742996	1.00	0.08	cg27643859	TM9SF4	20	30720887	CpG_shore
-1.30	neg	7.74E-05	rs13038810	-	20	34870223	0.98	0.46	cg07378350	GDF5	20	34027324	CpG_island
1.17	pos	9.88E-05	rs6067731	CTNBL1	20	36444876	1.00	0.36	cg18979491	LBP	20	36974445	Outside_CpG_isl_shore
-1.09	neg	4.32E-05	rs4810239	PPP1R16B	20	37527685	0.97	0.35	cg08254089	BPI	20	36933189	CpG_shore
-1.12	neg	6.60E-05	rs6015982	PPP1R16B	20	37534369	0.98	0.36	cg08254089	BPI	20	36933189	CpG_shore
-1.12	neg	3.08E-05	rs12626105	PPP1R16B	20	37534582	1.00	0.37	cg08254089	BPI	20	36933189	CpG_shore
-1.15	neg	5.21E-05	rs974560	DHX35	20	37591198	0.98	0.36	cg08254089	BPI	20	36933189	CpG_shore

-1.19	neg	2.64E-05	rs3752298	DHX35	20	37635027	0.94	0.35	cg08254089	BPI	20	36933189	CpG_shore
1.63	pos	7.35E-05	rs3746582	PABPC1L	20	43560914	1.00	0.11	cg00690280	WFDC10B	20	44332733	Outside_CpG_isl_shore
1.70	pos	8.02E-05	rs12798	PABPC1L	20	43561654	0.98	0.10	cg00690280	WFDC10B	20	44332733	Outside_CpG_isl_shore
0.71	pos	5.40E-05	rs2745065	LOC100130157	20	44074550	1.00	0.05	cg18704595	ADA	20	43280957	CpG_island
1.27	pos	5.92E-05	rs6130852	-	20	44142395	1.00	0.34	cg09874776	WFDC13	20	44330841	CpG_shore
1.20	pos	5.60E-05	rs6073779	-	20	44157648	1.00	0.37	cg09874776	WFDC13	20	44330841	CpG_shore
1.51	pos	5.71E-05	rs4810078	-	20	56044262	0.98	0.39	cg13904968	PCK1	20	56136012	Outside_CpG_isl_shore
1.06	pos	2.71E-05	rs47223	-	20	57496873	0.97	0.32	cg21163415	EDN3	20	57876201	CpG_island
-1.59	neg	8.86E-05	rs6015450	-	20	57751117	1.00	0.05	cg22214414	SYCP2	20	58507232	CpG_shore
-1.21	neg	8.99E-05	rs9305615	-	21	38668607	0.97	0.32	cg21832243	TTC3	21	38444223	Outside_CpG_isl_shore
-1.04	neg	5.35E-05	rs2835695	-	21	38674544	0.98	0.39	cg21832243	TTC3	21	38444223	Outside_CpG_isl_shore
1.48	pos	3.80E-05	rs2836724	FLJ45139	21	40251582	1.00	0.21	cg03993463	KCNJ15	21	39627271	Outside_CpG_isl_shore
1.33	pos	5.39E-05	rs414845	FLJ45139	21	40254465	1.00	0.27	cg03993463	KCNJ15	21	39627271	Outside_CpG_isl_shore
1.30	pos	4.49E-05	rs2836743	FLJ45139	21	40275033	1.00	0.29	cg03993463	KCNJ15	21	39627271	Outside_CpG_isl_shore
-0.32	neg	1.85E-05	rs485224	-	21	40899071	0.98	0.36	cg23704703	C21orf13	21	40816035	Outside_CpG_isl_shore
-0.33	neg	1.96E-05	rs539187	-	21	40900285	1.00	0.35	cg23704703	C21orf13	21	40816035	Outside_CpG_isl_shore

-0.76	neg	2.17E-06	rs12627448	-	21	40904942	1.00	0.07	cg23704703	C21orf13	21	40816035	Outside_CpG_isl_shore
0.55	pos	2.33E-05	rs3788086	AGPAT3	21	45367464	1.00	0.30	cg16500334	SUMO3	21	46238534	CpG_island
-1.46	neg	2.31E-05	rs4819210	C21orf56	21	47579668	0.98	0.33	cg07747299	C21orf56	21	47604052	CpG_island
-1.50	neg	1.33E-05	rs2839193	MCM3AP	21	47698343	0.98	0.39	cg07747299	C21orf56	21	47604052	CpG_island
-0.88	neg	2.25E-05	rs369081	MICAL3	22	18286672	0.98	0.38	cg18137704	CECR6	22	17602681	CpG_island
-0.68	neg	1.51E-05	rs369081	MICAL3	22	18286672	0.98	0.38	cg27281093	USP18	22	18632404	CpG_island
-0.95	neg	1.04E-05	rs369081	MICAL3	22	18286672	0.98	0.38	cg00747849	SLC25A1	22	19165386	CpG_island
-1.01	neg	1.68E-06	rs390041	MICAL3	22	18288362	1.00	0.37	cg18137704	CECR6	22	17602681	CpG_island
-0.73	neg	4.96E-06	rs390041	MICAL3	22	18288362	1.00	0.37	cg27281093	USP18	22	18632404	CpG_island
-0.97	neg	1.24E-05	rs390041	MICAL3	22	18288362	1.00	0.37	cg00747849	SLC25A1	22	19165386	CpG_island
-0.95	neg	1.42E-05	rs389496	MICAL3	22	18289204	0.98	0.33	cg18137704	CECR6	22	17602681	CpG_island
-0.70	neg	2.42E-05	rs389496	MICAL3	22	18289204	0.98	0.33	cg27281093	USP18	22	18632404	CpG_island
-0.97	neg	2.45E-05	rs389496	MICAL3	22	18289204	0.98	0.33	cg00747849	SLC25A1	22	19165386	CpG_island
-0.90	neg	1.18E-05	rs429940	MICAL3	22	18292466	0.98	0.38	cg18137704	CECR6	22	17602681	CpG_island
-0.69	neg	9.02E-06	rs429940	MICAL3	22	18292466	0.98	0.38	cg27281093	USP18	22	18632404	CpG_island
-0.97	neg	5.48E-06	rs429940	MICAL3	22	18292466	0.98	0.38	cg00747849	SLC25A1	22	19165386	CpG_island

-1.02	neg	1.88E-06	rs388415	MICAL3	22	18294211	0.98	0.37	cg18137704	CECR6	22	17602681	CpG_island
-0.72	neg	6.92E-06	rs388415	MICAL3	22	18294211	0.98	0.37	cg27281093	USP18	22	18632404	CpG_island
-0.98	neg	1.23E-05	rs388415	MICAL3	22	18294211	0.98	0.37	cg00747849	SLC25A1	22	19165386	CpG_island
-0.83	neg	8.42E-05	rs399757	MICAL3	22	18295575	1.00	0.39	cg00747849	SLC25A1	22	19165386	CpG_island
-1.24	neg	5.58E-05	rs17810231	PRODH	22	18913312	0.98	0.07	cg02555579	SLC25A18	22	18043043	Outside_CpG_isl_shore
-0.91	neg	1.36E-05	rs178051	PI4KA	22	21172498	0.98	0.08	cg17353431	THAP7	22	21356784	CpG_island
-0.61	neg	5.15E-05	rs4821422	-	22	36000547	0.98	0.44	cg14473016	RASD2	22	35937495	CpG_island
-0.54	neg	9.72E-05	rs5755793	MB	22	36011759	1.00	0.48	cg14473016	RASD2	22	35937495	CpG_island
0.57	pos	9.46E-05	rs4622835	-	22	36022661	0.94	0.48	cg14473016	RASD2	22	35937495	CpG_island
0.56	pos	9.71E-05	rs1967963	-	22	36023160	0.97	0.48	cg14473016	RASD2	22	35937495	CpG_island
1.11	pos	1.04E-04	rs5750402	-	22	37661288	1.00	0.18	cg13474750	SH3BP1	22	38037408	CpG_shore
1.80	pos	1.55E-05	rs6002737	NFAM1	22	42827759	0.98	0.07	cg25459323	SepIII	22	42372359	CpG_island
-1.12	neg	3.94E-05	rs2272804	RIBC2	22	45809624	0.97	0.48	cg23503501	RIBC2	22	45809793	CpG_island
1.24	pos	5.61E-06	rs6007026	RIBC2	22	45810049	0.98	0.44	cg23503501	RIBC2	22	45809793	CpG_island
1.14	pos	6.16E-05	rs1022478	RIBC2	22	45821956	0.98	0.46	cg23503501	RIBC2	22	45809793	CpG_island
1.11	pos	6.39E-05	rs2269379	MAPK8IP2	22	51048514	0.97	0.06	cg01513661	SAPS2	22	50781987	CpG_island

