

DMP	Chromosome	Position	Genes	$\Delta\beta$	Log ₂ Fold Change	FDR
cg06905516	8	23022704	TNFRSF10D	-0.0658172	-0.118573078386117	0.0406335022523768
cg08608222	4	1795499	FGFR3;FGFR3;FGFR3	0.0394691	0.974745939210874	0.0406335022523768
cg00941856	10	101674581	DNMBP	-0.111603	-0.203924257833641	0.0406335022523768
cg24345551	6	33360652	KIFC1	-0.0843615	-0.169964842922027	0.0406335022523768
cg04798796	10	88855483	GLUD1;FAM35A	0.0128459	0.78019703680129	0.0406335022523768
cg23638556	13	111010230	COL4A2	-0.0352772	-0.0550357484555059	0.0406335022523768
cg21183329	9	124976219	LHX6;LHX6	0.0138929	0.74410393169284	0.0406335022523768
cg21545248	5	149402498	HMGXB3	-0.118147	-0.21719840047772	0.0406335022523768
cg14774480	11	102653516	WTAPP1	-0.0418546	-0.0654491768029718	0.0406335022523768
cg12792397	16	30703104		0.0183593	0.0277728147568009	0.0406335022523768
cg06680214	6	33422417	ZBTB9;ZBTB9	-0.00219952	-0.381958984086785	0.0406335022523768
cg25025968	11	4116056	RRM1;RRM1	0.016294	0.719573700587054	0.0406335022523768
cg22624255	19	19779476	ZNF101	0.0310168	1.09645945215441	0.0406335022523768
cg22496450	13	61191016		-0.0978919	-0.21940906045832	0.0406335022523768
cg19793131	11	96209225	JRKL-AS1	-0.059185	-0.100001142046094	0.0406335022523768
cg20839991	6	33088941	HLA-DPB2	-0.0333946	-0.0517411832043036	0.0406335022523768
cg26328741	16	2021947	TBL3	0.022945	0.79535118403304	0.0406335022523768
cg25261059	19	44031185	ETHE1	0.0651899	0.359116864511103	0.0406335022523768
cg11908852	1	38397237	INPP5B	0.0118427	0.6256883641268	0.0406335022523768
cg01039133	7	105752333	SYPL1;SYPL1	0.00909396	0.489729674847109	0.0406335022523768
cg11483359	6	19712715		-0.122321	-0.225732875760143	0.0406335022523768
cg04030138	11	11688731		-0.0464161	-0.078429240479446	0.0406335022523768
cg17309592	3	49591741	BSN	0.063166	0.656666673987389	0.0406335022523768
cg03804985	9	130159694	SLC2A8	0.0218871	0.957584345105923	0.0406335022523768
cg19367466	12	123717773	C12orf65;C12orf65	0.0239812	0.645296872926284	0.0406335022523768
cg25195309	1	225766155	ENAH;ENAH	-0.079411	-0.157638423092724	0.0406335022523768
cg27461942	13	100229148	LINC01039	-0.0875736	-0.166330640866549	0.0406335022523768
cg13985868	9	116102304	WDR31;WDR31	0.0320005	0.901413470591093	0.0406335022523768
cg04982432	6	38306180	BTBD9;BTBD9;BTBD9;BTBD9	-0.0823567	-0.151053215855891	0.0406335022523768
cg26836121	4	68388804	CENPC	-0.0492055	-0.0818722905008148	0.0406335022523768
cg05919975	12	57148848		-0.124588	-0.250471131538006	0.0406335022523768
cg01395424	5	1277474	TERT;TERT	0.0260448	0.0419079803954786	0.0406335022523768
cg19690486	19	14610252		-0.0805528	-0.144023830857933	0.0406335022523768
cg22118655	22	37823656	ELFN2	0.0533956	0.406558154153351	0.0415761721086483
cg09693311	14	54936086		-0.113309	-0.213021346732731	0.043769606288123
cg19816107	7	33101939	NT5C3;NT5C3	0.019855	0.537673887517361	0.043769606288123
cg22735125	5	49725470	EMB	-0.0469106	-0.0944772066336053	0.043769606288123
cg26619035	7	87936923	STEAP4	-0.0302796	-0.046427869957971	0.043769606288123
cg01958008	3	128597156	ACAD9	-0.0734059	-0.130324043830873	0.043769606288123
cg06619047	16	8772199	ABAT	-0.0438772	-0.0710378272646915	0.043769606288123
cg19485344	16	53412025	LOC102723373	-0.0995825	-0.210052229134053	0.043769606288123
cg16328610	6	83777335	DOPEY1	0.0232185	0.568984409845287	0.043769606288123
cg17691292	8	95654019	ESRP1;ESRP1;ESRP1;ESRP1	0.0169181	0.887744460855561	0.043769606288123
cg01068252	9	128114429	GAPVD1;GAPVD1;GAPVD1;GAPVD1	-0.061445	-0.104004747005541	0.043769606288123
cg09544878	5	133747733	CDKN2AIPNL	0.0150824	0.595688483793804	0.043769606288123
cg12922647	15	31396316	TRPM1	-0.0459696	-0.0740164846463773	0.043769606288123
cg00966078	1	23079320	EPHB2;EPHB2	-0.0717216	-0.119471672795221	0.043769606288123
cg11784214	17	19479935	SLC47A1	-0.0493608	-0.0826485677275705	0.043769606288123
cg08558652	16	48389438	LOC100507577;MIR548A2;MIR5095	-0.0648793	-0.119332688869588	0.0440437062548208
cg03754076	1	232766254		0.0120227	0.883691752896239	0.0443669184970106
cg12022339	19	52692933	PPP2R1A;PPP2R1A	0.00728751	0.596344457004661	0.0443669184970106
cg06444855	5	38819991	OSMR-AS1	-0.129331	-0.251621936761016	0.0447999812308717
cg18141295	1	193144639	CDC73	-0.0581567	-0.102891227021625	0.044983718150736
cg27190839	11	33097035	LOC283267	-0.0825291	-0.145795379258764	0.046223009450485
cg09556666	15	72759065		-0.130132	-0.221196855675754	0.046223009450485
cg13828275	20	32972747	ITCH;ITCH;ITCH	-0.104588	-0.203791900141478	0.046223009450485
cg07397958	15	49476141	GALK2;GALK2;GALK2;GALK2	-0.0984144	-0.19665845869217	0.046223009450485
cg01954686	7	150885654	ASB10;ASB10;ASB10	-0.0878873	-0.203971896025394	0.046223009450485
cg16203711	3	169491183	MYNN;MYNN	0.0333015	1.2454653253385	0.046223009450485
cg19870125	12	129604022	TMEM132D	-0.0774623	-0.129662360254565	0.046223009450485
cg26654766	10	13343607	PHYH	-0.0619288	-0.1256361516786	0.046223009450485
cg11473272	3	125146553		-0.0320996	-0.0535671573005014	0.0469518271538882
cg10400226	19	8325369	CERS4	-0.0889155	-0.172782903719894	0.046991736038697
cg15403961	4	173905761	GALNTL6	-0.0976913	-0.211795241982064	0.046991736038697
cg03365985	4	42399484	SHISA3	0.00778769	0.677606960549186	0.046991736038697
cg18749273	15	68569993	FEM1B	0.0211876	0.686438817129089	0.046991736038697
cg04783204	6	44191600	SLC29A1;SLC29A1;SLC29A1;SLC29A1;SLC29A1	0.0166506	0.661884182897757	0.046991736038697
cg23727374	20	30946786	ASXL1;ASXL1	0.0259131	0.829473915468712	0.046991736038697
cg26332016	12	117348108	FBXW8;FBXW8	-0.0935664	-0.168735547779607	0.046991736038697
cg04697629	1	221871655		0.00667726	0.0098353882842333	0.047418340765503
cg00495931	20	43545321	PABPC1L	0.00975951	0.0144618167571059	0.047418340765503
cg24390275	6	56860507	BEND6	-0.0507518	-0.082357266421499	0.047418340765503
cg15609150	5	179197801	MAML1	-0.127225	-0.314322405942136	0.0475625159781643
cg10351795	3	133744113	SLCO2A1	-0.0582335	-0.101351763105253	0.0475625159781643
cg15539395	19	59086703	MGC2752	0.0111455	0.444479205196505	0.0475625159781643
cg21787516	7	105018109	SRPK2	-0.0585389	-0.121459271970044	0.0475625159781643
cg14595269	7	151216272	RHEB	0.0624945	0.459211656415842	0.0501968659474078
cg24808111	7	148889824		-0.0930476	-0.163425674175079	0.0502645183457041
cg14819132	17	17495032	PEMT	0.0110168	0.552637080591458	0.0503267269163535
cg03425878	16	67038709	CES4A;CES4A;CES4A;CES4A;CES4A	0.0075249	0.011103343569635	0.051809519065246
cg02871554	18	21170124		-0.0730601	-0.148204424576289	0.051809519065246

cg01897092	17	34057222	RASL10B	-0.0929732	-0.182672713771587	0.051809519065246
cg05118364	16	3533812	NAT15;NAT15;NAT15	-0.0846287	-0.190323684358396	0.0518992411265714
cg07218663	6	146350618	GRM1;GRM1	0.0215767	0.759816205989132	0.0518992411265714
cg14870958	14	73029842	RGS6	-0.0169623	-0.0262293277588816	0.0518992411265714
cg06817090	1	1334334	CCNL2;CCNL2;CCNL2;LOC148413;CCNL2	0.00788647	0.658423581555615	0.0518992411265714
cg21197273	3	11760785	VGLL4;VGLL4	0.00674041	0.329675701578179	0.0518992411265714
cg19926395	7	150865207	GBX1	0.0131627	0.756565955490245	0.0518992411265714
cg24736951	3	171114259	TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK;TNIK	-0.0327439	-0.0513963795834923	0.0518992411265714
cg24743229	1	110577591	FAM40A	0.0149933	0.610187961362712	0.0518992411265714
cg00552822	15	22368443	LOC727924;OR4M2	-0.0467413	-0.081154430624211	0.0518992411265714
cg11069461	7	64646466	INTS4L1	-0.0602762	-0.103756172770022	0.0518992411265714
cg17381040	19	36102347	HAUS5	-0.0438344	-0.0675052757877374	0.0518992411265714
cg14028272	1	229533222		-0.0426454	-0.0676282831023415	0.0518992411265714
cg16420045	15	65350816	RASL12;RASL12	0.0125497	0.018931894521605	0.0518992411265714
cg10148231	7	849153		-0.0837718	-0.157466745738593	0.0518992411265714
cg25019777	4	53525403	USP46;USP46	0.0638011	0.747612200717906	0.0518992411265714
cg06942121	16	2040985	SYNGR3	0.0133021	0.352113195237665	0.0518992411265714
cg07437492	1	240434057	FMN2;FMN2	-0.0795417	-0.137991784328019	0.0518992411265714
cg03436558	16	75657345	ADAT1	0.0156625	0.670138522872142	0.0518992411265714
cg13441599	7	102715243	ARMC10;ARMC10;ARMC10;ARMC10;ARMC10;ARMC10;FBXL13;FBXL13;FBXL13;FBXL	0.0143272	0.707199146685249	0.0521912828346582
cg00765721	2	159314180	CCDC148;CCDC148;PKP4;PKP4	0.0197356	0.847271540952859	0.0523427652535012
cg25188141	2	128633711	AMMECR1L	-0.0449683	-0.0726934465720912	0.0523427652535012
cg11913696	14	77932535	AHSA1	-0.0401746	-0.06272643096699	0.0530636463671279
cg04214520	3	195615359	TNK2;TNK2	0.00926496	0.0141591576252101	0.0535932816111014
cg26077228	17	80408536	C17orf62;C17orf62;C17orf62	0.020084	0.57835457517611	0.0540431130494622
ch.7.53629068R	7	53661574		0.0157414	0.574218083468763	0.0540431130494622
cg23911661	1	45674993		-0.0631038	-0.107431194794865	0.0548512093997217
cg22829819	16	69332313	SNTB2	-0.0251278	-0.0387431379226169	0.0553078981147217
cg14438445	2	39221176	1 SOS	-0.0805308	-0.147591525871211	0.055813348309455
cg26219201	19	54585100	TARM1	-0.03537	-0.0573306766347431	0.055813348309455
cg23169308	11	118881590	CCDC84;CCDC84;CCDC84;CCDC84	-0.0480654	-0.0779793156481695	0.055813348309455
cg22541808	17	40687226	NAGLU	-0.0954657	-0.199091471098774	0.055813348309455
cg13062138	5	84374644		-0.0619955	-0.111361583050029	0.055813348309455
cg14763763	22	24968468	SNRPD3	-0.0388004	-0.060877816398849	0.055813348309455
cg16268848	2	109744586	SH3RF3;LOC100287216	0.0105337	0.537819392571178	0.055813348309455
cg26750487	1	207818449	CR1L	0.0173059	0.514371026201175	0.055813348309455
cg27506538	17	66588055	FAM20A;FAM20A	-0.09743	-0.187269246506453	0.055813348309455
cg09471916	16	3131034		-0.029647	-0.047122895019374	0.055813348309455
cg13255896	16	81352678	GAN	-0.069034	-0.12444963085618	0.055813348309455
cg09033276	3	195959363	SLC51A	0.00838916	0.0124007059740016	0.055813348309455
cg23687258	6	106808749		0.0275197	0.609720799061538	0.055813348309455
cg10588706	1	246305649	SMYD3;SMYD3	-0.0645656	-0.102507258072371	0.055813348309455
cg20320896	7	144534283	TPK1;TPK1	-0.0345839	-0.0444971708448443	0.055813348309455
cg18887033	2	7005947	CMPK2	0.0648362	0.378340898658906	0.055813348309455
cg23330385	2	187385911		-0.0504405	-0.082993378432526	0.055813348309455
cg22012693	8	139919163	COL22A1	-0.123828	-0.239281194342031	0.055813348309455
cg09692037	2	16502224		0.00487629	0.00718098190072974	0.055813348309455
cg27222589	12	52968762	KRT74	-0.0522376	-0.0859733717005815	0.055813348309455
cg06069179	17	33288421	CCT6B;CCT6B;ZNF830	0.00863542	0.861337257139569	0.055813348309455
cg22890950	10	122216135	PPAPDC1A	0.0309575	1.03127730117504	0.055813348309455
cg09093477	5	34839189	TTC23L	0.010227	0.508915841176316	0.055813348309455
cg18792956	3	34200625		-0.0600788	-0.123588531442679	0.055813348309455
cg08877624	8	141521446	CHRAC1;CHRAC1;CHRAC1	0.042238	0.455131570473645	0.055813348309455
cg00730348	13	51482465	RNASEH2B;RNASEH2B	-0.070874	-0.133622260750994	0.055813348309455
cg19522644	18	8717905	KIAA0802	0.0190401	0.0288183961717389	0.055813348309455
cg09621945	8	28463758		-0.0835957	-0.147817735356274	0.055813348309455
cg26187342	17	65713858	NOL11	0.0712932	0.375895822034881	0.0559831905624135
cg08395298	4	185827243		-0.0978363	-0.200887195938918	0.0559831905624135
cg15910486	5	142783621	NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1;NR3C1	0.02354	0.426344268044438	0.0559831905624135
cg00665045	13	106158958	DAOA-AS1	-0.0471648	-0.0767215919000765	0.0559831905624135
cg07576222	15	67357975	SMAD3	0.0344758	0.422248401839587	0.0559831905624135
cg01572334	3	11079039	PVRL3;PVRL3;PVRL3	0.0125951	0.657405463127045	0.0559831905624135
cg11081703	12	108909056	FICD;FICD	0.0191671	0.55778562129723	0.0559831905624135
cg27133310	3	146263336	PLSCR1	-0.0775021	-0.155572325606891	0.0559831905624135
cg25221988	16	1355400		-0.0635851	-0.110957098198338	0.0559831905624135
cg24829631	1	19639165	PQLC2;PQLC2;PQLC2;AKR7A2;PQLC2;PQLC2;PQLC2	0.0247533	0.764576472714612	0.0559831905624135
cg27233071	2	108964526		-0.110408	-0.287470836989028	0.0559831905624135
cg01866220	16	28969554	MIR4517;NFATC2IP	-0.0667816	-0.114494766671256	0.0559831905624135
cg03795316	10	12110955	DHTKD1;DHTKD1	0.0193955	0.936741597213522	0.0559831905624135
cg07490276	14	70233797	SFRS5;SFRS5;LOC100289511	0.0112441	0.313883441808425	0.0559831905624135
cg00538011	15	90838172		-0.0185722	-0.0283914846492332	0.0559861534840211
cg08276976	15	39411127		-0.107957	-0.219596349971089	0.0559861534840211
cg01739401	12	51208362	ATF1	-0.092756	-0.165894002593466	0.0559861534840211
cg11899080	17	64455086	PRKCA	-0.0675417	-0.115111713254451	0.0559861534840211
cg03790378	11	47278831	NR1H3;NR1H3;NR1H3	-0.0206605	-0.0307861054909767	0.0559861534840211
cg23162960	5	175875209	FAF2	0.00646354	0.673889128968056	0.0559861534840211
cg10309250	17	42218412	C17orf53;C17orf53	-0.0614571	-0.120505086421667	0.0559861534840211
cg13255559	1	195950882		-0.0710974	-0.132940044647617	0.0559861534840211
cg08220548	18	76160443		-0.0522116	-0.0845241873178414	0.0559861534840211
cg20154431	8	99053241		-0.0782299	-0.151207623236585	0.0559861534840211
cg02956320	2	169643050	NOSTRIN;NOSTRIN	-0.0732048	-0.136584361306329	0.0559861534840211
cg09907201	12	56237315	MMP19	-0.0772043	-0.138938635593102	0.0559861534840211

cg01341130	15	76033361	DNM1P35	-0.079231	-0.167513972963776	0.0559861534840211
cg00108459	10	71123414	HK1;HK1;HK1;HK1	-0.0681939	-0.12684526669541	0.0559861534840211
cg07801516	19	37154552	ZNF461	-0.100201	-0.296999147055265	0.0559861534840211
cg07031794	2	26568949	SELI;GPR113	0.0422561	0.418574728012646	0.0559861534840211
cg16192320	1	206680748	RASSF5;RASSF5	0.0335402	0.452700818756738	0.0559861534840211
cg22592142	15	45409170	DUOXA2	0.0293893	0.616817913138339	0.0559861534840211
cg08968899	8	98961821	MATN2;MATN2	-0.03825	-0.0642354844113241	0.0559861534840211
cg00214165	5	7869652	MTRR;FASTKD3;MTRR	0.0259222	0.617252421617214	0.0559861534840211
cg03932842	7	65703474	TPST1	-0.0639981	-0.127581848572873	0.0559861534840211
cg19733916	14	89730642	FOXN3;FOXN3	-0.0656685	-0.135941820180429	0.0559861534840211
cg05961166	21	26864304		-0.0781734	-0.133027134682021	0.0559861534840211
cg15944824	17	40981088		-0.0818012	-0.184848502141435	0.0559861534840211
cg05064347	21	44395663	PKNOX1;PKNOX1	0.0161528	0.993587504895866	0.0563145121749649
cg03926815	3	13114681	IQSEC1	0.052254	0.193044722906818	0.0572868736734894
cg15137369	8	105801862	LRP12;LRP12	0.0417737	0.769453792753036	0.0572868736734894
cg09466312	4	580474		-0.0537069	-0.0888681790125446	0.0572868736734894
cg14084272	19	21654965		-0.0418435	-0.0656111977576899	0.0572868736734894
cg11212901	17	22020759		-0.055798	-0.097512181749258	0.0572868736734894
cg23137531	13	113622708	MCF2L	0.0100786	0.618366978673968	0.0572868736734894
cg25950438	14	34077154	NPAS3;NPAS3;NPAS3;NPAS3	-0.11711	-0.266786021306068	0.0572868736734894
cg25601661	11	72525334	ATG16L2	0.0413164	0.451617929244009	0.0572868736734894
cg10084513	3	122745685	SEMA5B	0.0123589	0.453920361553204	0.0572868736734894
cg20630971	6	159308131		-0.0644269	-0.116343624591644	0.0572868736734894
cg21051843	1	211572088	LINC00467	-0.0395697	-0.0664063532873141	0.0572868736734894
cg10988122	11	64008466	FKBP2;FKBP2;FKBP2;FKBP2	0.0245015	0.656283876772511	0.0572868736734894
cg06360875	11	22210253		-0.0729352	-0.130297182369274	0.0572868736734894
cg08759723	12	92027881		-0.0302957	-0.0488642490988552	0.0572868736734894
cg02338410	2	201763187	NIF3L1;NIF3L1;NIF3L1;NIF3L1	-0.0714224	-0.134044703312335	0.0572868736734894
cg08926493	8	55224461		-0.0834109	-0.143967132189412	0.0572868736734894
cg25133757	16	23699709	PLK1	-0.0283159	-0.0431774492361052	0.0572868736734894
cg07231398	14	106671426		-0.0798193	-0.165086995900561	0.0572868736734894
cg15730068	4	164394686	TKTL2	-0.031713	-0.0507374129267868	0.0572868736734894
cg07570055	2	233387088		0.0282292	0.726409712228598	0.0572868736734894
cg01968242	8	98787927	LAPTM4B;LAPTM4B	0.00940685	0.586594126021433	0.0572868736734894
cg21434114	18	3450282	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1	0.0114361	0.493880400289997	0.0572868736734894
cg06053850	11	76510871		-0.0923927	-0.214695995802536	0.0572868736734894
cg00868299	9	92306213	UNQ6494	-0.0576747	-0.0944968190714708	0.0572868736734894
cg27361617	21	32470484		-0.0773972	-0.146996677296586	0.0572868736734894
cg01320780	8	22298453	PPP3CC	0.0133771	0.489587767704275	0.0572868736734894
cg05781820	11	65090854		-0.056122	-0.052254050733824	0.0572868736734894
cg08150885	12	106751428	POLR3B;POLR3B	0.00457615	0.351692989621085	0.0572868736734894
cg26011210	12	122125276		0.0423985	0.753624581929061	0.0572868736734894
cg16559448	5	179870052		-0.0865249	-0.18039597338438	0.0576655229937819
cg23273364	2	198364778	HSPE1;HSPE1;HSPD1;HSPD1	0.0274053	1.04798103486208	0.0582213687880469
cg01065278	1	9491741		-0.058609	-0.0980094395562806	0.0583086963318465
cg14853169	1	11113080		0.0679488	0.680335664495851	0.0585466095117296
cg09870152	1	171103714		-0.0917219	-0.249045633082101	0.0585466095117296
cg00295948	9	124261807	GGTA1	0.021646	0.373596405593771	0.0585466095117296
cg09419983	3	148847273	HPS3	0.0158378	0.77101330968801	0.0585466095117296
cg18614025	7	8008335	GLCC1	0.00539701	0.550174032587653	0.0585466095117296
cg23052020	6	106960170	AIM1;AIM1	0.00848893	0.613042783675979	0.0585466095117296
cg24289912	10	129845739	PTPRE;PTPRE	0.00929646	0.54145860058691	0.0585466095117296
cg27487046	1	860613	SAMD11	0.00627432	0.569496353907217	0.0590698588315815
cg02775882	14	103210570		-0.0635624	-0.109015558470477	0.0590698588315815
cg23887623	15	91516823	PRC1;PRC1;PRC1	-0.0208621	-0.0312216941908148	0.0590698588315815
cg00094875	19	52597141	ZNF841	-0.0709819	-0.13849933196035	0.0590698588315815
cg24962528	5	177042842		-0.031059	-0.0474615882526214	0.0590698588315815
cg03778373	5	37378360	WDR70	-0.0574808	-0.0958585810082764	0.0590698588315815
cg11517950	20	42417382		-0.102964	-0.196851709235779	0.0590698588315815
cg09902272	22	41312942	XPNPEP3	-0.0740474	-0.127042959490653	0.0590698588315815
cg21875532	6	42109999	C6orf132	0.0277932	0.535112907324578	0.0590698588315815
cg19991512	15	44250851	FRMD5	-0.0761428	-0.202358134506238	0.0590698588315815
cg21883042	12	62997433	C12orf61;MIRLET71	0.00793136	0.593537973673215	0.0590698588315815
cg24080119	19	45644694		0.0118379	0.0179166767240935	0.0590736506874234
cg15541743	4	3226527	HTT	0.00692507	0.010262902684241	0.0590736506874234
cg06215939	16	1755402	MAPK8IP3;MAPK8IP3	0.0653356	0.498130948193865	0.0590736506874234
cg12290615	6	71419788	SMAP1;SMAP1;SMAP1;SMAP1	-0.171948	-0.419744913077603	0.0590736506874234
cg25104555	10	16562998	C1QL3	0.0166443	0.84325669751052	0.0590736506874234
cg20113500	12	113773013	SLC24A6	0.0198791	0.49012150147729	0.0590736506874234
cg27619817	20	46832141		-0.0569653	-0.102916136260171	0.0590736506874234
cg24602243	5	14144425	TRIO	0.0227782	0.7659854812917	0.0590736506874234
cg10206070	11	67791338	ALDH3B1;ALDH3B1;ALDH3B1;ALDH3B1	-0.0646408	-0.116679797155084	0.0590736506874234
cg18961533	19	19302816	RFXANK;RFXANK;RFXANK;RFXANK;MEF2B;MEF2B;MEF2B;MEF2B	0.0371958	0.467407161681932	0.0590736506874234
cg08739385	1	38201818	EPHA10	-0.101834	-0.18679233281253	0.0590736506874234
cg15789385	12	121907156	KDM2B;KDM2B	-0.099559	-0.214913651940593	0.0590736506874234
cg25720688	7	129295884	NRF1;NRF1;NRF1;NRF1	-0.0680516	-0.158306536178189	0.0592064708780651
cg08941355	7	27133106	HOXA1;HOXA1	-0.0848774	-0.17678297880615	0.0592064708780651
cg16136840	5	95997740	CAST;CAST;CAST;CAST	0.0370151	0.737971614156598	0.0592064708780651
cg04139300	20	40247070	CHD6;CHD6	0.0202726	0.786132542205494	0.0592064708780651
cg00402311	8	62282815	CLVS1	-0.140382	-0.279606653920519	0.0592064708780651
cg12800150	6	34218964	C6orf1;C6orf1;C6orf1	0.00855134	0.380341481219333	0.0592064708780651
cg16947339	16	30546198	ZNF747;ZNF747;ZNF747;ZNF747;ZNF747;ZNF747	0.0711946	1.49085637289442	0.0592064708780651

cg25617568	6	42277458	TRERF1;TRERF1	-0.0456295	-0.0799727490616643	0.0592064708780651
cg26353328	8	42010408	AP3M2;AP3M2	0.0146824	0.762366115140259	0.0592064708780651
cg09357979	4	25915643	C4orf52	0.029024	0.649940184091031	0.0592064708780651
cg22855052	12	6982535	SPSB2;SPSB2	0.0347824	0.51818059133792	0.0592064708780651
cg02635865	20	56885090	RAB22A;PPP4R1L	0.0417628	1.03762530406868	0.0592064708780651
cg05016940	14	53242413	GNPNAT1	-0.0643016	-0.107259369123023	0.0592064708780651
cg06818627	12	109536430	UNG;UNG	0.00936084	0.574606904226052	0.0592064708780651
cg20840778	17	79842807		-0.0468573	-0.0789396033678405	0.0592064708780651
cg02060566	1	93913524	FNBP1L;FNBP1L;FNBP1L	0.0110081	0.474923858775655	0.0592064708780651
cg16870607	2	219246302	SLC11A1	-0.0782657	-0.167790493780942	0.0592064708780651
cg07463138	15	83478369	WHAMM	0.00921612	0.598179451837082	0.0592064708780651
cg04373646	9	37484887	POLR1E;POLR1E	-0.0416564	-0.0672721129340991	0.05945973035251
cg15128638	3	124493484	ITGB5	-0.0692351	-0.125840480071182	0.05945973035251
cg00656411	7	140773422		0.0363735	0.924423836350291	0.05945973035251
cg18571419	4	187026278		0.0138643	0.353377627791481	0.05945973035251
cg20710049	10	22875490	PIP4K2A	-0.0592663	-0.0971172410829588	0.0597624091056663
cg19409381	4	83351505	HNRPDL;ENOPH1;HNRPDL	0.011771	0.615554395208228	0.0597624091056663
cg12659851	15	51988940	SCG3;SCG3	-0.091969	-0.189399114421771	0.0597624091056663
cg24025893	10	134756164	C10orf93	0.0488721	0.371463551267324	0.0597624091056663
cg20036711	13	21622707	LATS2	-0.0446717	-0.0718860626233614	0.0597624091056663
cg16316472	4	77997182	CCNI	0.0571518	0.897079791814894	0.0597624091056663
cg08823305	20	3451391	ATRN;ATRN;ATRN	0.0151967	0.708973312628139	0.0597624091056663
cg13320890	6	131186742	EPB41L2;EPB41L2;EPB41L2;EPB41L2;EPB41L2	-0.00785123	-0.0116873729796305	0.0598677893691087
cg15482976	2	174828973	SP3;SP3;SP3	0.0449751	0.509539288894447	0.0602094701420674
cg25927259	18	59857553	KIAA1468	-0.0459493	-0.0812055842355996	0.0604118995132999
cg00789416	14	101404296	SNORD113-5	-0.0192645	-0.0295144210910498	0.0606380399775694
cg10442442	2	127792200		-0.0362008	-0.0620044536578241	0.0606380399775694
cg04356926	3	98241413	CLDND1;CLDND1;CLDND1;CLDND1;CLDND1;CLDND1	0.0105104	0.679162522756574	0.0607265780570152
cg21597684	2	197457400	HECW2	0.0243919	0.79284259323085	0.0607265780570152
cg15440854	11	115041104		0.00265046	0.231611204633289	0.0607265780570152
cg11575295	7	158250911	PTPRN2;PTPRN2;PTPRN2	0.0801688	0.728764699360552	0.0607265780570152
cg15331792	1	45396742	EIF2B3;EIF2B3;EIF2B3	-0.0648126	-0.111570200727944	0.0607265780570152
cg04049141	16	20821573	LOC81691;LOC81691	-0.0389442	-0.0648518808757196	0.0607265780570152
cg21942282	11	64868530	VPS51;VPS51	-0.114124	-0.251769124809461	0.0607265780570152
cg00449068	6	107403532	BEND3	-0.073657	-0.134394509399797	0.0607265780570152
cg16754853	15	52868720		-0.0948652	-0.189807231410676	0.0607265780570152
cg16415939	1	236083208		-0.069	-0.160615695481897	0.0607265780570152
cg04815242	22	45330752	PHF21B;PHF21B	0.0101871	0.0152886263144311	0.0607265780570152
cg13272676	11	9404868	IPO7	-0.0806449	-0.142829700962754	0.0607265780570152
cg18406718	4	102269374	PPP3CA;PPP3CA;PPP3CA	0.0103213	0.583950074679615	0.0607265780570152
cg21380365	6	27865980		-0.0378429	-0.064300493177377	0.0607265780570152
cg20509869	2	220375605		0.0992099	0.9307915135266	0.0607265780570152
cg02006147	2	74734710	PCGF1	0.017485	0.875250926425979	0.0607265780570152
cg00986191	5	178419655	GRM6	-0.0383762	-0.0602786156597933	0.060827577018538
cg24247472	17	46908838	CALCOCO2	0.0275907	0.806705685160305	0.060827577018538
cg20450471	6	28584061		0.052707	0.476323735195727	0.060827577018538
cg02662491	3	165574116		-0.0460616	-0.0756247868068144	0.0614273661093166
cg19943799	20	40222546	CHD6	-0.0648263	-0.105771831693132	0.0614273661093166
cg17643023	18	55833162	NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L;NEDD4L	-0.0531524	-0.0939594274240381	0.0614273661093166
cg22983329	22	48721504		-0.0911419	-0.175034382417776	0.0614273661093166
cg23561934	2	121199920		0.0292857	0.536942107603484	0.0614273661093166
cg09431544	19	14629187	DNAJB1;DNAJB1	0.0499302	0.342320746571312	0.0614273661093166
cg07765536	15	95647020		-0.104571	-0.325963720438853	0.0615371723654592
cg04529860	19	39900650		0.00772321	0.681721934718533	0.0615371723654592
cg07264679	12	7657396	CD163;CD163	-0.011904	-0.0176257216733763	0.0615371723654592
cg14540546	19	35738122	LSR;LSR;LSR;LSR;LSR	-0.0620919	-0.108522682916358	0.0615371723654592
cg22185536	3	40518595	ZNF619;ZNF619;ZNF619;ZNF619;ZNF619;ZNF619	0.0229823	0.605612492571369	0.0615371723654592
cg07090025	1	1510437	SSU72	0.017242	0.632690546647694	0.0615371723654592
cg21959890	10	94068044	MARCH5	-0.0611376	-0.105918098320094	0.0615371723654592
cg07697561	5	140998635	DIAPH1;DIAPH1	0.0224325	0.677662331460088	0.0615418159917198
cg24809299	20	23331479	NXT1;NXT1	0.015735	0.759195675991474	0.0615805888647651
cg23279878	1	43464711		-0.0732938	-0.119419630209819	0.0615805888647651
cg04330631	6	42018203	TAF8	0.0382713	0.731293710442021	0.0615805888647651
cg09189978	22	38240632	ANKRD54;MIR658	0.0477546	0.316745658965131	0.0615805888647651
cg17155610	1	150382400	RPRD2	-0.0664483	-0.155793507118404	0.0615805888647651
cg25305397	19	13816206		-0.0271587	-0.0427722831365354	0.0615805888647651
cg18834652	11	94276072	FUT4	-0.0410101	-0.0778705467207683	0.0615805888647651
cg20054983	11	124496314	TBRG1;TBRG1	0.00420474	0.00624974413311849	0.0615805888647651
cg03835313	7	27137427	HOTAIRM1;HOTAIRM1	-0.0828359	-0.193065046941273	0.0615805888647651
cg25621735	2	230933934	SLC16A14	-0.070467	-0.135780397983663	0.0615805888647651
cg07163173	2	67624373	ETAA1	0.0218845	0.844238503428439	0.0615805888647651
cg26743529	10	29134817	C10orf126	-0.09138	-0.194981973751015	0.0615805888647651
cg23217542	15	65958740	DENND4A;DENND4A	-0.0724072	-0.13975208364853	0.0615805888647651
cg14294444	9	128003255	HSPA5	0.00258769	0.316150650228386	0.0615805888647651
cg18572609	3	136150391	STAG1	-0.0361366	-0.0577354687186095	0.0615805888647651
cg02400449	22	38857584		0.00913851	0.51913276573753	0.0615805888647651
cg03969724	1	6114997	KCNAB2;KCNAB2	-0.105223	-0.223452703936744	0.0615805888647651
cg00385596	11	76088726	PRKRIR	-0.012873	-0.0192169641794712	0.0615805888647651
cg06869501	19	21541044	ZNF738	-0.0456296	-0.0856101686697788	0.0615805888647651
cg15160573	1	28908642	SNORA16A;SNHG12	0.0141655	0.546277230644772	0.0615805888647651
cg03355286	12	20962423	SLC01B3	-0.102645	-0.240502047597891	0.0615805888647651
cg01626918	12	75978785		-0.0541841	-0.094112690154776	0.0615805888647651

cg07835289	1	236030215	LYST;LYST	0.0254648	0.494377554501753	0.0615805888647651
cg06339248	11	57435803	ZDHH5	0.0321551	1.07049594376483	0.0618218480558689
cg14550101	1	155247361	HCN3	0.006041	0.473896035793199	0.0622827562307827
cg06183295	3	108855390		-0.0773594	-0.155931999803372	0.0622827562307827
cg15662608	15	88247247		-0.0925302	-0.16914784585083	0.0623363912408582
cg19197830	2	170681574	METTL5	0.0174719	0.470928764297447	0.0623363912408582
cg16578267	1	937048	HES4;HES4	0.0203597	0.427381230628676	0.0623363912408582
cg14336526	11	30367246		-0.0472233	-0.0771379867816901	0.0623363912408582
cg02463478	16	30798048	ZNF629	0.00895012	0.515955851552336	0.0623363912408582
cg02761778	16	69643871	NFAT5;NFAT5;NFAT5;NFAT5	-0.0697791	-0.132105086937518	0.0623363912408582
cg23171573	15	41099257	ZFYVE19;DNAJC17	0.0316871	0.555342526545468	0.0623363912408582
cg09704553	12	27167052	TM7SF3	0.0427366	1.02636735118041	0.0623363912408582
cg09414262	22	19594239		-0.0700842	-0.122094624906562	0.0623363912408582
cg18330222	15	100831929	ADAMTS17	-0.0660202	-0.122121861524955	0.0623363912408582
cg05249419	15	78855388		-0.0652454	-0.11735162974594	0.0623363912408582
cg25380713	14	69927647	SLC39A9;SLC39A9;SLC39A9;SLC39A9;SLC39A9	-0.0242119	-0.03704744632317422	0.0623363912408582
cg15619333	12	133759653	ZNF268;ZNF268;ZNF268;ZNF268;ZNF268;ZNF268;ZNF268;ZNF268	-0.113064	-0.202075581886034	0.0623363912408582
cg00250391	11	93850000		-0.0487262	-0.0844331726692717	0.0623363912408582
cg16117070	2	20547854		-0.0580299	-0.135170718642343	0.0623363912408582
cg20878463	15	58358758	ALDH1A2;ALDH1A2;ALDH1A2	0.0391605	0.557022757666626	0.0623363912408582
cg03053914	1	173837504	SNORD75;SNORD74;GAS5;ZBTB37;ZBTB37;ZBTB37;ZBTB37	0.0531258	0.718292162084865	0.0623363912408582
cg17615565	11	11454265	GALNT18	0.00398016	0.00582609562810245	0.0623363912408582
cg17217228	14	63203565	KCNH5;KCNH5	-0.0748201	-0.166719586734686	0.0623363912408582
cg12126869	10	346505	DIP2C	-0.0427008	-0.068334971945728	0.0623363912408582
cg17390355	22	30228436	ASCC2;ASCC2	-0.0239137	-0.0366581283759943	0.0623363912408582
cg2328353	9	35605358	TESK1;TESK1	0.0443949	0.516876448595069	0.0623363912408582
ch.14.1499103R	14	93412334	ITPK1;ITPK1;ITPK1	0.0131298	1.00472394704947	0.0623363912408582
cg00380172	6	148663585	SASH1	0.0196525	0.450047095322357	0.0623363912408582
cg26258631	2	190648605	PMS1;ORMDL1;ORMDL1;PMS1;PMS1	0.00690641	0.516397307215803	0.0623363912408582
cg19571034	11	125462736	STT3A	0.0204544	0.721853534293137	0.0623363912408582
cg05075708	6	32940440	BRD2;BRD2	0.00935526	0.670069922213361	0.0623363912408582
cg01794932	1	1209696	UBE2J2;UBE2J2;UBE2J2;UBE2J2	0.0162833	0.83232888245868	0.0623363912408582
cg17819963	10	135191943	PAOX;PAOX;PAOX	0.0176928	0.529037838161361	0.062620306422343
cg13109045	14	105218947	SIVA1;SIVA1	0.0230246	0.925466337422788	0.0627142914522418
cg05947505	10	102800464	SFXN3	-0.0614374	-0.113768066657757	0.0627142914522418
cg06142946	11	17373124	DKFZp686O24166	0.0030447	0.310066616245669	0.0627142914522418
cg18281016	19	58790371	ZNF8;ZNF8	0.0237097	0.508437581725871	0.0627142914522418
cg05065230	3	49395807	GPX1;GPX1	0.0117197	0.650534173882929	0.0627142914522418
cg09706833	21	46824938	COL18A1	0.0441286	0.302312610626543	0.0627142914522418
cg11865519	15	101163830	ASB7;ASB7	-0.0265727	-0.0422017769457813	0.0627142914522418
cg08989903	1	24952794		-0.104994	-0.206386468371954	0.0627142914522418
cg20280386	10	99080417	FRAT1;FRAT1	0.021886	0.870816129646476	0.0627142914522418
cg12639796	1	32479246	KHDRBS1;KHDRBS1;KHDRBS1;KHDRBS1	0.0139864	1.40283964725664	0.0627142914522418
cg00603717	13	46039090	COG3;COG3	0.0292975	0.579886927891005	0.0627142914522418
cg11359770	2	26304137	RAB10	-0.0735431	-0.129190663649272	0.0628258293549384
cg02474542	11	72300891	PDE2A;PDE2A;PDE2A;PDE2A	0.008757	0.45754144812571	0.0629014080171654
cg19742870	9	71860887	TJP2;TJP2;TJP2;TJP2;TJP2;TJP2	-0.0857317	-0.15135920849825	0.0629014080171654
cg16201674	13	95364586	SOX21	0.0403307	0.548720854448031	0.0629014080171654
cg18457685	6	29760659	HCG4	0.0390255	0.976994982838922	0.0629014080171654
cg01879257	20	40513291		-0.0268267	-0.0409841035497993	0.0629014080171654
cg05804856	10	127715083	ADAM12;ADAM12	-0.0816788	-0.202533901620495	0.0629014080171654
cg13192053	8	60062434		-0.136257	-0.367375421274855	0.0629014080171654
cg12090014	1	182462043	RGSL1	0.0274402	0.0434373481496855	0.0629014080171654
cg23053573	1	26662567	AIM1L	0.00761081	0.337838405883455	0.0629014080171654
cg03216991	17	2415620	METT10D	0.0701359	0.272857633244329	0.0629014080171654
cg23415810	12	53920129	ATF7;ATF7;ATF7	-0.0772261	-0.129877449510882	0.0629014080171654
cg03363567	17	57642929	DHX40;DHX40;DHX40;DHX40	-0.00178017	-0.33543368966639	0.0629014080171654
cg05348421	17	1359962	CRK;CRK	0.0838292	0.484686515224238	0.0629160702151938
cg19889264	15	75018700	CYP1A1	0.0266173	0.576009779255354	0.0629160702151938
cg03537567	4	25375829		-0.0716623	-0.136608829718778	0.0629160702151938
cg06318239	2	234921750	TRPM8	-0.0148427	-0.0221963936969107	0.0629160702151938
cg00279778	22	45102452	PRR5;PRR5;PRR5;PRR5-ARHGAP8;PRR5;PRR5	-0.0672269	-0.140961945688283	0.0629160702151938
cg15701794	10	77156421		0.0213439	0.536986648997934	0.0629160702151938
cg06674436	5	1278864	TERT;TERT	0.00172153	0.00250492027090461	0.0633352380262148
cg05587970	11	61187174	CPSF7;CPSF7;CPSF7	-0.0690431	-0.124864169918003	0.0637961556823956
cg09507567	10	124027408		-0.0711497	-0.180372421226922	0.0637961556823956
cg05082095	1	155099843	EFNA1;EFNA1	0.026794	0.7460762723568	0.0637961556823956
cg08035151	6	31772251	2,00 LSM	-0.064149	-0.105479164502134	0.0637961556823956
cg09125080	5	71687192		-0.05139	-0.0852100695082129	0.0637961556823956
cg21215416	11	77532152	AAMDC;RSF1	0.0220654	0.659151956413864	0.0637961556823956
cg17357614	10	26965487		-0.0442607	-0.071754973240842	0.0637961556823956
cg04120002	20	51712963	TSHZ2	-0.0994753	-0.191898082205134	0.0637961556823956
cg01609171	16	127997	MPG;MPG;MPG	0.00904743	0.622360647962198	0.0637961556823956
cg08270825	9	125561317	OR1K1	-0.117115	-0.264893309038985	0.0637961556823956
cg20573956	1	112957882	BOC;BOC;BOC	-0.0808567	-0.157603228557427	0.0637961556823956
cg07855129	1	90287374	LRRRC8;LRRRC8	0.017677	0.421986461379683	0.0637961556823956
cg08452838	10	34451339	PARD3;PARD3;PARD3;PARD3;PARD3;PARD3;PARD3;PARD3	-0.038357	-0.0640829631844589	0.0637961556823956
cg17795164	2	153032738	STAM2	0.00704447	0.507205506669514	0.0637961556823956
cg19730147	8	124253706	C8orf76	0.0184468	0.545908073181726	0.0637961556823956
cg22851420	1	40149650	HPCAL4	0.0500983	0.673074516423237	0.0637961556823956
cg04233747	5	145214971	PRELID2;PRELID2;PRELID2	0.0348826	0.748688605080674	0.0637961556823956
cg11638071	17	56405967	BZRAP1;BZRAP1;BZRAP1;BZRAP1	0.0066043	0.444020224669512	0.0637961556823956

cg07616922	11	34049237		-0.0240793	-0.0369175763994513	0.0638198881746216
cg20774490	9	132565255	TOR1B	0.0261634	0.660631881947593	0.0638198881746216
cg21547976	19	1206451	STK11;STK11	0.0156429	0.784196317488346	0.0638198881746216
cg03590216	20	5931285	MCM8;MCM8;TRMT6	0.0220232	0.568961010098438	0.0638198881746216
cg07370464	17	43394456	MAP3K14	0.0313162	0.53398434761725	0.0638198881746216
cg01643110	3	47619726	CSPG5;CSPG5;CSPG5;CSPG5;CSPG5	0.013995	0.528559188398338	0.0638198881746216
cg25540078	4	144102007		-0.0628506	-0.121186448802502	0.0638198881746216
cg15332162	1	224370698	DEGS1	0.041956	0.814264324343054	0.0638198881746216
cg27346562	17	46166752	CBX1;CBX1	-0.0264477	-0.04094396888782	0.0638198881746216
cg13765002	6	144385134	PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1;PLAGL1	0.0111133	0.746521041381334	0.0638198881746216
cg12032191	1	46152434	TMEM69;GPBP1L1	0.0081279	0.551394224156435	0.0638198881746216
cg08207256	19	10828848	DNM2;DNM2;DNM2;DNM2;DNM2;DNM2;DNM2;DNM2;MIR638;DNM2	0.0278363	0.523450565158612	0.0638198881746216
cg13812249	9	71999962	FAM189A2;FAM189A2	-0.0761952	-0.171135172425229	0.0638198881746216
cg24082320	19	2328980	SPPL2B;SPPL2B;LSM7	0.0101392	0.429478684759344	0.0638198881746216
cg17588904	1	114493165	HIPK1;HIPK1;HIPK1	-0.130798	-0.287251078744532	0.0638198881746216
cg25022687	10	118032987	GFRA1;GFRA1;GFRA1;GFRA1	0.0105673	0.460248673509923	0.0638198881746216
cg22850304	1	39325639	RRAGC	0.01111	0.62976248056508	0.0638198881746216
cg11562147	6	36303570	C6orf222	-0.0273782	-0.0443737197563988	0.0638198881746216
cg15346191	2	242743588	GAL3ST2	0.028339	0.866763263628455	0.0638198881746216
cg04371440	12	112819495		0.00842127	0.535377513230685	0.0638198881746216
cg04921619	12	7000534		0.0118504	0.460782441530269	0.0638198881746216
cg18264753	6	138188625	TNFAIP3;TNFAIP3	0.0201452	0.800150303503658	0.0638198881746216
cg04253876	2	30453758	LBH	0.025793	0.670122789077451	0.0638198881746216
cg06837242	1	19578761	MRTO4;KIAA0090	0.0307467	0.7411952275720288	0.0638198881746216
cg22361604	1	61435148		-0.0756368	-0.141450013624474	0.0638198881746216
cg27485605	12	96430600	LTA4H;LTA4H;LTA4H	-0.0980579	-0.21218642806632	0.0638198881746216
cg12055421	2	74685521	WBP1	0.00397289	0.365814775785985	0.0638198881746216
cg20725035	3	148709344	GYG1	0.054214	0.608839905086403	0.0638198881746216
cg13599271	3	58291905	RPP14;RPP14	0.0299244	0.663075202016128	0.0638198881746216
cg14939446	16	2571015	AMDHD2;AMDHD2	0.00644167	0.487185528240149	0.0638198881746216
cg02892271	8	42120927	LOC101929897	-0.0131247	-0.0196934478763763	0.0638198881746216
cg14212045	5	142179386	ARHGAP26;ARHGAP26	-0.0599093	-0.103425554179631	0.0638198881746216
cg20326786	1	176912031	ASTN1;ASTN1	-0.10888	-0.250576004039036	0.0638198881746216
cg26320000	2	129902340		-0.0562036	-0.0931939328403634	0.0638198881746216
cg03980304	16	27325000	IL4R;IL4R	0.00835801	0.593882029317171	0.0638198881746216
cg24860356	20	33624140	TRPC4AP;TRPC4AP	-0.0637421	-0.111949100854468	0.0638198881746216
cg02254698	7	87508528	DBF4	-0.0580303	-0.0924538911038442	0.0638198881746216
cg14665812	5	170880235	FGF18	-0.0243247	-0.0392281803142874	0.0638198881746216
cg14559709	1	234785604	LOC101927787	-0.0500188	-0.078852237786281	0.0638198881746216
cg18374625	19	50004152	MIR150	0.0169717	0.502447375734477	0.0638198881746216
cg06194885	3	138150379		-0.0646466	-0.112536282112282	0.0638198881746216
cg08314795	20	42450922		-0.0758583	-0.138081153906915	0.0638486631192083
cg24078554	1	120182239	ZNF697	-0.0617158	-0.109803842766001	0.0638486631192083
cg05719672	15	91446576	MAN2A2	0.0253343	0.734221691123991	0.0640482042019922
cg00113951	12	121078090	CABP1	0.00892935	0.33861777053317	0.0641166877450315
cg05890550	17	2699706	RAP1GAP2;RAP1GAP2	0.00999376	0.664322518307905	0.0641203665745313
cg13950603	19	7795619	CLEC4G	0.019434	0.453922884789687	0.0642851491443453
cg20947164	10	124105011		-0.0198983	-0.029914288114485	0.0645256869037719
cg21341492	1	9836431	CLSTN1;CLSTN1;CLSTN1	-0.0905523	-0.18078546915667	0.0646954670925009
cg16438841	12	132149724		-0.0271332	-0.0409579277479921	0.0648343760594094
cg00673963	1	100731856	RTCD1;RTCD1;RTCD1;RTCD1	0.00644696	0.443979869694123	0.0648343760594094
cg07636362	8	79717261	IL7;IL7	0.0125302	0.610083861494778	0.0648343760594094
cg08517455	2	99439997	C2orf55	-0.0192496	-0.0297580869171712	0.0648343760594094
cg25867545	3	182880776	LAMP3	0.0424769	0.455634103906536	0.0648343760594094
cg08531746	13	113512905	ATP11A;ATP11A	-0.0487321	-0.0778102944545666	0.0648343760594094
cg11732949	10	7993238	TAF3	-0.0639877	-0.106434900839473	0.0648343760594094
cg07233389	9	112085534		-0.0601974	-0.101951486072205	0.0648343760594094
cg10059324	1	7884824	PER3	-0.0697186	-0.138390304825217	0.0648343760594094
cg13872879	19	51071324	LRRC4B	0.0253191	0.642048703415259	0.0648343760594094
cg14049549	12	132156010		-0.0670614	-0.118922055498333	0.0648343760594094
cg06984528	2	82062958		-0.0818923	-0.16151215200971	0.0648343760594094
cg02063360	14	105452560	C14orf79	0.0166429	0.495192704775618	0.0648343760594094
cg27568321	4	113152709	AP1AR;AP1AR	0.0315105	0.938460101734212	0.0648343760594094
cg14925091	13	113721521	MCF2L;MCF2L	-0.0497991	-0.0907748527860833	0.0648343760594094
cg23016347	10	75170966	ANXA7;ANXA7	-0.0572879	-0.116297149076041	0.0648343760594094
cg07500799	7	127650747	SND1	0.0142742	0.0218323750887338	0.0648343760594094
cg17102910	7	1126249	GPER;C7orf50;C7orf50;GPER;C7orf50;GPER	-0.0499642	-0.110831642296786	0.0648343760594094
cg01167366	10	12742170	CAMK1D;CAMK1D	-0.0349313	-0.0551432246967248	0.0648343760594094
cg16494260	14	55967277		-0.0335065	-0.05312306119947757	0.0648343760594094
cg12064008	1	32827730	LOC100128071;LOC100128071;TSSK3	0.0124122	0.836972608092615	0.0648343760594094
cg01918066	20	43159964	PKIG;PKIG;PKIG;PKIG	-0.0611691	-0.103382662917855	0.0648343760594094
cg23300001	10	134628152		-0.0279493	-0.0453242943940102	0.0648343760594094
cg16693127	10	62493129	ANK3;ANK3	0.0302836	0.642273627317725	0.0648343760594094
cg10194899	6	43248849	TTBK1	-0.116097	-0.223700208901231	0.0648343760594094
cg21647833	17	57184330	TRIM37;TRIM37	0.00908776	0.623015208407843	0.0648343760594094
cg12142685	10	12391596	CAMK1D;CAMK1D;CAMK1D;CAMK1D	0.0488211	0.341559374663839	0.0648343760594094
cg21396456	3	43021214	FAM198A	0.0134607	0.461375266296268	0.0648343760594094
cg18780740	6	80516964	C6orf7	-0.0397678	-0.0648091976386578	0.0651479690567066
cg24467825	6	30302667	TRIM39;TRIM39	-0.0896621	-0.175729408630665	0.0651577145239516
cg01169772	5	41904236	C5orf51	0.00447064	0.355825617936927	0.0651577145239516
cg00181527	9	135754163	AK8;AK8;C9orf9	0.0140459	0.643102941836349	0.0651577145239516
cg08101859	4	56280173	TMEM165;TMEM165	-0.0487716	-0.0816889367005565	0.0651577145239516

cg03770187	1	247979766	OR14A16	-0.0698373	-0.165570996884996	0.0651577145239516
cg14264457	18	52679522		-0.0550925	-0.0927886757936148	0.0651577145239516
cg04947856	2	239112553	ILKAP	0.00562793	0.48718065177299	0.0651577145239516
cg21576095	17	72586279	CD300LD;C17orf77;C17orf77	-0.0966843	-0.206797794983897	0.0651577145239516
cg16174680	8	41504078	NKX6-3	0.00374581	0.350879218451131	0.0651577145239516
cg19744051	5	55294284		-0.0952469	-0.185776889023513	0.0651577145239516
cg04517323	8	98788873	LAPTM4B	0.0336988	0.494811858905731	0.0651577145239516
cg17748061	4	11368007		-0.0123674	-0.0189120813142202	0.0651577145239516
cg06002947	16	28936713	RABEP2	0.0256892	0.737068337710918	0.0651577145239516
cg08649501	3	41997107	ULK4	-0.0196755	-0.0303475405577021	0.0651577145239516
cg23702073	1	36621802	MAP7D1;MAP7D1;MAP7D1;MAP7D1;MAP7D1;MAP7D1;TRAPP3	0.0390835	0.397833489777629	0.0651577145239516
cg17480615	3	3137289	IL5RA;IL5RA;IL5RA;IL5RA;IL5RA;IL5RA	-0.0325451	-0.0511275196506931	0.0651577145239516
cg16516670	8	71382800	LOC101926892	-0.0754466	-0.125278216078251	0.0651577145239516
cg16162324	12	104852047	CHST11	0.00614505	0.439920938918579	0.0651577145239516
cg07232475	15	44069664	ELL3	0.00610087	0.526711229533145	0.0652094004001671
cg22486192	16	29848547	MVP;MVP;MVP;MVP	-0.0785948	-0.156417883502449	0.0652094004001671
cg00047843	12	83321412	TMTC2	-0.0881619	-0.180619753075834	0.0652094004001671
cg13070817	2	204861567		-0.0486798	-0.100278602399761	0.0652094004001671
cg13148818	2	85956418		0.0168652	0.178984893768791	0.0652094004001671
cg25150333	12	132195268	SFRS8	0.0197311	0.660939984645658	0.0652094004001671
cg24799451	11	134093757	NCAPD3;VPS26B	0.00546344	0.481844426519193	0.0652094004001671
cg17103081	4	22514419	GPR125	-0.0663631	-0.111430554091274	0.0652094004001671
cg05814555	1	62902599	USP1;USP1;USP1;USP1	0.0121553	0.463821415907693	0.0652094004001671
cg15573783	19	45927056	ERCC1;ERCC1;ERCC1;ERCC1;ERCC1	0.0277155	0.258304783477381	0.0652094004001671
cg07143898	10	98945300	SLIT1	0.0190158	0.737166264855784	0.0652094004001671
cg17985418	17	66031785	KPNA2	0.0206371	1.03839687079326	0.0652094004001671
cg03450784	1	228358760	IBA57	0.00909407	0.013544099777652	0.0652094004001671
cg06086148	3	128399777		0.0172908	0.966117951213305	0.0652094004001671
cg20719132	19	56028425	SSC5D	0.016079	0.449739076101465	0.0652094004001671
cg07844072	19	1372272	MUM1;MUM1	-0.0563869	-0.0907049266358928	0.0652094004001671
cg08697280	20	36322294	CTNBL1;CTNBL1	0.0177721	0.535063766414878	0.0652094004001671
cg12532831	4	144230446		-0.0602921	-0.106037555472037	0.0652094004001671
cg24920997	3	192109830	FGF12;FGF12	-0.0860804	-0.20076879733906	0.0652094004001671
cg19763809	2	98703475	VWA3B	0.0298374	0.402075561637214	0.0652094004001671
cg24681048	20	25604516	ZNF337-AS1;ZNF337-AS1;ZNF337-AS1;NANP	0.0273047	0.622344363243982	0.0652094004001671
cg00210473	6	41341942		0.0125438	0.4807205805073841	0.0652094004001671
cg09554951	11	2890725	KCNQ1DN	0.0290764	0.559266416524886	0.0652094004001671
cg14090374	1	85667233	SYDE2	0.0132492	0.472712373975146	0.0652094004001671
cg14541281	16	22321484	POLR3E;POLR3E;POLR3E;POLR3E;POLR3E	-0.0472542	-0.0796460743371714	0.0652094004001671
cg07475973	22	42306951		0.00557833	0.395702471226999	0.0652094004001671
cg02973875	3	126196376		-0.0813028	-0.141792219488226	0.0652094004001671
cg02112893	17	29718165	RAB11FIP4	0.0284344	0.465956358816795	0.0652094004001671
cg15744637	11	809911	RPLP2	0.0366198	0.903126909380253	0.0652094004001671
ch.1.198578402R	1	200311779		0.00489731	0.398559779138434	0.0652094004001671
cg15700924	7	139244174		-0.0210618	-0.0321406574225035	0.0652094004001671
cg17796333	6	52511342		-0.0149464	-0.0224596424265915	0.0652094004001671
cg11621243	20	20200773	CFAP61	-0.0741439	-0.128595989600617	0.0652094004001671
cg20078939	11	33060711	TCP11L1;TCP11L1	0.0135202	0.699661756951133	0.0652094004001671
cg25444556	5	153990114		0.00564994	0.508578851769046	0.0652094004001671
cg24172570	7	27561178		-0.0469667	-0.0817263399554602	0.0652094004001671
cg08823985	6	137366545	IL20RA	-0.0908203	-0.266230545677179	0.0654026339937296
cg11973877	1	52195423	OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.00926232	0.547591395420158	0.0655503107967182
cg09826550	4	47839283	CORIN	0.0102061	0.58298979949485	0.0655503107967182
cg04108296	1	167691246	MPZL1;MPZL1;MPZL1;MPZL1;MPZL1;MPZL1	0.0159242	0.507364748287883	0.0655936653150758
cg02120513	5	36272252		-0.0414744	-0.0721708979541832	0.0657883333179143
cg05174943	10	134513773	INPP5A	-0.0190437	-0.0289772694704869	0.0657883333179143
cg18092614	17	40729792	PSMC3IP;PSMC3IP;PSMC3IP;PSMC3IP;PSMC3IP;PSMC3IP;PSMC3IP;PSMC3IP	0.0361091	0.611997648958867	0.0657883333179143
cg04231929	9	93556220		-0.0896076	-0.209388460128029	0.0659412720310244
cg20297940	1	14746121		-0.0503674	-0.0866316016232431	0.0659412720310244
cg18785467	6	88412083	NCRNA00120;AKIRIN2	0.0392611	0.544835372355626	0.0659412720310244
cg01337508	17	40540572	STAT3;STAT3;STAT3	0.0107816	0.480424235742401	0.0659412720310244
cg25320496	2	130876007	POTEF	-0.107667	-0.264185861045224	0.0659412720310244
cg08314899	12	102045493	MYBPC1;MYBPC1;MYBPC1;MYBPC1;MYBPC1;MYBPC1;MYBPC1;MYBPC1;M	-0.0585806	-0.101635820641524	0.0659412720310244
cg15794350	12	56395187	SUOX;SUOX;SUOX	-0.0476823	-0.0843587082856408	0.0659412720310244
cg27452651	22	50312357	ALG12;CRELD2;CRELD2;CRELD2;CRELD2	0.017997	0.547055439471786	0.0659412720310244
cg17790113	3	125652101	ALG1L	-0.0189499	-0.0290823711366943	0.0659412720310244
cg01438737	20	42086396	SFRS6	0.0278108	1.14427033891715	0.0659412720310244
cg14797322	12	58165899	FAM119B;METTL1;METTL1;METTL1;METTL1;FAM119B	0.0154812	1.28454544363917	0.0659412720310244
cg24595041	2	9761870	YWHAQ	-0.0586556	-0.121974992885069	0.0659412720310244
cg04728296	4	16641464	CPE	-0.0333519	-0.367200785486134	0.0659412720310244
cg20469575	4	169122189		-0.113616	-0.215307713282418	0.0659412720310244
cg24126592	11	46389363	DGKZ;DGKZ;DGKZ;DGKZ	0.0527542	0.624237417326842	0.0659412720310244
cg06466360	18	749231	YES1	-0.0523583	-0.0927575612330321	0.0659412720310244
cg16976547	15	91433530	FES;FES;FES;FES	-0.0353304	-0.0561871104437334	0.0659412720310244
cg25974903	1	65211057	RAVER2	0.0112255	0.479746537373149	0.0659412720310244
cg11874143	3	138065751	MRAS	-0.0665966	-0.158163835077923	0.0660260871819099
cg26894684	13	52378339	DHRS12;DHRS12	0.014579	0.800516642182949	0.0660431357896831
cg05158631	6	43862455	LINC01512	-0.0256036	-0.0405336888650117	0.0660431357896831
cg26471385	21	43299747	PRDM15;PRDM15;PRDM15;PRDM15;PRDM15	0.0144673	0.610126967879684	0.0660431357896831
cg19034733	8	130096484		-0.0371837	-0.0601080869844593	0.0660431357896831
cg14033917	1	32609664	KPNA6	-0.0773353	-0.143263486343489	0.0661490926086976
cg23664545	17	74070257	GALR2	0.0425443	0.504219587703997	0.0661490926086976

cg25992738	7	152589017		-0.078651	-0.163853664306983	0.0661490926086976
cg22120988	12	65515350	WIF1	0.0259843	0.835081703773288	0.0661490926086976
cg25348336	2	39003850	GEMIN6	-0.0634628	-0.139071793271966	0.0661490926086976
cg02181968	12	39836347	KIF21A	0.0209423	0.4259353237836	0.0661490926086976
cg02402209	4	152249812		-0.0938889	-0.178857127323233	0.0661490926086976
cg07691152	12	103355123		0.0486774	0.376808370987826	0.0661490926086976
cg23454177	16	67970396	PSMB10	0.0141861	0.89934394879734	0.0661490926086976
cg021753290	20	37376903	ACTR5	0.0092375	0.746942385692137	0.0661868360705664
cg11644394	7	144148615		-0.118111	-0.244881827795912	0.0661868360705664
cg27484621	18	6788200		-0.019483	-0.0295778373718991	0.0661868360705664
cg03580256	1	78149279	ZZZ3:ZZZ3	0.0220957	0.381684666113491	0.0661868360705664
cg11555752	3	187925787	LPP	-0.0146395	-0.0221426921486004	0.0661868360705664
cg09453280	14	35403910		-0.0538564	-0.0856147183223715	0.0661868360705664
cg05702448	1	167905194	DCAF6:BRP44;BRP44;BRP44;DCAF6;BRP44	0.0417355	1.01364336907873	0.0661868360705664
cg13027404	15	53095984		0.0245252	0.784194577061812	0.0661868360705664
cg01334211	8	141729014	PTK2;PTK2;PTK2	-0.0774735	-0.17907950513204	0.0663898045527364
cg13916146	15	63248230		-0.0583237	-0.100317834464066	0.0663898045527364
cg25202793	8	129829827		0.0743718	0.134574371616318	0.0663898045527364
cg17087373	10	82212706	TSPAN14;TSPAN14	-0.0738093	-0.134818511083352	0.0664628725553255
cg25192948	1	32479490	KHDRBS1;KHDRBS1	0.0280339	0.567957299019665	0.0664628725553255
cg17891820	4	55524400	KIT;KIT	0.0102474	0.545270756457071	0.0664628725553255
cg08216131	20	2637503	NOP56;SNORD57;NOP56	0.0134433	0.0204176034509982	0.0664628725553255
cg21302194	4	155412348	DCHS2;DCHS2	0.0349949	0.707996772204644	0.0664628725553255
cg03195060	15	74334206	PML;PML;PML;PML	0.00838194	0.0124230971012386	0.0664628725553255
cg18153578	19	38893604	FAM98C	0.00929316	0.52173210577385	0.0664628725553255
cg27052090	14	54939059		-0.0621383	-0.10661152516315	0.0664628725553255
cg03710333	4	1722958	TMEM129;TACC3;TMEM129;TMEM129;TMEM129	0.00890594	0.438634761534602	0.0664838944298731
cg16855870	2	886764		-0.0367075	-0.0581332705383853	0.0666128737106594
cg21646191	1	116381654	NHLH2;NHLH2	0.0306331	0.812722276007753	0.066665239364637
cg25342861	17	45177598		0.0196743	0.588557896110531	0.0666655228457385
cg03922588	11	62473871	GNG3;BSCL2;BSCL2;BSCL2;BSCL2;HNRNPUL2;BSCL2;BSCL2	0.0366306	0.667536985579221	0.0666655228457385
cg25506386	3	63849756	THOC7;ATXN7;ATXN7	0.0274603	0.741032989353084	0.0666655228457385
cg01030973	1	2574695		-0.00794304	-0.367825768432081	0.0666655228457385
cg05415131	11	58940866	DTX4	0.0161662	0.536945532878599	0.0666655228457385
cg01624301	9	128469583	MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1;MAPKAP1	0.0135492	0.41260120602019	0.0666655228457385
cg01579535	12	54447292	HOXC4;HOXC4	0.0349119	0.655390081150558	0.0666655228457385
cg24695441	1	16751686	SPATA21	-0.0720143	-0.1442042488924831	0.0666655228457385
cg03458099	2	223532694		-0.0508228	-0.0836523324846008	0.0666655228457385
cg05110693	16	71928225	IST1;IST1;IST1;IST1;IST1;IST1	0.0296421	0.532394403591275	0.0666655228457385
cg25531497	10	25465219	GPR158;LOC100128811	0.0151848	0.548247224818937	0.0666655228457385
cg04293275	10	9710767		-0.0625361	-0.105285466599518	0.0667384182260743
cg23126234	2	229549575		-0.025976	-0.0410429808465107	0.0667384182260743
cg26261342	12	56512029	ZC3H10;ZC3H10	0.00791586	0.405898988950705	0.0667401829846008
cg21144673	22	42017783	PPPDE2;XRCC6	0.0109167	0.682870904583575	0.0667401829846008
cg04258637	8	100907546	COXC6	-0.0651819	-0.18936742821514	0.0667401829846008
cg02654704	16	74685448	RFWD3	-0.0645434	-0.120823653883946	0.0667401829846008
cg08677672	12	124891822	NCOR2;NCOR2;NCOR2	0.0146458	0.0224811258718943	0.0667401829846008
cg19656847	11	75996257		-0.0628894	-0.109192569856681	0.0667401829846008
cg11351687	6	170863423	PSMB1;TBP	0.0295069	0.762155123697487	0.0667401829846008
cg06497893	4	152454119	FAM160A1	-0.077181	-0.157849813933024	0.0667401829846008
cg25370859	12	107712557	BTBD11;BTBD11	0.0165048	0.737893631015884	0.0667401829846008
cg03758181	10	102989325	FLJ41350;LBX1	0.0117322	0.387474561943846	0.0667401829846008
cg20118422	15	64455210	PPIB;PPIB	0.0545486	0.6982471580451291	0.0667401829846008
cg10007520	16	88658109	ZC3H18;ZC3H18	-0.0960955	-0.208661663550529	0.0667401829846008
cg14069192	9	99381052	CDC14B;CDC14B	0.0199868	0.369733209362439	0.0667401829846008
cg22340644	7	75368344	HIP1	0.00812151	0.494559271270775	0.0667401829846008
cg16618685	16	23608722	NDUFAB1	-0.0737672	-0.124192346586474	0.0667401829846008
cg27072387	2	33171699	LTBP1	0.00833402	0.507248483134157	0.0667401829846008
cg18331855	17	1131781		0.0277704	0.679807548501624	0.0667401829846008
cg22489991	6	11383195	NEDD9;NEDD9	-0.0898996	-0.170678605305438	0.0667401829846008
cg14719675	2	25142882	ADCY3	0.0197358	0.475800999674804	0.0667401829846008
cg10932242	14	100659592		0.0217799	1.15157032343142	0.0667401829846008
cg26653326	8	124742606	ANXA13;ANXA13	-0.124359	-0.276655350261752	0.0668638661234761
cg08104527	18	13217953	C18orf1;C18orf1	0.0161083	0.355005153130846	0.0669305281337343
cg16632132	16	1122873	LOC146336	0.040199	0.649009570646493	0.066929898153562
cg23294576	4	89128206	ABCG2	-0.079682	-0.162619380151936	0.0670918661730173
cg01430633	9	138987312	NACC2	0.0407259	0.81621312912713	0.0670918661730173
cg21955154	4	40999951	APBB2;APBB2;APBB2	-0.0610445	-0.15562056166921	0.0672382154742153
cg21442773	1	236029828	LYST	0.0186753	0.862712341856214	0.0673722200276347
cg03554573	11	111155021	C11orf53	0.0761961	0.271203745384014	0.0673722200276347
cg13608561	12	68039127		-0.00616156	-0.00910854410134222	0.0673722200276347
cg08844364	6	108850201		0.00806831	0.0119525157018139	0.0673722200276347
cg26589485	17	1838439	RTN4RL1	-0.01872	-0.0285102968769093	0.0673722200276347
cg15067515	12	49667670		-0.0473166	-0.0784004114853347	0.0673722200276347
cg01919034	15	69741819		-0.099886	-0.204032278831079	0.0673722200276347
cg22944187	12	128306001		-0.0594492	-0.0959732587125408	0.0674981221322804
cg20684937	5	12661875		-0.0416046	-0.0641673706237992	0.0674981221322804
cg00561610	3	52480253	SEMA3G	0.00865477	0.0128215351147261	0.0674981221322804
cg04725029	1	15850746	CASP9;CASP9;CASP9;CASP9	0.0186687	0.539788590720692	0.0674981221322804
cg13974753	5	149553071	CDX1	-0.0130167	-0.0194950122693138	0.0676818262290003
cg07576016	5	1523261	LPCAT1	0.0154165	0.72098387232332	0.0676939125229721
cg24634568	1	43250769		0.0795442	0.616146638289077	0.0676939125229721

cg15924509	1	2322543	RER1;MORN1	0.0081002	0.385113784340493	0.0676939125229721
cg10884662	15	75871802	PTPN9	0.0388406	0.713801807073141	0.0676939125229721
cg14832349	16	54301124	LOC100996338	-0.117309	-0.228800020059811	0.0676939125229721
cg26325497	19	54199538	MIR525	-0.121804	-0.434835675413966	0.0676939125229721
cg20819397	9	123964132	RAB14;RAB14	0.0155343	0.793614066711042	0.0676939125229721
cg21325609	15	90645961	IDH2;IDH2	0.00940004	0.50362442770184	0.0677792193279821
cg04193484	12	57620856		0.0187291	0.631442802911594	0.0679131757592796
cg14397361	9	140149997	COBRA1	0.0464092	1.86275053013731	0.0679131757592796
cg05118743	7	36013332		-0.0296357	-0.0471633988779721	0.0679131757592796
cg22346963	1	172247606	DNM3;DNM3	-0.0764813	-0.161761733001979	0.0679131757592796
cg10585421	8	52850164		-0.0585772	-0.119620198552922	0.0679131757592796
cg24619626	15	25380133	PAR1	-0.0198069	-0.0299677311168329	0.0679131757592796
cg00661205	13	42400902	KIAA0564;KIAA0564	-0.0537476	-0.101416748230367	0.0679131757592796
cg15288815	8	74659085	STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STAU2;STA	0.00688114	0.626238705440777	0.0679225427004522
cg15834198	2	65701984		-0.0272748	-0.0421752846767146	0.0680264516709495
cg22932101	14	71815816		-0.113009	-0.254664391395558	0.0680556560389075
cg17026475	15	37391480	MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2;MEIS2	0.0114949	0.670500229142117	0.068135787766705
cg02568904	19	36606206	TBCB;TBCB;TBCB;POLR2I	0.0285316	0.725565119142183	0.0682610117226496
cg21045612	9	17134839	CNTLN;CNTLN;CNTLN;CNTLN	0.0267191	0.578398687214591	0.0682710808114525
cg13023786	15	79606973	TMED3;TMED3;TMED3	0.00485113	0.00712809767445071	0.0683829546751411
cg05435065	7	75544030	POR	0.0232064	0.971863494070089	0.0683829546751411
cg03119031	6	31620547	BAT3;BAT3;BAT3;BAT3	0.00539473	0.417957333411673	0.0686618404415626
cg18228326	1	17446068	PADI2	0.00535572	0.360465727343792	0.068825152040529
cg24654547	16	68057165	DUS2L;DDX28;DDX28	0.0801211	1.59762538018473	0.068825152040529
cg19350162	12	124927552	NCOR2;NCOR2	-0.0361134	-0.0577976526267136	0.068825152040529
cg04581285	16	24682924	LINC01567	-0.0578514	-0.1024754114988	0.068825152040529
cg24529484	19	47933421	SLC8A2	0.0167611	0.470417053481473	0.068825152040529
cg00221445	8	74183964		-0.0392332	-0.0611677225412433	0.068825152040529
cg09336406	2	20068906		0.0200486	0.60305963078358	0.068825152040529
cg12928759	2	74756470	HTRA2;AUP1;HTRA2	0.0282419	0.557838571327992	0.068825152040529
cg24159214	3	50402751	CACNA2D2;CACNA2D2	0.0178771	0.427387653273019	0.068825152040529
cg15427004	3	38179858	ACAA1;ACAA1;ACAA1;MYD88	0.0100488	0.492674273285443	0.068825152040529
cg19325000	2	74710102	CCDC142;CCDC142;TTC31;TTC31	0.00945089	0.752825698719212	0.068825152040529
cg09868336	3	68981866	FAM19A4;FAM19A4	0.0335389	0.566566739088038	0.068825152040529
cg11227817	11	133716095	SPATA19;SPATA19	-0.0371399	-0.0582228061554492	0.068825152040529
cg24356725	4	1340288	KIAA1530	0.0100549	0.490637109857105	0.068825152040529
cg13482308	9	37002685	PAX5	0.0292463	0.704030128842211	0.068825152040529
cg00680003	6	30523449	GNL1;PRR3;PRR3	0.0375622	0.548565403805705	0.0688574585918995
cg04704021	7	100942858		0.034448	0.5254447445519798	0.0688574585918995
cg20974817	16	89788246	ZNF276;ZNF276;ZNF276;ZNF276;ZNF276;ZNF276;ZNF276;ZNF276;ZNF276;ZNF276	0.0172568	1.09493594582349	0.068953268497513
cg05373655	1	228660732		-0.0543392	-0.13285734858933	0.0689639948460279
cg09718295	6	160182856	ACAT2	0.0245779	0.826662953709992	0.069124782163179
cg09039698	16	30007384	HIRIP3;INO80E;HIRIP3	0.0081088	0.553085776371742	0.0692049703646304
cg16406226	20	42086458	SFRS6	0.0290504	0.506625376419407	0.0692288869536783
cg01706621	15	88247258		-0.0607077	-0.100583133167584	0.0692288869536783
cg27022615	11	70049105	FADD	0.0120178	0.68621313813335	0.0692561608659109
cg20137918	1	52388141	RAB3B	-0.0546464	-0.0888374443167739	0.0692561608659109
cg13137376	6	30712221	IER3	0.0332586	0.543056800558439	0.0692561608659109
cg24714100	6	30290603	HCG18;HCG18	-0.096206	-0.224224641526472	0.0692561608659109
cg20964023	14	91976739	SMEK1	0.0134801	0.497143742163714	0.0692561608659109
cg02641288	5	1883011	IRX4	0.00803118	0.492895025293279	0.0692561608659109
cg00731917	18	60263973		0.0122251	0.433683677050834	0.0692561608659109
cg02986878	9	117275370		-0.0751748	-0.135623665856737	0.0693509726914498
cg11825411	7	50631741	DDC	-0.0105446	-0.0158400268623194	0.0693509726914498
cg10825881	15	52252059	TMOD3	-0.058409	-0.104606622684285	0.0693509726914498
cg26220419	11	107880052	CUL5;CUL5	0.0113388	1.28117575888744	0.0693509726914498
cg04905448	2	69002063	ARHGAP25;ARHGAP25;ARHGAP25;ARHGAP25;ARHGAP25;ARHGAP25	0.00927822	0.674067907218933	0.0693509726914498
cg07995179	6	85484287		0.00864154	0.5144481263165439	0.0693509726914498
cg12662767	14	75421955	PGF;PGF;PGF;PGF;PGF;PGF	0.00824612	0.452671372167894	0.0693958169019876
cg15119683	6	38533031	BTBD9;BTBD9;BTBD9;BTBD9	-0.0937123	-0.18144548728506	0.0694216674076264
cg10830758	10	95462430	C10orf4	0.0128775	0.663971368229475	0.0695020477439938
cg15363887	11	57414557	YPEL4	0.0416918	0.427968322678043	0.0695070059736163
cg12171249	7	11606963	THSD7A	-0.0686292	-0.16384789115108	0.0695207673697441
cg03480336	21	33800475	EVA1C;EVA1C;EVA1C	-0.0283903	-0.0439254787173863	0.0698413931085226
cg00529697	5	75013131	C5orf37;C5orf37	0.0431308	0.549096938240806	0.0698413931085226
cg21294812	6	13272270	MOXD1	0.0114735	0.619699660142433	0.0698413931085226
cg08886046	2	130691738	LOC389033	0.0956877	0.525160982547562	0.0698413931085226
cg24182293	3	193852998	HES1	0.0181238	0.360335670578433	0.0698413931085226
cg18753296	6	31630923	BAT4	-0.0196436	-0.0305931726424344	0.0698413931085226
cg00597931	8	142179697	DENND3	-0.0160966	-0.0240872037031929	0.0698413931085226
cg05862114	7	130132259	MEST;MEST;MEST1T1;MEST	0.0599482	0.318030270554114	0.0698413931085226
cg17053871	20	34043114	CEP250	0.0228153	0.63723156770247	0.0698413931085226
cg11059266	4	48782139	FRYL;FRYL	0.0373426	0.440988748437561	0.0698413931085226
cg24059612	19	54585167	TARM1	-0.0598222	-0.0995865756832643	0.0698413931085226
cg17117277	19	3822126	ZFR2	0.0127871	0.79943715311292	0.0698413931085226
cg10507649	21	43916595	RSPH1	0.0148768	0.48146894460905	0.0698413931085226
cg25044026	6	84418700	SNAP91;SNAP91;SNAP91;SNAP91;SNAP91;SNAP91	0.023455	0.401170126499314	0.0698413931085226
cg19175585	16	71392493	CALB2;CALB2;CALB2	0.00589759	0.39878600832016	0.0698413931085226
cg02081018	21	38445169	PIGP;PIGP;TTC3;PIGP	0.0162754	0.458734723964053	0.0698413931085226
cg10858909	4	99850288	E1F4E;E1F4E;E1F4E;E1F4E	0.0046494	0.44863626650379	0.0698413931085226
cg21183638	22	31701338		-0.0779385	-0.159734882689133	0.0698413931085226
cg15809122	22	23487482	RAB36	0.0127073	0.495904593242237	0.0698413931085226

cg26175410	17	74233903	RNF157	-0.0202907	-0.0305491679259575	0.0698465658529427
cg19120943	2	113304419	POLR1B;POLR1B;POLR1B;POLR1B;POLR1B;POLR1B	-0.0627494	-0.114893840389393	0.0698465658529427
cg19948014	21	33032656	SOD1	0.0065562	0.551876613321316	0.0698465658529427
cg18590436	5	159582684		-0.0298833	-0.0461271162428214	0.0698465658529427
cg26213885	1	88675834		-0.0169038	-0.0263495156835324	0.0698465658529427
cg26095478	22	46377526		-0.0678056	-0.123937180161904	0.0698465658529427
cg24863821	10	3793247		-0.0128338	-0.019431152077021	0.0698465658529427
cg27380774	11	1000560	AP2A2	-0.0235567	-0.0365569525791144	0.0698465658529427
cg16895948	1	145610875	POLR3C;POLR3C;RNF115	0.0125308	0.910476005474599	0.0698465658529427
cg21694044	22	41215540	SLC25A17	0.0337799	0.356285627744798	0.0698465658529427
cg08164950	6	147981771		-0.0312777	-0.0483289087414644	0.0698465658529427
cg00994643	8	23082826	TNFRSF10A	0.0168936	0.784023726389372	0.0698465658529427
cg25960393	8	9106559		-0.0976028	-0.520849470489707	0.0698465658529427
cg13173369	1	32444348		-0.0285244	-0.0467436392800985	0.0698465658529427
cg25942155	20	2607828	TMC2	-0.0121865	-0.0182994206022411	0.0698465658529427
cg06070291	15	44828899	EIF3J	0.0386422	0.871203717104843	0.0698465658529427
cg09753043	11	43596920		0.0156151	0.489485721447394	0.0698465658529427
cg18289490	20	48532070	SPATA2;SPATA2	0.0525901	0.899503126304331	0.0698465658529427
cg12194493	4	493061	PIGG;ZNF721;PIGG;PIGG;PIGG;ZNF721	0.00484296	0.390896765553131	0.0698465658529427
cg11989968	2	173421429	PK1;PK1;PK1;PK1	0.00793331	0.62196614418815	0.0698465658529427
cg12789522	15	78423758	CIB2;CIB2	0.0294098	0.450542196222334	0.0698465658529427
cg06316818	15	83306789	CPEB1;CPEB1	-0.0515781	-0.0826188661110486	0.0698656661582179
cg10483909	1	243418637	CEP170;CEP170;CEP170;SDCCAG8;CEP170;CEP170;CEP170	0.00563946	0.343912413988546	0.0698656661582179
cg09870066	2	68546685	CNRIP1;CNRIP1;CNRIP1;CNRIP1	0.0251553	0.554688962033358	0.0698656661582179
cg13471915	1	162531167	UAP1	0.00650095	0.365706009454905	0.0698656661582179
cg01114186	6	31940183	STK19;STK19;STK19;DOM3Z	0.0129503	0.596390213262971	0.0698656661582179
cg24554839	1	166124903	MIR921;FAM78B	-0.0186429	-0.029865228175759	0.0698656661582179
cg14792270	11	85955165	EED;EED	-0.0444832	-0.155144302977824	0.0698656661582179
cg10319399	8	145018285	PLEC1;PLEC1;PLEC1;PLEC1;PLEC1;PLEC1	0.023048	0.647783904676687	0.0698656661582179
ch.2.157204871R	2	157496625		0.0109292	0.386869091163178	0.0698656661582179
cg02625641	15	59041175	ADAM10	0.0442595	0.931903413038198	0.0698656661582179
cg01771876	2	11886613	LPIN1	0.0242658	0.729643425856769	0.0698656661582179
cg17938619	18	8929488		-0.0429504	-0.0695309794259912	0.0698656661582179
cg22837406	14	76618409	C14orf118;C14orf118	0.0246656	0.486244586802427	0.0698656661582179
cg01579019	8	27695516	PBK	0.00978815	0.497516790145951	0.0698656661582179
cg17864958	1	224370909	DEGS1;DEGS1	0.044987	0.557143748203732	0.0698656661582179
cg13529288	7	100209880	MOSPD3;MOSPD3;MOSPD3;MOSPD3	0.0110005	0.692175081776973	0.0698656661582179
cg27365485	11	64126452	RPS6KA4;RPS6KA4	0.026834	0.765039727677897	0.0698812827786955
cg02676434	3	38066785	PLCD1;PLCD1;PLCD1	0.00430861	0.382352013515795	0.069933977138814
cg05949385	1	199984216		-0.0953656	-0.182742827361973	0.0703791515614276
cg18663063	5	68710907	MARVELD2;MARVELD2	0.0396169	0.480489590292583	0.0703791515614276
cg23525438	6	17016226		0.0977455	0.60453010276933	0.0705201853386366
cg061014792	17	7382760	ZBTB4;ZBTB4	0.0185336	0.617312555674958	0.0705201853386366
cg11990813	17	2603739	KIAA0664	-0.034898	-0.0550739769114628	0.0707051197797108
cg22111723	13	21872664		0.0196094	0.920862944377972	0.0707051197797108
cg10151248	11	66639567	PC;PC;PC	-0.0278134	-0.0430429552043742	0.070755072675609
cg20997773	11	117667841	DSCAML1	0.0155901	0.478624042642867	0.0707707474335027
cg22238304	2	206981412	LOC100329109	-0.0570367	-0.122952157528604	0.0707707474335027
cg23105839	10	135050004	VENTX	0.0207225	0.842648463882748	0.0707707474335027
cg02239805	7	114562316	MDFIC;MDFIC;MDFIC;MDFIC;MDFIC	0.0392744	0.557417713504868	0.0707707474335027
cg01216311	17	7025714		-0.0669433	-0.438671125866982	0.0707707474335027
cg01337968	7	129355101	NRF1;NRF1;NRF1;NRF1	-0.0376147	-0.0584057326485407	0.0707707474335027
cg05655069	3	119883253		-0.0158786	-0.0238812756240304	0.0707707474335027
cg02729011	16	699500	WDR90	0.0228263	0.62762758322207	0.0707707474335027
cg04210100	2	9614471	IAH1	0.0210803	0.690230249999299	0.0707707474335027
cg04111478	11	1991677		0.0705047	0.425941334234999	0.0707707474335027
cg04330730	1	48472619		-0.0612519	-0.137445585008078	0.0707707474335027
cg19774733	9	37422586	GRHPR	0.0295388	0.860020129994756	0.0707707474335027
cg13787878	20	35808076	C20orf132;RPN2;RPN2;C20orf132;C20orf132	0.0208204	0.828758300183899	0.0707707474335027
cg22476645	16	15150025	NTAN1	0.0122546	0.466212757500362	0.0707707474335027
cg19496491	11	12695499	TEAD1	0.0160433	0.894008366304978	0.0707707474335027
cg07828939	11	3021385		0.0128664	0.0193565148993785	0.0707707474335027
cg27275821	1	89144331	PKN2-AS1	-0.0714497	-0.12588410148372	0.0707707474335027
cg04100564	12	112189172	ACAD10;ACAD10	-0.0687675	-0.120352453845238	0.0707707474335027
cg11895632	16	69042429	TANGO6	-0.0428722	-0.0672063207553237	0.0707707474335027
cg17395226	5	156887490	NIPAL4	0.00654903	0.322699819960425	0.0707707474335027
cg27026509	1	36348944	EIF2C1;EIF2C1	0.0205239	0.667790270486458	0.0707707474335027
cg16722016	12	90119262		-0.0635798	-0.106299889411578	0.0707707474335027
cg16267901	12	58023160	B4GALNT1;B4GALNT1;B4GALNT1	-0.072248	-0.147467592783699	0.0707707474335027
cg13307023	16	1359278	UBE2I;UBE2I;UBE2I;UBE2I	0.00420466	0.325218724318322	0.0707707474335027
cg17115258	15	102192853	TM2D3;TM2D3	0.00640854	0.405650921232712	0.0707707474335027
cg23382141	6	73976708	KHDC1	-0.044658	-0.0716511214297538	0.0707707474335027
cg14697246	3	48487981	ATRIP;ATRIP	0.00728843	0.395045069979816	0.0707707474335027
cg02328440	1	235813839	GNG4;GNG4;GNG4	0.0116789	0.452286045292904	0.0707707474335027
cg25312546	19	4307208	FSD1	-0.0680868	-0.129274539558278	0.0707707474335027
cg05835573	2	159650648	DAPL1	-0.0694917	-0.115993493364808	0.0707707474335027
cg01431319	10	51595391	TIMM23;TIMM23;TIMM23;TIMM23B;TIMM23B;TIMM23B	-0.03468	-0.0562783726960634	0.0707707474335027
cg00422716	7	123484985	HYAL4	-0.0544499	-0.0983016040849037	0.0707707474335027
cg15817341	5	150538450	ANXA6	-0.0415419	-0.0666779382349045	0.0707707474335027
cg12074084	1	45140087	C1orf228;TMEM53;TMEM53	0.0298123	0.50090855314915	0.0707883108423024
cg05702927	2	204206071	ABI2;ABI2;ABI2;ABI2	-0.105763	-0.245126577572922	0.0710937980996139
cg24647363	6	143857972		0.0167026	0.581030736889269	0.0710967962909368

cg13064658	1	212003989	LPGAT1;LPGAT1	0.0399179	0.458487850163733	0.0710967962909368
cg01353139	8	124170018		0.0126148	0.457718374402177	0.0710967962909368
cg23397741	17	35014588		0.0185459	0.587545312586327	0.0710967962909368
cg25249300	2	54483341	TSPYL6;ACYP2;TSPYL6	-0.00474265	-0.00696604941619033	0.0710967962909368
cg23007574	19	41942070	ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL;ATP5SL	-0.0405207	-0.065797802796558	0.0710967962909368
cg26286479	12	69924501	FRS2;FRS2;FRS2;FRS2;FRS2;FRS2;FRS2	-0.0273228	-0.0412442757846175	0.0710967962909368
cg01101619	6	4088409	C6orf201;C6orf201;C6orf201	-0.0143423	-0.021267353945835	0.0710967962909368
cg23651826	11	115630531		0.0416057	0.422629237706695	0.0710967962909368
cg15890173	5	74532862	ANKRD31	0.0111636	0.574711398765725	0.0710967962909368
cg01646610	19	19976784	ZNF253;ZNF253	0.0128517	0.410537691341028	0.0710967962909368
cg06417885	8	47108318		-0.0566014	-0.102898923125476	0.0710967962909368
cg02943305	7	31685368	CCDC129	-0.141898	-0.395620139514931	0.0710967962909368
cg12323760	1	40544720	PPT1;PPT1	-0.0850975	-0.170418438040574	0.0710967962909368
cg19987349	8	98993142	MATN2;MATN2	-0.0975016	-0.191523726875244	0.0710967962909368
cg16788538	7	72972107	BCL7B	0.0193403	0.763440749226576	0.0710967962909368
cg20460852	8	23082822	TNFRSF10A	0.0382863	0.92579980607176	0.0710967962909368
cg09852920	17	48277216	COL1A1	0.0343744	1.246041867203036	0.0710967962909368
cg24576206	22	25866846		-0.0273912	-0.0427719208511121	0.0710967962909368
cg14704270	22	50639024	SELO	0.0468055	0.609815783590264	0.0710967962909368
cg19966981	17	71564318	SDK2	-0.0285985	-0.0447280259990286	0.0710967962909368
cg08358233	10	48634114		-0.0403256	-0.0654035967441556	0.0710967962909368
cg06504337	12	123465174	ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4	0.0156072	0.50672458117272	0.0710967962909368
cg05525867	15	75661090	MAN2C1	0.0129362	0.881498550831165	0.0710967962909368
cg20550383	14	104313914	PPP1R13B;PPP1R13B;LINC00637	0.0265094	0.442720400816279	0.0710967962909368
cg07751641	5	134826244		0.0231945	0.768016914339213	0.0710967962909368
cg12001457	2	50163732	NRXN1;NRXN1;NRXN1	-0.0309652	-0.0486108145441262	0.0710967962909368
cg02717630	16	46865118	C16orf87	0.0245133	0.653203850732497	0.0710967962909368
cg21076259	11	35161345	CD44;CD44;CD44;CD44;CD44	0.00681637	0.34278417244506	0.0710967962909368
cg00468356	7	138176808	TRIM24;TRIM24	-0.0478337	-0.076407949734727	0.0710967962909368
cg20647962	15	41136443	SPINT1;SPINT1;SPINT1	0.0228998	0.518989143876452	0.0710967962909368
cg05302416	11	2466037	KCNQ1	0.0222925	0.525464821839923	0.0710967962909368
cg23312248	12	123465515	ARL6IP4;ARL6IP4;ARL6IP4;ARL6IP4	0.0196383	0.550765504113736	0.0710967962909368
cg00460807	3	45731126	SACM1L	0.0237026	0.814695132381025	0.0710967962909368
cg17448575	15	40762993	CHST14	0.01404	0.659883871397479	0.0710967962909368
cg06635202	2	8165386		-0.0114457	-0.0170251061642496	0.0710967962909368
cg26157020	9	129240339	MVB12B	-0.0514936	-0.0915200037484988	0.0710967962909368
cg09092901	2	33049964	LINC00486	-0.0637822	-0.126158582804558	0.0712834664990888
cg12271759	2	40468548	SLC8A1;SLC8A1;SLC8A1;SLC8A1	-0.0484016	-0.0835981617290261	0.0713479161220902
cg22355691	19	12739144	ZNF791	-0.080166	-0.141131684732491	0.0713479161220902
ch.7.109945386F	7	110158150		0.0265003	0.470969512103851	0.0713985471131724
cg07102665	20	6210894		-0.0345425	-0.0564080811319779	0.0714921875435001
cg12214665	6	138188557	TNFAIP3	0.0175645	0.75515702796533	0.0714921875435001
cg24934063	7	121944173	FEZF1;FEZF1	0.0230515	0.339876855722695	0.0714921875435001
cg17307811	19	55916316	UBE2S	-0.074769	-0.144346715519751	0.0714921875435001
cg07136338	17	33814819	SLFN12L	0.0115719	0.481347394944446	0.0715237813221254
cg20136584	1	204121503	ETNK2	0.00865915	0.384808611562647	0.0715237813221254
cg02921604	19	54297098	NLRP12;NLRP12	-0.0471388	-0.0812222112422541	0.0715237813221254
cg04878489	6	43139942	SRF;SRF	0.0278975	0.534637696434597	0.0715237813221254
cg24238564	11	65779343	CST6	0.0288897	0.683123740502286	0.0715237813221254
cg09881019	19	45250987	BCL3	0.0463173	0.31663038254275	0.0715237813221254
cg02507889	18	76754902	SALL3	-0.0372495	-0.0631329553847701	0.0715237813221254
ch.3.52786R	3	3083388	CNTN4;CNTN4;CNTN4	0.0180971	0.27026268553803	0.0715371904069492
cg04576025	5	1386550		0.033262	1.15653768039061	0.0715371904069492
cg25048344	2	119914337	C1QL2	0.0125769	0.504910956654604	0.0717463943073639
cg22834172	17	3774349		0.0163155	0.593830610405995	0.0718102503016278
cg09395034	5	137801102	EGR1	0.0180389	0.533305832294327	0.0718102503016278
cg24516890	3	133293153	CDV3;CDV3;CDV3	0.0108353	0.44412567797567	0.0718102503016278
cg02556655	11	63975026	FERMT3;FERMT3	0.00906978	0.608737539697052	0.0718102503016278
ch.19.683370F	19	16239180	RAB8A	0.0280189	0.736434564972849	0.0718102503016278
cg04379122	10	130119293		-0.0620698	-0.113905236184627	0.0718258046962064
cg26147668	7	130081239	TSGA14	-0.0579189	-0.712952847408517	0.0718583329213108
cg03814148	4	113223849	ALPK1;ALPK1;ALPK1	0.0273369	0.0467306891009954	0.07186224295106
cg20972078	2	230320638	DNER	-0.0272535	-0.0418448546247008	0.07186224295106
cg21950196	1	228327428	GUK1;GUK1	0.0395742	0.227793729206285	0.07186224295106
cg02938205	3	49236810	CCDC36;CCDC36	0.0442754	0.644631019865415	0.07186224295106
cg20110633	19	44302906	LYPD5;LYPD5	0.0342252	0.793044937296685	0.07186224295106
cg21367769	6	25651194	SCGN	-0.0851737	-0.149802438405562	0.07186224295106
cg09658066	6	35995354	MAPK14;MAPK14;MAPK14;MAPK14	0.0360564	0.473860385010342	0.07186224295106
cg18936327	1	161060281	PVRL4	0.00744137	0.0111276950891701	0.07186224295106
cg08740284	15	40987165	RAD51;RAD51-AS1;RAD51;RAD51;RAD51	0.0180624	0.412864197071407	0.07186224295106
cg26042512	8	19117049		-0.0131378	-0.0196819639656028	0.07186224295106
cg09238470	16	30007069	HIRIP3;INO80E;HIRIP3	0.0073575	0.678950745155611	0.071963909760912
cg21992350	6	80657193	ELOVL4;ELOVL4	0.0136586	0.486493151065684	0.0720342832593362
cg10756051	2	198365397	HSPD1;HSPE1;HSPD1	0.00447031	0.3114214703404	0.0720342832593362
cg24564491	21	46238804	SUMO3	-0.0305167	-0.048997573400001	0.0720842714624691
cg25081106	13	88324169	SLITRK5	0.0127584	0.354432339424024	0.0720842714624691
cg10929299	14	50334860		0.017405	0.562864116006389	0.0720842714624691
cg26069562	6	29691981	HLA-F;HLA-F;HLA-F	0.00573482	0.371291452738891	0.0720842714624691
cg09653046	4	129730880	JADE1;JADE1;JADE1;JADE1;JADE1;JADE1	0.0125111	0.564271259606026	0.0720842714624691
cg09209510	14	100288389	EML1;EML1	0.0066749	0.327161209201973	0.0720842714624691
cg03987003	1	145516092	GNRHRR2;PEX11B	0.0378882	0.470087096683984	0.0720842714624691
cg22802174	1	40995949	ZNF684	-0.0626622	-0.13696457120092	0.0721278245126002

cg21088281	4	176922637	GPM6A;GPM6A	0.0111784	0.614874537214264	0.0732545130155182
cg15399785	17	17942665	ATPAF2;C17orf39;C17orf39	0.0165913	0.674600619285679	0.073275557879141
cg15770599	3	32547795		-0.0291722	-0.0449016258515672	0.073275557879141
cg17963944	7	100303258	POP7	0.00861145	0.470644104852912	0.073275557879141
cg14569576	9	102585669	NR4A3;NR4A3;NR4A3	-0.002159	-0.243939887523546	0.073275557879141
cg12786012	1	12602511		-0.00578504	-0.00852965288731592	0.073275557879141
cg13943052	15	40987167	RAD51;RAD51;RAD51;RAD51	0.0173292	0.65896883358755	0.073275557879141
cg03695166	10	5506703		-0.0641452	-0.105071671150702	0.073275557879141
cg16053580	19	51568863	KLK13	0.0424951	0.350104553926719	0.073275557879141
cg21137022	6	52853558	GSTA4	-0.00330473	-0.00483685796856592	0.073275557879141
cg15918766	12	53662405	ESPL1	0.00947461	0.450505904913095	0.073275557879141
cg06789519	13	112553904		-0.0379296	-0.0617967114434863	0.073275557879141
cg24950571	5	10441620	ROPN1L	0.00438426	0.339841760756228	0.073275557879141
cg16684608	1	153758749		-0.111914	-0.192213608200201	0.073275557879141
cg05470082	5	131832498		0.00870513	0.601049437127525	0.073275557879141
cg16200007	2	105946567	TGFBRAP1;TGFBRAP1	0.016813	0.811772131085856	0.073275557879141
cg24272452	20	49322897		-0.0429821	-0.0735930270257855	0.073275557879141
cg17832605	3	160048980	IFT80;IFT80;IFT80	-0.0238086	-0.0366451770593985	0.073275557879141
cg16665383	8	96258496	C8orf37	-0.0967727	-0.181751470190903	0.073275557879141
cg22715837	7	113723162		0.0195818	0.525772515948703	0.073275557879141
cg01531665	9	33473681	NOL6;SUGT1P1;NOL6	0.00642468	0.454611960324654	0.073275557879141
cg26971783	15	77857997		0.0133356	0.0201576845896764	0.0732810414830824
cg17120588	5	159911089	MIR146A	-0.0407049	-0.0665266563146791	0.0732810414830824
cg27084712	3	42977845		-0.0651541	-0.117182202032663	0.0733074210941224
cg17611765	17	46703945	HOXB9	0.0132047	0.762227948802435	0.0733528094360592
cg04283882	4	923631	TMEM175;GAK	0.00470444	0.548131803720666	0.0733728185261988
cg05545777	5	101119128		0.0916585	0.310083339000172	0.0733728185261988
cg24098561	5	175197036		-0.0498247	-0.0869765533745052	0.0733728185261988
cg24713343	1	52082692	OSBPL9;OSBPL9;OSBPL9;OSBPL9	0.0333671	0.64784972129524	0.0733824346145668
cg06058597	2	10829993	NOL10;NOL10	0.0106776	0.376852434450034	0.0733824346145668
cg22473973	10	133794911	BNIP3	0.0118976	0.436833725667046	0.0733824346145668
cg01616682	11	15095017	CALCB	0.0420689	0.356224709927024	0.0733824346145668
cg08714389	14	81398052	CEP128	-0.0247696	-0.0396098929022929	0.0733824346145668
cg01349853	3	36986697	TRANK1	0.0177039	0.847360081601727	0.0733824346145668
cg17161202	8	141903388	PTK2;PTK2;PTK2	-0.0721124	-0.163548539544455	0.0733824346145668
cg22986271	3	45730975	SACM1L	0.0301621	0.867267816055615	0.0734657106065612
cg15057214	11	74699344	NEU3	-0.0718668	-0.140826162963607	0.0734917443124597
cg20979061	19	49939949	SLC17A7	0.0365767	0.205181323657187	0.0735585772557059
cg16078523	3	50738135	DOCK3	-0.138944	-0.296945654395322	0.0735585772557059
cg19091715	1	203562914		-0.0726869	-0.156317004885373	0.0735699070566771
cg02512267	5	43120873	ZNF131;ZNF131;ZNF131;ZNF131	0.00857932	0.606880134991808	0.0735699070566771
cg17564183	6	28888885	TRIM27	-0.016894	-0.0257586698676802	0.0735699070566771
cg00472445	6	101329307	ASCC3;ASCC3	0.0260532	0.654975508720795	0.0735699070566771
cg08757142	12	66036823	LOC100507065;LOC100507065;LOC100507065;LOC100507065	-0.0844032	-0.147076018706001	0.0735699070566771
cg19062489	19	15662114	CYP4F22	0.0276827	0.68007368842487	0.0735699070566771
cg14741153	10	95753348	PLCE1	-0.0265626	-0.243599721873226	0.0735699070566771
cg04238274	7	53879377		-0.040327	-0.063807878438462	0.0735699070566771
cg15502903	22	17566297	IL17RA	0.0126083	0.57883095675992	0.0735699070566771
cg22513166	1	212476869	PPP2R5A;PPP2R5A	-0.108318	-0.370883902373074	0.0735699070566771
cg25205329	19	2329794	LSM7;SPL2B;SPL2B	0.010831	0.0169515705720327	0.0735699070566771
cg17606996	2	171572472	LINC01124;LOC101926913;SP5	0.0229161	0.569721186371671	0.0735699070566771
cg15702823	6	10838819		0.00976837	0.563857060787114	0.0735699070566771
cg18826743	17	36900631	PCGF2	-0.0640902	-0.114667050645599	0.0738424746781187
cg18022777	2	30144651	ALK	0.0285807	0.9706065462989	0.0738424746781187
cg10502508	14	76449243	TGFB3	0.0122813	0.518661722681612	0.0738424746781187
cg00349599	17	17184369	COFS3	0.00889579	0.521820983130728	0.0738424746781187
cg13118536	22	41215559	SLC25A17	0.02125	0.386600328779085	0.0738424746781187
cg00056074	2	131485150		0.017004	0.396855358164782	0.0738424746781187
cg01296482	15	45798233	SLC30A4	-0.0402978	-0.0646620529428543	0.0738424746781187
cg04757074	12	67663012	CAND1	0.0084058	0.571302276420937	0.0738424746781187
cg26827737	2	37552543		0.00426063	0.338862080998804	0.0738424746781187
cg14988142	1	229643771	NUP133	0.0145632	0.583670809957699	0.0739018872965345
cg12133425	1	247494926	ZNF496;ZNF496	0.0232422	0.920229955214448	0.0740119959070531
cg13742532	3	42850848	CCBP2	-0.0780698	-0.148101619468772	0.0742315942615147
cg18036763	22	45404910	PHF21B;PHF21B	0.0912877	1.23484815522732	0.0743398242742805
cg21229979	6	163746175	LOC285796	0.035585	0.427482102334717	0.0743398242742805
cg07547404	15	40933758	CASC5;CASC5	-0.0746965	-0.141933045135935	0.0744442726833354
cg21839284	1	54359146	DIO1;DIO1;DIO1;DIO1	-0.0893469	-0.175698796351187	0.0744442726833354
cg04227633	14	102904606	TECPR2	0.0114708	0.371074591415766	0.0744442726833354
cg18637847	3	193788929		0.0141369	0.472777387821475	0.0745809265647803
cg22511564	16	46809514		-0.0501296	-0.0858270710166308	0.0745809265647803
cg14638209	2	10260280		0.0143344	0.407945460866636	0.0745809265647803
cg17069349	3	52311846	WDR82	0.0192973	0.750073381538996	0.0745809265647803
cg01558923	1	218520959	TGFB2;TGFB2	0.027688	0.632747607287817	0.0746165544993359
cg25833238	6	153304325	FBXO5;FBXO5	0.0157177	0.748996416941287	0.0746165544993359
cg11116013	10	134973794	KNDC1	0.0450674	0.56499622849691	0.0746212954715123
cg14145635	6	20201350	MBOAT1;MBOAT1	-0.0228471	-0.035354972196629	0.0746212954715123
cg23058863	14	24610866	FAM158A	0.0113813	0.676945120390387	0.0746212954715123
cg02489006	11	47207577	PACSL1;PACSL1;PACSL1	0.00823268	0.349047386692095	0.0746212954715123
cg14817448	3	125069389	ZNF148	-0.0993099	-0.203030240399723	0.0746212954715123
cg01202012	22	47248847	TBC1D22A;TBC1D22A;TBC1D22A;TBC1D22A;TBC1D22A	0.0129057	0.0205757380806188	0.0746212954715123
cg14346123	10	5237038		-0.042959	-0.0743438320866207	0.0746502722943117

cg03237412	15	44069622	ELL3	0.0262035	0.647874380979218	0.0756885304971628
cg00952573	6	18210046	KDM1B	-0.0918092	-0.207831174137925	0.0756885304971628
cg05802477	12	132629385	DDX51;NOC4L	0.010836	0.635672609611886	0.0757385158533335
cg17943520	21	40817850	MIR6508;SH3BGR;SH3BGR	0.018551	0.488564710205008	0.0757556832333133
cg14572091	9	136537981	SARDH;SARDH	-0.0175285	-0.026266034661009	0.0758034296655427
cg17854641	19	51126772	SYT3;SYT3;SYT3	-0.0472783	-0.0804008451853602	0.075888486798537
cg02815282	11	67141135	LOC100130987;CLCF1;CLCF1;CLCF1	0.0178197	1.43328264323462	0.075888486798537
cg00282877	10	135265980	LOC619207	-0.0642984	-0.121002811994715	0.075888486798537
cg02598978	16	20817844	LOC81691;ER12;LOC81691;LOC81691;ER12;LOC81691	0.0260396	0.690361716953546	0.075888486798537
cg15470309	16	80905554	PRCAT47;PRCAT47	-0.0444787	-0.0793091374810189	0.075888486798537
cg23968650	6	114384629	HS3ST5	-0.0757027	-0.151206897026386	0.075888486798537
cg13022888	14	82000246	SEL1L	0.0294086	0.411604347564561	0.075888486798537
cg25597760	17	77766120		0.021415	0.375460438139725	0.075888486798537
cg19934703	1	17332367	ATP13A2;ATP13A2;ATP13A2	-0.06279	-0.117710129042877	0.075888486798537
cg05237745	3	187431255	LOC100131635	-0.0244657	-0.037643014706826	0.075888486798537
cg23095642	1	52081938	OSBPL9;OSBPL9;OSBPL9;OSBPL9;OSBPL9	-0.0537599	-0.0854291092323883	0.075888486798537
cg01008057	7	79764881	GNAI1;GNAI1	0.0208374	0.760766262367257	0.075888486798537
cg14864519	15	38991650	C15orf53	0.00617138	0.00911201604636388	0.075888486798537
cg27001137	13	113455344	ATP11A;ATP11A	-0.0497961	-0.0938665071382011	0.075888486798537
cg18075930	7	30615805		-0.0519094	-0.0948502241221929	0.075888486798537
cg06338016	3	196218811	RNF168	0.00941793	0.0142164023815485	0.075888486798537
cg24964061	15	35264425		-0.0112683	-0.0168696931634793	0.075888486798537
cg08531864	20	35841852	RPN2;RPN2	-0.0420355	-0.0678725609763426	0.075888486798537
cg03183872	20	3140552	FASTKD5;UBOX5;UBOX5	0.0482393	1.10409239918456	0.075888486798537
cg11438280	2	219586076	TLL4	-0.0572163	-0.0964238097927752	0.075888486798537
cg12155930	12	49744981	DNAJC22;DNAJC22	-0.0216953	-0.0330603608256133	0.075888486798537
cg23302636	14	55281026		-0.0402833	-0.0786929334414996	0.075888486798537
cg00999623	1	108743186	SLC25A24	0.0349881	0.845370993830586	0.075888486798537
cg15543284	2	54785307	SPTBN1;SPTBN1	0.0418953	0.726698194295663	0.075888486798537
cg20105087	20	44524136	PLTP;PLTP	-0.0742497	-0.157313102456712	0.075888486798537
cg09597829	5	37575993	WDR70	-0.0952249	-0.174137904514931	0.075888486798537
cg08819256	2	129109442		-0.0470773	-0.0914230053923309	0.075888486798537
cg22397944	11	237014	PSMD13;PSMD13;SIRT3;PSMD13;PSMD13;SIRT3	0.0455423	0.572372983232388	0.075888486798537
cg23492789	2	72520940	EXOC6B	-0.0869898	-0.148788696811393	0.075888486798537
cg06930255	3	66344474	SLC25A26;SLC25A26;SLC25A26	-0.067236	-0.164163339872024	0.075888486798537
cg18429863	8	73449684	KCNB2;KCNB2	0.0152946	0.622081063322024	0.075888486798537
cg26869617	16	2111094	TSC2;TSC2;TSC2	0.0115196	0.0179366250626754	0.075888486798537
cg11415852	10	97201765	SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1;SORBS1	-0.041328	-0.0638874871852503	0.075888486798537
cg25437757	8	42625222	CHRNA6;CHRNA6	-0.0790434	-0.159418861657665	0.075888486798537
cg04767484	15	76629104	ISL2	0.0162562	0.0457612527498189	0.075888486798537
cg00997411	1	205290916	NUAK2	0.0279482	0.818731570439229	0.075888486798537
cg10399696	17	80231560	CSNK1D;CSNK1D;CSNK1D;CSNK1D	0.014044	0.666091387263358	0.075888486798537
cg08214808	11	45922166	MAPK8IP1	0.0732335	0.531885409446455	0.075888486798537
cg09266901	12	124118336	EIF2B1;GTF2H3	0.0183754	0.484587810445005	0.075888486798537
cg09097421	1	22815899	ZBTB40;ZBTB40	0.0170758	0.0272517014672751	0.075888486798537
cg05153861	7	100492700	ACHE;ACHE	0.00625019	0.374105597606181	0.075888486798537
cg13828397	11	121477655	SORL1	-0.0100293	-0.0151373233804783	0.075888486798537
cg03329500	22	44205978	EFCAB6;EFCAB6	-0.037208	-0.0614065473468633	0.075888486798537
cg07886529	2	232571463		0.0180906	1.15168441922434	0.075888486798537
cg17382214	12	110718450	ATP2A2;ATP2A2	0.00886503	0.506962557480052	0.075888486798537
cg16257101	14	58863000	TOMM20L	0.0274577	0.496466964977716	0.075888486798537
cg25938596	8	104240157	BAALC;BAALC	-0.0350689	-0.0558100863946674	0.075888486798537
cg07229135	19	28204254		-0.0760324	-0.147098519101631	0.0758953027078097
cg10093972	3	10436176	MIR885;ATP2B2;ATP2B2	-0.0547184	-0.0999564476108598	0.0759848099952965
cg25996141	3	52211370		0.0102592	0.0156466862734694	0.0759848099952965
cg04887335	3	19604632	TCTEX1D2	0.0523902	1.12780875352805	0.0761074931379137
cg12632487	1	6786300	LOC100505887;LOC100505887	0.0694131	0.153704821572688	0.0761074931379137
cg13604132	4	75023629	MTHFD2L	0.0288134	0.665688359649744	0.0761817626240994
cg0567972	6	7643349		-0.0558385	-0.116273130293779	0.0764247335283911
cg19014302	19	18303893	MPV17L2	0.017302	1.143957215761	0.0764867033301317
cg02899788	1	47133675	ATPAF1;ATPAF1	0.0339228	0.484967994173029	0.0764888070110629
cg19135230	8	103136319	NCALD;NCALD;NCALD;NCALD;NCALD;NCALD	0.0131128	0.623402427242037	0.0764888070110629
cg06319822	16	215960	HBM	0.0155057	0.702651357092054	0.0764888070110629
cg19926434	14	66975296	GPHN;GPHN	0.0123239	0.709812483943524	0.0764888070110629
cg13756059	17	40428538	STAT5B	0.0150642	0.478647447556389	0.0764888070110629
cg05207611	12	133333251	ANKLE2	-0.0459728	-0.0760324	0.0764888070110629
cg12590791	6	89931408	GABRR1	-0.0648996	-0.119662774608763	0.0764888070110629
cg04034539	11	62439802	C11orf48;C11orf83	0.0205209	0.707015026814927	0.0768853325894975
cg00126575	10	25239164	PRTFDC1;PRTFDC1	-0.0391634	-0.0612718411603119	0.0768940654202772
cg08555160	16	69166339	CHTF8;CHTF8;CIRH1A;CHTF8;CHTF8	0.0330375	0.485129516499155	0.0769246609613108
cg09193923	2	120517123	PTPN4	0.00522305	0.53368522790142	0.0770055732749119
cg0936689	9	134465556	RAPGEF1;RAPGEF1;RAPGEF1	-0.0333449	-0.0556013245465492	0.0770055732749119
cg02944076	1	201778100	NAV1;NAV1	-0.0123592	-0.0184253496280966	0.0770055732749119
cg26279152	13	20356101	PSPC1;PSPC1	0.0105757	0.873291414959141	0.0770055732749119
cg08800530	5	175788722	KIAA1191;KIAA1191;KIAA1191;KIAA1191;KIAA1191	0.0428534	1.30327385725631	0.0770055732749119
cg24800930	14	24454176	DHRS4L2;DHRS4L2;DHRS4L2	-0.026334	-0.0406380690466567	0.0770055732749119
cg15587693	2	239228886	TRAF3IP1;TRAF3IP1	0.0235185	0.78182622719076	0.0770055732749119
cg21308809	17	61614347	KCNH6;KCNH6	-0.0542427	-0.091125023885363	0.0770055732749119
cg03974764	1	117009075	LOC101929023;LOC101929023	0.0181069	0.0291002295479343	0.0770055732749119
cg01746873	13	113344027	ATP11A;ATP11A	0.0239557	0.750188451763481	0.0770055732749119
cg04018214	12	91572199	DCN;DCN;DCN;DCN;DCN	-0.0160624	-0.02416269148264	0.0770055732749119
cg08114812	1	41445105	CTPS;CTPS	0.0170671	0.513866830574932	0.0770055732749119

cg05643051	21	44527804	U2AF1;U2AF1;U2AF1	0.0287102	0.571914429003568	0.0770055732749119
cg06890950	4	81382711	C4orf22	-0.0610376	-0.12195559197837	0.0770055732749119
cg09580409	4	183065519	MGC45800	0.0461238	0.419984667521932	0.0770055732749119
cg00127353	6	112210969		0.00402094	0.00589907695292168	0.0770055732749119
cg18610261	2	37899776	CDC42EP3	0.0142557	0.447260325294555	0.0770142185851406
cg27597069	6	37321822	RNF8;RNF8;RNF8;RNF8	0.0316649	0.925438729740042	0.0770227125661909
cg03062417	8	67868321	TCF24	-0.0655636	-0.13034872433949	0.0770227125661909
cg11610739	17	40075306	ACYL;ACYL	0.00778149	0.700042606292204	0.0770227125661909
cg21843128	16	68678687	CDH3;CDH3	0.0199446	0.653394040194136	0.077026756825532
cg16466335	1	63833149	ALG6	0.0188914	0.690282276550466	0.077026756825532
cg21776419	5	81118892		-0.0513556	-0.112652699367612	0.077026756825532
cg02750935	5	145214981	PRELID2;PRELID2;PRELID2	0.0133849	0.575080878160511	0.0770562797754422
cg14707886	3	98577791	DCBLD2	-0.0429132	-0.0699856645251101	0.0770581122415928
cg16430332	2	61389173	C2orf74;C2orf74	0.0132615	0.0203199499364874	0.0771642703234815
cg03738868	7	100281714	GIGYF1	-0.0111004	-0.0164559385831764	0.0772004263667292
cg06105778	5	176830667	F12	0.0107909	0.740659466061409	0.0772004263667292
cg20053381	2	220363572	GMPPA;GMPPA	0.0184216	0.881978597748727	0.0773401707744442
cg04434653	18	33767451	MOCOS	0.0350972	0.640011381850165	0.0774574731309749
cg17937222	12	122018562	KDM2B;KDM2B	0.0193272	0.709474067259993	0.0776658803867226
cg13101398	20	52824678	PFND4	0.0177348	0.567780754706201	0.0776763358570821
cg01274995	1	165472019	LOC400794	-0.0545205	-0.10022877076769	0.0777016245513136
cg00869249	10	977800	LOC101927762;LARP4B	0.0432619	0.650184567677418	0.0777055549405616
cg23834228	11	73358657	PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1;PLEKHB1	0.010479	0.470217542789991	0.0778333043404734
cg02874321	11	94166952	MRE11A;MRE11A	-0.082463	-0.163455340521004	0.0778333043404734
cg26533397	19	52795316	ZNF766	-0.0488359	-0.0849739997187733	0.0778681764554711
cg08528519	14	100659610		0.0140224	0.39574331500791	0.0778681764554711
cg02096656	7	139025181	C7orf55	0.0332052	0.457200787665835	0.0778681764554711
cg00210204	6	10748101	TMEM14B;TMEM14B;TMEM14B;TMEM14B	0.01251	0.793406605089158	0.0778681764554711
cg12244205	6	28972937	ZNF311;ZNF311	-0.0690689	-0.157027140339232	0.0778681764554711
cg17745339	5	176755199		-0.0573554	-0.10862509194907	0.0778681764554711
cg02587124	6	34626797	C6orf106;C6orf106	-0.0413863	-0.0673474763606805	0.0778681764554711
cg23961333	1	55516078	PCSK9;PCSK9	0.0131578	0.0198011441040823	0.0778681764554711
cg09986736	11	10472465	AMPD3;AMPD3	0.0336545	0.407408384366914	0.0778681764554711
cg13884288	22	38004832	GGA1;GGA1;GGA1;GGA1;GGA1;GGA1	0.0170738	0.681256806316826	0.0778681764554711
cg07990044	5	77590720	AP3B1;AP3B1	0.0107717	0.591650936487104	0.0778681764554711
cg11640907	14	91757787	CCDC88C	0.00724173	0.0108226435116735	0.0779211342335577
cg25133211	6	31928014	RDBP;SKIV2L	-0.0380219	-0.0610434541103606	0.0779373069687235
cg02807377	4	141567436	TBC1D9	-0.0658051	-0.131476475256683	0.0779373069687235
cg05817661	11	93517837	MED17	0.00588516	0.361937289822334	0.0779373069687235
cg19755108	5	176434079	UIMC1	0.0729241	0.179335187632181	0.077955282178589
cg17129645	2	26395833	FAM59B	0.01818	0.682580824334352	0.077955282178589
cg13036971	20	31319259	COMMD7;COMMD7	-0.0283238	-0.0440287251716169	0.077955282178589
cg06623486	1	162531613	UAP1	0.0261192	0.61842826197214	0.077955282178589
cg21387238	1	155829263	SYT11	0.0325426	1.14841513998409	0.077955282178589
cg14527983	20	44562104	PCIF1	0.00214782	0.0031369797974909	0.077955282178589
cg11022537	4	177738806		-0.0537389	-0.0871647564100362	0.077955282178589
cg06886078	10	126480477	METTL10	0.0107832	0.545117766650757	0.0779679144360258
cg20553782	10	104403435	TRIM8	0.0109447	0.659825303650099	0.0779679144360258
cg10987882	20	3996459	RNF24;RNF24;RNF24	0.0351098	0.245131037464273	0.0779679144360258
cg01011432	20	60982814	CABLES2	0.0149063	0.589786825061271	0.0779679144360258
cg06027057	14	90849959		0.0170903	0.525278452671243	0.0779679144360258
cg18272878	9	128510407	PBX3;PBX3;PBX3;PBX3	0.021442	0.664828786431924	0.0779679144360258
cg25007781	14	105963610	C14orf80;C14orf80;C14orf80	0.00485859	0.00711104432922571	0.0779679144360258
cg12364031	7	20692147	ABCB5;ABCB5;ABCB5;ABCB5	-0.0593781	-0.103137870396698	0.0779679144360258
cg00966077	16	1401335	C16orf42;GNPTG	0.0227214	0.844605630917246	0.0779679144360258
cg24809382	15	55582033	RAB27A	0.0122196	0.873167635448733	0.0779679144360258
cg26612088	17	74722779	JMJD6;C17orf95;JMJD6;JMJD6;JMJD6	0.0318187	0.968890282740137	0.0779679144360258
cg04972341	11	72354329	PDE2A;PDE2A;PDE2A;PDE2A	0.0229062	0.455612158708333	0.0779679144360258
cg19117777	5	109024969	MAN2A1	0.0155011	0.44784432568597	0.0779679144360258
cg17852224	22	51042761	MAPK8IP2;MAPK8IP2	0.03682	0.246170719149787	0.0779679144360258
cg05557255	11	2422385	TSSC4	0.0326657	0.953402478906351	0.0779679144360258
cg04318006	8	121823643	SNTB1	0.0194663	0.615689829271994	0.0779679144360258
cg22827465	19	3094947	GNA11	0.0285018	0.720802128595582	0.0779679144360258
cg01555791	17	1012288	ABR;ABR;ABR	0.0278374	0.667142697975841	0.0779679144360258
cg11412876	6	112194702	FYN	0.0427354	0.634835029452607	0.0779679144360258
cg24470929	8	98791446	LAPTM4B	-0.0766258	-0.161246681586487	0.0779679144360258
cg08313638	10	12110577	DHTKD1	-0.0193658	-0.585636306200596	0.0779679144360258
cg21808250	12	133757947	ZNF268;ZNF268;ZNF268;ZNF268;ZNF268;ZNF268	0.0209004	0.364251156560433	0.0779679144360258
cg08791234	6	33267781	TAPBP;TAPBP;RGL2;RGL2	0.00719489	0.396597839304682	0.0779679144360258
cg24182275	14	51297392	NIN;NIN;NIN;NIN	0.0173344	0.819038685128838	0.0779679144360258
cg21608489	19	42637137	POU2F2	0.00677272	0.464202305658414	0.0779679144360258
cg04878955	1	38100435	RSPO1;RSPO1	0.0072355	0.331036376155198	0.0779679144360258
cg23591039	1	225814239	ENAH;ENAH	-0.0274426	-0.044506755492213	0.0779679144360258
cg06579481	7	104621597		-0.110885	-0.206738850457434	0.0779679144360258
cg25764824	22	42085083	NHP2L1;C22orf46	0.018311	0.843017946043869	0.0779679144360258
cg09387970	11	55433005	OR4C6	-0.0489743	-0.0779050557320132	0.0779679144360258
cg14557534	3	27763581	EOMES	0.0140722	0.558906980241942	0.0779679144360258
cg07941301	6	42928277	GNMT	0.014665	0.73975359627313	0.0779679144360258
cg16888080	5	148676852	AFAP1L1;AFAP1L1	-0.0138306	-0.0207394049665926	0.0779679144360258
cg24796645	4	55745557		-0.0696119	-0.120039053501163	0.0779679144360258
cg09500317	16	23652388	DCTN5;PALB2	0.0159826	0.523717806247088	0.0779679144360258
cg17662034	8	74207518	RDH10;RDH10	0.0376835	1.00461356477721	0.0779679144360258

cg14489346	4	81105371	PRDM8	0.0222412	0.439169178251065	0.0779679144360258
cg04603176	11	118306465	MLL	0.0103841	0.424446369464991	0.0779679144360258
cg14181092	5	122371896	PPIC	0.0128938	0.523142009931298	0.0779679144360258
cg27569414	22	21161673	P14KA	0.0138763	0.0211349851914967	0.0779679144360258
cg15645079	20	3140569	FASTKD5;UBOX5;UBOX5	0.01528	0.826047658045068	0.0779679144360258
cg23783653	6	27059850		0.0432123	0.753776783978274	0.0779679144360258
cg01317569	5	60140824	ELOVL7;ELOVL7	-0.0082492	-0.0122946699637202	0.0779679144360258
cg20902958	2	129075203	HS6ST1	0.00397394	0.283614687914955	0.0779679144360258
cg19513374	6	28962971	ZNF311	-0.0564522	-0.09630504913515	0.0779679144360258
cg11365360	3	184279509	EPHB3	0.0119941	0.595951889677285	0.0779679144360258
cg22584339	13	49150952		-0.0381696	-0.0609987147321446	0.0779679144360258
cg25739700	17	5393371	MIS12	-0.0549351	-0.0963874478751384	0.0779679144360258
cg10658459	5	72747197		0.0116637	0.420211809598551	0.0779679144360258
cg18017240	12	128365675	FLJ37505	0.0102307	0.015638590840714	0.0779679144360258
cg05741182	16	72127884	DHX38;TXNL4B;TXNL4B;DHX38;TXNL4B	0.00455214	0.326587720679592	0.0779679144360258
cg24210426	18	12780803		-0.0975362	-0.19955352622268	0.0779679144360258
cg05461270	6	28574608		-0.00831376	-0.179528255978487	0.0779679144360258
cg23287661	1	153395100	S100A7A	0.040805	0.389951123418937	0.0779679144360258
cg13841901	1	45805975	MUTYH;TOE1;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH;MUTYH	0.0247933	1.10478315963147	0.0779914655351465
cg02346492	17	9143174	NTN1	0.0147546	0.522102659221528	0.0781084662956358
cg22128985	1	2089384	PRKCZ;PRKCZ;PRKCZ	-0.0187564	-0.0292889922549697	0.0781084662956358
cg02373061	3	163021252	LINC01192	-0.0533776	-0.0894034233671449	0.0783140361858285
cg02552216	4	184426031	ING2	0.0134721	0.477916985427039	0.0783191788051293
cg13873127	2	201828507	ORC2;ORC2	0.00620225	0.388789506707314	0.0783501615562852
cg12624667	3	36986555	TRANK1	0.00664564	0.897504376909005	0.0783624933302863
cg19469297	7	45151440	TBRG4;TBRG4;TBRG4	0.0145784	0.486289890977333	0.0783906349567055
cg00163171	12	31963379		-0.0312553	-0.0498049320890218	0.0783906349567055
cg08478074	1	110613397	ALX3	0.00329828	0.288239942757898	0.0783906349567055
cg07346676	11	60681596	TMEM109;TMEM109	0.0245078	1.12724917314138	0.0783906349567055
cg00577109	19	59074507	MZF1;MZF1;LOC100131691	0.0195351	0.378048930516359	0.0783906349567055
cg00379528	12	125350693		-0.0455496	-0.0869801356010696	0.0783906349567055
cg27563716	4	184365897	CDKN2AIP;CDKN2AIP	0.0324755	0.55930726941796	0.0783906349567055
cg00544901	19	49999417	RPS11	0.0259829	0.775176679739297	0.0783906349567055
cg02668875	18	11147385	FAM38B	0.0684062	0.303240895053734	0.0783906349567055
cg03314080	2	178129903	NFE2L2;NFE2L2;NFE2L2	0.0188746	0.923118024763533	0.0783906349567055
cg21445603	9	21503744	MIR31HG	0.00549546	0.00808899395358362	0.0783906349567055
cg19136868	11	560685	RASSF7;RASSF7;RASSF7;C11orf35	0.0361161	0.747827395644983	0.0783906349567055
cg06221861	7	100425075	EPHB4;EPHB4	0.0418494	0.381844945246819	0.0783906349567055
cg09686236	2	96011915	KCNIP3;KCNIP3	0.0301674	0.769108130078009	0.0783906349567055
cg26250870	19	22234980	ZNF257	-0.0483168	-0.0850881194791477	0.0783906349567055
cg14943002	11	47256035	DDB2	-0.0462022	-0.0773595725356598	0.0783906349567055
cg06962746	22	45016487		0.0142392	0.730572382366572	0.0783906349567055
cg15540144	2	99553141	C2orf55	0.0219742	0.341909934264476	0.0783906349567055
cg24158363	17	73401717	GRB2;GRB2;GRB2;GRB2	0.0512469	0.427509830198556	0.0783906349567055
cg26535435	19	47290586	SLC1A5;SLC1A5	0.0141981	0.586562133146478	0.0783906349567055
cg24234117	13	32885661	ZAR1L	0.0552089	0.100895017764388	0.0783906349567055
cg08774561	22	37263475	NCF4;NCF4	0.0134685	0.0283459773034113	0.0783906349567055
cg23473955	17	27893407	ABHD15	0.00841892	0.669572456469529	0.0783906349567055
cg01773831	3	156392830	TIPARP;LOC100287227	0.00654589	0.484485043625883	0.0783906349567055
cg08267442	15	91473386	UNC45A	0.0281057	0.658596895777448	0.0783906349567055
cg25702652	2	164204628		-0.0357966	-0.05849090110310146	0.0783906349567055
cg09889194	4	7661729	SORCS2	-0.0360977	-0.0611009065055891	0.0783906349567055
cg09708488	8	21882013	NPM2	0.015439	0.388516918074337	0.0783906349567055
cg18682873	2	46769828	RHOQ	0.028759	0.601226587240533	0.078562303147328
cg08436643	17	73257657	MRPS7;GGA3;GGA3	-0.0017369	-0.266330491648832	0.078562303147328
cg01017689	5	76376266	SNORA47;ZBED3	0.00985278	0.0105544339779	0.078562303147328
cg20338600	5	98110229	RGMB	0.0165507	0.495159183081476	0.078562303147328
cg09985075	2	86743517	CHMP3;CHMP3;CHMP3;CHMP3;RNF103-CHMP3	-0.0619459	-0.102684744993809	0.078562303147328
cg14905382	1	218055074		-0.0172627	-0.025631464608287	0.0785792415349582
cg10682850	16	26658168		-0.0294907	-0.0470668538112292	0.0785974049806064
cg14565835	1	174368960	RABGAP1L	-0.0497699	-0.093159034020641	0.0785974049806064
cg03803784	12	51157550	ATF1	0.0352498	0.94485527628722	0.0786301045888898
cg02746014	19	54959839	LENG8-AS1;LENG8	0.010245	0.45825062966538	0.0786388456284924
cg14863978	7	150864961	GBX1	0.0360057	0.226410458312565	0.0786388456284924
cg17844160	5	53606416	15,00 ARL	0.0280335	0.861369468057776	0.0786388456284924
cg11980791	9	131084797	COQ4;COQ4;TRUB2	0.0310773	1.28067330510208	0.0786388456284924
cg19568834	20	34252926	CPNE1;CPNE1;RBM12;CPNE1;CPNE1;CPNE1;RBM12;CPNE1;CPNE1	0.026093	1.01820884740127	0.0786388456284924
cg05191454	6	42016435	CCND3;CCND3;CCND3;CCND3	0.00974541	0.459266694401555	0.0786388456284924
cg20955833	6	33980895		-0.0362687	-0.0561949163204445	0.0786388456284924
cg13878775	2	242041740	MTERFD2;MTERFD2;MTERFD2;MTERFD2;MTERFD2	0.0104004	0.394784412922534	0.0786388456284924
cg26752655	20	23331282	NXT1	0.0117095	0.651738473525767	0.079005326842492
cg15881168	17	28916490	LRRC37BP1	-0.018459	-0.0280238136055751	0.0790678959059095
cg17354220	2	83743984		-0.0465061	-0.143617915029186	0.0791485597184903
cg04956944	2	112899297	FBLN7;FBLN7	-0.0192477	-0.0291803842412299	0.0791485597184903
cg24895834	10	6622425	PRKQC	0.0323071	0.776644642450465	0.0791485597184903
cg14651518	3	50313693	SEMA3B;SEMA3B	0.00719059	0.608810573714006	0.0791485597184903
cg01495361	20	31369590	DNMT3B;DNMT3B;DNMT3B;DNMT3B;DNMT3B;DNMT3B	-0.0551239	-0.0887057845279697	0.0791485597184903
cg24849789	12	57061323	PTGES3;PTGES3;PTGES3;PTGES3;PTGES3;PTGES3	-0.0634105	-0.109519033668125	0.0791485597184903
cg11817804	7	36427191	KIAA0895	-0.046376	-0.0750686209006172	0.0791485597184903
cg14844341	5	139089549		0.00889431	0.442368499252963	0.0791485597184903
cg26717786	17	79139685	AATK;LOC388428	0.0315497	0.782095282846567	0.0791485597184903
cg18451256	2	128284158	IWS1	0.0252153	1.12334150737653	0.0791485597184903

cg18294715	7	71211027		-0.0724543	-0.137806837508119	0.0791485597184903
cg27497049	8	94712646	FAM92A1	0.0304775	0.612069479495024	0.0793305813717542
cg27150186	21	26979856	MRPL39;MRPL39	0.0103836	0.480261893521552	0.0793305813717542
cg06338429	13	46689293		-0.0422292	-0.0699082848775485	0.0793305813717542
cg24131747	14	68141730	VTI1B	0.032694	1.34855498852687	0.0793305813717542
cg16882609	11	695345	TMEM80;TMEM80;TMEM80;TMEM80;DEAF1;DEAF1;DEAF1;DEAF1	0.0137997	0.624265423399774	0.0793305813717542
cg13792528	6	28834507		0.011916	0.598955973407073	0.0793305813717542
cg18845801	7	16793338	TSPAN13	0.00810593	0.886387062805729	0.0793305813717542
cg25261191	7	101847096	CUX1;CUX1;CUX1	-0.0174071	-0.0262482018451987	0.0793305813717542
cg13956095	17	81037419	METRNL	0.04387	0.378543919199463	0.0793305813717542
cg12419067	3	9975156	IL17RC;CRELD1;CRELD1;CRELD1;IL17RC;IL17RC	0.0240952	0.652072518197849	0.0793378679602681
cg04044418	16	89789362	ZNF276;ZNF276	0.0197135	0.613247333218089	0.0793378679602681
cg06813578	15	51386254	TNFAIP8L3	0.0114091	0.288831640443127	0.0793378679602681
cg23151295	14	76796070		0.0135534	0.400669756877421	0.0793378679602681
cg02708544	5	17376892		-0.0585688	-0.101671716157013	0.0793378679602681
cg18848478	1	113933423	MAGI3;MAGI3	0.0225022	0.737061475001158	0.0793378679602681
cg26976187	5	176944204	DDX41	0.023549	0.761510611972036	0.0793378679602681
cg00673286	15	83349613	AP3B2	0.0172086	0.599942477180094	0.0793378679602681
cg22526051	8	145743825	RECQL4;LRRC14	0.0153557	0.58626317119619	0.0793378679602681
cg13128139	2	27651391	NRBP1	0.00884718	0.550205619301235	0.0793378679602681
cg16113772	6	2972824	SERPIN6;SERPIN6;SERPIN6;SERPIN6;SERPIN6;SERPIN6	-0.0610608	-0.116186932854472	0.0793378679602681
cg05157272	1	246862256		-0.0576417	-0.109346800744728	0.0793378679602681
cg22844232	3	193776047		0.058106	0.761972563805077	0.0793378679602681
cg00840257	16	8963031	CARHSP1;CARHSP1	0.0337928	0.99206144599782	0.0793378679602681
cg08378505	17	73127297	NT5C	0.0145702	0.773142263271903	0.0793378679602681
cg14499653	1	24740357	STPG1;STPG1;STPG1;STPG1	0.0118049	0.408982277919345	0.0793378679602681
cg09506172	19	28331274		-0.0296985	-0.0526011745237426	0.0793378679602681
cg00744495	9	138710327	CAMSAP1	-0.0191009	-0.02909111436708	0.0793378679602681
cg21251197	9	140514016	EHMT1;C9orf37;EHMT1	0.00505812	0.45627609595058	0.0793378679602681
cg06911002	2	160408618	BAZ2B;BAZ2B	-0.0712466	-0.129726416744101	0.0793378679602681
cg05271080	4	41986520	DCAF4L1;DCAF4L1	-0.0700341	-0.149312913990677	0.0793378679602681
cg27656398	12	123451108	ABCB9;ABCB9;ABCB9	0.021718	0.40837785152673	0.0793378679602681
cg16637556	19	41104184	LTBP4;LTBP4	0.0303564	0.440208913434411	0.0793378679602681
cg15781375	2	27651918	NRBP1	0.0312344	0.510465973413684	0.0793378679602681
cg11199490	12	53564794	CSAD;CSAD	-0.0378473	-0.060976337556189	0.0793378679602681
cg05141005	1	175070412	TNN	-0.0328492	-0.0651450751307536	0.0793378679602681
cg12235622	1	43856473	C1orf84;MED8;MED8	-0.0106569	-0.0159976805234325	0.0793378679602681
cg04623019	1	115034522	TRIM33;TRIM33	-0.0131968	-0.0204761410738422	0.0793378679602681
cg16022195	10	19000784		-0.0735753	-0.14536388937047	0.0793378679602681
cg26549029	12	133286883	PGAM5;PGAM5;PGAM5	0.0115361	0.65710570638353	0.0793378679602681
cg12757037	2	113321746	POLR1B;POLR1B;POLR1B;POLR1B;POLR1B;POLR1B	-0.0361837	-0.0560194802195172	0.0793378679602681
cg02580528	1	183441376	SMG7;SMG7;SMG7	0.0116277	0.624152827450393	0.0793378679602681
cg08095532	15	78831288	PSMA4;PSMA4;PSMA4	0.00909853	0.0135944415104358	0.0793378679602681
cg27362998	10	73376966	CDH23;CDH23;CDH23;CDH23;CDH23;CDH23;CDH23;CDH23	0.00903256	0.0134199738222831	0.0793378679602681
cg26715814	19	7529580	ARHGEF18;ARHGEF18;ARHGEF18;ARHGEF18	0.0105449	0.0161651484299687	0.0793378679602681
cg13751231	13	103058039		-0.0292776	-0.0464476736982833	0.0793378679602681
cg14472484	1	184517082	C1orf21	-0.00937866	-0.0139105266737349	0.0793378679602681
cg27530136	1	156782996	SH2D2A;SH2D2A;SH2D2A;SH2D2A;SH2D2A	-0.0694506	-0.191445670485549	0.0793378679602681
cg03865418	9	79057167	GCNT1;GCNT1	-0.0688788	-0.147721198395178	0.079340596170282
cg06028533	10	16478910	PTER;PTER	0.0105994	0.431272762310459	0.079340596170282
cg00164041	4	89378199	HERC5	0.0053682	0.418421038443845	0.079340596170282
cg12339478	20	44573621	PCIF1	-0.0175064	-0.0263402749899082	0.079340596170282
cg19497734	4	144257218	GAB1;GAB1	0.0123056	0.553379808552762	0.079340596170282
cg02495519	16	20911570	DCUN1D3;LYRM1;LYRM1;LYRM1;LYRM1	0.030625	0.628198069771184	0.079340596170282
cg27555944	3	49056208	DALRD3;DALRD3	0.0211143	0.633159292144349	0.079340596170282
cg06889339	6	168197625	C6orf123	0.0502204	0.942195408726288	0.079340596170282
cg17014378	9	136025100	RALGDS	0.0171257	0.459632711339667	0.079340596170282
cg06104657	2	74734831	PCGF1	0.0065611	0.420139998045527	0.079340596170282
cg14178882	21	38128940	HLCS;HLCS;HLCS	0.00965807	0.0144612727151965	0.079340596170282
cg21737173	9	16870822	BNC2	0.0296259	0.592241409695166	0.0793950033231131
cg20852378	4	184680264		-0.0729902	-0.15179966062843	0.0793950033231131
cg08522087	5	14871910	ANKH	0.0266289	1.17995422560284	0.0793950033231131
cg20971970	12	57632495	NDUFA4L2	0.021934	0.630810487105509	0.0793950033231131
cg01640456	4	141075565	MAML3	0.00816077	0.378162475450975	0.0793950033231131
cg20387272	8	144640401	GSDMD;GSDMD	0.0128089	0.697234785092243	0.0793950033231131
cg25584761	2	16410140		-0.0126409	-0.0188105434373659	0.0793950033231131
cg18119529	19	48775014	ZNF114	0.00390244	0.455808110085945	0.0793950033231131
cg01436700	2	2105953902	C2orf49	0.0179832	0.551161907584893	0.079411595111465
cg05269553	16	1535814		0.0939968	0.200601216855317	0.079472069825999
cg03538717	3	79068441	ROBO1;ROBO1;ROBO1;ROBO1;ROBO1;ROBO1	0.00908176	0.488227886626017	0.0796531557145924
cg08781042	12	48166839	SLC48A1	0.00528021	0.411369295520528	0.0799043081031149
cg22736789	7	138561753	KIAA1549;KIAA1549	0.00527919	0.00781634195715019	0.0799043081031149
cg03648789	2	38304037	CYP11B1	0.0187318	0.624641321517619	0.080036094059226
cg16236108	4	84457579	AGPAT9	0.0194576	0.74111280338375	0.0801095170482245
cg11288647	14	95727390	CLMN	-0.038574	-0.0706844092278623	0.0802433827886744
cg13260280	8	27063108		-0.0666738	-0.122490451329967	0.0803625254972515
cg12866551	10	20019641		-0.018526	-0.0285666727327626	0.0803625254972515
cg00826610	9	37800654	DCAF10	0.0213516	0.676964314352443	0.0803625254972515
cg12528637	15	40987266	RAD51-AS1;RAD51;RAD51;RAD51;RAD51	0.0282344	0.753248375412799	0.0807297440978179
cg10904699	11	123301490		0.0350276	0.65625490039188	0.0807297440978179
cg04547425	17	73043127	ATP5H;KCTD2;ATP5H	0.0103649	0.676700136605759	0.0807297440978179
cg02497785	7	48494608	ABCA13	0.101222	0.177600050549182	0.0807297440978179

cg01390564	16	31162282	PRSS36	-0.0565979	-0.156914949837984	0.081281342815783
cg20199354	16	3070259	TNFRSF12A	0.0354783	0.296197551185417	0.081281342815783
cg20882291	8	97506160	SDC2;SDC2	0.0364115	1.17682668254829	0.081281342815783
cg04240504	6	109330951	SESN1;SESN1;SESN1	0.0287033	0.574879525292247	0.081281342815783
cg05731183	15	68132796		0.00538438	0.476262489679977	0.0813644945458804
cg03617693	3	136751559		0.0177865	0.515901336677896	0.0813644945458804
cg11525941	5	87971950	LOC645323;LOC645323	0.026874	0.6118199705262	0.0813644945458804
cg27408262	-10	126706831	CTBP2;CTBP2;CTBP2	-0.0761446	-0.145586659332559	0.0814415238184259
cg24883333	1	25071513	CLIC4	0.0127476	0.587485558277382	0.0814415238184259
cg14804102	16	89339261	ANKRD11;ANKRD11;ANKRD11	-0.0281457	-0.0436051576575561	0.0814415238184259
cg24280449	16	55690309	SLC6A2;SLC6A2;SLC6A2	0.0322991	0.615428181520352	0.0814415238184259
cg06520520	22	46594254	PPARA;PPARA;PPARA;PPARA	0.0107748	0.0161555524880397	0.0814415238184259
cg16648632	6	6003584	NRN1	0.0434475	0.619448228939364	0.08167041962779
cg02231834	16	11560831	LOC101927131	-0.0336043	-0.053179494135463	0.0816908409525518
cg11482290	12	51136416	DIP2B	-0.0284444	-0.0451826590081795	0.0816908409525518
cg00448889	15	60714492	NARG2;NARG2	-0.0812434	-0.156937318625814	0.0817246500291242
cg08803445	20	30466863	TLL9	-0.0804697	-0.169303880293586	0.0817246500291242
cg12511277	11	134633148		-0.0159383	-0.0240374096514543	0.0817246500291242
cg13650856	2	63005412	EHBP1;EHBP1;EHBP1;EHBP1	-0.0362583	-0.056437290984992	0.0817351082821855
cg16736300	19	8579199	ZNF414;ZNF414	0.016242	0.834521368709003	0.0817543124009382
cg09831611	2	54261700		-0.0550777	-0.101923117050635	0.0817543124009382
cg13302166	17	8534048	MYH10	0.0230257	0.470429874690153	0.0817543124009382
cg17826675	3	156392703	TIPARP-AS1;TIPARP;TIPARP	0.040632	1.02280230950137	0.0817543124009382
cg12858212	16	4451467	CORO7-PAM16;CORO7;CORO7;CORO7	-0.0131147	-0.0202521576993327	0.0817543124009382
cg10954363	3	112930438	BOC	0.0104477	0.611561793156546	0.0817543124009382
cg15577706	17	33763575	SLFN13	-0.0339716	-0.0534379453737258	0.0817543124009382
cg15741083	13	21099541	CRYL1	0.0224043	0.96528096797583	0.0817543124009382
cg04827646	14	72971119	RGS6;RGS6;RGS6;RGS6;RGS6;RGS6;RGS6;RGS6;RGS6	-0.0412257	-0.0669600715502142	0.0817543124009382
cg20549229	8	98655248	MTDH	-0.0455093	-0.0789166532206119	0.0817543124009382
cg23346408	10	81001957	ZMI1	0.0239336	0.456913311694689	0.0817543124009382
cg06442378	10	34587378	PARD3;PARD3;PARD3;PARD3;PARD3;PARD3;PARD3	-0.0750186	-0.152268848951066	0.0817543124009382
cg13151361	2	179298300	PRKRA;MIR548N;PRKRA;PRKRA	-0.0966551	-0.183721388010715	0.0817543124009382
cg16303510	6	14394735		-0.0122786	-0.0185582197506712	0.0817543124009382
cg04241305	5	137689053	KDM3B	0.0125197	0.457166623014015	0.0817543124009382
cg05151395	17	8192371	SLC25A35;RANGRF	0.0158581	0.491614816375493	0.0817543124009382
cg17589325	1	201924583	TIMM17A	0.040507	0.754258418892012	0.0817543124009382
cg05226454	10	725877	DIP2C	0.00979737	0.0148754511356934	0.0817543124009382
cg01882095	19	17420128	DDA1	0.0137901	0.928030609419805	0.0817543124009382
cg05090972	16	69788427	NOB1	0.00602102	0.39760373615222	0.0817543124009382
cg09818930	16	31106315	VKORC1;VKORC1	0.0265928	0.925179190944276	0.0817543124009382
cg10058885	22	38673051		-0.0888124	-0.174192013820255	0.0817543124009382
cg17736252	1	78273462	FAM73A	-0.0481229	-0.0895940817638817	0.0817543124009382
cg10698424	9	114423570	GNG10;DNAJC25-GNG10	0.00665252	0.48054967539005	0.0817543124009382
cg18100653	7	155089030	INSIG1;INSIG1;INSIG1	0.0215638	0.734742324536004	0.0817543124009382
cg05630523	19	12886518	HOOK2;HOOK2	0.0131603	0.720255997144753	0.0817543124009382
cg01979888	12	6665424	IFFO1;IFFO1	0.013765	0.480339263719533	0.0817543124009382
cg17749261	3	156392701	TIPARP-AS1;TIPARP;TIPARP	0.0943698	2.21118344560835	0.0817543124009382
cg03498383	16	68002044	SLC12A4;SLC12A4;SLC12A4;SLC12A4	0.00564202	0.27442085553987	0.0817758765894366
cg20607106	1	95538550	ALG14	0.018435	0.49722880321711	0.0819650163810877
cg24697311	18	7712348	PQLC1;PQLC1;PQLC1	0.0107678	0.458341897965572	0.0819650163810877
cg17681277	16	3070284	TNFRSF12A	0.0544559	0.358903794002637	0.0820047408072486
cg06455032	19	45251911	BCL3	0.0409016	0.275176524265218	0.0820047408072486
cg20942198	3	196014751	PCYT1A	0.00753867	0.494902269260155	0.0820047408072486
cg04888730	16	3712318	TRAP1;TRAP1	0.0161035	0.024884888399446	0.0820047408072486
cg22732549	8	8820073		-0.0698961	-0.122779427944503	0.0820047408072486
cg22051338	21	34989581	CRYZL1	-0.0406275	-0.067579021569009	0.0820455234964
cg13499468	1	23494459	LUZP1;LUZP1	0.038204	0.394319920792089	0.0820894269120116
cg07301329	16	85648263	KIAA0182;KIAA0182	0.0477726	0.350271054625089	0.0820894269120116
cg05590233	17	109545	RPH3AL	-0.0391479	-0.0639228602978652	0.0820894269120116
cg01109763	4	3387281	RGS12;RGS12;RGS12	0.0298177	0.731985158195133	0.0821019867366648
cg05303981	9	21995305	CDKN2A;CDKN2B-AS1;CDKN2B-AS1;CDKN2B-AS1;CDKN2B-AS1;CDKN2B-AS1;CDKN2B-AS1	0.0287836	0.598861551798119	0.0821019867366648
cg11384654	12	43041781	LOC101927058	-0.0696553	-0.139898117023822	0.0821932952287104
cg06705772	11	62439523	C11orf48;C11orf83	0.00655605	0.449729081709688	0.0821932952287104
cg05787120	3	50365854	TUSC2	0.0157629	0.691519253389506	0.0821932952287104
cg09832197	9	97007732		-0.0745395	-0.143175661900673	0.0822454053551294
cg23604584	13	50367114	KPNA3	0.0175593	0.676105778246371	0.0822719801133613
cg16767327	2	29331293	CLIP4	-0.048735	-0.0802158823320895	0.0823199235122547
cg10723075	20	20693064	RALGAP2	0.0108272	0.495989316935868	0.0823867859668522
cg18780259	19	19006582	GDF1;LASS1;LASS1	0.0414045	0.612373709707421	0.0823867859668522
cg07249919	5	53813391	SNX18;SNX18;SNX18	0.0161937	0.323497660198889	0.0823867859668522
cg05797914	5	110702850	CAMK4	-0.109757	-0.227903181313591	0.0823867859668522
cg00558174	5	14872551	ANKH	0.0123721	0.5303711771419631	0.0823867859668522
cg08077890	18	157838	USP14;USP14	-0.0798154	-0.143233768537799	0.0823867859668522
cg09856869	1	33286822	S100BPB;S100BPB	-0.067439	-0.159057408791195	0.0823867859668522
cg21605986	5	17578875	KIAA1191;KIAA1191;KIAA1191;KIAA1191;KIAA1191	0.033842	1.22543803201557	0.0823867859668522
cg20506184	10	7453329	SFMBT2;SFMBT2	0.0102988	0.52758315271208	0.0823867859668522
cg02745211	3	132757106	TMEM108;TMEM108	0.00503896	0.313374997624898	0.0823867859668522
cg02240315	1	41707901	SCMH1;SCMH1;SCMH1;SCMH1	0.0126592	0.438692364880103	0.0823867859668522
cg18858865	14	59655267	DAAM1	0.0135727	0.715450089261765	0.0823867859668522
cg08396677	2	136288699	ZRANB3;R3HDM1;ZRANB3	0.00486294	0.291054875711546	0.0823867859668522
cg17386899	15	79603965	TMED3	0.0269044	0.642515317938987	0.0823867859668522
cg07803781	1	11333577	UBIAD1;UBIAD1	0.00667931	0.536975027923937	0.0823867859668522

cg07654559	2	74710618	TTC31;CCDC142;TTC31	0.0463904	0.557126735083305	0.0823867859668522
cg08139833	11	67798212	NDUFS8	0.00354854	0.416327193773097	0.0823867859668522
cg22748698	17	7146447	GABARAP	0.0127312	0.432853628826418	0.0823867859668522
cg22841635	14	69951305	FLJ44817	0.0211427	0.362378511579842	0.0823867859668522
cg22801675	5	175971121		0.0122575	0.51620317708674	0.0823867859668522
cg13298932	1	155100169	EFNA1;EFNA1	0.0251105	0.799362195893556	0.0823867859668522
cg03629096	14	73915638	NUMB;NUMB;NUMB;NUMB	-0.0802815	-0.144128968971492	0.0823867859668522
cg23346107	14	69864717	ERH;SLC39A9	0.0117562	0.47451074441975	0.0823867859668522
cg11144753	14	103740065		0.028068	0.689621819392766	0.0823867859668522
cg14013133	1	43887850	KIAA0467	0.0123269	0.0186465009805289	0.0823867859668522
cg22858733	6	35995359	MAPK14;MAPK14;MAPK14;MAPK14	0.00758358	0.535702859247489	0.0823867859668522
cg14354168	6	1619134		-0.0544584	-0.104567402427658	0.0823867859668522
cg26494252	19	15083916	SLC1A6	-0.0519934	-0.119480967983199	0.0823867859668522
cg04129754	19	28660027		-0.0748483	-0.188592691118932	0.0823867859668522
cg27060912	19	6517005		0.0168872	0.459322433816302	0.0823867859668522
cg07691761	5	131892711	RAD50;RAD50;RAD50;RAD50	0.00823551	0.382860969052017	0.0823867859668522
cg11704396	3	48723701	NCKIPSD;NCKIPSD	0.0288791	0.960254012517783	0.0823867859668522
cg01601097	1	229364737		-0.0499741	-0.0891757921967299	0.0823867859668522
cg24671245	10	76585406	MYST4	0.0214917	0.494148775879606	0.0823867859668522
cg13117590	6	3981622		-0.0262221	-0.0405777832468137	0.0823867859668522
cg07045469	7	48494579	ABCA13	0.0733667	0.118990820062115	0.0823867859668522
cg27102864	16	5835418	NDRG4;NDRG4;NDRG4	0.0171118	0.559439911672481	0.0825116137994541
cg0906147	4	39979791	PDS5A;PDS5A;PDS5A	0.00812562	0.380071879115992	0.0825996943841617
cg12562042	16	19098052		0.00852627	0.407302566158156	0.0825996943841617
cg22322834	12	50135138	TMBIM6;TMBIM6	0.00922347	0.378572715658719	0.0825996943841617
cg14819616	10	128839969	DOCK1;DOCK1	-0.0666964	-0.125609968760473	0.0825996943841617
cg0803088	10	43600706	RET;RET	0.0571401	2.1024312454709	0.0825996943841617
cg25123308	2	113300087	POLR1B;POLR1B	0.014847	0.525715806360374	0.0825996943841617
cg05079543	19	42388414	ARHGEF1;ARHGEF1;ARHGEF1	0.0258908	0.679653326079312	0.0825996943841617
cg01119259	14	44977304	FSCB	-0.0728687	-0.140126618094556	0.0825996943841617
cg10624480	1	153936631	SLC39A1	0.00301585	0.393008518535928	0.0825996943841617
cg26064774	4	6666009		0.078392	0.654286787449608	0.0825996943841617
cg11701951	12	51477122	CSRN2;CSRN2	0.00824779	0.460824224853452	0.0825996943841617
cg22942210	14	69654470		-0.0498874	-0.0831544373723812	0.0825996943841617
cg17618987	22	16190030		-0.058866	-0.10921598212481	0.0825996943841617
cg26314507	15	25902323		-0.039793	-0.0630016128053776	0.0825996943841617
cg0502972	17	6543355	TXNDC17;KIAA0753	0.0343233	0.661773325733138	0.0825996943841617
cg08136599	6	8042158	EEF1E1-BLOC1S5;BLOC1S5;BLOC1S5;BLOC1S5;BLOC1S5-TXNDC5	-0.0549408	-0.0996047854342244	0.0825996943841617
cg17372361	14	61612138		-0.0112754	-0.016768963429607	0.0825996943841617
cg00227490	11	9336016	TMEM41B;TMEM41B;TMEM41B;TMEM41B;TMEM41B	0.00776388	0.50295224226309	0.0825996943841617
cg20477448	4	13656704		0.00661765	0.00977039759548299	0.0825996943841617
cg15896339	1	872649	SAMD11	0.0142242	0.570273716917833	0.0825996943841617
cg01326942	6	90596921		-0.0496602	-0.0813975338386198	0.0825996943841617
cg07889826	3	50127152	RBMS	0.014004	0.47891711206763	0.0825996943841617
cg24346110	15	83407523	ACTG1P17	-0.0846955	-0.158397765872212	0.0825996943841617
cg14107485	8	27950471	ELP3;ELP3;ELP3;ELP3;ELP3	0.0211102	0.715465482188239	0.0825996943841617
cg17944940	17	73285520	SLC25A19;SLC25A19;SLC25A19;SLC25A19;SLC25A19	0.0337685	1.12313108043454	0.0825996943841617
cg05062612	12	108523409	WSCD2	0.00504195	0.346478818759469	0.0825996943841617
cg08410109	2	101179395	PDCL3	0.0185361	0.688865715086566	0.0825996943841617
cg03652211	12	108736538		-0.0339535	-0.0592433557664198	0.0825996943841617
cg02688348	11	57103429	SSRP1	0.0451579	1.0669581988487	0.0825996943841617
cg17353057	21	46294185	PTTG1IP	0.018078	0.814876158427757	0.0825996943841617
cg07640747	10	93392870	PPP1R3C	0.0157911	0.481092103283054	0.0825996943841617
cg00689580	6	10420798	TFAP2A	0.045967	0.742214872348575	0.0825996943841617
cg21231262	9	122521448		-0.0663171	-0.182753494545701	0.0825996943841617
cg08005320	16	68057225	DUS2L;DUS2L;DDX28;DDX28	0.0171988	0.970912547529664	0.0825996943841617
cg27325395	9	99089615	SLC35D2;SLC35D2;SLC35D2	-0.0384912	-0.061647998977324	0.0825996943841617
cg13339291	17	80155868	CCDC57	-0.0595542	-0.107863844457028	0.0825996943841617
cg08818195	12	133066505	FBRSL1	0.0445303	0.488336393268662	0.0825996943841617
cg14264747	3	133383753		-0.0211415	-0.0335494769496024	0.0825996943841617
cg27223543	1	45098125	RNF220	0.0195343	0.565996291426639	0.0825996943841617
cg02795515	17	37381273	STAC2	0.0148687	0.542569822830144	0.0825996943841617
cg09838326	8	30629816		-0.0213192	-0.0342231648619619	0.0825996943841617
cg05080815	19	35379312		-0.0140925	-0.0212619290501054	0.0825996943841617
cg24202654	2	171674567	GAD1;GAD1	0.0158655	0.354505465971129	0.0825996943841617
cg20788115	15	75636870		-0.0495199	-0.0791204560562389	0.0825996943841617
cg15020726	15	31196382	MTMR15;MTMR15;MTMR15;MTMR15	0.0090955	0.462825609623584	0.0825996943841617
cg15495920	1	65778729	DNAJC6	-0.0232107	-0.0359620191696452	0.0825996943841617
cg00872998	9	74820402	GDA;GDA;GDA;GDA	-0.093149	-0.214274964586273	0.0825996943841617
cg21484680	2	27593328	EIF2B4;EIF2B4;SNX17;EIF2B4	0.0262032	0.753047096794773	0.0825996943841617
cg17814109	5	1386363		0.0248838	0.561887006517678	0.0826207889194387
cg07102345	9	111696472	IKBKAP;IKBKAP;FAM206A	0.0228074	0.481231766218665	0.082629327055183
cg04553410	7	150864885	GBX1	0.0242052	0.899281693104227	0.082629327055183
cg13717023	5	53606639	15,00 ARL	0.0245353	0.859248430386943	0.082629327055183
cg23451324	19	11708147	ZNF627	0.00763783	0.480320323634346	0.082629327055183
cg26329992	4	56719469	EXOC1;EXOC1;EXOC1	-0.00561562	-0.00822928896105215	0.0827147122842582
cg18677773	5	168018169		-0.0767063	-0.16113727079145	0.0827226567216581
cg26260369	14	68141723	VTI1B	0.0459022	1.28734823142486	0.0827226567216581
cg26672794	1	25257131	RUNX3;RUNX3	0.0422505	0.467989449741244	0.0827226567216581
cg13414679	11	70243843	CTTN;CTTN	0.0321062	0.653643548611843	0.0827226567216581
cg14580567	4	145567271	HHIP;HHIP	0.0169041	0.456349202527035	0.0827226567216581
cg15246686	9	72715990	MAMDC2;MAMDC2	-0.0220539	-0.0336214862024681	0.0827226567216581

cg05361503	16	4475729	DNAJA3;DNAJA3;DNAJA3	0.0203365	0.964367557322025	0.0827226567216581
cg06362482	8	16021835	MSR1;MSR1;MSR1	-0.0406533	-0.361574541049669	0.0827226567216581
cg19566272	6	139695824	CITED2;CITED2;CITED2	0.00736344	0.613585117151741	0.0827226567216581
cg17772342	5	134871686	NEUROG1	0.0584517	0.334191584425774	0.0827226567216581
cg03631461	5	179089038		-0.00700001	-0.0103779107154385	0.0827226567216581
cg18013408	7	100487659	UFSP1;ACHE;ACHE	0.0193266	0.328929969406111	0.0827226567216581
cg11218415	8	104030731		-0.0535996	-0.0878979430975534	0.0827226567216581
cg19756512	11	35068439		-0.0321618	-0.0504238633431439	0.0827226567216581
cg18012350	15	74753669	UBL7;UBL7	0.0192544	0.632433276773893	0.0827226567216581
cg04847795	1	70820736	HHLA3;ANKRD13C;HHLA3;HHLA3;HHLA3	0.025508	0.901395933473746	0.0827226567216581
cg09591886	16	22333264	POLR3E	0.00672594	0.0100511707316762	0.0827226567216581
cg05203855	19	799445	TIMM44	0.0173048	0.375055211464623	0.0827226567216581
cg22084302	13	20246166	MPHOSPH8	0.00357821	0.00522875833072869	0.0827226567216581
cg13789219	13	99438910		-0.0224605	-0.0342209974195565	0.0827226567216581
cg04294412	4	7045720	CCDC96;TADA2B	0.0284111	1.02138056875953	0.0827226567216581
cg21526572	10	133850592		0.0368748	0.430197330149547	0.0827226567216581
cg16533336	7	70765583	WBSCR17	-0.0389594	-0.0699915207325286	0.0827226567216581
cg09111258	17	46114933	COPZ2;MIR152	0.0261496	0.650423618550959	0.0827226567216581
cg08611430	5	137801033	EGR1	0.00954145	0.475832761082719	0.0827226567216581
cg21381136	1	8445818	REER;REER;REER	-0.0496645	-0.0867873992600977	0.0827226567216581
cg04242710	2	201729573	CLK1;CLK1;CLK1;CLK1	0.00846506	0.459852045228263	0.0827226567216581
cg09432409	5	66540037		-0.0444966	-0.079149948389083	0.0827226567216581
cg24964915	3	196676228	PIGZ	-0.00343297	-0.00514744072614754	0.0827672357731161
cg11948381	11	47574185	CUGBP1	0.0101686	0.551828287527866	0.0828165505546208
cg20906495	6	150238016	RAET1G	-0.0124432	-0.0186115740640604	0.0828165505546208
cg23721088	10	80955256	ZMI2	0.0314327	0.659191906637322	0.0828165505546208
cg07771804	19	2268130	OAZ1;OAZ1	-0.0293611	-0.0451694844165123	0.0828165505546208
cg02457826	20	30310733	BCL2L1;BCL2L1	0.0174219	0.554132472611083	0.0828165505546208
cg25742745	6	30689865	TUBB	0.0238511	0.4085054619095484	0.0828165505546208
cg24790837	7	138838713	TTC26;TTC26;TTC26;TTC26	-0.0751173	-0.172908168312305	0.0829472074408977
cg02463426	19	16683387	SLC35E1	0.0288036	0.661635532738922	0.0829472074408977
cg12934646	6	159466962	TAGAP;TAGAP;TAGAP	-0.0172336	-0.0260066413583102	0.0829472074408977
cg21239269	8	7759257	ZFHX4;ZFHX4-AS1	-0.0308249	-0.0515013439002157	0.0829878902353803
cg04558100	2	73521030	EGR4	0.00495357	0.36156198218457	0.0830056722905755
cg10671572	6	150071503	PCMT1	-0.0715477	-0.447011663681616	0.083013465099289
cg26375263	14	76843202	ESRRB	0.0133844	0.531982752534643	0.0830275998867893
cg02620189	19	40927363		0.0115332	0.511227994799562	0.0830275998867893
cg02447122	2	25142523	ADCY3	0.0228618	0.607951903886269	0.0830275998867893
cg09987128	9	84602238	SPATA31D1	-0.0600265	-0.106648214293578	0.0830275998867893
cg05881034	3	42623675	SEC22C;SEC22C	0.035026	0.865388230581578	0.0830275998867893
cg22159483	17	1588198	PRPF8	0.0340283	0.562912268450687	0.0830275998867893
cg11208039	11	19138753	ZDHHC13;ZDHHC13;ZDHHC13;ZDHHC13	0.0207132	0.760499235619559	0.0830275998867893
cg02052142	14	60794866		0.0120448	0.459255403827944	0.0830275998867893
cg12991306	8	27941405	C8orf80	-0.0682108	-0.157644472302921	0.0830275998867893
cg26646953	17	17183928	COP3;COP3;COP3	0.00595722	0.398861152352408	0.0830275998867893
cg19280901	2	173443071	PKD1;PKD1;PKD1;PKD1	-0.0605119	-0.101062726213287	0.0830275998867893
cg03621258	6	31613356	BAG6;BAG6;BAG6;BAG6;BAG6	0.0135789	0.0205475987483601	0.0830275998867893
cg07018260	11	10536864	RNF141	-0.0805562	-0.157089415935475	0.0830275998867893
cg11651785	8	38244580	LETM2;LETM2;LETM2;LETM2;LETM2	0.0232411	0.541056303982229	0.0830275998867893
cg06179586	6	29969539	NCRNA00171	-0.0389152	-0.0619979127947119	0.0830275998867893
cg04414295	14	102606318	WDR20;WDR20;HSP90AA1;WDR20;WDR20;WDR20	0.0298423	0.985467245323967	0.0830715021864001
cg16252691	12	94498285		-0.0807518	-0.163863410265057	0.0830760503717604
cg14787483	22	39052528	LOC646851;LOC646851;CBY1;CBY1	0.0056473	0.444407843165318	0.0830760503717604
cg06783524	2	208460831	CREB1;CREB1;METTL21A	-0.0413281	-0.0650338883331018	0.0830760503717604
cg05141147	12	113903386	LHX5	0.0156698	0.516893135867065	0.0830760503717604
cg12570942	2	242626270	DTYMK;DTYMK;DTYMK;DTYMK;DTYMK	0.00975274	0.40908647927806	0.0830760503717604
cg10819560	15	63774509		-0.0709449	-0.149636781063621	0.0830760503717604
cg01301842	5	156815746	CYFIP2;CYFIP2;CYFIP2;CYFIP2	-0.0467203	-0.0845666775214475	0.0830760503717604
cg08344341	5	36151993	LMBRD2;SKP2;SKP2;LMBRD2	0.0100576	0.550848585119506	0.0830760503717604
cg08311403	11	124735215	ROBO3	0.00443218	0.326536332048526	0.0830760503717604
cg12128610	7	66057395		0.00924661	0.521415237518467	0.0830760503717604
cg13286692	2	3137500		-0.0444516	-0.0722423532429183	0.0830760503717604
cg20481419	12	79850430	MIR5692B	-0.0679656	-0.119387159138368	0.0830760503717604
cg12109968	20	50383676	ATP9A	0.0295197	0.59372797272614	0.0830760503717604
cg01188936	12	80084361	PAWR	0.0104067	0.788364165616603	0.0830760503717604
cg27386413	2	3473947	TRAPPC12	0.00476681	0.00705228143736225	0.0830760503717604
cg12266151	20	33291892	TP53INP2	0.0102399	0.387300026935974	0.0830760503717604
cg17829401	3	9975317	CRELD1;CRELD1;CRELD1	0.0130554	0.453803383718048	0.0830903758532303
cg19582614	12	4381894	CCND2	0.0154002	0.374105874276336	0.0830903758532303
cg11220663	2	70994863	ADD2;ADD2;ADD2;ADD2;ADD2	0.0898115	0.822145579819572	0.0831928480211502
cg26519799	19	55897819	RPL28;RPL28;RPL28;RPL28;RPL28	0.00585738	0.600817947779366	0.0831928480211502
cg09418792	9	123555852	FBXW2;LOC100288842	0.019941	0.740651580163056	0.0833421938001392
cg09526912	2	45237431	SIX2	0.033338	0.448192801034516	0.0833561423403011
cg04361145	9	123964183	RAB14;RAB14	0.0276563	1.11964557425822	0.0833664672878077
cg03783420	9	36400446	RNF38;RNF38;RNF38;RNF38;RNF38	0.00806	0.452800498351718	0.0833725400522609
cg20773005	16	79436422		0.0168042	0.0259246556035678	0.0833725400522609
cg04342230	11	8986449	TMEM9B;TMEM9B;TMEM9B;TMEM9B;TMEM9B-AS1	0.0329448	0.94275749668362	0.0833725400522609
cg01216412	12	110011396	MMAB;MVK;MVK	0.00783003	0.456236872315906	0.0833725400522609
cg05516012	11	73019501	ARHGEF17	0.00973739	0.681477517213723	0.0833725400522609
cg17262065	7	39653641		-0.0606388	-0.111294436870692	0.0833725400522609
cg22034943	11	65383239	PCNXL3	0.0177889	0.919770321386434	0.0833725400522609
cg22820285	1	55008241		0.00858018	0.441056385103066	0.0833725400522609

cg26574964	11	117049906	SIDT2	0.0248764	0.389294691298255	0.0833725400522609
cg24069674	6	27230661		-0.0217953	-0.0330170684622633	0.0833725400522609
cg18040305	6	64281886	PTP4A1	0.00691951	0.477329707510734	0.0833725400522609
cg12591986	16	14368115		-0.0580962	-0.102349935812084	0.0833725400522609
cg20630240	16	66771590	DYNC1L1;DYNC1L2	0.00931224	0.0140219801217293	0.0833725400522609
cg17301114	2	72971072	EXOC6B	-0.0375654	-0.0604222276059503	0.0833725400522609
cg03920061	10	21598708		-0.0354589	-0.055629912935175	0.0833725400522609
cg19301602	3	46855194		-0.0953141	-0.182507551676389	0.0833725400522609
cg24799909	5	145724482		0.0248505	0.761710023737104	0.0833725400522609
cg25879102	1	38600119		0.00812857	0.419940934853229	0.0833725400522609
cg16974433	11	35198159	CD44;CD44;CD44;CD44;CD44;CD44;CD44	-0.00538291	-0.00791601126277003	0.0833725400522609
cg09127400	6	30712331	IER3	0.0100624	0.645549736307309	0.0833725400522609
cg15463803	4	113436765	NEUROG2	0.018642	0.516724748156769	0.0833725400522609
cg03920887	1	205616632		-0.0293076	-0.0454097575094518	0.0833725400522609
cg09699605	12	57023789	BAZ2A	0.0403977	1.27392211495586	0.0833725400522609
cg12822972	9	33524289	ANKRD18B	0.0499308	0.545183129446102	0.0833725400522609
cg20165111	11	77300425	AQP11	0.0140728	0.851354817841712	0.0833725400522609
cg10922289	11	62648720	SLC3A2;SLC3A2;SLC3A2;SLC3A2;SLC3A2	0.0128911	0.453417577992804	0.0833725400522609
cg01353464	3	38180116	ACAA1;ACAA1;ACAA1;MYD88;MYD88	0.0476781	0.42379841776588	0.0833725400522609
cg16659151	3	136233959	STAG1	-0.0687218	-0.136858822984607	0.0833725400522609
cg24856732	22	50963486	SCO2;SCO2;SCO2;SCO2	0.0225488	0.688270665879336	0.0833725400522609
cg01654862	3	159480947	SCHIP1	0.00951961	0.592525046687337	0.0833725400522609
cg07767421	16	5059086	SEC14L5	-0.0381349	-0.0631956051001044	0.0833725400522609
cg17597744	8	53627099	RB1CC1;RB1CC1	0.0412609	0.874964355258341	0.0833725400522609
cg00124488	6	31509762	BAT1;BAT1;SNORD84;BAT1;BAT1	0.0152234	0.502115817990528	0.0833725400522609
cg19377127	22	41033281	MKL1	0.0111326	0.448944997787091	0.0833725400522609
cg26925343	16	28857904	TUFM	0.0258541	0.6450117166759124	0.0833725400522609
cg07625039	5	153817206	SAP30L-AS1	-0.077594	-0.145162369183246	0.0833725400522609
cg16162734	2	149543956	EPC2	-0.0240513	-0.0369194026991435	0.0833725400522609
cg22281380	7	50861467	GRB10	0.0109443	0.3408480039869	0.0833725400522609
cg08443851	16	85646773	KIAA0182;KIAA0182	0.0410547	0.801261216225541	0.0833725400522609
cg05402641	2	180899188		-0.0536365	-0.0902786115361921	0.0833725400522609
cg11675409	15	44083712	SERF2	-0.0470495	-0.0831325428654862	0.0833725400522609
cg14438736	3	171617543	TMEM212-AS1	-0.0360007	-0.0659015298315747	0.0833725400522609
cg16182055	5	137879011	ETF1	0.0159507	0.536771260245784	0.0833725400522609
cg07283152	11	8284997	LMO1;LMO1	0.0377396	0.565877301407896	0.0833725400522609
cg06936006	7	133074606	EXOC4;EXOC4	-0.0373305	-0.0593156225458457	0.0833725400522609
cg10059378	16	4817345	ZNF500	0.0166122	0.653701272830046	0.0833725400522609
cg02641865	1	40595336		-0.0674273	-0.114684516454897	0.0833725400522609
cg18560247	4	78071590		-0.0583263	-0.0975655510917974	0.0833725400522609
cg19609713	12	6558051	CD27;CD27-AS1	-0.031589	-0.0514744624909787	0.0833725400522609
cg03766306	1	90461091	LOC492303;ZNF326;ZNF326	0.0102273	0.495931977454571	0.0833725400522609
cg24390820	12	131189380		-0.0347968	-0.0600532665865005	0.0833725400522609
cg12225467	1	40372098		-0.0315278	-0.0555217861498529	0.0833725400522609
cg03602124	1	113258101	PPM1J	0.00985216	0.496148320993016	0.0833725400522609
cg11698099	16	67695462	PARD6A;ACD;ACD;PARD6A;ACD	0.0219023	0.371679613298036	0.0833725400522609
cg23272668	11	11863629	USP47;USP47	0.00818363	0.453163522984503	0.0833725400522609
cg09847415	22	40633982	TNRC6B;TNRC6B;TNRC6B	0.00601837	0.00885840270841351	0.0833725400522609
cg03410961	6	391680	IRF4	0.0293469	0.431897875610589	0.0833725400522609
cg02962095	1	145590829	NUDT17;POLR3C;POLR3C;NBPF20;NBPF10;NBPF10	-0.0679011	-0.121639139102579	0.0833725400522609
cg19516041	4	125633907	ANKRD50;ANKRD50	0.0479679	0.436488972741971	0.0833725400522609
cg14163444	7	99595348		0.0183614	0.429474427292951	0.0833725400522609
cg06898080	12	111807837	FAM109A;FAM109A;FAM109A	-0.0389715	-0.0686193344742079	0.0833725400522609
cg27556913	4	1341059	KIAA1530	0.00743212	0.400474738205833	0.0833725400522609
cg06006168	12	53893448	TARBP2;TARBP2;MAP3K12;MAP3K12	0.0437873	0.490755020098989	0.0833725400522609
cg09397900	16	2070528	NPW	0.0117193	0.635725189959481	0.0833725400522609
cg07226281	16	1756622	MAPK8IP3;MAPK8IP3	0.0180733	0.731329622844781	0.0833725400522609
cg24180066	19	56632673	ZNF787	0.0188708	0.534560116036689	0.0833725400522609
cg22323350	5	65222292	ERBB2IP;ERBB2IP;ERBB2IP;ERBB2IP;ERBB2IP	0.0305969	0.598020075794159	0.0833725400522609
cg26085714	1	245133458	LOC101928068;EFCAB2;EFCAB2;EFCAB2	0.0346068	0.311466688694982	0.0833725400522609
cg01637377	17	8567313		-0.045466	-0.0782325039390296	0.0833725400522609
cg17172090	6	2926650		-0.0486456	-0.105488035111673	0.0833725400522609
cg12234226	6	90932450	BACH2;BACH2	-0.0719529	-0.170262264468707	0.0833725400522609
cg04429367	13	113939322		-0.0231369	-0.0357570145110977	0.0833725400522609
cg16713009	19	44223436	IRGC	-0.011817	-0.017729466182903	0.0833725400522609
cg11564042	3	150479915	SIAH2	0.0453938	0.599585050658647	0.0833725400522609
cg15586420	15	90294517	MESP1;MESP1	0.0320407	0.578660332685478	0.0833725400522609
cg11276193	17	33570022	SLFN5	0.00405065	0.348497958548859	0.0833725400522609
cg06206471	16	4364052		0.00786357	0.357934797517731	0.0833725400522609
cg23310839	18	19180999	ESCO1	0.0137582	0.513019416254461	0.0833725400522609
cg18772071	4	89618324	NAP1L5;HERC3;NAP1L5	0.0475084	0.14191549250715	0.0833725400522609
cg15012981	1	11741009	MAD2L2;MAD2L2	0.0284272	1.36979192096249	0.0833725400522609
cg21572957	3	195564748		-0.0307498	-0.0486843633998462	0.0833725400522609
cg19398269	6	28678460		-0.0178915	-0.0513568222309907	0.0833725400522609
cg08563487	20	2633027	MIR1292;NOP56;NOP56	0.0244304	0.930312733035727	0.0833725400522609
cg18221711	8	103963195	AZIN1-AS1;AZIN1-AS1	-0.0168011	-0.0252225020504621	0.0833725400522609
cg10457504	17	19281708	MAPK7;MAPK7;MAPK7;MAPK7	0.016734	0.342564415680892	0.0833725400522609
cg16524332	4	3075655	HTT	0.0190139	0.626461447590942	0.0833725400522609
cg27619163	17	7982806	ALOX12B	0.0438988	1.47398467306146	0.0833725400522609
cg15337463	20	5930963	TRMT6;MCM8;MCM8;MCM8;MCM8;MCM8;TRMT6;TRMT6	0.00664117	0.472729789534546	0.0833725400522609
cg00521887	18	39535162	PIK3C3	0.00848368	0.401682394537633	0.0833725400522609
cg08658318	21	46351329		0.0111574	0.628944415192806	0.0833725400522609

cg12900061	15	43199409	TTBK2	-0.0590267	-0.100700830697853	0.0833725400522609
cg26673151	17	37887607	C1orf37	-0.0594203	-0.101298186464133	0.0833725400522609
cg22652733	10	74452328	MCU;MCU;MCU;MCU	0.0240286	0.618372104171829	0.0833725400522609
cg11716640	1	113933411	MAG3;MAG3	0.0252324	0.638488556012157	0.0833725400522609
cg11187916	1	145562715	ANKRD35	0.0232791	0.398500674001206	0.0833725400522609
cg16676952	20	62612301	SAMD10;PRPF6	0.00519287	0.419352289187401	0.0833725400522609
cg08268585	5	34839194	TTC23L	0.00731758	0.491125988590222	0.0833725400522609
cg10625705	20	307320	SOX12	0.0189134	0.421383061857904	0.0833725400522609
cg19850545	22	41347463	RBX1	0.0253571	0.754544200663347	0.0833725400522609
cg13240253	3	71245529	FOXP1	-0.0614645	-0.10344410795125	0.0833725400522609
cg08125574	4	186058542		-0.0165553	-0.0249982865485147	0.0833725400522609
cg08889009	15	59157123		0.0652604	0.293072599021368	0.0833725400522609
cg01181053	11	57425124	CLP1;CLP1	0.00824547	0.543685028518982	0.0833725400522609
cg12608603	14	91926636	PPP4R3A;PPP4R3A	-0.0510828	-0.0882495798576423	0.0833725400522609
cg08694699	16	68270282	ESRP2	0.0210494	0.526826674351028	0.0833725400522609
cg04369964	11	63997586	DNAJC4	0.0122899	0.323518293140393	0.0833725400522609
cg02294570	12	122362615	WDR66	-0.0580236	-0.159934729171523	0.0833725400522609
cg05711145	16	84224633	ADAD2;ADAD2	-0.0174531	-0.0273953148825945	0.0833725400522609
cg12811797	3	156392549	TIPARP-AS1;TIPARP;TIPARP;TIPARP	0.0301031	0.711724984193679	0.0833725400522609
cg13486309	1	155329113	ASH1L	-0.0867555	-0.16659806458086	0.0833725400522609
cg18976974	8	103990325		-0.0567376	-0.0951867048336709	0.0833725400522609
cg23091741	1	226111643	PYCR2	0.0263246	0.71679840567618	0.0833725400522609
cg00730780	10	30316187	KIAA1462	0.016088	0.939499930569006	0.0833725400522609
cg07776847	4	140201065	C4orf49	0.00445435	0.336372342822438	0.0833725400522609
cg11124980	7	105925837	NAMPT	0.0173671	0.679055786570676	0.0833725400522609
cg13373321	12	49076048	C12orf41	0.00873496	0.751097734377905	0.0833725400522609
cg07961283	21	36261057	RUNX1;RUNX1;RUNX1	0.0309447	1.00532089791503	0.0833725400522609
cg06703062	1	31191648	MATN1	0.0380348	1.74751298937554	0.0833725400522609
cg15685834	1	18970180	PAX7;PAX7;PAX7	0.0110904	0.399868968217708	0.0833725400522609
cg22008625	8	10588386	SOX7	0.00884163	0.371629712560382	0.0833725400522609
cg03213505	9	139025831		0.0325334	0.571192578400538	0.0833725400522609
cg07697635	5	77656183	SCAMP1	0.00645489	0.584779340821793	0.0833725400522609
cg05995220	20	55964998	RBM38;RBM38	0.0299379	0.319630483552036	0.0833725400522609
cg14846380	12	125333322	SCARB1;SCARB1	0.00316544	0.00465349083505806	0.0833725400522609
cg13324603	17	74733680	MFSD11;MIR636;SRSF2;SRSF2;SRSF2;MFS11;MFS11;MFS11;MFS11;M	0.0761916	1.73469821846795	0.0833725400522609
cg13530292	19	42721476	DEDD2	0.00797382	0.556375314213312	0.0833725400522609
cg02999208	15	42183840	SPTBN5	-0.0507754	-0.0941834490789406	0.0833725400522609
cg22535773	10	98461202	PIK3AP1	-0.0564105	-0.111056189027515	0.0833725400522609
cg12899157	18	3452302	TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1;TGIF1	0.0163455	0.69277129872911	0.0833725400522609
cg14855607	14	74706891	VSX2	0.0276689	0.337519671635716	0.0833725400522609
cg02215960	3	50607131	HEMK1	0.0164404	0.828652184831434	0.0833725400522609
cg24356321	1	186344702	TPR;C1orf27;MIR548F1;C1orf27;C1orf27	0.0245213	0.689746230096153	0.0833725400522609
cg12915591	11	43965360	LOC387763;LOC387763	0.010486	0.778995200362352	0.0833725400522609
cg01061575	22	45098367	PRR5-ARHGAP8;PRR5;PRR5;PRR5;PRR5	0.0172111	0.410923867451485	0.0833734077776146
cg11736539	6	36838237	C6orf89;PPIL1	-0.0197076	-0.0296536794648711	0.0834162432682024
cg24729481	1	43833600	ELOVL1;ELOVL1	0.0175255	0.760215402032836	0.0834162432682024
cg15991309	17	80291688	SECTM1;SECTM1	0.0155124	0.601268647288977	0.0834162432682024
cg04938152	17	17888990	LRRC48;LRRC48;LRRC48;LRRC48	-0.0441344	-0.0829441897190523	0.0834360043272571
cg04924415	12	100661456	SCYL2;DEPDC4	0.0433909	0.592545775873789	0.0834360043272571
cg10949583	2	179343740	FKBP7;FKBP7;PLEKHA3;MIR548N	0.00869655	0.459577241803645	0.0834360043272571
cg10679714	8	145691133	KIFC2;CYHR1;CYHR1;CYHR1	0.0550479	0.294409867650591	0.0834360043272571
cg07207490	11	118492463	PHLDB1;PHLDB1;PHLDB1	-0.0524529	-0.14342533729686	0.0834360043272571
cg03045021	9	131644678	LRRC8A;LRRC8A;LRRC8A;CCBL1;CCBL1;CCBL1;CCBL1;CCBL1	0.012535	0.578585815255556	0.0834892971239766
cg17426237	10	51463156		-0.0403205	-0.0675961844558074	0.0835887417406499
cg09130192	2	10161320		-0.072839	-0.137544927217011	0.0835887417406499
cg04095923	21	37839286	CLDN14;CLDN14;CLDN14;CLDN14;CLDN14	-0.00916844	-0.013554743884011	0.0835887417406499
cg02744670	4	2470688	RNF4;RNF4;RNF4	0.0821127	1.15101203586061	0.0836395973810918
cg16015797	17	73021048		-0.0560811	-0.0939266009026822	0.0836395973810918
cg06138422	12	133338013	ANKLE2	0.0247259	0.627887346606007	0.083646584198182
cg12345609	1	110165150	AMPD2;AMPD2;AMPD2;AMPD2;AMPD2	0.0120763	0.0184782027570917	0.083646584198182
cg19669078	3	42543564	VIPR1;VIPR1;VIPR1;VIPR1;VIPR1	0.0662763	1.09102470815522	0.083646584198182
cg06952910	4	122744652	CCNA2	0.0176548	0.880854294010458	0.0836609040083184
cg06677332	11	34074341	CAPRIN1;CAPRIN1	0.0113836	0.43720283392758	0.0837705860438025
cg26363634	1	110162485	AMPD2;AMPD2;AMPD2	0.00909933	0.519598059526681	0.0838091144349962
cg03785281	13	41241501	FOXO1	0.0223375	0.985933096273204	0.0838117917806502
cg01801368	6	33281322	TAPBP;TAPBP;TAPBP	0.0132752	0.573443008494097	0.0838507173041068
cg26969288	1	200379157	ZNF281;ZNF281;ZNF281;ZNF281;ZNF281	0.0278536	1.00610953778486	0.0838840447910916
cg02768671	6	169470822		-0.0391941	-0.0625771097095596	0.0838840447910916
cg24185998	5	176966237	FAM193B;FAM193B	-0.0530857	-0.09439262213901789	0.0838840447910916
cg25799897	10	73157222	CDH23;CDH23	0.0243414	0.613182884068121	0.0838840447910916
cg18562663	3	187455516	BCL6;BCL6	0.0114194	0.461380203729008	0.0838840447910916
cg07031532	15	64995684	OAZ2	0.0231399	0.862993791231587	0.0838840447910916
cg00334349	7	127928611		-0.0587361	-0.0969514939965768	0.0838840447910916
cg24769167	19	1205715	STK11	0.00801077	0.71553130677569	0.0838840447910916
cg10783797	7	150930536	CHPF2;CHPF2	0.0368857	0.702817402040935	0.0839041611329158
cg12553947	5	114486604	TRIM36;TRIM36;TRIM36	-0.0238952	-0.043879725477827	0.0839041611329158
cg07124148	8	103876083	AZIN1-AS1;AZIN1-AS1;AZIN1;AZIN1;AZIN1;AZIN1;AZIN1	0.0120733	0.903234594465224	0.0839041611329158
cg08495027	22	31364830	MORC2;TUG1	0.0115402	0.313021105191562	0.0839041611329158
cg11902278	10	29976135	SVIL	-0.0511763	-0.0891753033892618	0.0839903740877992
cg14913644	19	11530065	RGL3;RGL3	0.0133908	0.431208047176713	0.0839903740877992
cg07851057	5	70751686	BDP1;BDP1	0.0342026	0.847180108786429	0.0839903740877992
cg17004038	12	109532235	ALKBH2;ALKBH2;ALKBH2;ALKBH2	-0.0317473	-0.0526482920982228	0.0839903740877992

cg18585246	8	1041929		-0.0250456	-0.039203691725455	0.0839903740877992
cg07483245	15	23034598	NIPA2;NIPA2;NIPA2;NIPA2	0.0232644	0.538852204177276	0.0839903740877992
cg02908709	3	111578238	PHLDB2;PHLDB2;PHLDB2;PHLDB2;PHLDB2;PHLDB2	0.0103663	0.723113188958304	0.0839903740877992
cg11487977	19	9879695	ZNF846	0.00689817	0.453544684595543	0.0839903740877992
cg02386983	2	86669112	KDM3A;KDM3A	0.0159127	0.646635534409444	0.0839903740877992
cg12118798	7	155170624		0.0147269	0.40561711789387	0.0839903740877992
cg26095266	2	10262787	RRM2;RRM2	0.0196987	0.61583360012115	0.0839903740877992
cg16195284	14	24112375	DHRS2;DHRS2;DHRS2;DHRS2	-0.0468715	-0.0958575475711064	0.0839903740877992
cg04265971	4	2470698	RNF4	0.0265606	1.37616161531596	0.0839903740877992
cg03438090	2	239143093		0.0178874	0.710600350307186	0.0839903740877992
cg27245656	18	48572727	SMAD4	-0.0702727	-0.130668036315451	0.0839903740877992
cg05267587	17	29233478	C17orf42	0.00568593	0.475340737252469	0.0839903740877992
cg13190306	11	18415923	LDHA;LDHA;LDHA;LDHA;LDHA	0.00948639	0.483846839892065	0.0839903740877992
cg14986651	2	73430289	NOTO	0.0126717	0.490746204372189	0.0839903740877992
cg21778743	2	24397871	FAM228A	0.0968341	0.678542131224148	0.0839903740877992
cg17742155	9	117350088	ATP6V1G1;ATP6V1G1	0.00672984	0.511269410818003	0.0839903740877992
cg06485000	17	78881721	RPTOR;RPTOR	0.0101815	0.0153908617372161	0.0839903740877992
cg06349981	2	10443745	HPCAL1;HPCAL1	0.046019	0.911222740029476	0.0839903740877992
cg25869267	1	164319588		-0.0665066	-0.120147617988513	0.0839903740877992
cg21498653	3	55521852	WNT5A	0.00663123	0.516488949783199	0.0839903740877992
cg17886847	14	23045367	DAD1	-0.0208915	-0.0319914122992349	0.0839903740877992
cg26662703	1	196856446	CFHR4;CFHR4;CFHR4	-0.0452774	-0.0861309348619261	0.0839903740877992
cg13017229	16	58663923	CNOT1;CNOT1;CNOT1;CNOT1	0.0151568	0.782608446579742	0.0839903740877992
cg07102474	17	61499248	TANC2	0.0114883	0.0171709829549236	0.0839903740877992
cg19831351	5	153589239	GALNT10	-0.0383838	-0.0623864000084203	0.0839903740877992
cg00834319	14	64970752	ZBTB25;ZBTB1;ZBTB1	0.0163815	0.752915360429391	0.0839903740877992
cg07172280	9	140009455	DPP7	0.00571618	0.482903636609586	0.0839903740877992
cg07904175	19	16911472	NWD1;NWD1	-0.0278351	-0.0428866057300234	0.0839903740877992
cg26791384	16	77246057	SYCE1L	0.0259896	0.789634819227007	0.0839903740877992
cg19526740	19	58142253		-0.0434507	-0.095755126194666	0.0839903740877992
cg23256829	10	134229731	PWWP2B;PWWP2B	-0.0148224	-0.0222893593430425	0.0839903740877992
cg03509671	3	101497876	FAM55C;FAM55C	0.034198	1.29127137731632	0.0839903740877992
cg13353015	1	34547254	CSMD2	-0.0365372	-0.0644073235751115	0.0839903740877992
cg17760982	11	13740479	FAR1	-0.0696517	-0.129205218891225	0.0839903740877992
cg06753949	19	15334309		0.042828	0.958751521890454	0.0839903740877992
cg02039732	3	73039895		-0.0446432	-0.073495766430748	0.0839903740877992
cg22751438	9	115333218	KIAA1958;KIAA1958;KIAA1958	-0.0757002	-0.163734432811055	0.0839903740877992
cg18809729	11	1302981	TOLLIP	0.00334702	0.004885061618778	0.0839903740877992
cg18490813	6	7625602		-0.0592932	-0.106090410093516	0.0839903740877992
cg00523590	1	213123698	VASH2;VASH2;VASH2;VASH2	0.0148448	0.594855082668019	0.0839903740877992
cg10865444	21	43136563	C21orf129;NCRNA00112	0.00628661	0.00981437682035521	0.0839903740877992
cg04823492	10	97471301	ENTPD1	-0.0755024	-0.146208654826359	0.0839903740877992
cg08207994	7	157129685	DNAJB6;DNAJB6	0.037893	0.98024329818952	0.0839903740877992
cg19268708	1	2837518		-0.0392097	-0.0686726956917393	0.0839903740877992
cg11576513	6	114663692		0.0370017	1.40462291864273	0.0839903740877992
cg05065765	3	38206519	OXSRL1	0.0158687	0.632186132198928	0.0839903740877992
cg23697417	20	982991	RSPO4;RSPO4	0.0204068	0.927642150846237	0.0839903740877992
cg02717503	7	157213736		0.0571536	0.0945352499908809	0.0839903740877992
cg20127188	22	21996426	SDF2L1	0.0228381	0.982622428966665	0.0839903740877992
cg15233711	11	13299315	ARNTL;ARNTL;ARNTL	0.0133494	0.415788115648002	0.0839903740877992
cg15935527	18	74843715	MBP;MBP	0.00976965	0.455120149237877	0.0839903740877992
cg04737820	4	2010918	NELFA;NELFA	0.0308793	0.597771466730294	0.0839903740877992
cg07086074	19	58049756	ZNF549;ZNF549	-0.032112	-0.049280223014192	0.0839903740877992
cg10621559	9	131038338	SWI5;GOLGA2	0.0236805	1.02869384551871	0.0839903740877992
cg21010566	7	105925537	NAMPT;NAMPT	0.00551169	0.37953562977184	0.0839903740877992
cg24294159	1	150947566	LASS2;LASS2	0.0457155	1.22615668864335	0.0839903740877992
cg13250541	2	27435095	SLC5A6;SLC5A6;ATRAID;ATRAID;ATRAID;SLC5A6	0.0216713	1.01259565184609	0.0839903740877992
cg00713252	1	9188947	GPR157	0.0112546	0.437140051800659	0.0839903740877992
cg24823920	20	9287042	PLCB4;PLCB4;PLCB4	-0.0356224	-0.0580700564045792	0.0839903740877992
cg14283194	7	91763737	CYP51A1;CYP51A1;CYP51A1	0.0245913	1.03433035865741	0.0840028948184367
cg02563827	1	8003721	TNFRSF9	-0.0529311	-0.0852224923711474	0.0841102063847659
cg08249556	21	30365104	RNF160	0.0142259	0.498383919646073	0.0841102063847659
cg13047843	7	101386679		0.0168501	0.95900118786769	0.0841102063847659
cg19118037	17	6332115	AIPL1;AIPL1;AIPL1;AIPL1;AIPL1;AIPL1;AIPL1	-0.0542965	-0.108208603922138	0.0841102063847659
cg16396954	14	72398856	RG56	0.0424897	0.501860250397312	0.0841102063847659
cg12492289	21	47269180	PCBP3;PCBP3	-0.0830225	-0.177524976637053	0.0841102063847659
cg06243263	6	84981475		-0.0302175	-0.0482976512833736	0.0841102063847659
cg24260662	2	133281441	GPR39	-0.0498689	-0.0927652338189243	0.084133541414546
cg01807303	11	73495319		-0.080926	-0.23833358130163	0.084133541414546
cg06717492	7	65447339	GUSB	0.0283527	0.716080594546715	0.084133541414546
cg18556005	15	41952440	MGA;MGA	0.00800368	0.345430549992357	0.0842323360157694
cg00580022	22	17639482	CECR4;CECR5;CECR5;CECR4	0.0344722	0.957881079013016	0.0842323360157694
cg22169206	19	56136215	ZNF784	0.00573005	0.296697693694097	0.0842323360157694
cg10432104	9	137967290	OLFM1;OLFM1;OLFM1;OLFM1	0.0169003	0.507596041012502	0.0843818716779792
cg14459319	4	144206376		-0.0735792	-0.153692321030872	0.0843818716779792
cg19926630	4	1401854		0.0069985	0.334083020605987	0.0843818716779792
cg21173351	5	4135244		-0.0922159	-0.156380534020476	0.0843818716779792
cg18127410	11	9113184	SCUBE2;SCUBE2	0.0547202	0.798977769319846	0.0843818716779792
cg03947261	12	64515314	SRGAP1	-0.0559914	-0.0995744963925408	0.0843818716779792
cg14230859	2	157291402	GPD2;GPD2	-0.0638872	-0.114038715159106	0.0843818716779792
cg16997101	1	21864590	ALPL;ALPL;ALPL	-0.0631718	-0.123273504867793	0.0844064739243959
cg11520985	6	7313314	SSR1	0.0184634	0.827375292067798	0.0844064739243959

cg11998173	5	107007752	EFNA5	0.00686885	0.400671541518439	0.0847356131376682
cg00300090	3	4345167	SETMAR;SETMAR	0.044758	0.711077413594933	0.0847356131376682
cg10577070	17	17942837	GID4;ATPAF2	0.0209063	0.646127103670753	0.0847356131376682
cg05277991	3	69788295	MITF	-0.00432936	-0.242128685234001	0.0847356131376682
cg09962379	8	37928432		-0.0263059	-0.0428306920647438	0.0847356131376682
cg02339888	1	67862336	IL12RB2	-0.0579882	-0.137666014787818	0.0847356131376682
cg08340583	4	178302630		-0.0326929	-0.0515710411527625	0.0847356131376682
cg06658816	1	9242956		0.0146881	0.591824712047512	0.0847356131376682
cg07279281	3	46735319	ALS2CL	0.00851242	0.520694683325202	0.0847356131376682
cg18987683	3	160283058	KPNA4	0.0130201	1.04715822353622	0.0847356131376682
cg00750934	14	74263737	LOC100506476	0.00939825	0.0141692116458203	0.0847356131376682
cg05587736	16	56780751	NUP93	-0.0214897	-0.0328875960781537	0.0847356131376682
cg02815785	14	37063429		-0.0161102	-0.0246229964552876	0.0847356131376682
cg19271031	3	187722915		0.00878585	0.0129725452877342	0.0847356131376682
cg02978503	7	48144090	UPP1;UPP1;UPP1;UPP1;UPP1;UPP1	-0.0134704	-0.0206483514749948	0.0847356131376682
cg26365938	1	24645953	GRHL3;GRHL3	0.00874729	0.338287482589174	0.0847356131376682
cg24351167	6	12749567	PHACTR1	0.0222847	0.681171391954102	0.0847356131376682
cg16031872	3	142297641	ATR;ATR	0.00679491	0.437141123323782	0.0847356131376682
cg24109980	10	50818707	SLC18A3;SLC18A3;CHAT	0.0402809	0.781615798803201	0.0847356131376682
cg08420415	22	38477802	SLC16A8	0.0258848	0.47703187354563	0.0847356131376682
cg01505700	17	4853232	ENO3;ENO3;PFN1	0.00880318	0.569372087237164	0.0847356131376682
cg12426293	18	8612540	RAB12	0.0120186	0.0181199471451331	0.0847356131376682
cg21707136	11	2421773	TSSC4;TSSC4;TSSC4;TSSC4;TSSC4;TSSC4;TSSC4;TSSC4	0.0325146	1.16359844791259	0.0847356131376682
cg19188060	3	184017239	PSMD2	0.0218841	0.522587035980064	0.0847356131376682
cg08595804	13	112712424		0.0224692	0.58670196927976	0.0847356131376682
cg25112966	3	72792066		-0.067358	-0.118991794863527	0.0847356131376682
cg18735356	1	112298505	DDX20;DDX20;LOC101928718;FAM212B	0.0154145	0.5701027167503377	0.0847356131376682
cg16246698	12	133263907	PXMP2;POLE;POLE	0.0197624	0.672184523610034	0.0847356131376682
cg20037470	17	30185765	C1orf79	0.0133569	0.249864629156349	0.0847356131376682
cg08304120	11	65381096	MAP3K11	0.0153468	0.819629966305313	0.0847356131376682
cg27591595	17	57732823	CLTC;CLTC	-0.0740377	-0.1591174361721	0.0847356131376682
cg11656992	17	79818741	P4HB	0.0232591	0.759685030434842	0.0847356131376682
cg01031146	3	184081222	POLR2H;POLR2H	0.00373198	0.369798064437289	0.0847356131376682
cg02854791	7	157776477	PTPRN2;PTPRN2;PTPRN2;PTPRN2;PTPRN2	0.0179471	0.030230230306956	0.0847356131376682
cg21068576	19	57875295	TRAPPC2P1;ZNF547	0.0344636	0.356714114053026	0.0847356131376682
cg23610453	10	79470966		0.0348559	0.482699371468834	0.0847356131376682
cg16149238	2	23608001	KLHL29	0.014991	0.58226696639567	0.0847356131376682
cg20307885	7	27130090		-0.0467287	-0.33753103990088	0.0847356131376682
cg18330340	2	24307512	TP53I3;TP53I3;TP53I3;TP53I3;FAM228B;FAM228B	0.0123467	0.661945959899942	0.0847356131376682
cg02083546	12	118477739	WSB2	-0.0251245	-0.0394787667458502	0.0847356131376682
cg01840281	5	75977657	IQGAP2;IQGAP2;IQGAP2;IQGAP2	-0.0543155	-0.103480835306149	0.0847356131376682
cg04084600	2	235016302		-0.0887487	-0.196803131752561	0.0847356131376682
cg06196453	2	109335786	RANBP2	0.0240839	0.709728411509363	0.0847356131376682
cg20349687	2	88927127	EIF2AK3	0.0084648	0.552399187339018	0.0847356131376682
cg26946821	17	35292390		0.00885395	0.5591401171567075	0.0847356131376682
cg12998265	3	156392708	TIPARP-AS1;TIPARP;TIPARP	0.0286218	0.524239602069331	0.0847356131376682
cg11204311	1	235293522	TOMM20	-0.0560364	-0.126793387475278	0.0847356131376682
cg02057463	21	42789922		-0.0634933	-0.125723716317831	0.0847356131376682
cg11631334	3	196730272	MF12	0.0297694	0.496061107187885	0.0847356131376682
cg22209616	15	68569728	FEM1B	0.008903	0.441413212058786	0.0847356131376682
cg12250496	4	62066787		0.0176925	0.57203090940559	0.0847356131376682
cg06638463	19	10530633	PDE4A	0.0339881	0.694266043456175	0.0848574265845052
cg01085347	1	119870666		0.0233212	0.6139453748129	0.084901181557511
cg13865656	10	92757657		-0.0555869	-0.0932009820079002	0.084901181557511
cg06779945	6	138188320	TNFAIP3	0.00596483	0.528806216089364	0.084901181557511
cg11028747	7	102104916	LRWD1;ALKBH4	0.00497174	0.379015860040477	0.084901181557511
cg14277044	17	1890733	RTN4RL1	-0.00352069	-0.00511751657589812	0.084901181557511
cg17871537	5	118788128	HSD17B4	0.00736392	0.527172274975102	0.084901181557511
cg15554087	1	8404216	SLC45A1	0.0235455	0.037036545411719	0.084901181557511
cg18975376	10	28967265	BAMBI	0.0120516	0.328098127097969	0.084901181557511
cg25047469	15	90198526	KIF7	0.0428549	0.55929695804996	0.084901181557511
cg04142690	10	7830753	KIN;KIN;ATP5C1;ATP5C1	0.00413924	0.33433270111904	0.084901181557511
cg06567042	3	197535273	LRCH3	-0.0513621	-0.0885044591046284	0.084901181557511
cg24270182	8	9046418		-0.00522964	-0.00769499629810237	0.0849255715218498
cg10196372	16	4322417	TFAP4	0.0174328	0.712046735233784	0.0849255715218498
cg21877498	5	139944509	APBB3;APBB3;SLC35A4;APBB3;APBB3	0.00996217	0.577753288251197	0.0849255715218498
cg13223329	11	133274220	OPCML	-0.0533656	-0.0835676551978196	0.0849255715218498
cg02938651	6	855390		-0.00353251	-0.005027026429404765	0.0849255715218498
cg17537252	3	56836203	ARHGEF3;ARHGEF3	0.0136309	0.466916076683746	0.0849255715218498
cg25108914	11	58826264	LOC283194	0.0389105	0.287975999586716	0.0849255715218498
cg27430726	7	30721990	CRHR2;CRHR2;CRHR2;CRHR2;CRHR2;CRHR2;CRHR2	0.011311	0.521767649408167	0.0849255715218498
cg22300980	11	57330100	UBE2L6;UBE2L6	-0.0349869	-0.0545198225423526	0.0849255715218498
cg02523938	16	34409092		-0.0488614	-0.128653064282963	0.0849255715218498
cg13307690	2	25620049	DTNB;DTNB;DTNB;DTNB;DTNB;DTNB;DTNB	-0.0340807	-0.054730263299998	0.0849255715218498
cg26005766	6	125475650	TPD52L1;TPD52L1;TPD52L1;TPD52L1;TPD52L1	0.0121424	0.755261674622638	0.0849255715218498
cg11386686	1	203274497	BTG2	0.0297698	1.05512549903966	0.0849255715218498
cg09886619	8	38253313	LETM2;LETM2;LETM2;LETM2;LETM2	-0.061259	-0.104923449000059	0.0849255715218498
cg09789536	1	896226	KLHL17	0.0541413	0.22717425119714	0.0849255715218498
cg07964213	3	138014757	ARMC8;TXNDC6	-0.0224892	-0.0343656914261421	0.0849255715218498
cg25781121	3	48282641	ZNF589;ZNF589	0.015561	1.06991561905821	0.0849255715218498
cg20245503	12	58026705	B4GALNT1;B4GALNT1	0.00603154	0.449689229447217	0.0849255715218498
cg12947510	9	119449380	ASTN2;TRIM32;ASTN2;ASTN2;ASTN2;ASTN2;TRIM32	0.00763217	0.324485527368699	0.0849255715218498

cg25208919	5	124704131		-0.0368841	-0.0609105098650921	0.0849255715218498
cg040463109	1	110722603	SLC6A17	-0.0575138	-0.102437236494354	0.0849255715218498
cg18208654	17	41174520	VAT1	0.00789929	0.441885381445395	0.0849255715218498
cg10441013	1	160039990	KCNJ10	0.0145335	0.486621023601117	0.0849255715218498
cg25876975	15	77363192	TSPAN3;TSPAN3;TSPAN3	0.0571776	0.213949976422538	0.0849255715218498
cg19656070	17	3571978	TMEM93;TAX1BP3;TMEM93	0.0217728	0.676160169864188	0.0849255715218498
cg01526745	17	32448038	ASIC2	-0.0627376	-0.110739687924328	0.0849255715218498
cg23048358	17	9940652	GAS7;GAS7	-0.00611654	-0.00897088920547826	0.0849255715218498
cg09630385	10	88506688		-0.0379275	-0.0625005200942491	0.0849255715218498
cg16507755	21	36164414	RUNX1;RUNX1	-0.019841	-0.0308505724982541	0.0849656803197816
cg15644003	11	63438952	ATL3;ATL3	0.0122008	0.51202650694677	0.0849656803197816
cg13645565	16	66959579	RRAD;RRAD	0.0450487	0.716126643870319	0.0849970960961894
cg03067068	16	19279774	C16orf88;IQCK	0.0159206	0.505992677198746	0.0849970960961894
cg22480244	1	220445929	RAB3GAP2	0.00720055	0.49004323421868	0.0849970960961894
cg13932954	1	25255805	RUNX3;RUNX3	0.0227532	0.775045108269114	0.0850317240491275
cg13946335	3	20383419	LOC101927829	-0.0304023	-0.0474578600020399	0.0850317240491275
cg24407859	22	43411083		0.0267052	0.652280788147366	0.0850317240491275
cg12761536	22	38245354	EIF3L;EIF3L	0.00513018	0.446372415315109	0.0850569729187668
cg10477989	11	66039601	C11orf24	0.0476399	0.621254780927399	0.0850877653672594
cg05787952	16	734667	JMJD8	0.0367921	0.562178927770991	0.0850877653672594
cg12320972	18	19192160	SNRPD1;SNRPD1	0.0110868	0.47136859062651	0.085130804986105
cg18436128	14	65439236	RAB15	0.0104338	0.6030620810418	0.085130804986105
cg023030195	10	73342047	CDH23;CDH23;CDH23;CDH23	-0.0530588	-0.117521154603781	0.085130804986105
cg14510105	16	18812794	ARL6IP1;ARL6IP1	0.0105248	0.611411543760673	0.085130804986105
cg13628367	7	48429659	ABCA13	-0.0561567	-0.598594925518236	0.085130804986105
cg19270118	1	154553118		-0.0398914	-0.0638498094506196	0.085130804986105
cg13701855	19	52532420	ZNF614	-0.0414902	-0.178433484793812	0.085130804986105
cg19135690	11	86620552		-0.0198457	-0.0304665542542186	0.085130804986105
cg27200833	15	74421909	ISLR2;LOC283731;ISLR2;ISLR2;ISLR2	0.0188493	0.701394603634314	0.085130804986105
cg23433430	4	41362520	LIMCH1;LIMCH1;LIMCH1;LIMCH1	0.00656069	0.563411287425692	0.085130804986105
cg05391643	1	27214630	GPN2	-0.06376	-0.119308349193221	0.085130804986105
cg04347624	3	101498377	FAM55C;FAM55C;FAM55C	0.0380975	0.942307785515412	0.085130804986105
cg21206054	10	51827272	FAM21A;FAM21A;FAM21EP	-0.0433977	-0.541449718827203	0.085130804986105
cg27199414	22	40901737	MKL1;MKL1;MKL1	-0.0706681	-0.186211329441971	0.085130804986105
cg18685243	12	58015069	SLC26A10	0.021916	0.954528100290109	0.085130804986105
cg02059882	11	70049130	FADD	0.0112942	0.540162536419463	0.085130804986105
cg12668711	17	48624393	SPATA20;SPATA20;SPATA20	0.01293	0.749019792807006	0.085130804986105
cg12025821	8	145133465	EXOSC4	0.0218552	0.57225280323658	0.085130804986105
cg18467502	16	57144407	CPNE2	-0.0479318	-0.0872025370005481	0.085130804986105
cg04496233	11	64863659	C11orf2	0.0117914	0.43187085076404	0.085130804986105
cg06671069	10	91174283	IFIT5	0.0197773	0.630349250429534	0.0851709366001437
cg18609779	4	37455499	C4orf19	0.0375313	0.685666450236602	0.085190293948191
cg19190632	10	97022649	PDLIM1	-0.0708312	-0.146639488070325	0.085190293948191
cg03865041	16	71842666	AP1G1;AP1G1;AP1G1;AP1G1	0.0605445	0.654869194792888	0.085190293948191
cg03600868	2	54826020	SPTBN1;SPTBN1	-0.0717462	-0.13781776203358	0.085190293948191
cg09174009	1	27216796	GPN2;GPN2	0.00437665	0.631283506725758	0.085190293948191
cg14849727	4	56719908	EXOC1;EXOC1;EXOC1;EXOC1;EXOC1	0.0159345	0.800293500524267	0.0852126565551805
cg00076353	20	442752	TBC1D20	0.0182954	0.62266737711325	0.0852126565551805
cg12996305	17	2295923	MNT	0.0405428	0.658840157486968	0.0852126565551805
cg14408412	7	111776496	DOCK4	0.00649472	0.00958055085890182	0.0852126565551805
cg13199784	9	136283271	REXO4;REXO4;REXO4;REXO4;REXO4;REXO4;ADAMTS13	0.0195613	0.66130462879414	0.0852367956617704
cg06058618	1	155057452	EFNA3	0.0172349	0.47535742126852	0.0852718775188369
cg05751059	17	79848657	ALYREF;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11	0.0367175	1.60816369011996	0.0853069333427688
cg06067302	22	40766481	SGSM3	0.0100293	0.84675374122985	0.085323384220766
cg02520077	1	156163116	SLC25A44;SLC25A44;SLC25A44;SLC25A44;SLC25A44	-0.0327732	-0.0589756200327238	0.085323384220766
cg22395811	4	164945455	MARCH1	-0.0491493	-0.0920634056012912	0.0853534947117769
cg09149379	9	131038181	SWI5;GOLGA2	0.0479517	1.80421152156068	0.0853534947117769
cg19377812	7	130353647	TSGA13;TSGA13;COPG2;COPG2	0.0498273	0.51444703287057	0.08536060172747
cg18985971	1	45265788	PLK3	0.0135785	0.457452794963261	0.08536060172747
cg27343747	9	130548282	CDK9;MIR2861	0.0419201	0.355764107411106	0.08536060172747
cg07189338	6	41040461	NFYA;NFYA;OARD1	0.0331173	1.03920367265374	0.08536060172747
cg16294310	22	50629110	TRABD	0.0245054	0.664637333454024	0.08536060172747
cg26174797	2	27363557	C2orf53	-0.072699	-0.159247679920262	0.08536060172747
cg12383580	17	48167096	ITGA3;ITGA3	-0.0220512	-0.0350619471097303	0.08536060172747
cg01636413	13	25321336		0.0176837	0.434503461494158	0.08536060172747
cg27265499	16	85699474	KIAA0182;KIAA0182	0.00757639	0.0111880453021659	0.08536060172747
cg04117076	5	88991074		-0.102811	-0.245734681389713	0.08536060172747
cg08066986	17	17942403	ATPAF2;ATPAF2;C17orf39	0.0107885	0.464652199985333	0.0853859782826372
cg14231674	9	35657560	CCDC107	0.0337256	0.246490719677977	0.0853859782826372
cg04450857	10	119296756	EMX2OS	0.0170111	0.458566180077479	0.0853859782826372
cg01265653	11	96190436		-0.0931282	-0.175258644964937	0.0853859782826372
cg05430257	12	12218620		-0.0449105	-0.0995847245426283	0.0853859782826372
cg25846336	15	60293554		-0.054481	-0.28656878617789	0.0853859782826372
cg21415305	3	9851855	TLL3	0.0374695	0.613069963139213	0.0853859782826372
cg23318713	10	75670697	PLAU;C10orf55;PLAU	0.0138882	0.65829746128766	0.0853859782826372
cg03497182	2	76998734	LRRTM4;LRRTM4	-0.0360549	-0.0594458022508987	0.0853859782826372
cg11962201	20	33680799	TRPC4AP;TRPC4AP	0.0199037	0.578462414050975	0.0853859782826372
cg01043997	6	30689219	TUBB	0.0400131	0.410492491654461	0.0853859782826372
cg00299070	1	237946534	RYR2	-0.0337146	-0.0521843925907607	0.0853920702246093
cg18320648	2	152266336	RIF1	0.0520092	0.38142561602339	0.0854298564611327
cg17840051	19	12150028		-0.107915	-0.212232607623093	0.0854298564611327
cg20037575	15	96886839		0.0373574	0.36961371610807	0.0854298564611327

cg10247061	13	53065411	LOC220115	-0.0716379	-0.174060916310077	0.0854298564611327
cg15967188	4	2470700	RNF4	0.0226155	1.2420523299089	0.0854298564611327
cg00223135	15	43799245	TP53BP1	-0.0304165	-0.0525155543049668	0.0854298564611327
cg04891921	3	134514173	EPHB1	0.0201048	0.466244539751808	0.0854298564611327
cg12042864	7	99066260		-0.0453119	-0.0746857981595283	0.0854298564611327
cg01998755	7	99698536	MCM7;AP4M1;MCM7;MCM7	0.0296746	0.951901681845784	0.0854298564611327
cg10719673	19	40933298	SERTAD1	-0.0640193	-0.111877677422505	0.08544585709005
cg01218180	6	168079427		0.0270118	0.620586081511525	0.08544585709005
cg19788417	20	30027638	DEFB123	-0.093645	-0.209844530037269	0.0854591640587902
cg17015033	8	37620039	PROSC	0.0108422	0.65398446801714	0.0854591640587902
cg23192120	11	45921134	MAPK8IP1	0.0321883	0.611812248216262	0.0854598537623731
cg19864539	22	25747688	LRP5L;LRP5L	0.00237323	0.00346620129428112	0.0855190481114364
cg04576568	2	220377822	ACCN4;ACCN4	0.0122578	0.463260710219146	0.0855192750488044
cg18391694	1	43250900		0.0275801	0.41333319358724	0.0855192750488044
cg06915098	2	220384302	ASIC4	-0.0588583	-0.111495528050491	0.0855192750488044
cg07141215	16	4308070	TFAP4	-0.0457699	-0.0741629142802773	0.0855192750488044
cg09348431	8	144898112	SCRIB;SCRIB	0.0302988	0.744519773421304	0.0855192750488044
cg21543987	7	1272486	UNCX	0.0343296	1.34338411397281	0.0855192750488044
cg15157403	1	234880737		-0.0680902	-0.173202116574668	0.0855192750488044
cg09440905	17	20094629	SPECC1;SPECC1;SPECC1;SPECC1;SPECC1;SPECC1	-0.0581646	-0.117435999331006	0.0855192750488044
cg16506959	4	83404135		-0.0487162	-0.0832627802324026	0.0855192750488044
cg14158601	17	8055831	PER1	0.016016	0.553042779958306	0.0855192750488044
cg15555727	8	144692268	PYCR1	0.00622087	0.518986246868206	0.0855192750488044
cg09324514	16	58498710	NDRG4;NDRG4;NDRG4	0.0319918	0.434305177532388	0.0855192750488044
cg00479770	11	111289721	LOC100132078	-0.0342881	-0.0540541456025405	0.0855192750488044
cg23130076	12	70759920	KCNMB4	0.00499475	0.434372277575667	0.0855192750488044
cg16015488	9	35707914	TLN1	-0.032132	-0.0501843887392895	0.0855192750488044
cg22395573	17	79830134	ARHGDI1	0.00676045	0.405206527804799	0.0855192750488044
cg06551828	2	242141868	ANO7	0.00718933	0.0109548898389657	0.0855192750488044
cg25791620	17	1472984		-0.0125148	-0.0194420071504617	0.0855192750488044
cg20467418	4	3297777		-0.0153421	-0.0231737934240408	0.0855192750488044
cg21687827	9	130890548	PTGES2;PTGES2-AS1;PTGES2;PTGES2;PTGES2;PTGES2	0.0745665	1.60600038492757	0.0855192750488044
cg25952423	2	48542335	FOXN2	0.0139118	0.409520984666328	0.0855192750488044
cg26224725	7	74489898	WSCR16	0.0118688	0.629008045240634	0.0855192750488044
cg15504469	1	44457406	CCDC24;CCDC24	0.0128146	0.4686692139732084	0.0855192750488044
cg07179556	14	100663534		-0.0396505	-0.0667912628106074	0.0855192750488044
cg11928198	1	151137319	SCNM1;LYSMD1;LYSMD1	-0.0492924	-0.0908732499196398	0.0855192750488044
cg20349598	7	1962389	MAD1L1;MAD1L1;MAD1L1	-0.0307137	-0.0533166561340115	0.0855192750488044
cg17910679	17	79981754	STRA13;LRRRC45	0.0226366	0.469292115663466	0.0855192750488044
cg03146981	16	70719277	MTSS1L	0.0302025	0.696700389610499	0.0855192750488044
cg23242862	8	65491152	LOC401463	0.0119118	0.501568038122363	0.0855192750488044
cg00009834	1	1347671		-0.0316497	-0.0524563488502964	0.0855192750488044
cg17278864	17	12877321	RICH2	0.0113967	0.31000285469814	0.0855192750488044
cg04041707	5	43018491	LOC648987;LOC648987;LOC648987;LOC648987;LOC648987	0.00568084	0.719512167286785	0.0855192750488044
cg16845708	1	22379018	CDC42;CDC42;CDC42	0.0182024	0.810428893829624	0.0855192750488044
cg17543177	12	29525010	ERGIC2	-0.0319475	-0.0596369299857999	0.0855192750488044
cg07247810	1	220684758		-0.0182733	-0.02885321412045	0.0855192750488044
cg05224707	5	171881549	SH3PXD2B	0.0291701	0.4454270435903	0.0855192750488044
cg14226678	19	2841332	ZNF555	0.00812312	0.476357307689929	0.0855192750488044
cg01273393	1	159996368		-0.0389963	-0.0618435680895882	0.0855192750488044
cg27575052	16	29855904	MVP;MVP	0.00769272	0.0114417220173007	0.0855192750488044
cg15182583	1	114355080	RSBN1;AP4B1-AS1;RSBN1;RSBN1	0.0160256	1.0448225012379	0.0855192750488044
cg11193322	2	129347608		0.011122	0.0172727297438109	0.0855192750488044
cg01140579	3	48541502	SHISA5	0.0432258	0.488739296379796	0.0855192750488044
cg12456794	3	148523344		-0.0392429	-0.0646579196171596	0.0855192750488044
cg25984973	20	62289569	RTEL1;RTEL1	0.0380397	0.853611753756357	0.0855192750488044
cg14616251	1	24648696	GRHL3;GRHL3;GRHL3	0.0127311	0.457672304148803	0.0855192750488044
cg03503802	22	46933237	CELSR1	0.015688	0.674083441487746	0.0855192750488044
cg07981845	10	104154074	NFKB2;NFKB2;NFKB2	0.00535293	0.309422911704373	0.0855192750488044
cg15404157	7	140933		-0.0483626	-0.0873389984475167	0.0855192750488044
cg15831663	4	131729521		-0.0599234	-0.104806991322195	0.0855192750488044
cg06596689	7	139875956	LOC100134229;JHDM1D	0.01475	0.605074300473111	0.0855192750488044
cg05693527	3	71114114	FOXP1;FOXP1;FOXP1;FOXP1;FOXP1;FOXP1;FOXP1	0.0546768	0.388607767116064	0.0855192750488044
cg26079854	16	52607602	CASC16	-0.063529	-0.122195669474684	0.0855192750488044
cg04167819	14	73395839	DCAF4;DCAF4;DCAF4;DCAF4;DCAF4	-0.0293787	-0.0495002914473858	0.0855192750488044
cg03670816	5	53606426	15,00 ARL	0.035588	0.28623013465392	0.0855192750488044
cg08398554	9	71736409	TJP2	0.0150926	0.914310607426757	0.0855192750488044
cg13716074	7	65215894	CCT6P1	0.0115624	0.319346063859078	0.0855192750488044
cg12073865	6	90121279	RRAGD	0.0257461	0.669659118125108	0.0855192750488044
cg27598114	13	45914733	TPT1;TPT1;TPT1-AS1;TPT1	0.0178793	0.511770998055929	0.0855192750488044
cg09749205	2	198311980		-0.0533128	-0.090690717756403	0.0855192750488044
cg00475427	9	140019538		-0.0469496	-0.0909821335987334	0.0855192750488044
cg07364676	22	29137974	CHEK2;HSCB;CHEK2;CHEK2	0.040764	0.794176880786662	0.0855192750488044
cg26237050	14	58754200	PSMA3-AS1;PSMA3-AS1	-0.0683433	-0.17371520762627	0.0855192750488044
cg14428767	6	149867359	PPIL4	0.0206455	0.850781774514552	0.0855192750488044
cg08363518	19	42905128		-0.0571848	-0.106650766239935	0.0855192750488044
cg18353563	3	127390935	ABTB1;PODXL2;ABTB1;ABTB1	0.0144945	0.484521650063692	0.0855192750488044
cg23867624	6	1610197	FOXC1	0.00572037	0.392293592233346	0.0855192750488044
cg14239515	19	38885242	SPRED3	0.0392934	0.881631436717681	0.0855192750488044
cg20474201	10	88228042	WAPAL	-0.0837158	-0.146731180144507	0.0855192750488044
cg02879471	6	111135854	CDK19	0.00942727	0.522299091239575	0.0855192750488044
cg23035058	10	133982861	JAKMIP3	-0.0302265	-0.0473891289343606	0.0855192750488044

cg00647258	22	19435555	C2orf39;C2orf39;C2orf39;C2orf39	0.00409343	0.432619437413634	0.0855192750488044
cg08809260	2	177054140	HOXD1	0.0632161	1.04037059804988	0.0855192750488044
cg13056495	7	134143249	AKR1B1	0.00521954	0.399986100448287	0.0855192750488044
cg05956749	9	34664179	CCL27	0.0109795	0.0164589184262911	0.0855192750488044
cg14250846	14	97061527		-0.0148907	-0.0230782273137014	0.0855192750488044
cg22711111	6	30139979	TRIM15	0.00912265	0.33185124965481	0.0855192750488044
cg04112019	11	2165136	IGF2AS;INS-IGF2;IGF2;IGF2AS	0.0051616	0.310460760901732	0.0855192750488044
cg14041283	9	17906338		0.0288142	0.705037109540893	0.0855192750488044
cg19641554	16	20912025	LYRM1;LYRM1;DCUN1D3;LYRM1;LYRM1;LYRM1;LYRM1;LYRM1;LYRM1;LYRM1	0.00331889	0.47722056613384	0.0855192750488044
cg21328954	10	14880024	HSPA14;HSPA14;HSPA14;CDNF	0.0314166	1.07537601242545	0.0855192750488044
cg11381843	3	142681401	PAQR9	-0.00871661	-0.0129551859292501	0.0855192750488044
cg16658737	19	37064572	ZNF529;ZNF529;ZNF529	0.0335886	0.478510735700769	0.0855192750488044
cg09949152	12	118573731	PEBP1	0.0185475	0.913599239852041	0.0855192750488044
cg05137358	13	37006127	CCNA1;CCNA1;CCNA1;CCNA1;CCNA1;CCNA1	0.00828286	0.446476773243308	0.0855192750488044
cg25476221	12	111807046	FAM109A	0.0111021	0.382689122576026	0.0855192750488044
cg17663101	3	49131524	QRICH1;QRICH1	0.0359396	0.940158636946368	0.0855192750488044
cg13462004	19	7005350	FLJ25758	-0.036566	-0.0629791167814796	0.0855192750488044
cg13129662	17	48227708	PPP1R9B	0.0390236	0.939818379583971	0.0855192750488044
cg13904199	9	86594091	HNRNPK;HNRNPK;HNRNPK	0.0074633	0.383295010469337	0.0855192750488044
cg00993799	7	104653126	LOC100216545	0.032493	1.50545321653985	0.0855192750488044
cg14779973	10	115949613	TDRD1	-0.0103657	-0.0155545142485185	0.0855192750488044
cg01918627	1	167326211	POU2F1;POU2F1;POU2F1;POU2F1	-0.0511902	-0.0826432425071193	0.0855192750488044
cg19517509	12	120933726	DYNLL1;DYNLL1;DYNLL1	0.0146109	0.403138688286198	0.0855192750488044
cg14153722	1	206858799	MAPKAPK2;MAPKAPK2	0.0137662	0.830746944918956	0.0855192750488044
cg06723057	16	28549923	NUPR1;NUPR1	-0.0448136	-0.0983614615100035	0.0855192750488044
cg20324516	2	3137154		-0.0708698	-0.130592265988802	0.0855192750488044
cg02203224	12	123464087	ARL6IP4;ARL6IP4;OGFOD2;ARL6IP4;ARL6IP4	-0.0233822	-0.0833061879877847	0.0855192750488044
cg01441738	1	180352217	ACBD6	-0.0527949	-0.106179874110821	0.0855192750488044
cg23303585	6	32940054	BRD2;BRD2	0.00597823	0.489981470860512	0.0855192750488044
cg24644049	4	85504048	CDS1	0.0385264	0.739823120870868	0.0855192750488044
cg13455444	9	131833703	FAM73B	-0.0297547	-0.0477937014439323	0.0855192750488044
cg01143309	17	72889783	FADS6	0.0371254	0.164102688496488	0.0855192750488044
cg22712329	1	244624555	C1orf101;C1orf101	0.0262803	0.596197941524036	0.0855192750488044
cg21224049	4	668623	ATP5I	0.0142149	0.457729983608058	0.0855192750488044
cg02958169	17	7184873	SLC2A4	0.0281753	0.667153707724179	0.0855192750488044
cg02344238	11	65153777	FRMD8	0.00767457	0.365354681346234	0.0855192750488044
cg06143886	13	101142914	PCCA;PCCA;PCCA	-0.0722491	-0.13178894850367	0.0855192750488044
cg04456437	3	119217424	C3orf1;C3orf1	0.00645879	0.424299695987105	0.0855192750488044
cg15437053	19	34311123		0.0176261	0.655222807152696	0.0855192750488044
cg05687930	1	225840508	ENAH;ENAH;ENAH;ENAH	0.00830021	0.3735285006041534	0.0855192750488044
cg06942064	1	208417143	PLXNA2;PLXNA2	0.0264788	0.632316185199399	0.0855192750488044
cg02570171	17	39822195		0.0142025	0.74967896446903	0.0855192750488044
cg10734849	2	217215658	MARCH4	-0.0450749	-0.075775282329955	0.0855192750488044
cg01630422	19	45510733	RELB	-0.0248097	-0.039360962981449	0.0855192750488044
cg13569527	20	33680323	TRPC4AP;TRPC4AP	0.022812	0.575208885674837	0.0855327197115916
cg00018896	13	25671476	PABPC3	-0.0451995	-0.0737506496267862	0.0855327197115916
cg09357331	7	100214622		-0.0511941	-0.135558845166512	0.0855368273312735
cg14497781	8	124169251		0.030301	0.75544997974366	0.0856375391074567
cg09913544	22	39269086	CBX6	0.0111	0.684117201152256	0.0856375391074567
cg08811958	20	43349788	WISP2	-0.0435381	-0.068577507658229	0.0856375391074567
cg02601685	17	55055297	SCPEP1	0.0075303	0.416314662556925	0.0856375391074567
cg08944481	1	15912201	AGMAT	-0.0499029	-0.102800933234037	0.0856450705441419
cg06752163	3	170588210	RPL22L1	0.00509817	0.39675263916422	0.0856450705441419
cg23948080	14	77227645	VASH1	0.0210837	0.613552285599204	0.0856450705441419
cg02276747	7	43909057	URGCP-MRPS24;MRPS24	0.0326749	0.984848775971333	0.0856527675325678
cg08866144	6	31371784	MICA	0.0410855	0.271053014335895	0.0856760188358825
cg12965753	16	691705	FAM195A	0.0070235	0.362099831694961	0.0856760188358825
cg13676204	14	61447818	SLC38A6;TRMT5	0.00328659	0.327376981480651	0.0856760188358825
cg20877627	17	79368872		0.00423887	0.36158697309156	0.0856926240155534
cg10435486	8	77591419	LOC100192378	-0.0549171	-0.152394604324409	0.0857449281392891
cg10821925	12	29533733	ERGIC2	0.0346839	0.770148916957928	0.0857449281392891
cg03311339	17	64299562	PRKCA	0.039891	0.512294569542289	0.0857449281392891
cg23389783	7	138720575	ZC3HAV1L	0.00665	0.3528370309385	0.0857449281392891
cg07734253	16	30194717	CORO1A	0.034964	1.33683384473226	0.0857449281392891
cg12267222	1	203296843		0.0145529	0.61833907597285	0.0857449281392891
cg01153132	6	119400114	FAM184A;FAM184A	0.0091538	0.470368014161469	0.0857449281392891
cg06100147	7	143059260	FAM131B;FAM131B	0.0445315	0.567931600910926	0.0857449281392891
cg26308874	10	7478473		0.0088971	0.013265549855482	0.0857449281392891
cg26000619	19	2251067	AMH	0.0540911	0.290570626116059	0.0857449281392891
cg02541778	8	55382901		0.0578708	0.424923194362796	0.0857449281392891
cg01757124	17	76320916		0.00716586	0.622532537683103	0.0857449281392891
cg23819836	6	15663134	DTNBP1;DTNBP1;DTNBP1;DTNBP1;DTNBP1;DTNBP1	0.0440301	0.39177790928595	0.0857449281392891
cg01547051	7	150777654	FASTK;FASTK	0.0414595	1.26250011351382	0.0857449281392891
cg10457397	4	110624915	CASP6;CASP6	0.0208296	0.498002120209624	0.0857449281392891
cg12065524	17	29718231	RAB11FIP4	0.0268062	0.382839788665665	0.0857449281392891
cg25180579	6	3982635		-0.053241	-0.0909006083822817	0.0857449281392891
cg21152662	4	48231543	TEC	-0.0603193	-0.107115314936557	0.0857449281392891
cg23706268	13	51484060	RNASEH2B;RNASEH2B;RNASEH2B;RNASEH2B	0.0150147	0.98518438560639	0.0857449281392891
cg16296880	4	39367793	RFC1	0.0204342	0.726443693530587	0.0857449281392891
cg22314900	2	109150331		0.0109679	0.436402078383206	0.0857449281392891
cg20346165	20	39318984	MAFB	0.0252154	0.613108746566854	0.0857449281392891
cg22265303	5	77596033		-0.0287076	-0.0476112341917675	0.0857449281392891

cg04922015	16	86500429		0.00423456	0.00629741425534387	0.0857449281392891
cg12695615	20	61428209	C2orf20	-0.00493352	-0.349871475935404	0.0857449281392891
cg03159456	12	125399716	MIR5188;UBC	0.0170374	0.548787804785667	0.0857449281392891
cg10139614	16	88878480	APRT;APRT	0.0216632	1.128035866585	0.0857449281392891
cg07022554	16	1993481	SEPX1	0.0471292	0.684921598281437	0.0857449281392891
cg04659689	7	2903377		0.00454105	0.347633712345431	0.0857449281392891
cg19929403	3	50220205	SEMA3F	0.0118719	0.0179274860254007	0.0857449281392891
cg25126090	7	4722778	FO XK1	0.00605453	0.384567891366501	0.0857449281392891
cg24524245	8	8537351		-0.0728673	-0.15446068088326	0.0857449281392891
cg20317272	18	60383672	PHLPP1	0.0123261	0.514284827634439	0.0857449281392891
cg18656667	12	14924100	HIST4H4	0.00469558	0.33438565631611	0.0857449281392891
cg10860647	11	9385980		0.0190223	0.576682594719942	0.0857449281392891
cg21379800	3	130745449	NEK11;ASTE1;ASTE1;NEK11;NEK11	0.00468776	0.311301092789636	0.0857449281392891
cg25053907	4	492859	ZNF721;PIGG;PIGG;ZNF721	0.0147701	0.428017745001202	0.0857449281392891
cg03149593	3	136988095		-0.0485415	-0.0871362144474621	0.0857449281392891
cg27416518	3	190610654		-0.00625549	-0.00931211722897631	0.0857449281392891
cg24830331	1	28807088	PHACTR4;PHACTR4	-0.00587404	-0.00876874710982874	0.0857449281392891
cg19605250	20	1206806	RAD21L1;RAD21L1	0.0135084	0.483388242518669	0.0857449281392891
cg12936509	7	129984292	CPA5;CPA5;CPA5	-0.0599439	-0.110554899933644	0.0857449281392891
cg21921473	15	23087656	NIPA1;NIPA1	-0.0401195	-0.0670816043527821	0.0857449281392891
cg21028326	22	50683188	TUBGCP6;TUBGCP6	0.0368312	1.28653108380936	0.0857449281392891
cg05080836	20	62339176	ARFRP1;ARFRP1;ARFRP1;ARFRP1;ARFRP1;ZGPAT;ZGPAT;ZGPAT;ZGPAT;ARFRP1;A	0.0324763	0.635313665839809	0.0857449281392891
cg08858239	8	134569763	ST3GAL1;ST3GAL1	0.00473642	0.00698882186109983	0.0857449281392891
cg04892409	1	170501224	GORAB;GORAB;GORAB	0.0326848	0.526288111853717	0.0857449281392891
cg10189607	4	184719753		0.0124347	0.406828525738214	0.0857449281392891
cg03609308	1	3664084	KIAA0495	0.00457046	0.44529653646194	0.0857449281392891
cg23415212	17	37331429	CACNB1	0.027796	0.39559246065974	0.0857449281392891
cg18427336	2	69533779		0.00613279	0.576333994737979	0.0857449281392891
cg03262242	1	28559476	DNAJC8	0.032941	0.330677944674467	0.0857449281392891
cg23046897	19	55851104	SUV420H2	0.0214282	0.522364896444514	0.0857449281392891
cg11099006	17	79860645	NPB	0.0153111	0.380167051969718	0.0857449281392891
cg03396354	19	46519603	CCDC61	0.0114941	0.593623932974506	0.0857449281392891
cg00148252	4	89906159	FAM13A	-0.0432932	-0.0824364641011914	0.0857449281392891
cg27087150	7	150756527	SLC4A2;CDK5;CDK5	0.0130187	0.460035773917969	0.0857449281392891
cg20361600	2	172967608	DLX2	0.0104148	0.483105214652626	0.0857449281392891
cg02250071	6	150465049	PPP1R14C	0.012141	0.537217376285555	0.0857449281392891
cg15877295	7	138915876	UBN2	0.00886001	0.366895101495606	0.0857449281392891
cg11756346	20	47835881	DDX27;DDX27	0.00708829	0.483255958877586	0.0857449281392891
cg23662032	12	107712545	BTBD11;BTBD11	0.0166192	0.592937909176675	0.0857449281392891
cg22637307	2	68590998	PLEK	-0.0889567	-0.162079694305693	0.0857449281392891
cg13912060	14	68141881	VTI1B	0.0165504	0.549745333754205	0.0857449281392891
cg13133000	1	78463620		-0.0615943	-0.117862765095812	0.0857449281392891
cg14237287	19	40768217	AKT2;AKT2;AKT2	-0.0182507	-0.0277304627526744	0.0857449281392891
cg06853376	5	125937059	PHAX	0.0210585	0.518558974223643	0.0857449281392891
cg02717770	15	63136985		0.00823074	0.0122520626374781	0.0857449281392891
cg14491479	8	144623711	ZC3H3	0.0284362	0.613241364680025	0.0857449281392891
cg26809482	1	16940026	NBPF1	0.0177758	0.602780472300266	0.0857449281392891
cg10673833	7	45018849	MYO1G	0.00807491	0.481568406783541	0.0857449281392891
cg16943083	18	500817	COLEC12	0.028616	0.427711076791276	0.0857449281392891
cg04680247	2	26007561	ASXL2	-0.0200132	-0.0304837726923483	0.0857449281392891
cg15627380	17	80656703	RAB40B	0.0319022	1.11320215517378	0.0857449281392891
cg07675285	16	27121267		0.0468718	0.375429098715402	0.0857449281392891
cg16113681	22	19748925	TBX1;TBX1;TBX1	0.0195806	0.469319358258045	0.0857449281392891
cg02695969	19	932813	ARID3A	0.0154691	0.477031731065707	0.0857449281392891
cg12125605	3	181514754		-0.0475646	-0.079309934520363	0.0857449281392891
cg02979871	9	112402944	PALM2	0.0151053	0.52834945567995	0.0857449281392891
cg06976096	3	87138510		0.0420874	0.724677340010122	0.0857449281392891
cg01082498	11	68608225	CPT1A;CPT1A	0.0107945	0.425029561576467	0.0857449281392891
cg07032309	8	103668104	KLF10	0.0266888	0.882368127176271	0.0857449281392891
cg08297053	16	30905110	BCL7C;MIR762	0.0152681	0.599351030574106	0.0857449281392891
cg26080096	4	152340180	FAM160A1	-0.0388459	-0.0644702721237496	0.0857449281392891
cg23620315	3	13572380		-0.0551734	-0.0879115378090351	0.0857449281392891
cg17569397	2	200775850	C2orf69	0.0217682	0.754555147117887	0.0857449281392891
cg15369512	17	1012967	ABR;ABR;ABR	0.0101118	0.370558845270498	0.0857449281392891
cg20260663	12	56211576	ORMDL2;SARNP;SARNP;SARNP	0.0224614	0.818366814882746	0.0857449281392891
cg09248284	2	27851818	CCDC121;CCDC121;GPN1;CCDC121;GPN1;GPN1;GPN1;CCDC121;GPN1	0.0294242	0.491961929813473	0.0857449281392891
cg07388806	6	7108895	RREB1;RREB1;RREB1;RREB1	0.0050525	0.43967623965243	0.0857449281392891
cg16389027	5	137056645	KLHL3;KLHL3;KLHL3	-0.04373	-0.0721366942587397	0.0857449281392891
cg09077975	15	87533146	AGBL1	-0.012582	-0.0190693852431337	0.0857449281392891
cg01355526	2	232918190	DIS3L2	-0.0300448	-0.048101192073584	0.0857449281392891
cg16985048	11	75716813	UVRAG	-0.0327912	-0.0533438342838287	0.0857449281392891
cg18122310	12	50236657	BCDIN3D	0.0110567	0.532341953277288	0.0857449281392891
cg00472898	16	28847676	ATXN2L;ATXN2L;ATXN2L;ATXN2L;ATXN2L;ATXN2L;ATXN2L	-0.0251222	-0.0398586921340959	0.0857449281392891
cg11712217	17	80455631		0.0262475	0.63314976785879	0.0857449281392891
cg13883202	3	47422330	PTPN23	0.0211468	0.631079499175718	0.0857449281392891
cg26369308	19	41172324	NUMBL	-0.067019	-0.129599243938311	0.0857524769714478
cg13131061	2	225268095	FAM124B;FAM124B	-0.0383135	-0.0656492023834379	0.0857524769714478
cg10970409	3	42543566	VIPR1	0.0487319	0.737984759189468	0.0857524769714478
cg16983788	3	179043854	ZNF639;ZNF639;ZNF639	-0.072998	-0.163096163248515	0.0857524769714478
cg13067052	16	2518286		0.00661919	0.513720880783488	0.0857524769714478
cg10982433	10	16563821	C1QL3;C1QL3	0.0250415	0.560286541475081	0.0857524769714478
cg14561071	8	30769215		0.0185291	0.376604093262937	0.0857524769714478

cg00564759	16	29818771	MAZ;MAZ	0.0608427	0.732013815544876	0.0858103807138488
cg02807964	11	10814144		0.0276401	0.562267925253505	0.0858103807138488
cg07849112	20	36577384		-0.0269032	-0.0449126948938924	0.0858103807138488
cg23283076	1	27114325	PIGV	0.00816182	0.350208790873891	0.0858103807138488
cg11054120	12	68828311	LOC100507195	-0.0575834	-0.0922776071186648	0.0858103807138488
cg04410587	7	156743073	NOM1	0.0240603	0.595535603857988	0.0858103807138488
cg13412213	10	119598364		-0.0581758	-0.13355996792799	0.0858103807138488
cg21397993	1	243418055	CEP170;SDCCAG8;CEP170;CEP170	0.0383526	0.683658484252521	0.0858103807138488
cg23203809	14	81686857	GTF2A1;GTF2A1	-0.0224253	-0.40423710964392	0.0858103807138488
cg24568646	21	30446238	CCT8	0.00527515	0.364852809332281	0.0858620832602374
cg01458961	4	102269425	PPP3CA;PPP3CA;PPP3CA	0.0569296	0.942332385461137	0.0858620832602374
cg00474734	12	53645975	MFSD5;MFSD5;MFSD5	0.0368862	0.405644425744312	0.0859336176360627
cg10559432	20	50179543	NFATC2	0.0135275	0.282486692000249	0.0859336902715438
cg03232937	18	10599276		-0.0411061	-0.0675413732971352	0.0859602563424653
cg15778335	22	43011005	POLDIP3;POLDIP3;RNU12	0.042372	0.370519687475654	0.0859602563424653
cg26849331	6	32116216	PRRT1	0.0307444	0.289228278107273	0.085983907179039
cg07526883	14	39572542	SEC23A	0.0146001	0.690914598449073	0.0861036694173011
cg02933679	1	13910224	PDPN;PDPN	0.0585758	0.396086000096395	0.0861203027284899
cg05863534	17	34948351	DHRS11;DHRS11	0.0281105	0.960605323292582	0.0861203027284899
cg02565863	14	56584899	PEL12	0.0397121	0.43416892757874	0.0861203027284899
cg10209391	1	26633129	UBXN11;UBXN11;UBXN11;UBXN11;UBXN11	0.00650842	0.48262377379844	0.0861203027284899
cg12365193	8	144692039	PYCR1	0.0216607	0.608866709109554	0.0861203027284899
cg19367256	1	18651998	IGSF21	-0.0220105	-0.0352060123547406	0.0861270842413176
cg18214701	17	48172593	PK2;PK2;PK2;PK2	0.0166268	0.678603460436062	0.0861270842413176
cg00041084	5	64398983		0.0071752	0.421459129755645	0.0861270842413176
cg02398663	18	45663510		0.0106867	0.604834478161489	0.0861270842413176
cg24899519	11	59525228	STX3;STX3	0.00752355	0.848058039568072	0.0861270842413176
cg17632233	11	62439667	C11orf48;C11orf83	0.026333	0.927217706769418	0.0861270842413176
cg03548744	12	110718499	ATP2A2;ATP2A2	0.014768	0.372609478614637	0.0861270842413176
cg14781686	10	70287434	SLC25A16	0.0680211	1.08225763343677	0.0861270842413176
cg02009895	12	54380101	HOXC10	0.0168279	0.44629926817631	0.0861583160345699
cg04247218	16	27561328	GTF3C1;KIAA0556	0.00487895	0.33080417027282	0.0861583160345699
cg16214654	2	61697828	USP34;USP34	0.0420314	1.41103249020049	0.0861583160345699
cg24182603	12	111843578	SH2B3	0.00676442	0.322431796073833	0.0861583160345699
cg14661383	1	228463720	OBSCN;OBSCN	0.00812346	0.391427419588199	0.0861583160345699
cg26649834	1	38156051	C1orf109;C1orf109	0.00397872	0.32857066834859	0.0861583160345699
cg20559561	12	120972173	RNF10;RNF10	0.00928704	0.618901196361024	0.0861583160345699
cg15131414	19	37157847	ZNF461	0.0259965	0.763039115170924	0.0861871565094117
cg14179433	15	65809620	DPP8;DPP8;DPP8;DPP8	0.0115606	0.529859880882523	0.0861871565094117
cg16528891	1	36169528		-0.0846549	-0.186226090566163	0.0861871565094117
cg02944953	19	38544658	SIPA1L3	-0.0411612	-0.0658379159326256	0.0861871565094117
cg16579225	1	2322553	RER1;MORN1	0.00781719	0.53148855615036	0.0861871565094117
cg01915516	1	3568243	TP73	0.0218979	0.839656753729767	0.0861871565094117
cg18770186	8	141521259	CHRAC1;CHRAC1	0.0246205	0.842539240125454	0.0861871565094117
cg20089744	3	128372087		-0.022761	-0.0347019702710593	0.0861871565094117
cg24376776	10	101297245		0.0260028	0.713034054026896	0.0861871565094117
cg01706029	16	27325672	IL4R;IL4R	0.009453	0.400981983405204	0.0861871565094117
cg06802812	5	40679165	PTGER4	0.00767352	0.346661430161714	0.0863044940363843
cg10536369	2	170335894	BBS5	0.0260319	1.06243981267092	0.0863071052626647
cg02037503	14	23540729	ACIN1;ACIN1;ACIN1;ACIN1;ACIN1	0.0692757	0.547588610528149	0.0863071052626647
cg16747999	8	95653174	ESRP1;ESRP1;ESRP1;ESRP1;ESRP1	0.0165616	0.693367172017122	0.0863071052626647
cg16166399	19	59030753	ZBTB45;ZBTB45	0.00675068	0.420537796260622	0.0863188198756657
cg23704874	12	11701293		-0.0397281	-0.0638039593795401	0.0864304769582493
cg19097648	5	115177461	ATG12;AP3S1;ATG12	0.0483512	1.27718107615971	0.0864471477515176
cg21795699	17	15903687	ZSWIM7;TTC19;ZSWIM7	0.0181202	0.89582705017588	0.0864471477515176
cg06932451	19	36869880		0.017996	0.597137366778245	0.086455261626138
cg08943344	17	8374863		0.00989363	0.0147590605277746	0.0864882377859482
cg01104200	12	562065		-0.0334807	-0.0539553673131296	0.0864882377859482
cg05954989	10	135191962	PAOX;PAOX;PAOX	0.021335	0.965450758502688	0.0864882377859482
cg07853246	4	143768134	INPP4B;INPP4B	0.0113501	0.6983981938424	0.0864882377859482
cg19935040	17	42432165	FAM171A2	0.0423084	0.256789387467278	0.0865551772613161
cg25126812	14	69445989	ACTN1;ACTN1;ACTN1;ACTN1;ACTN1	0.00953321	0.502723651751618	0.0865668030596986
cg18542078	19	3184564	NCLN	-0.0393923	-0.0708970351948469	0.0865668030596986
cg06184899	14	77842967	SAMD15;TMED8	0.0181474	0.684085481434852	0.0865668030596986
cg23033866	17	79670804	MRPL12	0.0179798	0.53086517223639	0.0865984641183482
cg05686118	16	57610170	GPR114	-0.0411124	-0.0703520331997304	0.0865984641183482
cg22165360	15	64388139	SNX1;SNX1;SNX1	0.00534042	0.333868972313664	0.0865984641183482
cg00374173	19	47996733	NAPA;NAPA;NAPA;NAPA;AS1;NAPA;NAPA;NAPA	0.0123243	0.0185665729954898	0.0865984641183482
cg23741330	6	116832940	FAM26E;BET3L	-0.0194929	-0.0302241353620876	0.0865984641183482
cg08742975	1	204632973	LRRN2;LRRN2	0.0469095	0.0730005199689424	0.0865984641183482
cg08060454	3	137487932		0.0271193	0.595624515175898	0.0865984641183482
cg07377675	1	62901875	USP1;USP1;USP1	0.00881308	0.533814910135266	0.0865984641183482
cg22684426	12	49351253	ARF3	0.00455241	0.307945292585875	0.0865984641183482
cg12052348	11	118272271	ATP5L;ATP5L;LOC100131626;LOC100131626;ATP5L	0.0049072	0.306432544122462	0.0865984641183482
cg01163848	22	24060637	LOC91316	-0.0382882	-0.0659619541377722	0.0865984641183482
cg24389730	17	46114615	MIR152;COPZ2	0.0399214	0.34516935335577	0.0865984641183482
cg27544871	12	11654175		-0.0271028	-0.0467210154052516	0.0865984641183482
cg23358871	17	78121069	EIF4A3	0.0114824	0.632174352748182	0.0865984641183482
cg07810106	5	131630122	SLC22A4	0.0173097	0.648616406181379	0.0865984641183482
cg22149995	8	125461772	TRMT12	-0.112667	-0.216500210555074	0.0865984641183482
cg17906245	1	213021979	C1orf227	-0.0509095	-0.0820680582030326	0.0865984641183482
cg20495247	12	109536079	UNG;UNG;UNG	0.0102328	0.471898661475282	0.0865984641183482

cg21042539	5	176514085	FGFR4;FGFR4	0.0180938	0.605475784910254	0.0871313720871518
cg12069276	11	10476242	AMPD3;AMPD3;AMPD3	-0.0202326	-0.0314032486080442	0.0871313720871518
cg02074591	16	3220802		0.00554013	0.265553765523099	0.0871313720871518
cg11314629	3	48583854	PFKFB4	0.0118163	0.0183121063596729	0.0871313720871518
cg02150526	17	38136938	PSMD3	0.00689567	0.4081937866451229	0.0871313720871518
cg23710795	20	57875655	EDN3;EDN3;EDN3;EDN3;EDN3;EDN3;EDN3;EDN3;EDN3	0.0144888	0.330750157482516	0.0871545927395992
cg01730032	4	135248255		-0.0338979	-0.055381418220262	0.0871545927395992
cg13190924	15	44084524	SERF2;SERF2	0.0138687	1.17448688683222	0.0871941972236036
cg21767703	1	236444768	ERO1LB	0.0222572	0.460346622281909	0.0872145217218695
cg25542041	9	124982087	LHX6;LHX6	0.0161711	0.561240447266441	0.0872460946563789
cg16529563	19	49560284	CCGB7	0.00990721	0.368169961110081	0.0872766515169698
cg17130815	7	2558891	LFNG;LFNG;LFNG;LFNG	0.026786	1.14971904742815	0.0873116285634835
cg06980251	18	60263900		0.0314279	0.499437827634546	0.0873116285634835
cg05256313	3	124926431	SLC12A8;SLC12A8	-0.0127349	-0.0189094438846705	0.0873127323014528
cg19434470	17	6917616	RNASEK;RNASEK;RNASEK-C1orf49;C1orf49;C1orf49;C1orf49;RNASEK	0.0254968	0.41757375303449	0.0873127323014528
cg04680304	11	4116184	RRM1;RRM1	0.0124246	0.511439066436799	0.0873127323014528
cg02072992	16	83960431		0.0314955	0.621345576756324	0.0873410858589919
cg05885483	12	49412537	PRKAG1;PRKAG1;PRKAG1;PRKAG1;PRKAG1	0.0208081	0.580239766154345	0.0873707738560687
cg24126878	12	7342151	PEX5;PEX5;PEX5;PEX5;PEX5	-0.0127412	-0.852032764041063	0.0873726159235019
cg12306414	4	13549355	LOC285548	0.0527431	0.331773642684301	0.0873726159235019
cg01003803	8	16859632	FGF20;FGF20	0.0232366	0.457602097105887	0.0873726159235019
cg15765896	12	53472985	SPRYD3	0.0161035	0.698552831762123	0.0873726159235019
cg24814784	6	31830947	NEU1	0.00912967	0.510805600721979	0.0873726159235019
cg22376230	16	67880540	NUTF2;CENPT	0.0126683	0.444358558540035	0.0873726159235019
cg05144147	10	6018955	IL15RA;IL15RA	0.0267205	0.994607581793024	0.0873726159235019
cg02832997	21	47878903	DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2A;DIP2A	0.0386174	0.254393984435112	0.0873837676655894
cg09691861	4	77870047	SEPT11	0.0354642	1.21147265596216	0.0874130849443185
cg26681603	10	75700474		0.0180876	0.534970399481228	0.0874130849443185
cg12892033	14	104181379	XRCC3;XRCC3;XRCC3;ZFVYE21;ZFVYE21	0.0409411	0.980641009479062	0.0874876030099216
cg26622537	11	101458233		-0.0416305	-0.0696096111480089	0.0874898720472256
cg08890976	12	100538115	UHRF1BP1L;UHRF1BP1L	-0.0546722	-0.127954035330262	0.0875262364298879
cg05402395	21	47427081		-0.0496481	-0.0813216580169818	0.0875996012402595
cg07784294	11	11873490	USP47	-0.0703491	-0.121351262497655	0.0876138973958095
cg26679668	3	49218951	C3orf84	-0.0634247	-0.12065322948983	0.0876138973958095
cg18286862	4	123300469	ADAD1;ADAD1;ADAD1	0.0121103	0.0187214529864137	0.0876365453329989
cg06090383	4	174292579	SAP30	0.032017	0.5211622710008	0.0876365453329989
cg2204009	12	94071654	CRAADD	0.0294389	0.544662124769178	0.0876365453329989
cg21076271	14	32546633	ARHGAP5;ARHGAP5;ARHGAP5;C14orf128;ARHGAP5	0.0232697	0.772981009373977	0.0876365453329989
cg07274716	5	134363973	PITX1	0.0282718	0.535026309248913	0.0876365453329989
cg17089785	15	99562412		-0.0331015	-0.0512755011086281	0.0876365453329989
cg04329455	9	137215364		-0.00811534	-0.0121466149025329	0.0876755105579002
cg26896160	1	6454004	ACOT7	0.0216602	0.883308727030421	0.0876911800183251
cg11762839	11	17565885	USH1C;USH1C;USH1C;USH1C	0.0130361	0.47904050103536	0.0876911800183251
cg03568717	12	109458732	SVOP;SVOP	0.0131988	0.499115577478459	0.0876911800183251
cg15433056	20	44993218	SLC35C2;SLC35C2;SLC35C2	0.00827964	0.407281696555966	0.0876911800183251
cg02875253	16	3314612		0.0106593	0.423432551981614	0.0876911800183251
cg02996314	1	32479425	KHDRBS1	0.0190915	0.704803920588197	0.0876911800183251
cg13140338	1	91317255		0.0308751	0.576745392591229	0.0876911800183251
cg18829560	17	7298064	PLSCR3	0.00514093	0.254461514959414	0.0876911800183251
cg17874528	15	86338361	KLHL25	0.0171094	0.749060316259336	0.0876911800183251
cg22840361	15	96887919		0.0219139	0.258591193097248	0.0876911800183251
cg24168641	15	74219645	LOXL1	0.0315263	0.429200150408319	0.0876911800183251
cg11116176	9	135805713	TSC1;TSC1;TSC1	-0.0911983	-0.163915302549293	0.0876911800183251
cg26522937	7	101440743		-0.0339733	-0.0542135813035404	0.0876911800183251
cg02743222	5	170736335	TLX3;TLX3	0.0176042	0.455762566241758	0.0876911800183251
cg03630756	19	41839506	TGFB1	-0.0401299	-0.0667490396223754	0.0876911800183251
cg12100721	17	79316639		0.0292759	0.461557607469209	0.0876911800183251
cg05827631	1	121261404	LOC647121	0.00831495	0.358060922308107	0.0876911800183251
cg10451253	17	32907705	TMEM132E;C17orf102	0.0101751	0.483137976168779	0.0876911800183251
cg26442458	11	65728985	SART1	0.017306	0.984961025033792	0.0876911800183251
cg17318645	14	77787612	GSTZ1;POMT2;GSTZ1;GSTZ1	0.0163338	0.632184477345835	0.0876911800183251
cg23237765	7	921845	C7orf20	-0.0848101	-0.142426389604335	0.0876968158562571
cg21604741	2	27713092	IFT172	-0.0507984	-0.186090143895555	0.0876968158562571
cg11369958	8	141451722	TRAPPC9;TRAPPC9	-0.08498	-0.14290505044825	0.0876968158562571
cg11352339	6	43482436	YIPF3	-0.0603439	-0.0979958671704588	0.0876968158562571
cg26928080	14	95236825	GSC	0.0211178	0.267278072697447	0.0876968158562571
cg05721281	3	197477555	FYTTD1;FYTTD1;FYTTD1;KIAA0226	0.0164666	0.519420977300906	0.0876968158562571
cg15792158	12	113574084	RASAL1	0.0560287	0.7186664337282	0.0876968158562571
cg19752627	7	98467380	TMEM130;TMEM130;TMEM130	0.00992827	0.411417070143745	0.0876968158562571
cg14959506	16	1525533	CLCN7;CLCN7	0.0162802	0.478967878467395	0.0876968158562571
cg07759394	11	134201954	GLB1L2;GLB1L2	0.00864049	0.490695987343039	0.0876968158562571
cg02482035	1	41220017	MIR30E;NFYC;NFYC;NFYC;NFYC;NFYC;NFYC	-0.0214787	-0.0343398011146633	0.0876968158562571
cg18273818	5	5422589	KIAA0947	0.0103743	0.615173594273549	0.0876968158562571
cg18410117	6	90645081	BACH2;BACH2	-0.00848131	-0.012555957870713	0.0877046793049971
cg02893015	8	82755558	SNX16;SNX16;SNX16	-0.0463173	-0.104791694601495	0.0877216144658561
cg26968714	15	20152530		-0.0292952	-0.0521602715946582	0.0877294765252078
cg05013825	14	76870341	ESRRB	-0.0531688	-0.103811233979351	0.0877960490122498
cg09012337	11	73019505	ARHGEF17	0.0181161	0.424879897211853	0.0877960490122498
cg06405860	1	60539458	C1orf87	0.031692	0.29209777648803	0.0877960490122498
cg18956250	1	26798730	HMGN2	0.0108972	0.641472040933614	0.0877960490122498
cg10122932	7	99698990	MCM7;MCM7;MCM7;AP4M1	0.0277232	0.848007131211059	0.0877960490122498
cg03800721	12	120525338	CCDC64	0.00793653	0.494132685616719	0.0877960490122498

cg24371217	3	156402033	TIPARP	0.0245537	0.0380324531602961	0.0884228563666723
cg18101314	11	72504857	STARD10	0.0287924	0.69282388364639	0.0884228563666723
cg15405931	19	52693188	PPP2R1A	0.00860243	0.58989218624091	0.0884228563666723
cg19044279	18	658447	TYMS;C1orf56	0.0147594	0.564168355038449	0.0884228563666723
cg00987699	7	5229947	WIPI2;WIPI2;WIPI2;WIPI2;WIPI2;WIPI2	0.0529673	0.6467555501489	0.0884228563666723
cg01976469	18	56076257		-0.0503598	-0.092441802851527	0.0884228563666723
cg26748435	14	64854866	MTHFD1;MTHFD1;MIR548AZ	0.0220145	0.600261371942938	0.0884228563666723
cg27475235	16	58659721	CNOT1;CNOT1	-0.0832578	-0.154306331317932	0.0884228563666723
cg15752230	14	35005787	EAPP	-0.071998	-0.136064645301829	0.0884228563666723
cg13588054	7	126892578	GRM8	0.0101924	0.290129138254495	0.0884228563666723
cg23924007	4	140099401		0.00880979	0.524920607381924	0.0884402167465414
cg21142038	1	202183444	LGR6;LGR6;LGR6	0.0175064	0.388035933093821	0.0884631503591757
cg10576257	2	75428132	TACR1;TACR1	0.0298301	0.913569703882141	0.088558629913202
cg13332525	6	99949744	USP45	-0.0614611	-0.110478855996015	0.088588197552262
cg03323770	14	74960890	NPC2;ISCA2	0.00810729	0.488838282436922	0.0886268200056694
cg07663404	19	3979938	EEF2	0.0088309	0.0131774816106332	0.0886365890794188
cg08857906	1	28156999	PPP1R8;PPP1R8;PPP1R8	0.0659985	0.260817647687251	0.0886365890794188
cg04365101	17	55703965	MSI2;MSI2	-0.0108413	-0.0167249447474204	0.0886365890794188
cg20615128	7	140396907	NDUFB2;NDUFB2-AS1	0.00597842	0.539828959275201	0.0886370937928553
cg10442913	1	116915309	ATP1A1;ATP1A1	0.00854496	0.329239413401459	0.0886468227782772
cg25164886	16	88700624		0.0433969	0.587062919604477	0.0886468227782772
cg11728900	10	13203459	MCM10;MCM10	0.00940993	0.512002770089747	0.0886708643414291
cg02084259	15	34178478	AVEN	-0.045107	-0.0762311072363058	0.0887003598920323
cg25847024	1	111991376	WDR77;ATP5F1	0.0160966	0.446721827726696	0.0887003598920323
cg18961370	9	124262142	GGTA1P;GGTA1P	0.0153513	0.438532313217459	0.0887045024649253
cg00996367	12	39301695		-0.0305468	-0.0478977083450052	0.0887045024649253
cg05840756	5	114696346		-0.0491011	-0.0805896937447548	0.0887045024649253
cg18922524	12	54447136	HOXC4;HOXC4	0.00855981	0.382127900451824	0.0887045024649253
cg00989217	21	33651492	C21orf45	0.00953562	0.43157743804003	0.0887045024649253
cg09957933	15	57065793		0.00693919	0.0103199920419637	0.0887045024649253
cg01610561	19	34895766	PDCD2L	0.00924969	0.338652989969779	0.088773360431765
cg07743799	20	2821434	FAM113A;VPS16;VPS16	0.00877241	0.693962708344277	0.088773360431765
cg19112349	8	28244113	ZNF395	0.0154051	0.967407024406541	0.088773360431765
cg14084056	12	48744539	ZNF641	0.00903712	0.452955832385787	0.088773360431765
cg21032292	21	34395093		0.00962698	0.45745734108325	0.088788427805005
cg24036292	11	70416269	SHANK2;SHANK2	-0.0109096	-0.016260338551304	0.0888086780552478
cg07785518	2	140510062		-0.0648215	-0.112432108380904	0.0888086780552478
cg22414994	7	77619544		-0.0326882	-0.0526074825567689	0.0888086780552478
cg03551378	6	36309528		-0.0698275	-0.126075626082961	0.0888086780552478
cg11380323	1	220534666		-0.015055	-0.0227417292595675	0.0888086780552478
cg07164875	16	89788709	C16orf7;ZNF276;ZNF276	0.0258635	0.649086736222904	0.0888086780552478
cg19800413	6	108077539	SCML4;SCML4	0.0733687	0.115910620385264	0.0888086780552478
cg01719220	16	58035188	C16orf57;ZNF319	0.00958668	0.551270089573762	0.0888254393529388
cg14667731	6	28891990	TRIM27	0.00575718	0.36363219967237	0.0888989817382632
cg21361127	7	27766351		-0.0419402	-0.0678763854526501	0.0889302453829284
cg12500976	2	233498078	EFHD1;EFHD1	0.0234824	0.82236519057905	0.0889406020745895
cg17669438	3	133615173	RAB6B	0.0109713	0.387812901715694	0.0889406020745895
cg26373942	12	108523463	WSCD2	0.0306075	0.725335539952447	0.0889406020745895
cg10772244	12	6643804	GAPDH;GAPDH;GAPDH;GAPDH;GAPDH	0.0251031	0.644938874428515	0.0889406020745895
cg21439852	19	10628193	S1PR5;S1PR5	0.0327639	0.388205411575406	0.0889406020745895
cg12646754	1	2574751		0.0606272	1.81821963352498	0.0889406020745895
cg24096934	9	90589828	CDK20;CDK20;CDK20;CDK20;CDK20	0.0264909	0.5310752524488357	0.0889406020745895
cg27603843	16	32926385		-0.0291786	-0.0476874318731588	0.0889406020745895
cg17418440	6	3069353		0.00956465	0.53196112093224	0.0889406020745895
cg24480260	17	80098801	CCDC57	-0.0495537	-0.0840753129259729	0.0889531855601125
cg00583480	8	134441362		0.00332889	0.00488741132664654	0.0889572462506623
cg23995249	3	132440400	NPHP3-AS1;NPHP3;NPHP3-ACAD11	-0.0500266	-0.137525897319688	0.0890449531799747
cg01435564	5	132150904	ANKRD43	0.00486217	0.00734057895712357	0.0890449531799747
cg21667796	11	63804119	MACROD1	0.0291891	0.995023463629163	0.0890504145849747
cg14182682	14	57857589	NAA30	-0.00863309	-0.525542590414428	0.0890504145849747
cg18635246	17	55021287	COIL	-0.0403807	-0.0649148293533908	0.0890580053948821
cg00980047	12	121642721		-0.0780793	-0.1970979142537	0.0890580053948821
cg09252196	1	113933337	MAGI3;MAGI3	0.0137642	0.607634146361661	0.0890580053948821
cg18991677	1	16846966		-0.0401832	-0.0852926395921857	0.0890580053948821
cg16248933	3	122003561	CASR	0.00395246	0.00580698206157762	0.0890580053948821
cg11619775	17	61920126	SMARCD2;SMARCD2	0.0274426	0.79836492136703	0.0890580053948821
cg18665594	5	101119420		0.0902522	0.263795381714835	0.0890580053948821
cg13501117	1	3566577	WDR8;WDR8	0.0128703	0.442832727139667	0.0890580053948821
cg14857596	12	72233493	TBC1D15;TBC1D15;TBC1D15;TBC1D15;TBC1D15;TBC1D15	0.0230154	1.00552372321533	0.0890580053948821
cg05403508	1	47069957	MKNK1;MKNK1;MKNK1;MKNK1;MKNK1;MKNK1;MKNK1	0.00932662	0.443835922155401	0.0890580053948821
cg24410546	8	26371551	PNMA2	0.0045053	0.291342622560949	0.0890580053948821
cg14036868	2	38604442	ATL2;ATL2;ATL2	0.0335152	0.60967717154075	0.0890580053948821
cg24848467	6	28134517	ZNF389	-0.0722459	-0.157029535260242	0.0890580053948821
cg13862983	9	73028130	KLF9	0.0109747	0.464207157547605	0.0890580053948821
cg07292028	7	134044231		-0.0113265	-0.016985649382528	0.0890580053948821
cg02506578	3	25824554	NGLY1;NGLY1;NGLY1;NGLY1	0.00897952	0.509657461825112	0.0890580053948821
cg01936481	22	25882506		-0.0489258	-0.0837667598794427	0.0890580053948821
cg18493085	17	73474562	KIAA0195	0.00554829	0.00833775505517753	0.0890580053948821
cg04963066	8	146126972	ZNF250;ZNF250	0.0191352	0.793035892565235	0.0890580053948821
cg00353773	10	44880708	CXCL12;CXCL12;CXCL12	0.0134585	0.261540560311256	0.0890580053948821
cg10396491	8	123808147	ZHX2	-0.0485148	-0.101824723828751	0.0890580053948821
cg09853387	7	139877374	LOC100134229;JHDM1D	0.0304341	0.682970593052685	0.0890580053948821

cg26832142	1	66258441	PDE4B;PDE4B	0.0113967	0.407001666107987	0.0890580053948821
cg24568647	10	43903337	HNRNPF;HNRNPF;HNRNPF;HNRNPF	0.00901386	0.506248708375301	0.0890580053948821
cg25552017	1	945416		-0.0703949	-0.170372948377519	0.0890580053948821
cg17222231	14	105714673	BTBD6;BRF1;BRF1;BRF1;BRF1;BRF1	0.0155752	0.665840362815223	0.0890580053948821
cg25088355	8	144691901	PYCR1	0.00372233	0.354437181334157	0.0890580053948821
cg15391499	5	112630623	MCC;MCC	0.00696992	0.481254965816211	0.0890580053948821
cg22775801	12	123636480		0.0296534	0.0501535206136403	0.0890580053948821
cg06809691	17	17380297	MED9	0.0154226	0.760210070440155	0.0890580053948821
cg18716861	20	43538761	PABPC1L;PABPC1L	0.0171476	0.76311069502501	0.0890580053948821
cg24751717	17	4642944	ZMYND15;CXCL16;CXCL16;CXCL16;CXCL16;ZMYND15	0.0238835	0.751715299608699	0.0890580053948821
cg03320144	17	14933536	CDRT7	-0.0285427	-0.0448370269569562	0.0890580053948821
cg15975102	19	8008829	TIMM44	0.0176649	0.609555757230171	0.0890580053948821
cg06674310	6	27357040	ZNF391	0.010605	0.250867258660337	0.0890580053948821
cg07132926	13	21480411		-0.0848535	-0.165495231962734	0.0890580053948821
cg04490178	19	3179545	S1PR4	0.0282289	0.788584882078409	0.0890580053948821
cg05137680	5	138729068	LOC389333	0.0126872	0.748507664448023	0.0890580053948821
cg04314308	19	19336150	NCAN	0.00859169	0.493056442506098	0.0890580053948821
cg13301155	15	82338574	MEX3B	0.0185433	0.737814115618871	0.0890580053948821
cg13357518	1	22263347	HSPG2	0.032915	0.450296119252778	0.0890580053948821
cg17161020	19	19302807	RFXANK;RFXANK;RFXANK;RFXANK;MEF2B2B;MEF2B2B;MEF2B2B;MEF2B2B	0.0357417	0.309390984470248	0.0890580053948821
cg07737482	16	68631748		-0.0285964	-0.0447483153914435	0.0890580053948821
cg11595203	16	2098149	TSC2;TSC2;TSC2;NTHL1	0.0136175	0.714413915690609	0.0890580053948821
cg19176999	14	92414221	FBLN5	0.00890498	0.370799861441464	0.0890580053948821
cg19712603	13	53422777	PCDH8;PCDH8	0.0206135	0.512575259279322	0.0890580053948821
cg05097593	17	34890677	MYO19;MYO19;MYO19;PIGW	0.0141653	0.473303164380058	0.0890580053948821
cg07590922	11	76152669		-0.0778667	-0.160174365831787	0.0890580053948821
cg12668472	17	63327954		-0.0761632	-0.14212680688266	0.0890580053948821
cg07195197	16	1662150	IFT140	0.014144	0.705710585780396	0.0890580053948821
cg07909497	12	9600950	DDX12	0.0171893	0.459367563245276	0.0890580053948821
cg00974149	17	56296512	MKS1;MKS1	0.0331975	0.725645667544736	0.0890580053948821
cg13672103	12	57985290	PIP4K2C;PIP4K2C;PIP4K2C;PIP4K2C	0.0415711	0.424697129664964	0.0890580053948821
cg09964204	3	66024343	MAG11;MAG11;MAG11;MAG11;MAG11;MAG11	0.0223501	0.431142704199004	0.0890580053948821
cg14864994	12	6496214	LTBR	-0.034919	-0.055076682186541	0.0890580053948821
cg01603004	1	236462959		-0.0253645	-0.0396638129214135	0.0890580053948821
cg05838956	11	6704805	MRPL17	0.0142646	0.580152775399249	0.0890580053948821
cg13636983	9	135838862	GF1B	-0.0222539	-0.0339747168557058	0.0890580053948821
cg19853434	10	14286813	FRMD4A	-0.0315731	-0.0588757169116242	0.0890580053948821
cg00973823	1	32226349	BAI2	0.0436339	0.432417633422928	0.0890693142187285
cg08163767	2	241500709	DDSP28;ANKMY1	0.00846791	0.690112955348012	0.0890693142187285
cg21826292	9	80850930	CEP78;CEP78	0.0123248	0.615814766623267	0.0891450630253458
cg04509133	1	167734853	MPZL1;MPZL1;MPZL1	-0.0258336	-0.040253048589882	0.0891450630253458
cg25142954	15	41245554	CHAC1;CHAC1	0.0241555	0.855252461820159	0.0891450630253458
cg14224553	10	63875107		-0.0607726	-0.126995253770261	0.0891450630253458
cg04270788	1	89356964	GTF2B	0.00622963	0.457471148976015	0.0891450630253458
cg07937578	4	25487481		-0.0646896	-0.116574695180118	0.0891450630253458
cg09309286	17	32960898	TMEM132E	-0.069266	-0.127245925906624	0.0891450630253458
cg11505936	16	58005235	CNGB1;CNGB1;CNGB1	0.0120789	0.0186254358468773	0.0891450630253458
cg15717656	2	74709666	TTC31;TTC31;CCDC142	0.0192388	1.25692211894078	0.0891450630253458
cg18073966	1	178482209	TEX35;TEX35;TEX35;TEX35	0.011501	0.018159337611149	0.0891450630253458
cg08165971	2	233792394	NGEF;NGEF	0.022152	0.48656460953514	0.0891450630253458
cg23131955	1	65457091	LINC01359	-0.0275666	-0.0460747486764094	0.0891450630253458
cg01609705	8	38240669	WHSC1L1;WHSC1L1	0.00553507	0.437297595018231	0.0891450630253458
cg14340610	19	37568961	ZNF420	0.00995753	0.485096692216678	0.0891450630253458
cg22845819	19	58514331	ZNF606;ZNF606;LOC100128398	0.0425861	1.29250457156914	0.0891450630253458
cg08740862	11	62314417	AHNAK;AHNAK	0.0367308	0.74971013776671	0.0891450630253458
cg07951519	17	4607306	PELP1	0.0174443	0.347339590393983	0.0891450630253458
cg24892765	4	56252140	SRD5A3-AS1	-0.00981506	-0.0145062517785612	0.0891450630253458
cg10991578	14	96671020	BDKRB2	0.0134145	0.224925774458096	0.0891450630253458
cg0288562	7	23571645	TRA2A;TRA2A	0.00764393	0.568286843263829	0.0891450630253458
cg06908806	20	42136129		0.0178472	0.526829314248015	0.0891450630253458
cg05315621	14	99375443		-0.0185535	-0.0281230622086155	0.0891450630253458
cg22802813	12	95942761	USP44;USP44	0.0314353	0.44826737557051	0.0891450630253458
cg22126266	1	180199560	LHX4;LHX4	0.00642825	0.49897798404026	0.0891450630253458
cg13957451	1	111991591	ATP5F1;WDR77	0.0104205	0.51967500671238	0.0891450630253458
cg04508332	16	89916780	SPIRE2	0.00739312	0.0109045413080596	0.0891450630253458
cg15749350	5	147257225	SCGB3A2	-0.020808	-0.0324361853954206	0.0891450630253458
cg27227597	2	218661518		-0.0334775	-0.0563838878803841	0.0891450630253458
cg11857246	1	11741390	MAD2L2;MAD2L2	0.0363992	1.35341266670335	0.0891450630253458
cg17587023	1	206223592	AVPR1B	0.0106078	0.570273594102875	0.0891450630253458
cg23289197	7	16685473	BZW2;BZW2;ANKMY2;BZW2	0.0115621	0.5256039909763	0.0891450630253458
cg10455757	9	35111424	KIAA1539	0.0195841	0.608365894025089	0.0891450630253458
cg08209577	8	145635217	CPSF1	0.0111943	0.39758631936003	0.0891450630253458
cg09786084	17	60670351	TLK2;TLK2;TLK2	-0.0639215	-0.121222108586389	0.0891450630253458
cg01582807	7	99070515	ZNF789;ZNF789;ZNF789;ZNF789	0.0128593	0.536843172613344	0.0891450630253458
cg02764239	2	74615548	LOC100189589	0.00441999	0.0065576493224424	0.0891450630253458
cg23240961	12	57634410	NDUFA4L2	-0.00624213	-0.330744435152292	0.0891450630253458
cg22447380	5	55451073	ANKRD55	0.0446263	0.540600873196172	0.0891450630253458
cg13283153	8	9756828		0.00661476	0.198476422192831	0.0891450630253458
cg01230508	14	65569312	MAX;MAX;MAX;MAX;MAX;MAX	0.0072729	0.306164490401547	0.0891450630253458
cg19281363	13	42031291	C13orf15	0.0114889	0.564390406409639	0.0891450630253458
cg10450899	17	685900	RNMTL1;GLOD4	0.0188629	0.872261106546768	0.0891450630253458
cg01035689	10	118608698		0.0238443	0.770680858257093	0.0891450630253458

cg09055355	8	130951979	FAM49B;FAM49B	0.0234576	0.717194027577518	0.0891450630253458
cg01679663	6	81027072	BCKDHB;BCKDHB	-0.0591739	-0.111443682214744	0.0891450630253458
cg24312390	7	149158098	ZNF777	0.00381455	0.369983046271768	0.0891450630253458
cg12951098	5	157170574	11,00 LSM	0.00311224	0.357623044879138	0.0891450630253458
cg18690833	20	13972022	SEL1L2	-0.0749749	-0.14125784436807	0.0891450630253458
cg06409997	2	220110347	GLB1L;GLB1L;STK16;STK16	0.0169139	1.13327448540117	0.0891450630253458
cg20747266	6	142409507	NMBR	0.0423351	0.262735331483575	0.0891450630253458
cg05279076	8	103666388	KLF10;KLF10;KLF10;KLF10	0.00555489	0.305705893719144	0.0891450630253458
cg10099795	21	16681618		-0.038726	-0.133699303285653	0.0891450630253458
cg01039083	2	241857215		0.00958469	0.0144054676402346	0.0891450630253458
cg20275133	1	1342361	MRPL20	0.0137911	0.624307346557911	0.0891450630253458
cg01779740	8	142366708	GPR20	-0.0077299	-0.0115213097564728	0.0891450630253458
cg04179482	20	34360400	PHF20	0.0050403	0.41572363706409	0.0891450630253458
cg07831032	1	46629507		-0.0649677	-0.155546747282263	0.0891450630253458
cg07702644	19	43936935		-0.0508455	-0.0892774006246176	0.0891450630253458
cg09209803	6	33588932	ITPR3	0.0152452	0.543450045840447	0.0891450630253458
cg18696576	6	34203630	HMGA1;HMGA1;HMGA1;HMGA1	0.0251394	0.307998476214534	0.0891450630253458
cg04123995	17	71308339	CDC42EP4	0.0235	0.947052857694835	0.0892354232776816
cg01540571	1	15911089	AGMAT	0.0227149	0.805879183222799	0.0892394796681224
cg02884346	4	6271501	WFS1;WFS1	0.0315346	0.987549557150615	0.0892881772254871
cg19039291	17	7229608	NEURL4;NEURL4	-0.0107414	-0.0158829771309281	0.0893452120997153
cg25135778	20	60736870	SS18L1;SS18L1;SS18L1;SS18L1	0.00802356	0.0118744556397144	0.089383640806762
cg24061931	15	75654619	MAN2C1;MAN2C1;MAN2C1;MAN2C1	-0.0235554	-0.0363803361138928	0.0894124719428491
cg10992925	3	50192260	SEMA3F	0.024019	0.45032402828694	0.0894332128871207
cg04524552	19	4670575	C19orf10	0.0241565	0.612758894518592	0.0894332128871207
cg08866760	8	123793830	ZHX2	0.00882801	0.449200257944127	0.0894332128871207
cg10036402	14	77787255	POMT2;GSTZ1;GSTZ1;GSTZ1;GSTZ1	0.0345778	0.265325466534982	0.0894332128871207
cg07495177	10	88740955	AGAP11	-0.0584936	-0.166011755842338	0.0894332128871207
cg16508623	12	102271114	DRAM1;DRAM1	0.0102659	0.963921617193752	0.0894706937839015
cg08184047	17	79849980	ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;ANAPC11;THO	0.0264166	0.727305381612241	0.0895139620795204
cg08114293	3	10028395	TMEM111;TMEM111	0.0103273	0.365282388224807	0.0895139620795204
cg09510269	6	30292743	HCG18;HCG18	-0.0434588	-0.0711123862581692	0.0895139620795204
cg09514401	8	72988022	TRPA1	0.0133084	0.314737746246823	0.0895139620795204
cg23749739	3	183979443	ECE2;CAMK2N2	0.00979796	0.455280706977219	0.0895139620795204
cg07924079	2	197504206	CCDC150	0.0132508	0.429347382087542	0.0895159799186584
cg13416901	9	136019673	RALGDS	0.0180962	0.853767413144674	0.0895159799186584
cg18573884	12	51639577	SMAGP;SMAGP;DAZAP2	0.00571346	0.00840682410507371	0.0895374210148951
cg23813012	1	14026482	PRDM2	0.00608188	0.422462301042458	0.0895452503693674
cg14632335	2	70882265		-0.0203802	-0.031698087326582	0.0895452503693674
cg19071293	17	7765793		-0.0662549	-0.11610280098628	0.0895452503693674
cg11996632	16	70284893	EXOSC6;EXOSC6	0.0125357	0.860253620006769	0.089554978030876
cg14853922	1	179051253	TOR3A;TOR3A	0.0234908	0.988130147996323	0.089554978030876
cg08496100	14	103655428	LINC00605	0.0223012	0.507761598128574	0.089587485225354
cg19422250	15	41086034	DNAJC17	-0.0666096	-0.137938689353172	0.0896210217151902
cg27629898	8	142070851		-0.0196572	-0.0312438163555979	0.0896210217151902
cg21012729	14	51297401	NIN;NIN;NIN	0.0378978	0.63093522547691	0.0896210217151902
cg13944275	9	140024112		0.00558581	0.406131831157119	0.0896210217151902
cg19831545	1	198076518		-0.0248574	-0.0381393893943132	0.0896575234009509
cg14928667	9	4679457	CDC37L1-AS1;CDC37L1-AS1;CDC37L1	0.00280732	0.343026019310008	0.0896575234009509
cg03781505	17	16310359		0.0227022	0.673632877400796	0.0896575234009509
cg19821527	1	220375253	RAB3GAP2;SNORA36B	-0.0890064	-0.169627759273318	0.0896575234009509
cg09214759	10	5328293		-0.105813	-0.221135004207985	0.089702595356346
cg00771688	2	120124593	C2orf76;DBI;DBI;DBI;DBI	0.0117639	0.462552856977606	0.089702595356346
cg18552663	20	388903	RBCK1;RBCK1;RBCK1;RBCK1	-0.00331404	-0.337423753836614	0.089702595356346
cg03477080	3	46448920	CCRL2;CCRL2;CCRL2	0.0245039	0.60536131642699	0.089702595356346
cg13189086	15	23034679	NIPA2;NIPA2;NIPA2;NIPA2	0.015691	0.76488729001534	0.089702595356346
cg03356490	19	35605867	FXYP3;FXYP3;FXYP3;FXYP3;FXYP3;FXYP3;FXYP3;FXYP3	0.0464093	0.517418501573625	0.089702595356346
cg15630908	7	72041048	TYW1B	-0.0065032	-0.00965042413312846	0.0897141419069085
cg04876095	11	62296270	AHNAK;AHNAK	-0.0484057	-0.0783060631192003	0.0897913617174765
cg01791302	10	12386716		-0.0273726	-0.0428353380989886	0.0897913617174765
cg18328612	19	4676623	DPP9	0.00517628	0.00761640581129525	0.0898550015146941
cg22351824	22	24084185	ZNF70	-0.0593128	-0.162000256852345	0.0898550015146941
cg10258271	2	31361593	GALNT14	0.0240434	0.50008034899802	0.0898550015146941
cg06892384	5	84671738		-0.0351722	-0.277148525091371	0.0898550015146941
cg00208412	10	99609481	GOLGA7B	0.00745647	0.836775522597876	0.0898550015146941
cg22316269	4	571371		0.00865584	0.429121131278236	0.0898807013231869
cg11475510	22	30752584	SF3A1;SF3A1;CCDC157	0.0149317	0.557600644412581	0.0898981227194644
cg04929759	12	133016214		0.0443186	0.583351138439602	0.0899110251106411
cg02811627	14	103395368	AMN	0.0171068	0.353051097319935	0.0899110251106411
cg271715128	11	66824169	RHOD	0.00992061	0.557699839230153	0.0899193943829086
cg15326320	2	172967665	DLX2	0.00774018	0.570249253982562	0.0899218011791305
cg06035839	1	151119150	SEMA6C	0.00758489	0.554831571396892	0.0899460854241058
cg11896633	8	144816335	FAM83H	0.00679912	0.533979048498942	0.0899957490546553
cg00631837	22	45404212	PHF21B;PHF21B	0.0269475	0.391109137604856	0.0900323072548394
cg06323912	16	57481690	CIAPIN1;COQ9	0.00980501	0.394080990277095	0.0900335594097384
cg21250436	12	28570321	CCDC91	-0.0460345	-0.0766218192762251	0.0900335594097384
cg02964602	2	203130213	NOP58	0.0752825	0.152876415256774	0.0900645673396424
cg01301138	16	82660630	CDH13;CDH13	0.0174443	0.36818003493402	0.0900645673396424
cg02184643	11	10879647	ZBED5;ZBED5	0.0242083	0.636736560379956	0.0901762175075386
cg03285219	7	1499161	MICALL2	0.0141184	0.490779460139883	0.0901919697431964
cg10435123	12	111127010	HVCN1;HVCN1	-0.00370207	-0.287078820934078	0.0901919697431964
cg05751616	12	6652601	IFFO1;IFFO1;IFFO1	-0.066178	-0.122194200738404	0.0902472450974356

cg24756528	16	4466888	CORO7	0.0401841	1.35431194815326	0.0902609423751755
cg06435847	17	3562636	CTNS;CTNS	-0.0130218	-0.0196138950509004	0.0902672345691796
cg01224647	16	25115281	LCMT1-AS1	-0.0621152	-0.121414245636576	0.0902672345691796
cg0550371	3	49841167	C3orf54	0.0173444	0.697935622639103	0.0902672345691796
cg08522257	3	152879782	RAP2B	0.0134015	0.48171656479822	0.0902672345691796
cg22075671	5	133747798	CDKN2AIPNL	0.0105847	0.556025178229459	0.0902672345691796
cg07041883	5	76476158		0.0125934	0.536133812931479	0.0902672345691796
cg21401143	8	19171452	SH2D4A;SH2D4A;SH2D4A	0.0225114	0.577192282494582	0.0902672345691796
cg09571572	17	78010330	CCDC40;TBC1D16	0.00692833	0.501410686533137	0.0903046051667116
cg09818962	17	39822215		0.0127285	0.500705821789464	0.0903139475354995
cg17651140	1	40549220	PPT1;PPT1	-0.0168746	-0.0252953535772326	0.0903139475354995
cg16970804	5	43042108	LOC153684	0.00861057	0.581492771307386	0.090386873972164
cg18963377	6	167316609	RPS6KA2-AS1	0.0105852	0.0157964099072482	0.0904708299857034
cg17090968	12	46663694	SLC38A1;SLC38A1	0.00888481	0.3194143011765225	0.0904915605356414
cg21561038	10	21462743	NEBL-AS1;NEBL-AS1;NEBL;NEBL	0.0225576	0.972798763316392	0.0904915605356414
cg14471727	14	97263643	VRK1	0.0220367	0.471772229095459	0.090548874623423
cg01538984	7	140396422	LOC100134713;NDUFB2	0.0113637	0.483280669183773	0.090548874623423
cg11083503	10	118508385		-0.054397	-0.107211260511199	0.090548874623423
cg21737632	10	65281095	REEP3	-0.0353494	-0.442650488267473	0.090548874623423
cg14021555	22	43485536	TTL1;TTL1	0.0173863	0.517045574367343	0.0905661510222531
cg11113103	19	49122630	RPL18;RPL18;RPL18;RPL18;SPHK2;SPHK2;SPHK2;SPHK2;SPHK2;SPHK2;RPL	0.0288027	0.973889138784344	0.0905763321411287
cg18209104	1	14893756		-0.0325058	-0.0523062273549708	0.0905763321411287
cg27540114	14	61189963	SIX4	0.00585273	0.326416693037619	0.0906055321290435
cg25631940	20	43589250	TOMM34	0.006369	0.375830443582782	0.0906055321290435
cg03540175	3	49236946	CCDC36;CCDC36;CCDC36	0.0639354	0.398502278536853	0.090627055133043
cg13743031	4	178231244	NEIL3	0.00667902	0.301893496514918	0.090627055133043
cg18714585	12	123868665	SETD8	0.0328051	0.65817420479791	0.090627055133043
cg09463890	4	37960795	PTTG2;TBC1D1	-0.0532027	-0.10900392899386	0.090627055133043
cg06630141	5	133862209	JADE2;JADE2;JADE2;JADE2	0.011873	0.450522274477115	0.090627055133043
cg01379428	5	180690432	TRIM52-AS1;TRIM52-AS1;TRIM52-AS1;TRIM52-AS1	-0.0543412	-0.0927053804116839	0.090627055133043
cg06202686	2	170336108	BBS5	0.00988799	0.46130756875688	0.090627055133043
cg16754864	2	96194596		-0.0179942	-0.0270634005272081	0.090627055133043
cg18483269	19	11849691	ZNF823;ZNF823	0.00576264	0.376976251134755	0.090627055133043
cg03933646	1	55317098	DHCR24	-0.00663669	-0.00980261003645949	0.090627055133043
cg15803261	12	11049876	PRH1-PRR4;PRH1;PRH1	-0.0406528	-0.0685927257379446	0.090627055133043
cg15677368	1	245133209	EFCAB2;EFCAB2;EFCAB2;EFCAB2;EFCAB2;EFCAB2	0.0365588	0.360627849583909	0.090627055133043
cg10209223	2	3523546	ADI1	0.00750741	0.497055329712522	0.090627055133043
cg10073303	12	123718004	C12orf65;C12orf65;C12orf65;MPHOSPH9;MPHOSPH9;C12orf65	0.0193268	0.822434352161164	0.090627055133043
cg09843573	11	133797846	IGSF9B	0.026912	0.633021424478584	0.090627055133043
cg15426734	16	67695272	PARD6A;ACD;ACD;PARD6A;ACD	0.0217664	0.479958317091918	0.090627055133043
cg04647948	2	206950423	INO80D	0.012844	0.444301651235364	0.090627055133043
cg09172043	10	101025916		-0.0461407	-0.0841347603698404	0.090627055133043
cg15735388	4	89788656	FAM13A	-0.0429771	-0.0705344307343358	0.090627055133043
cg07326720	5	35614133		-0.0483159	-0.0957960738890387	0.090627055133043
cg19357918	11	63953256	STIP1	0.0170446	0.809340783609111	0.090627055133043
cg09516144	16	15982637	C16orf63	0.0104131	0.595289380028636	0.0906625193107016
cg247011257	7	73097740	WBSCR22;DNAJC30	0.0135328	0.581450901979867	0.0906625193107016
cg18293298	3	10053022	LOC401052	0.012345	0.431199817416152	0.0906625193107016
cg20994084	17	79269488	SLC38A10;SLC38A10	0.0137577	1.47901351876957	0.0906625193107016
cg01772700	19	56904442	ZNF582	-0.0473011	-0.147846031960213	0.0906625193107016
cg25098497	12	13254403	GSG1;GSG1	0.00432158	0.270244784333381	0.0907011818065967
cg14732699	8	128750039	MYC	0.0220367	0.594101175618182	0.0907011818065967
cg07304114	20	32309023	PXMP4;PXMP4	0.00698195	0.0103979250493127	0.0907651646858184
cg13956914	16	75600119	GABARAPL2	0.0323995	1.09535402912993	0.0907651646858184
cg08721076	2	172967670	DLX2	0.00347544	0.353647396323012	0.0907651646858184
cg00823789	12	124001205	RILPL1	-0.0728208	-0.135286242978773	0.0907904666266143
cg09932730	7	135198360		-0.0615297	-0.119469733514989	0.0907970210421057
cg21463790	7	14025907	ETV1;ETV1;ETV1;ETV1;ETV1;ETV1;ETV1;ETV1;ETV1	-0.0378508	-0.0645613065241993	0.0907970210421057
cg20557595	14	45381239		0.0504605	0.245267700704839	0.0907970210421057
cg00852573	6	73331405	KCNQ5;KCNQ5;KCNQ5;KCNQ5;KCNQ5	0.0356088	1.50847572051294	0.0907970210421057
cg06820859	13	21564784	LATS2	-0.026086	-0.0409398256156025	0.0907970210421057
cg01173563	15	73027500	BBS4;BBS4;BBS4;BBS4	0.013642	0.0211837781945181	0.0907970210421057
cg22860780	7	48128351	UPP1;UPP1	0.0209302	0.480281322971092	0.0907970210421057
cg00350409	1	38354007	INPP5B;INPP5B;INPP5B;INPP5B	0.0105846	0.0160875338857157	0.0907970210421057
cg01896926	17	685509	GLOD4;GLOD4;RNMTL1	0.0295923	1.27690720842614	0.0907970210421057
cg25984791	11	108535797	DDX10	0.010009	0.431877211691899	0.0907970210421057
cg13654902	19	38853053	CATSPERG	0.0650196	1.27167914817665	0.0907970210421057
cg10628818	1	38100255	RSPO1;RSPO1	0.012648	0.285556145723062	0.0907970210421057
cg21841682	14	69445844	ACTN1;ACTN1;ACTN1;ACTN1;ACTN1	0.0126227	0.856297785312806	0.0908179133432813
cg25809066	19	58962741	ZNF324B	0.0151833	0.551129613497316	0.0908179133432813
cg15695045	1	204330069	PLEKHA6	-0.133814	-0.264596282317313	0.0908179133432813
cg1582100	2	171673207	GAD1;GAD1;GAD1;GAD1	0.00238725	0.288746415404093	0.0908179133432813
cg26115218	3	149756649		-0.0166513	-0.0257113235964344	0.0908179133432813
cg01181817	3	49941376	MST1R	0.00665833	0.604988364419163	0.0908179133432813
cg08554936	19	46519866	CCDC61	0.0302985	0.76424603553246	0.0908179133432813
cg11888151	22	21272339	CRKL	0.00477918	0.506321707231244	0.0908179133432813
cg23587044	3	196777478	DLG1;DLG1;DLG1;DLG1;DLG1	-0.115322	-0.327651350252905	0.0908675146196271
cg11726911	1	6211420	CHD5	0.018656	0.572196649779756	0.0908675146196271
cg23517677	11	62528272	POLR2G	-0.0298919	-0.0457578868862335	0.0908675146196271
cg25009629	6	41748519	FRS3;PRICKLE4;PRICKLE4	0.0230464	0.838642369727285	0.0909180766285681
cg08616681	16	718778	RHOT2	0.0294615	0.429907326735942	0.0909180766285681
cg23829577	6	160183769	ACAT2	0.0120205	0.599659922292844	0.0909180766285681

cg07090470	3	43437351	ANO10;ANO10;ANO10;ANO10;ANO10	-0.0381264	-0.062759497916456	0.0909180766285681
cg04977109	17	46125622	NFE2L1	0.0255535	0.994010442747188	0.0909180766285681
cg14266436	19	34302242	KCTD15;KCTD15;KCTD15	-0.0436332	-0.0720338003432369	0.0909180766285681
cg11128799	2	42721159	KCNG3;KCNG3;MTA3;KCNG3;KCNG3	0.0410464	0.142134951470348	0.0909180766285681
cg24083067	19	48972665	CYTH2;CYTH2;CYTH2;CYTH2	0.0195399	0.708152850819588	0.0909180766285681
cg17524151	16	475494	RAB11FIP3	0.0225701	0.831619308960316	0.0909622749539427
cg09481234	17	8013680	ALOXE3;ALOXE3	0.0295715	0.450885535546941	0.0909622749539427
cg22136703	16	2255607	MLST8;MLST8;MLST8;MLST8	0.0217289	0.561042207780257	0.0909622749539427
cg09662051	2	162164883	PSMD14;PSMD14	0.00473581	0.34871376231168	0.0909622749539427
cg19287103	12	7055672	PTPN6	0.0143012	0.428601945313993	0.0909622749539427
cg21724010	6	164990879		-0.056111	-0.145089689602394	0.0909622749539427
cg24072640	20	48291209	B4GALT5	-0.0946469	-0.181448052457411	0.0909622749539427
cg02280021	10	134808594		-0.0114874	-0.0170875588986747	0.0909622749539427
cg25023275	18	35146450	BRUNOL4;BRUNOL4;BRUNOL4;BRUNOL4	0.0139402	0.319112821936367	0.0909622749539427
cg27590781	2	152266272	RIF1	0.00476435	0.398264321947668	0.0909622749539427
cg00574251	2	164965991		-0.0327128	-0.0518636098685364	0.0909622749539427
cg18635645	1	85667791	SYDE2	0.00840205	0.32373197045284	0.0909622749539427
cg03309421	7	32535387	LSM5;AVL9;LSM5	0.0222	0.667292660228334	0.0910017133229697
cg17389835	19	46147025	EML2;EML2	0.0136172	0.661453203578696	0.0910017133229697
cg05289466	19	5057455	KDM4B	-0.0520533	-0.0930785053363667	0.0910017133229697
cg03868679	2	160595278	MARCH7;MARCH7;MARCH7;MARCH7	-0.0697049	-0.180081163733322	0.0910017133229697
cg12994587	22	41777817	TEF;TEF	0.0365332	0.889545876706796	0.091005024436104
cg06467674	4	159315123		-0.0380307	-0.0704208894072944	0.091005024436104
cg23499823	11	507502	RNH1;RNH1;RNH1;RNH1;RNH1;RNH1;RNH1	0.01829	0.701056554128925	0.091005024436104
cg03521358	1	9242937		0.0195668	0.448409532283678	0.091005024436104
cg09238957	16	46723420	ORC6L;VPS35	0.0303459	1.12074490834003	0.091005024436104
cg15893127	1	153756397		0.0139728	0.427767254112897	0.091005024436104
cg13914708	2	15804963		-0.0128349	-0.0194393878993528	0.091005024436104
cg21809257	1	154955635	FLAD1;FLAD1	0.00361625	0.26393203057552	0.091005024436104
cg16057435	5	75912664	F2RL2;IQGAP2	-0.0376022	-0.0612158583995704	0.091005024436104
cg04106948	2	104408389		-0.0392635	-0.0751924901014443	0.091005024436104
cg11992550	15	89533607		-0.0875043	-0.193949580581377	0.091005024436104
cg22555392	3	50649683	CISH;CISH	0.0034021	0.283806629054701	0.091005024436104
cg06657142	10	123357993	FGFR2;FGFR2;FGFR2;FGFR2;FGFR2	0.0163639	0.38668401095626	0.091005024436104
cg07190698	4	331458	ZNF141	0.0139708	0.64537351703444	0.091005024436104
cg23167456	1	27942186	FGR;FGR;FGR	0.00206031	0.00302582984556791	0.0910898520296624
cg26600181	4	7105115	FLJ36777	0.0165686	0.623311509406897	0.0911305496711236
cg07318284	4	154170590	TRIM2;TRIM2	-0.00442221	-0.272247935073215	0.0911305496711236
cg09629119	3	71547974	FOXP1;FOXP1;FOXP1;FOXP1;FOXP1	-0.0333791	-0.0529668284216774	0.0911305496711236
cg21028463	17	74733682	MIR636;SFRS2;MFSD11	0.0419539	1.08290613232277	0.0911305496711236
cg01683883	16	66613053	CMTM2	0.0176762	0.652362151782283	0.091133585834963
cg16344026	5	149109979	PPARGC1B	0.0327061	0.597119350741966	0.091133585834963
cg20366603	17	7218821	GPS2	0.0159375	0.40943808044475	0.091133585834963
cg00391018	13	49049400	RB1	-0.0341669	-0.05289780555932	0.0911715026045264
cg27268717	7	56032047	GBAS	0.0124652	0.516629012306463	0.0911724132407382
cg21066720	6	32966587		-0.0159653	-0.0244203454446546	0.0911750795028031
cg20526663	16	22385655	CDR2;CDR2	0.0102539	0.397866286995331	0.0912114975110082
cg09286909	1	213031599	FLVCR1-AS1;FLVCR1-AS1;FLVCR1;FLVCR1	0.00984548	0.685187971894209	0.09121703006949
cg07934232	19	36619082		0.0177086	0.84149487622946	0.0912179761210085
cg01496602	7	156263586		-0.0351489	-0.0572389093903584	0.0912305539694855
cg00290498	5	1230850	SLC6A18	-0.0322519	-0.0523115662260083	0.0912305539694855
cg01321158	16	31128800	MYST1;MYST1	0.0210209	0.936964083093458	0.0912357120677123
cg17896927	15	93617030	RGMA;RGMA;RGMA;RGMA;RGMA;RGMA	0.0357242	0.489848679098688	0.0912357120677123
cg20655434	11	67159118	LOC100130987;RAD9A	-0.00196301	-0.273133077448879	0.0912357120677123
cg04409495	17	38083144	ORMDL3	0.014484	0.653615811025692	0.0912357120677123
cg08112354	14	105452552	C14orf79	0.0148657	0.7596126969899312	0.0912357120677123
cg21809762	11	94702500	CWC15	-0.017885	-0.026979992014506	0.0912357120677123
cg17872999	7	104653783	MLL5;LOC100216545;MLL5	0.0075214	0.53852431797974	0.0912357120677123
cg20487890	1	185402344		-0.0624233	-0.104820846172299	0.0912357120677123
cg03710353	5	1491489	LPCAT1	0.0175982	0.0271833305169448	0.0912357120677123
cg24266670	11	115630629		0.0330205	0.577637797104943	0.0912357120677123
cg24632597	12	121648093	P2RX4	0.00937731	0.617982355521267	0.0912357120677123
cg26922444	6	24911204	FAM65B	0.0271162	0.53156073615019	0.0912379497460371
cg10458392	19	3600539	TBXA2R;TBXA2R	-0.0382267	-0.0650391571357224	0.091500197675576
cg11065931	1	89487064	GBP3	-0.0843303	-0.231955325241039	0.091546023514121
cg07261517	22	20105424	RANBP1;TRMT2A;TRMT2A	0.00722251	0.478415826032103	0.091546023514121
cg13840089	9	80201784	GNA14	-0.0435847	-0.0732890116915495	0.091546023514121
cg01769392	6	169286420		-0.0360021	-0.0651291554626421	0.091546023514121
cg11755740	8	9413382	TNKS	0.0113874	0.709383650034987	0.091546023514121
cg11217574	12	56522261	ESYT1	0.00875956	0.509459233398196	0.091546023514121
cg05002732	11	19262474	E2F8;E2F8	0.0113302	0.388847343869853	0.091546023514121
cg24450312	1	206681158	RASSF5;RASSF5	0.0270271	0.587785271475057	0.0915586925899091
cg10480748	5	176730599	RAB24;RAB24;RAB24;RAB24;RAB24;RAB24;PRELID1;PRELID1	0.00831445	0.640943503160943	0.0915586925899091
cg04966789	14	35591779	PPP2R3C;KIAA0391;KIAA0391	0.0127574	0.557141669541884	0.0916396353278088
cg02002281	11	66053209	YIF1A;YIF1A;YIF1A;YIF1A	0.0159951	0.0242269332593648	0.0916560153278113
cg02620388	7	100271115	GNB2	0.00698103	0.414424913073269	0.0916560153278113
cg12542506	16	58133216		-0.00558149	-0.00820250317866611	0.0917033076388215
cg03909721	19	3512684	FZR1	0.012279	0.0192574423896919	0.0917691562909892
cg17951368	11	17298273	NUCB2	0.00619459	0.354976615508115	0.0917691562909892
cg10668512	15	42565522	GANC;TMEM87A;TMEM87A	0.0218945	0.540799638595639	0.0917691562909892
cg00504756	16	74330795	PSMD7;PSMD7	0.0370362	0.96953735566908	0.0917691562909892
cg15000794	7	86849844	C7orf23	0.0121189	0.690090082947626	0.0917691562909892

cg21969990	20	36852920	KIAA1755	-0.0815806	-0.170322989219672	0.092714281170691
cg07199894	12	132379104	ULK1	0.0611781	0.282034947934652	0.092714281170691
cg14732136	17	66031828	KPNA2	0.0208485	1.15848928380308	0.092714281170691
cg23185402	16	47495113	PHKB;PHKB;ITFG1	0.00639299	0.550825023683847	0.092714281170691
cg21677767	7	138227378	TRIM24;TRIM24	-0.0495865	-0.0869567648289732	0.092714281170691
cg21229103	9	140738145		-0.0274885	-0.0425576881100855	0.092714281170691
cg06616408	5	92926504	NR2F1;MIR548AO	-0.0583091	-0.167597544957636	0.092714281170691
cg25406779	19	40732712	CNTD2	0.0191783	0.310527859795983	0.092714281170691
cg12158389	1	38230244	EPHA10;EPHA10	0.0251118	0.531770136120337	0.092714281170691
cg09813341	12	122665500	LRRC43	-0.109237	-0.221052576309218	0.092714281170691
cg19749898	11	1712765	HCCA2	-0.0261742	-0.0411433976926592	0.092714281170691
cg08782481	6	27839916	HIST1H3I	0.0672372	0.46765271345902	0.092714281170691
cg09932345	1	1710561	NADK	0.0156647	0.920641035327018	0.092714281170691
cg23473088	12	54529138		-0.0133363	-0.0199357123476128	0.092714281170691
cg11877270	2	65658583	SPRED2	0.0352277	1.19762395540624	0.092714281170691
cg14561881	17	62503076	CCDC45;DDX5	0.0125157	0.525847482423603	0.0928474024784932
cg05744193	2	201828499	ORC2;ORC2	0.0222355	0.852093842548394	0.0928562390610881
cg22956310	2	25142878	ADCY3	0.0109171	0.428381518877687	0.0928595676565089
cg07320742	7	27844237	TAX1BP1;TAX1BP1;TAX1BP1;TAX1BP1	-0.0621897	-0.117278634412371	0.0928595676565089
cg02140403	20	17711766	BANF2;BANF2;BANF2	-0.0272418	-0.0423037217599701	0.0928595676565089
cg21267291	20	17549945	DSTN;DSTN;BFSP1	0.0153579	0.370886281969472	0.0928595676565089
cg26034219	15	59887797		-0.0259782	-0.0466184068517873	0.0928595676565089
cg06948384	14	102504676	DYNC1H1	-0.0280954	-0.0431952639091703	0.0928595676565089
cg15793624	1	201476495	CSRP1;CSRP1;CSRP1	0.0371184	1.42378490240184	0.0928595676565089
cg24088279	16	69155473	CHTF8;CHTF8;CHTF8	-0.042511	-0.0709978896267638	0.0928595676565089
cg03399170	20	19719632		-0.0356959	-0.0627116430060074	0.0928595676565089
cg15798823	7	22866267		-0.0344405	-0.0564363851738888	0.0928595676565089
cg11342046	2	242641489	ING5	0.0158946	0.603734784046696	0.092912792216469
cg10643407	5	131892523	RAD50;RAD50	0.00968752	0.31775167463574	0.092912792216469
cg15572423	6	30307205	TRIM39;TRIM39	-0.0879835	-0.158285640623321	0.092912792216469
cg05349650	16	20753199	THUMP1	0.0169613	0.760684859907776	0.092912792216469
cg24108888	6	32849992		-0.0850822	-0.174571496457207	0.092912792216469
cg13710842	5	72251735	FCHO2;FCHO2	0.0203479	0.928696584108214	0.092912792216469
cg02727444	19	12175631	ZNF844;ZNF844	0.0244625	0.655864133452548	0.092912792216469
cg05479174	12	132239000	SFRS8	-0.0149635	-0.0224258488777245	0.092912792216469
cg11328704	5	108063900		0.0074796	0.460678561404129	0.092912792216469
cg13650683	14	44010797		-0.0719523	-0.13241010388866	0.092912792216469
cg23154002	22	31741741	PATZ1;PATZ1;PATZ1;PATZ1;PATZ1;PATZ1;PATZ1;PATZ1	0.00417673	0.474092750681754	0.0929196388773307
cg02655287	4	1006115	FGFRL1;FGFRL1;FGFRL1	0.0167927	0.520439172793701	0.0929273445128552
cg01316323	22	26946742	TPST2;TPST2	-0.0287168	-0.0461091498589716	0.0929385374382797
cg18011274	17	43213270	ACBD4;ACBD4;ACBD4;ACBD4;ACBD4;ACBD4;ACBD4;ACBD4;ACBD4	0.0107513	0.440599589502567	0.0930855909060635
cg16324018	2	85580627	ELMOD3;ELMOD3;ELMOD3;RETSAT;ELMOD3	-0.0230978	-0.0357062866685709	0.0930951112393189
cg18473033	17	47653564	NXP3;NXP3	0.0307732	0.983208595167649	0.0931034652900766
cg21251646	6	31772441	2,00 LSM	-0.0511745	-0.119448880487942	0.0932137136222129
cg11216682	2	131113867	PTPN18;PTPN18	0.0438463	0.377010810093872	0.0932460828570672
cg16458021	21	43430507	ZNF295;ZNF295;ZNF295	0.0144788	0.824416971062606	0.0933407762620055
cg13991635	5	131133339	FNIP1;FNIP1	0.00942578	0.394800661286533	0.0933407762620055
cg03630344	1	7831156	VAMP3	0.00337721	0.267688188861655	0.0933407762620055
cg08177439	3	186284992	TBCCD1;TBCCD1;TBCCD1	0.0265939	1.11028443237073	0.0933407762620055
cg00145284	1	58852326		-0.0710099	-0.116976229698956	0.0933407762620055
cg13406896	2	10220712	CYS1	0.0301403	0.463221488095486	0.0933407762620055
cg14229774	1	179198798	ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2	0.00912094	0.390466945830393	0.0933407762620055
cg17613375	17	55162322	AKAP1	0.0217997	0.722263495203747	0.0933407762620055
cg17960516	4	3465004	DOK7;DOK7	0.0149192	0.435320458425441	0.0933407762620055
cg097711049	17	66031798	KPNA2	0.0396895	0.972549910105994	0.0933407762620055
cg06468068	2	147479064		-0.0227966	-0.0389602844600166	0.0933407762620055
cg06741536	12	69005242	RAP1B;RAP1B	0.0102886	0.432154447731189	0.0933407762620055
cg04059937	8	144699788	TSTA3	0.00896429	0.401597629444575	0.0933407762620055
cg08486060	5	180471692	MIR8089;BTNL9;BTNL9	-0.0249334	-0.0430156492200306	0.0933407762620055
cg19358590	6	158654166		0.0071684	0.395390065507757	0.0933407762620055
cg26425064	1	185290981		-0.0305835	-0.048924352931069	0.0933407762620055
cg17237320	3	10053000	LOC401052	0.0250155	0.434060515374166	0.0933407762620055
cg26290391	8	57672069		0.00532672	0.00799606846261881	0.0933407762620055
cg09870092	9	80938588	PSAT1;PSAT1	-0.046599	-0.0767168699346119	0.0933495251333379
cg16240572	3	134204857	CEP63;CEP63;ANAPC13;CEP63;ANAPC13;CEP63;ANAPC13;CEP63;ANAPC13;CEP63	0.00753514	0.561476500402097	0.0934607790344545
cg14375282	17	25981923		0.00887243	0.465012428036427	0.093500085517567
cg26963271	1	66259081	PDE4B;PDE4B	0.00729294	0.449798586278492	0.0935815529244265
cg18362448	19	18544419	SSBP4;SSBP4	0.0516041	0.210878722657714	0.0935815529244265
cg06775669	7	101582572	CUX1;CUX1;CUX1;CUX1;CUX1;CUX1	-0.0512868	-0.082297586286271	0.0935815529244265
cg10348193	7	150020240	LRRC61;ACTR3C;LRRC61	0.0267235	0.40884905254101	0.0935935084180323
cg16523805	16	31076912	ZNF668;ZNF668;ZNF668;ZNF668	-0.0451869	-0.0823445685386629	0.0935935084180323
cg21843902	17	73847414	WBP2	0.00393767	0.00581366443742289	0.0935935084180323
cg15975865	2	127413831	GYPC;GYPC;GYPC;GYPC	0.00332133	0.243668113147245	0.0935935084180323
cg21705104	2	75144561	LINC01291	-0.0121308	-0.0182284182553724	0.0935935084180323
cg01072217	7	1275483	UNCX	0.0331815	0.949574226388947	0.0935935084180323
cg02274500	22	31064092	DUSP18	0.0105036	0.560766296494127	0.0935935084180323
cg12980000	3	191035318	UTS2D	-0.0127957	-0.0194254144316437	0.0935935084180323
cg04147657	18	47007789	C18orf32;C18orf32;RPL17-C18orf32;RPL17-C18orf32	-0.0332563	-0.0525194694301382	0.0935935084180323
cg14723664	6	34164073		0.0161936	0.73987912998244	0.0935935084180323
cg04811762	6	150039439	LATS1	0.0127232	0.435168171000494	0.0935935084180323
cg12331743	10	104153933	NFKB2;NFKB2;NFKB2	0.0158576	0.432220611494856	0.0936659888660074
cg01506492	2	219232590	C2orf62	0.011285	0.382524722291908	0.09368062038421

cg06177407	11	65382100	MAP3K11	0.00986881	0.596911549565297	0.0941319734882328
cg14398946	9	132258775		0.0242788	0.616805589536861	0.0941319734882328
cg07095995	4	110223980	COL25A1;COL25A1	0.00642541	0.246813525389689	0.0941319734882328
cg08153345	12	2862084		0.0140692	0.676189203591728	0.0941319734882328
cg06840699	14	23058112	DAD1;DAD1	-0.00168486	-0.25211547433813	0.0941319734882328
cg21548772	3	47422338	PTPN23	0.0103198	0.657361061017372	0.0941319734882328
cg16218980	15	93631991	RGMA;RGMA	0.021678	0.882344459667338	0.0941319734882328
cg23853020	9	134141052	FAM78A	-0.0740889	-0.146989034541215	0.0941319734882328
cg03217460	11	70117060	PPF1A1;PPF1A1	0.0109866	0.371872308848139	0.0941319734882328
cg06557577	12	56220139	DNAJC14	-0.0322449	-0.0505966883295371	0.0941319734882328
cg07061692	19	59010811	SLC27A5	0.0101816	0.606962955787493	0.0941319734882328
cg04051690	2	95825276	ZNF514	0.0126393	0.522706237308925	0.0941319734882328
cg24275354	2	240964415	NDUFA10	0.00876001	0.539664635093064	0.0941319734882328
cg12856612	22	42228819	SREBF2	0.0105632	0.584337760807839	0.0941319734882328
cg01606127	8	61588765		-0.0226692	-0.0349165667073932	0.0941742530850551
cg11236850	4	8443022	ACOX3;ACOX3	0.0173265	0.731677274250301	0.0941742530850551
cg00533749	1	9992130	LZIC	-0.0634347	-0.121933508905673	0.0941742530850551
cg19642128	8	2624703	BNIP3L	0.0310462	1.06773644847556	0.0941742530850551
cg04023028	11	60681612	TMEM109;TMEM109	0.0101589	0.700645049679181	0.0941742530850551
cg11063256	19	52511428	ZNF615;ZNF615;ZNF615;ZNF615	0.0143605	0.418515800747818	0.0941764782362578
cg00332680	10	74079303		0.0138279	0.661390057666328	0.0941764782362578
cg05258261	3	140770608	SPSB4	0.0276137	0.701572246027919	0.0941764782362578
cg17373321	8	21999520	REEP4;REEP4	0.0156194	0.624189990860204	0.0942029584494113
cg01808603	16	66408919	CDH5	-0.0472088	-0.0813903557864951	0.0942029584494113
cg00503587	20	18118441	PET117	0.0147785	0.973720535758548	0.0942029584494113
cg23233137	6	42532021	UBR2	0.00991221	0.5111795829917619	0.0942029584494113
cg23170588	7	100161127	AGFG2	0.00697325	0.0103395773931544	0.0942029584494113
cg11281907	9	77948925		-0.0355748	-0.060683606416549	0.0942029584494113
cg09588492	16	25266553	ZKSCAN2	-0.0153155	-0.0243913558438142	0.0942029584494113
cg12216772	10	46164062	ANUBL1;ANUBL1	-0.0927574	-0.167293276308685	0.0942029584494113
cg09662431	10	73975914	ASCC1;C10orf104	0.0107943	0.385105024888405	0.0942029584494113
cg24502682	10	22634192	SPAG6;SPAG6;SPAG6;SPAG6	0.022571	0.340490258313517	0.0942029584494113
cg02854490	7	144108266		-0.0475194	-0.0785462169430961	0.0942029584494113
cg00281153	16	75682798	TERF2IP;KARS;KARS	0.0205808	0.250894205731629	0.0942029584494113
cg02311181	19	14180847		-0.0219994	-0.034079045933374	0.0942029584494113
cg07344583	15	89456631	MFGE8;MFGE8;MFGE8;MFGE8	0.0141302	0.800204815005168	0.0942029584494113
cg16538178	16	85647585	KIAA0182;KIAA0182	0.0237435	0.634619327428556	0.0942029584494113
cg10009297	17	34890195	MYO19;MYO19;MYO19;PIGW	0.0181645	0.663507843786797	0.0942029584494113
cg14944395	17	53898959	MIS12;MIS12;MIS12;MIS12;MIS12;MIS12;MIS12;DERL2;DERL2;DERL2;DERL2	0.0366884	1.1668480450521	0.0942029584494113
cg09950479	7	80610724		-0.0679747	-0.132318091878035	0.0942029584494113
cg10055227	16	58768320	GOT2	0.0257212	0.600533289621663	0.0942029584494113
cg03771121	16	8962586	CARHSP1;CARHSP1	0.004641	0.306121829574271	0.0942029584494113
cg11808885	21	46438743		0.0130681	0.382354882255387	0.0942029584494113
cg13722539	11	64085131	PRDX5;PRDX5;TRMT112;PRDX5	0.00593804	0.40647328715405	0.0942029584494113
cg21123913	4	89513664	HERC3;HERC3	0.0280158	0.64374571361161	0.0942029584494113
cg24689245	11	75479679	DGAT2	0.00443615	0.334026815861528	0.0942029584494113
cg03754180	13	37494042	SMAD9;SMAD9	0.00777242	0.462376695262537	0.0942029584494113
cg10265095	19	51699773		-0.0164252	-0.0260921799165877	0.0942029584494113
cg01879556	21	43932043	SLC37A1	-0.0288269	-0.047430768774293	0.0942029584494113
cg16739583	2	216476434	LINC00607	-0.0151915	-0.0243291701506648	0.0942029584494113
cg17018976	3	239036	CHL1;CHL1;CHL1	0.0554454	0.27734024278149	0.0942029584494113
cg25991122	5	179246250	SQSTM1;SQSTM1	0.0115493	0.372253613037197	0.0942029584494113
cg14170756	1	16563782	C1orf89	0.00342375	0.408866859540687	0.0942029584494113
cg04372675	8	107283146	OXR1	0.0185447	0.510015571407564	0.0942029584494113
cg07062933	8	134309859	NDRG1;NDRG1	0.0313029	0.713002855635746	0.0942029584494113
cg10367730	10	120938495	PRDX3;PRDX3	-0.0114261	-0.280327474319605	0.0942029584494113
cg06627580	7	6630016	C7orf26;C7orf26	0.0191523	0.278120662424037	0.0942029584494113
cg18675644	2	61634300	USP34	-0.0538897	-0.0871063811774781	0.0942089396365906
cg13372487	8	37685049	GPR124	0.00642548	0.00972792281931042	0.0942089396365906
cg03871887	1	182295580		-0.0152577	-0.023758936414277	0.0942512511864926
cg07800627	5	155916319	SGCD;SGCD;SGCD	-0.0835908	-0.17057147875694	0.0942512511864926
cg05187833	6	17706939	NUP153	0.022192	1.11683100296449	0.0942512511864926
cg05300996	3	119814693	GSK3B;GSK3B	0.00846922	0.318333299994434	0.0942512511864926
cg12591645	18	54684851	WDR7;WDR7	-0.0222383	-0.749216583581074	0.0942512511864926
cg15074761	4	80219922	LINC01088	-0.0190829	-0.0290722801205355	0.0942838722725252
cg19682595	22	30819402	SEC14L2;SEC14L2;SEC14L2	0.00806291	0.520163783782118	0.0943198048197702
cg16617633	10	95847325	PLCE1;PLCE1-AS2;PLCE1;PLCE1	-0.0340757	-0.0532376873642853	0.0943198048197702
cg02867162	16	1020843	LMF1	0.0145839	0.754035402941587	0.0943198048197702
cg22084165	12	92294605		-0.042225	-0.0662295780694162	0.0943198048197702
cg10720192	3	169492135	MYNN;MYNN;MYNN;MYNN;MYNN	-0.0106331	-0.016594996698521	0.0943198048197702
cg14994056	11	107992015	ACAT1	0.0194013	0.497183241224881	0.09432337889452003
cg03406394	15	60296138	FOXB1	0.0227473	0.527101254370138	0.0943302710328005
cg12173535	19	54694174	MBOAT7;MBOAT7;MBOAT7;MBOAT7;TSEN34;TSEN34;TSEN34	0.0440721	1.58746237183092	0.094381270124384
cg10071602	16	2028740	TBL3	-0.0524389	-0.105387007189227	0.0943928772789986
cg16063617	5	128430663	ISOC1	0.00690046	0.473897527209262	0.0943928772789986
cg17360140	4	128886135	C4orf29;MFSD8	0.0339961	1.24264520881165	0.0943928772789986
cg27096951	2	35324412		-0.0612221	-0.116612211949647	0.0943928772789986
cg00641348	12	72105415		-0.0672365	-0.114705436291188	0.0944156391226568
cg08221175	14	69444840	ACTN1;ACTN1;ACTN1	0.0136981	0.448663834397662	0.094466808484364
cg03108257	1	115125395	BCAS2	-0.00802168	-0.0119148247035711	0.094466808484364
cg06744740	14	56584485	PELI2	-0.0434321	-0.530433727489889	0.0945361333338419
cg00204782	22	19753364	TBX1;TBX1;TBX1	0.012929	0.42969495333622	0.0945456998672238

cg09230996	10	102498419		0.0172295	0.35198347587174	0.0945456998672238
cg14112555	6	135799233	AHI1;AHI1;AHI1;AHI1	-0.0593355	-0.106320605844585	0.0945470383707454
cg24337786	19	39108672	MAP4K1;EIF3K;MAP4K1	0.00848789	0.60389455276105	0.0945470383707454
cg06109680	7	148725758	PDIA4;PDIA4	0.0106805	0.604062516440381	0.0945470383707454
cg16931877	3	32726605	CNOT10	0.038075	0.288833515265243	0.0945470383707454
cg24257740	3	79067775	ROBO1;ROBO1;ROBO1;ROBO1;ROBO1	0.00496913	0.295454030748769	0.0945666176831024
cg03115547	19	32836416	ZNF507;ZNF507	0.0134108	0.621847505107191	0.0945666176831024
cg19557518	17	60704641	MRC2	0.0223761	0.841470503230181	0.0945666176831024
cg23599455	22	46409460		0.0120827	0.644667416053761	0.0945666176831024
cg12670845	19	12780457	WDR83OS;WDR83OS;WDR83;WDR83;WDR83	0.00195334	0.252345631413429	0.0945666176831024
cg09032310	5	141262801		0.0117416	0.387563594484108	0.0945900058693774
cg22024692	17	80978417	B3GNTL1	-0.0203176	-0.0318279722251797	0.0945900058693774
cg14165528	1	209539810		-0.0517037	-0.0836689288239381	0.0945900058693774
cg20798677	17	39968547	FKBP10;SC65	0.037531	0.291725676009693	0.0947303431458132
cg00923306	18	3230737		-0.0340238	-0.0572145265857838	0.0947977641288323
cg26968809	17	79895355	PYCR1;PYCR1;PYCR1;PYCR1;PYCR1	0.0251285	0.526733680126426	0.0947977641288323
cg01335738	19	14019786	CC2D1A	-0.0460789	-0.0854620132723834	0.0947977641288323
cg03953500	11	86383478	ME3;ME3;ME3;ME3	0.00910308	0.498924446875469	0.0947977641288323
cg13795627	1	157015873	ARHGEF11;ARHGEF11	0.0402288	0.496531340097556	0.0947977641288323
cg05918193	19	1556731	MEX3D	-0.0250896	-0.0388541016754008	0.0948242317977083
cg25640822	5	134871645	NEUROG1	0.0209995	0.849963898999481	0.0948242317977083
cg23599640	2	127864941	BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1;BIN1	0.0155108	0.477034635155183	0.0948242317977083
cg04451615	9	100991528	MIR6854;TBC1D2;TBC1D2;TBC1D2	-0.028346	-0.0434167058826763	0.0948242317977083
cg05066164	1	228559156	OBSN	-0.0282145	-0.0454023299433766	0.0948242317977083
cg26506507	8	23261738	LOXL2	0.0166457	0.425404859860009	0.0948242317977083
cg08594547	4	178426921		-0.0185154	-0.0280228032025033	0.0948242317977083
cg08525989	20	32262282	NECAB3;NECAB3	0.0185568	0.459617855348096	0.0948242317977083
cg26473253	4	71768226	MOB1B;MOB1B;MOB1B;MOB1B;MOB1B;MOB1B	0.00839449	0.647358362643367	0.0948242317977083
cg25849265	3	47205643	SETD2	0.0114366	0.66543479910009	0.0948242317977083
cg11349556	18	7229672	LRRC30	-0.0499434	-0.108583529064577	0.0948242317977083
cg02987163	17	35849291	DUSP14	0.011069	0.314278741302811	0.0948242317977083
cg07367563	1	151032068	CDC42SE1;CDC42SE1;CDC42SE1;MLL11;CDC42SE1	0.0164377	0.677263688546155	0.0948242317977083
cg24648337	7	645588	PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B;PRKAR1B	-0.00820284	-0.0121183969207652	0.0948242317977083
cg26857141	3	127005632		-0.0376233	-0.0646500682505825	0.0948242317977083
cg19436929	3	149703360		-0.0101487	-0.0151594287367157	0.0948242317977083
cg27160460	11	66617512	PC;PC;PC	0.0067943	0.0103301976641584	0.0948242317977083
cg00959238	19	40749359	AKT2;AKT2;AKT2	-0.0144182	-0.0216077131829228	0.0948242317977083
cg08990514	17	48672483	CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G;CACNA1G	-0.0321238	-0.055910397434211	0.0948242317977083
cg12703194	16	3086867	CCDC64B	0.0308526	0.410866677982351	0.0948242317977083
cg11314818	3	128444915	RAB7A	0.00507422	0.373462888076042	0.0948242317977083
cg11226148	2	27485298	SLC30A3	0.0177241	0.390313684239813	0.0948242317977083
cg25183744	1	150552404	MCL1;MCL1;MCL1	0.0108785	0.523402534631463	0.0948242317977083
cg17643699	12	27091484	FGFR1OP2;C12orf11;FGFR1OP2	0.0258901	0.679822892035785	0.0948242317977083
cg25872752	19	920370	KISS1R	0.0189442	0.59704880295871	0.0948242317977083
cg16986746	3	48594219	PFKFB4;PFKFB4	0.0144232	0.687744076782965	0.0948242317977083
cg24218995	18	67873134	RTTN	0.0275502	0.835520507369783	0.0948242317977083
cg24950082	16	30772857	C16orf93;RNF40;RNF40;RNF40;RNF40;C16orf93	0.0187155	0.494988114344808	0.0948272254139414
cg21202700	3	9799836	CAMK1;OGG1;OGG1;OGG1;OGG1;OGG1	-0.0734474	-0.173083138031517	0.0948272254139414
cg24198848	16	16033611		-0.0458803	-0.0740637283419783	0.0948272254139414
cg12953445	16	87056872		-0.043891	-0.0715123986000373	0.0948272254139414
cg24751928	20	55964459		0.0341133	0.537706820464356	0.0948272254139414
cg17266780	9	793023		0.00610891	0.00905705094216689	0.0948272254139414
cg08114180	16	54319624	IRX3	0.0362529	0.502185623322346	0.0948272254139414
cg13290673	2	159860200	TANC1;TANC1	-0.0109571	-0.016277026967845	0.0948272254139414
cg27134659	14	94640653	PPP4R4;PPP4R4;PPP4R4;PPP4R4	0.0238828	0.578320530648353	0.0948272254139414
cg24907233	22	46545351	PPARA;PPARA	0.0119992	0.519163644545767	0.0948272254139414
cg19172750	17	66287499	ARSG;SLC16A6	0.0115911	0.335467869303889	0.0948272254139414
cg19336909	12	69438873		-0.0334008	-0.0522807063280163	0.0948272254139414
cg13384409	7	2414466	EIF3B;EIF3B	0.00823772	0.0125018339295638	0.0948272254139414
cg09061216	1	1558936	MIB2;MIB2;MIB2;MIB2;MIB2	-0.0149595	-0.0224669166656809	0.0948272254139414
cg08529882	10	124902456		0.0176121	0.302652243629615	0.0948272254139414
cg13046107	9	6757544	KDM4C;KDM4C;KDM4C;KDM4C;KDM4C;KDM4C	0.0204845	0.740561773777761	0.0948272254139414
ch.7.1628533R	7	73938938	GTF2IRD1;GTF2IRD1	0.0259484	0.412992001841926	0.0948272254139414
cg12186917	21	35013231	CRYZL1	-0.057182	-0.105144610925613	0.0948272254139414
cg03305840	8	143482468	TSNARE1	-0.0258773	-0.0398888689041576	0.0948272254139414
cg06390411	17	66031805	KPNA2	0.0166886	0.756332730764225	0.0948272254139414
cg14557714	9	90341385	CTSL1;CTSL1	0.00438116	0.330686439081364	0.0948272254139414
cg16692004	6	149639107	TAB2;TAB2;TAB2;TAB2	0.0403602	0.323994200651012	0.0948272254139414
cg22825944	16	68003289	SLC12A4;SLC12A4;SLC12A4	0.00415349	0.457865722416109	0.0948272254139414
cg03859893	10	60145150	TFAM	0.0121183	0.564798516051481	0.0948423492185707
cg17510320	11	66360559	CCS;CCDC87	0.0411664	0.280874998706766	0.0948423492185707
cg16682175	10	70091200	PBLD;PBLD;HNRNPH3;HNRNPH3	0.00968959	0.479982073840663	0.0948423492185707
cg02222496	17	10597147	SCO1	-0.0394633	-0.0627613110579855	0.0948423492185707
cg04134803	5	150080579	RBM22;RBM22	0.0113686	0.489746926389863	0.0948423492185707
cg14534987	2	27341893	CGREF1;CGREF1;CGREF1;CGREF1	0.0640426	0.582858436453073	0.094870794030221
cg24202119	5	35938692	CAPSL;CAPSL;CAPSL	-0.0309756	-0.059437252622155	0.0949194343865873
cg01989866	20	31017450	ASXL1	0.00396587	0.00592998100496294	0.0949470036671092
cg04052337	9	136399924	ADAMTSL2;ADAMTSL2	0.00354746	0.275116839513687	0.0949470036671092
cg13306061	14	96555594	C14orf132;C14orf132;C14orf132;C14orf132	0.00609375	0.00910298282046019	0.0949470036671092
cg25203425	2	121572108	GLI2	-0.0377175	-0.0671198019517124	0.0949470036671092
cg05504606	19	1039871	ABCA7	0.0133814	0.574172983461649	0.0949470036671092
cg06810179	16	90038862	CENPBD1;AFG3L1;AFG3L1;CENPBD1;AFG3L1	0.011256	0.466055713573436	0.0949470036671092

cg22792161	9	5841794		0.0634121	0.245944220912892	0.0949470036671092
cg12883204	12	75723847	CAPS2	0.0103389	0.262285495640009	0.0949470036671092
cg01464969	4	1768943		0.0581668	0.87343841870624	0.0949470036671092
cg24209738	6	16303169	ATXN1;ATXN1	-0.0129183	-0.0195763040587279	0.0949470036671092
cg23541365	11	85974795	EED;EED	-0.0342685	-0.0539023146566355	0.0949470036671092
cg17717259	7	29846259		0.0141186	0.510338232231248	0.0949470036671092
cg04007241	1	179198680	ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2;ABL2	0.0194359	0.628106003804106	0.0949470036671092
cg17336172	3	49377548	USP4;USP4	0.00852018	0.55524899769679	0.0949470036671092
cg24222746	2	148779348	ORC4L;ORC4L;ORC4L	0.0181852	0.520562624423264	0.0949470036671092
cg07319961	6	166401460	LINC00602;LINC00473;LINC00473	0.00614991	0.470783804021804	0.0949642750210622
cg04281845	10	10215481		-0.0726683	-0.131007866754283	0.0949642750210622
cg25338843	17	42441302	FAM171A2	0.0924663	0.545036046624263	0.0949642750210622
cg21274724	17	6386543	PITPNM3;PITPNM3	-0.0785747	-0.167035957826367	0.0949642750210622
cg23576504	17	7298067	PLSCR3;PLSCR3;PLSCR3;PLSCR3;TMEM256-PLSCR3	0.00624285	0.3509294271467	0.0949642750210622
cg24567495	15	45814535	SLC30A4;HMG2P46	0.0221754	0.73354706676775	0.0949642750210622
cg20577878	16	66914781	PDP2	0.015606	0.730674540061282	0.0949642750210622
cg16677488	16	57038246		-0.0417253	-0.0748978693722565	0.0949642750210622
cg08908586	14	92414185	FBLN5	0.00764207	0.664469420990118	0.0949642750210622
cg23471890	12	111051874	TCTN1;TCTN1;TCTN1	0.00870847	0.365344008057624	0.09496474748246165
cg13273243	4	169405039		-0.0443949	-0.0710609636739234	0.09496474748246165
cg05116896	16	30366237	CD2BP2;CD2BP2	0.00803049	0.508298262240006	0.09496474748246165
cg20739360	7	91833683	KRIT1;KRIT1;KRIT1;KRIT1;KRIT1	-0.0466591	-0.0868749940245667	0.09496474748246165
cg10573190	2	85843190	USP39	0.00964721	0.478980402921342	0.09496474748246165
cg17944110	1	10856657	CASZ1;CASZ1;CASZ1;CASZ1	0.0120608	0.569650129375637	0.09496474748246165
cg25119654	11	67085309	LOC100130987	0.0176685	0.640569269431914	0.09496474748246165
cg11089232	9	68998480		-0.0746314	-0.201233507684642	0.094983354778471
cg02896403	1	155231989	SCAMP3;SCAMP3;SCAMP3;SCAMP3	0.00761706	0.404510978838306	0.0950002499029479
cg14587604	5	158758756	IL12B	0.0140118	0.877758166052167	0.0950002499029479
cg27498669	20	32262017	NECAB3;NECAB3	0.0128418	0.372549656548997	0.0950183277978001
cg13842154	14	103390247	AMN	0.0140281	0.274379554933786	0.0950183277978001
cg05222995	12	115124973		0.0206373	0.441197789913517	0.0950183277978001
cg19419789	16	2255584	MLST8;MLST8;MLST8;MLST8	0.0224176	0.605138661041434	0.0950183277978001
cg24500832	12	54394212	HOXC9	0.00573856	0.324836758574496	0.0950183277978001
cg11686792	13	114876061	RASA3	0.0162138	0.511300095785298	0.0950183277978001
cg18354686	16	4897378	UBN1;GLYR1	0.00916053	0.57715763720472	0.0950183277978001
cg03927520	2	220110237	GLB1L;GLB1L;STK16;STK16;STK16	0.0540082	0.745502235712453	0.0950183277978001
cg02820958	19	7099040		0.0697714	0.459316459515737	0.0950183277978001
cg05166499	8	133493008	KCNQ3	0.0128095	0.496927830046857	0.0950183277978001
cg18789663	1	242688591	PLD5	0.029233	0.809807533071022	0.0950183277978001
cg09182900	6	43909955		0.00727403	0.0109334333622453	0.0950183277978001
cg17986684	1	228674167	RNF187	0.0150433	0.290832481298557	0.0950183277978001
cg09864858	1	65613311	AK3L1;AK3L1;AK3L1;AK3L1	0.0174386	0.479960030838375	0.0950183277978001
cg13102235	1	236203522	NID1	-0.0266619	-0.0417829697916978	0.0950183277978001
cg18278714	2	127752644		-0.00660664	-0.00970186618252459	0.0950183277978001
cg04936382	20	36662003	RPRD1B;KIAA0406;RPRD1B	0.0249972	0.785771558067763	0.0950183277978001
cg05020775	20	1246934	SNPH	0.0407951	0.415214038392403	0.0950183277978001
cg06655143	8	144499638	MAFA-AS1	0.00391207	0.00587806564145406	0.0950183277978001
cg04965365	9	108487768	TMEM38B	-0.0259682	-0.0411943298570594	0.0950183277978001
cg19100138	3	183993995	ECE2;ECE2;ECE2;ECE2	0.0244181	0.565017722600119	0.0950183277978001
cg06089712	14	35343862	BAZ1A;BAZ1A	0.00722129	0.535603631946742	0.0950183277978001
cg25523538	10	28031957	MKX	0.0135634	0.583674321364433	0.0950183277978001
cg16450103	17	41174539	VAT1	0.00724396	0.509182948065978	0.0950183277978001
cg23288521	20	37075451	SNORA39;SNHG11	0.0120747	0.473618319610704	0.0950183277978001
cg08888178	19	344981	MIER2	0.025388	0.500033963484174	0.0950183277978001
cg23084309	19	6280164	MLL1	0.0437262	0.230172647588392	0.0950183277978001
cg07004372	3	57386380	DNAH12	-0.073586	-0.144809265875581	0.0950183277978001
cg21803245	14	105331124	KIAA0284;KIAA0284	0.0429869	0.584711597462825	0.0950183277978001
cg08478189	2	208030666	KLF7	0.00750164	0.258726884242325	0.0950183277978001
cg24448859	4	174255105	HMGB2;HMGB2;HMGB2	0.0270651	0.746810692531146	0.0950183277978001
cg18249149	2	128785194	SAP130;SAP130	0.0188855	0.678629488577855	0.0950183277978001
cg25447359	22	30790057		-0.0593296	-0.122078590908167	0.0950183277978001
cg08497901	1	45472676	HECTD3;HECTD3	0.00971126	0.0146375802386213	0.0950183277978001
cg17843125	1	100598159	SASS6;CCDC76	0.0207402	0.300258639827096	0.0950183277978001
cg12187069	19	41082589	SHKBP1	0.0121276	0.699173559030092	0.0950183277978001
cg01686044	19	45754802	MARK4	0.0165834	0.446544660620868	0.0950183277978001
cg01803835	8	55223410		-0.0400185	-0.0663343372284033	0.0950183277978001
cg19273746	6	71666063	B3GAT2	0.0540787	0.635764475675962	0.0950183277978001
cg24577940	12	106469246	NUAK1	-0.0341586	-0.0550813073449949	0.0950183277978001
cg23097985	8	22552961		0.0140304	0.917819978531452	0.0950183277978001
cg19001554	5	31527598	DROSHA;DROSHA	-0.0568429	-0.0973390471692885	0.0950183277978001
cg15739955	19	14183651	LOC113230	0.00577313	0.46600260879792	0.0950183277978001
cg15203270	4	77636913	SHROOM3	-0.0441187	-0.0737089880154956	0.0950183277978001
cg00099976	13	26625273	SHISA2	0.0389396	0.309784525365142	0.0950183277978001
cg00973947	3	143692255	C3orf58;C3orf58;C3orf58	0.0298823	0.652663719298241	0.0950183277978001
cg11555640	21	40754783	WRB	-0.0353531	-0.0569141832607637	0.0950183277978001
cg06770993	3	49158462	USP19	0.0267783	0.903084099480991	0.0950183277978001
cg00492003	15	78572760	DNAJA4;DNAJA4;DNAJA4	-0.0233572	-0.036440437142432	0.0950183277978001
cg08089031	6	139456240	HECA	0.0237958	0.713534819186147	0.0950183277978001
cg26036478	4	124319962	SPRY1;SPRY1	0.0104229	0.540126318265438	0.0950183277978001
cg15100599	1	223538174	SUSD4;SUSD4	0.0327904	0.745757689870319	0.0950183277978001
cg26711517	10	131909267	LINC00959	0.00694865	0.531961115838112	0.0950183277978001
cg17452291	7	86781755	DMTF1;DMTF1;DMTF1;DMTF1;DMTF1;DMTF1	0.0207001	0.527666394543655	0.0950183277978001

cg02126603	17	79455239		0.0154997	0.764420167931768	0.0950183277978001
cg25037274	7	29872894	WIPF3	-0.06794	-0.124335836481196	0.0950183277978001
cg05237820	20	39945987		0.00802232	0.294485277225959	0.0950183277978001
cg25512587	9	136344026	SLC2A6;SLC2A6	0.0112377	0.323281442868116	0.0950183277978001
cg13388111	11	61062665	VWCE;VWCE	0.0184524	0.835958500283704	0.0950183277978001
cg04099264	1	44435507	DPH2;DPH2	0.00841446	0.434452002648708	0.0950183277978001
cg12095968	1	151739679	OAZ3;OAZ3	-0.0391164	-0.064995320273144	0.0950183277978001
cg27219662	6	28891728	TRIM27;TRIM27	0.0318771	0.689797571559281	0.0950183277978001
cg22818988	3	3168509	TRNT1	0.00385849	0.404722973152917	0.0950183277978001
cg16459120	4	81189164	FGF5;FGF5;FGF5	-0.0338725	-0.277321305236348	0.0950183277978001
cg03654430	10	91174411	IFIT5;IFIT5	0.010713	0.524534110157572	0.0950183277978001
cg01037895	1	21877781	ALPL;ALPL	-0.0442948	-0.0796879318459848	0.0950183277978001
cg22377913	1	26758610	DHDDS;DHDDS	0.00640594	0.376578766004739	0.0950183277978001
cg10141938	7	26240087	HNRNPA2B1;HNRNPA2B1;CBX3;CBX3	0.00667488	0.439397503208481	0.0950183277978001
cg00663077	4	188916709	ZFP42	0.0500775	0.663035156306368	0.0950183277978001
cg06688733	5	42813842		-0.0162398	-0.0246463583096094	0.0950183277978001
cg10241347	10	124639260	LOC399815;FAM24B	0.0830722	1.405495849072	0.0950183277978001
cg17526727	6	43791674		-0.0605544	-0.121211502253473	0.0950183277978001
cg16589580	22	30239152		-0.0153895	-0.0233049648258374	0.0950183277978001
cg16004435	8	38749768		-0.0134957	-0.0203274325350824	0.0950183277978001
cg00902415	17	41174425	VAT1;VAT1	0.00926275	0.341965644153144	0.0950183277978001
cg20628663	10	43360327		0.035463	0.144774719333567	0.0950183277978001
cg27324859	19	17398922		-0.00970893	-0.0144041023725973	0.0950183277978001
cg20567721	16	81040639	CENPN;CENPN;CENPN;CENPN;CENPN;CENPN;C16orf61	0.0114704	0.710295547241124	0.0950183277978001
cg03414474	2	105488932		0.00985504	0.525228188208789	0.0950183277978001
cg26797585	19	3585609	GIPC3	0.0226762	0.761096706008042	0.0950183277978001
cg17144508	2	128283727	IWS1	0.0269546	0.707846380157785	0.0950183277978001
cg15082212	12	124068903	TMED2	0.00585046	0.399717183690086	0.0950183277978001
cg18273700	3	47319063	KIF9;KIF9;KIF9	0.0117245	0.018087039440486	0.0950183277978001
cg18390181	10	102810139		0.00937131	0.399752570631649	0.0950183277978001
cg14621103	7	1178041	C7orf50;C7orf50;C7orf50	0.00948624	0.626506134317444	0.0950183277978001
cg14279539	20	49998378		-0.0742186	-0.170337219113569	0.0950183277978001
cg05014952	14	35873130	NFKBIA	0.0282713	0.789391039650904	0.0950183277978001
cg15650240	1	15736650	EFHD2	0.0366648	0.493830714469832	0.0950183277978001
cg20936291	9	130679328	ST6GALNAC4;ST6GALNAC4	0.0297882	0.36292254697159	0.0950183277978001
cg07682083	14	73957524	HEATR4;C14orf169	0.0103513	0.544890440515002	0.095017699625633
cg11562028	5	150911153	FAT2	-0.0119373	-0.0188138192174902	0.095053273247236
cg20947082	1	233749643	KCNK1	0.0646044	1.06922808378946	0.095053273247236
cg27607338	3	119041955	CDGAP	0.0117852	0.407698481613085	0.095053273247236
cg16232013	11	63952725	STIP1;STIP1;STIP1	0.0270395	0.733115391410683	0.095082803888212
cg21975007	6	132128965	ENPP1	0.030452	1.00361164875414	0.0951010438574133
cg25975435	8	127489179		-0.0249372	-0.0388817328662632	0.0951010438574133
cg025056827	5	68711277	MARVELD2;MARVELD2	0.0395177	0.534451884314287	0.0951010438574133
cg20012885	18	12377404	AFG3L2	0.0329553	0.298675965432123	0.0951010438574133
cg10670553	4	65264573	TECLL	-0.0422602	-0.0662903558030511	0.0951310105464896
cg05762700	4	18023779	LCORL;LCORL	0.0499882	1.04421006596846	0.0951310105464896
cg00372297	17	27139635	FAM222B;FAM222B;FAM222B;FAM222B;FAM222B;FAM222B;FAM222B;FAM222B;FAM222B;FAM222B;FAM222B;FAM222B;FAM222B;FAM222B;FAM222B;FAM222B;FAM222B	0.0134664	0.5751808627967	0.0951310105464896
cg07694872	9	132048856		0.00799767	0.0120061079310287	0.0951310105464896
cg14760438	6	33409448	SYNGAP1	-0.0289456	-0.0461698096533926	0.0951310105464896
cg21234853	2	198318200	COQ10B	0.0103133	0.379953493928629	0.0951330787454335
cg19700341	17	72857076	GRIN2C	0.0476605	0.547578233081002	0.0951641667523737
cg01287079	6	108888941	FOXO3;FOXO3	-0.0269668	-0.0435773155072615	0.0951778856087981
cg02878891	2	102090444	RFX8	0.0123871	0.36245307315968	0.0951778856087981
cg05100916	7	112090586	IFRD1;IFRD1;IFRD1	0.0151507	0.466315141575755	0.0951778856087981
cg08533424	17	37009973	RPL23;SNORA21;RPL23	0.00614482	0.506850207627069	0.0951778856087981
cg22868034	19	49092375	SULT2B1;SULT2B1	0.0438337	0.55804454857265	0.0951778856087981
cg08227526	4	155663529		0.0112475	0.336221304261956	0.0951778856087981
cg14550910	10	54216510		-0.0625541	-0.11277199281924	0.0952824731679905
cg25837984	3	167372481	WDR49	-0.0342569	-0.0601901293358314	0.0953506022636338
cg22610533	12	64238379	SRGAP1	0.0242338	0.863346080971979	0.0953506022636338
cg00590851	13	27335089	GPR12	0.0232774	0.518686150858743	0.0953506022636338
cg11896345	17	1532217	SLC43A2	0.017078	0.778549824415653	0.0953506022636338
cg23248351	8	108511700	ANGPT1	-0.017291	-0.026154479950358	0.095369324654778
cg18035158	6	107810971	SOBP	0.026732	0.599918642254283	0.0954048686304252
cg11838475	2	241556683	CAPN10	-0.0130246	-0.0197830201492203	0.0954048686304252
cg14204211	10	81107088	PPIF	0.0166125	0.597493241395508	0.0954048686304252
cg00723044	14	71276570	MAP3K9	0.00796615	0.621867458387948	0.0954048686304252
cg10037754	15	45563114	LOC101928414;SLC28A2	-0.0563736	-0.0949506552900264	0.0954048686304252
cg04540836	8	123854227	ZHX2	0.00751737	0.011130332053754	0.0954048686304252
cg24106894	15	48623432	DUT;DUT;DUT	0.0143691	0.825248902682071	0.0954048686304252
cg00362614	1	28052155	FAM76A;FAM76A;FAM76A;FAM76A;FAM76A;FAM76A	0.0213832	0.983227341273231	0.0954048686304252
cg11169461	2	224904347	SERPINE2;SERPINE2;SERPINE2	0.00454145	0.359978878422546	0.0954145134085853
cg04117643	17	7476796	EIF4A1;SNORA48	0.0141004	0.309562812632341	0.0954252389144774
cg05301181	10	35379533	CUL2	0.00662931	0.328687961149588	0.0954252389144774
cg03543731	15	50474621	SLC27A2;SLC27A2;SLC27A2;SLC27A2	0.00689344	0.44091392900428	0.0954252389144774
cg04944802	1	228603769	TRIM17;TRIM17;TRIM17	0.0139105	0.462085050300827	0.0954252389144774
cg03727373	11	1404502		0.0458955	0.748695450106384	0.0954252389144774
cg19968692	13	73301900	C13orf37;C13orf34;C13orf37	0.0145	0.821056527644555	0.0954252389144774
cg06464369	5	1005292		0.0332049	0.614673197075693	0.0954252389144774
cg01497487	22	38141814	TRIOBP;TRIOBP;TRIOBP	0.025358	0.459930497381207	0.0954252389144774
cg01023787	5	1243714	SLC6A18	0.0140453	0.0222452356767433	0.0954252389144774
cg09460159	17	30771470	PSMD11	0.0116759	0.463721272981234	0.0954252389144774

cg14132868	11	18343680	HPS5;HPS5;HPS5;HPS5;HPS5;HPS5;GTF2H1;GTF2H1	0.0171097	0.740262389213655	0.0954252389144774
cg16464704	1	26249489		0.0217192	0.396916017267465	0.0954252389144774
cg13372927	11	111896293	DLAT	0.0314986	0.974915761163555	0.0954252389144774
cg22706629	15	65823539	PTPLAD1	0.0263998	0.596256320067036	0.0954252389144774
cg08072480	11	65292666	SCYL1;SCYL1	0.0141482	1.02176355528883	0.0954252389144774
cg02414034	17	5185283	RABEP1;RABEP1	0.0214545	0.759006769665077	0.0954252389144774
cg00485681	9	124990761	LHX6;LHX6;LHX6;LHX6	0.0118073	0.261838911599401	0.0954252389144774
cg06737004	16	31226760	TRIM72	0.0187964	0.647743846281717	0.0954252389144774
cg13300098	9	33036573	DNAJA1;DNAJA1	-0.0659726	-0.106318784645194	0.0954252389144774
cg09039436	11	46369515	DGKZ;DGKZ;DGKZ	0.0132786	0.582668572383042	0.0954252389144774
cg14022434	10	123687714	ATE1;ATE1	0.00824662	0.383503196550631	0.0954252389144774
cg20673919	11	125702313	PATE4	-0.0754426	-0.22755627829196	0.0954252389144774
cg21869055	19	51522454	KLK10;KLK10;KLK10	0.0170838	0.331000675978514	0.0954252389144774
cg26884276	5	139554806	C5orf32;C5orf32	0.020192	0.97711144159788	0.0954252389144774
cg09980176	19	11532175	CCDC151	0.0311419	0.586944867842283	0.0954252389144774
cg11598954	11	44086756	ACCS;ACCS	-0.0346361	-0.0550982440922402	0.0954252389144774
cg0265925	14	39938424		-0.0489933	-0.0898285931911581	0.0954252389144774
cg22972965	17	7772650		0.00817606	0.301950873439633	0.0954252389144774
cg08388245	3	50171724		-0.0241465	-0.0370383973144767	0.0954252389144774
cg09816342	1	42318574	HIVEP3;HIVEP3;HIVEP3;HIVEP3	-0.00730774	-0.0108871481752756	0.0954252389144774
cg05040338	16	89270802		-0.064138	-0.11373553173976	0.0954252389144774
cg21429500	4	17579272	LAP3	0.00747944	0.428293351734547	0.0954252389144774
cg09933638	3	128444901	RAB7A	0.00539827	0.321847509788029	0.0954257306869682
cg17369438	1	36184635	C1orf216;C1orf216	0.0234919	0.898380176175597	0.0954384599300855
cg25004838	6	32112189		0.0265924	0.0467893656402074	0.0954835620559887
cg21324037	12	132674606		0.00749712	0.640553266858248	0.0954835620559887
cg08329655	11	7534677	PPFIBP2	0.016044	0.68208411709638	0.0954835620559887
cg04726800	3	128598191	ACAD9	0.0116493	0.5438396597469	0.0954835620559887
cg14292314	19	28293235		-0.0266796	-0.0468639938748661	0.0954835620559887
cg14672709	17	48133110	ITGA3;ITGA3	0.00360314	0.303021881812395	0.0954864999993396
cg00125159	1	228290140	C1orf35	0.045642	1.5401932834872	0.0954864999993396
cg18485839	19	58378654		-0.034897	-0.0562771684994835	0.0954864999993396
cg24592391	11	102653026	WTAPP1	-0.0396363	-0.0635297680968842	0.0954864999993396
cg07703976	7	48494734	ABCA13	0.0449567	0.0689510570681153	0.0954864999993396
cg19721541	8	18027367	NAT1	-0.0555049	-0.106332436962695	0.0954864999993396
cg18519694	11	118307647	MLL	0.0227965	0.551234342963992	0.0954864999993396
cg04446983	6	20530262		-0.0568989	-0.0954768862024246	0.0954864999993396
cg00680572	14	37050691	NKX2-8	0.0354899	0.536724074624231	0.0954864999993396
cg18633432	3	135915556	MSL2	0.0169675	0.892626495703535	0.0954864999993396
cg02257300	19	45873380	ERCC2;ERCC2	0.00517108	0.337621414833329	0.0954864999993396
cg02703787	15	93256789		-0.0459311	-0.130760950579643	0.0954864999993396
cg16666935	13	31736119	HSPH1	0.0192633	0.415729586371867	0.0954864999993396
cg00093058	16	717932	RHOT2	0.0103345	0.572549714725399	0.0954864999993396
cg10186461	3	107656904		-0.012596	-0.019139856897852	0.0954864999993396
cg06211164	3	50359065	HYAL2;HYAL2	0.0125709	0.425111402801373	0.0954864999993396
cg10143122	4	147194482	SLC10A7;SLC10A7	0.0258913	0.0405788475119648	0.0954864999993396
cg05968010	1	210000883	C1orf107	0.0634474	0.38042865168091	0.0955110095310495
cg03022556	1	162335234	NOS1AP;NOS1AP;NOS1AP	0.00804234	0.0120358599947891	0.0955110095310495
cg06918551	6	166356928	LINC00473;LINC00473	-0.0223783	-0.034038259049572	0.0955110095310495
cg25600562	9	98271449	PTCH1;PTCH1;PTCH1;PTCH1	0.0131108	0.537395342086927	0.0955110095310495
cg10008636	14	103542242		0.0151105	0.518757731076409	0.0955110095310495
cg08987887	6	76311629	SEN6;SEN6;SEN6;SEN6;SEN6;SEN6	0.0104595	0.640835915802788	0.0955110095310495
cg08224208	19	15218165	SYDE1	0.0305838	0.481844026441054	0.0955110095310495
cg19510699	20	1297651	SDCBP2	-0.112209	-0.308657918140101	0.0955268073836805
cg24141233	1	212781895	ATF3;ATF3;ATF3	0.0314778	0.883153403814401	0.0955268073836805
cg20873420	2	208634917	FZD5	0.0159449	0.52845667862048	0.0955268073836805
cg13563284	20	21082335		0.0164185	0.566127619597529	0.0955504542920542
cg21412928	6	30640498	DHX16;DHX16	0.0408485	0.894855928357725	0.0955507338740581
cg27344330	19	17530716	MVB12A;MVB12A;MVB12A	0.0318293	1.18208391462404	0.0955506383551256
cg27211204	15	99791508	LRRC28	0.0176224	0.665147810350936	0.0956094217265247
cg15355400	16	24857426	SLC5A11;SLC5A11;SLC5A11;SLC5A11	0.0147722	0.0233714848172026	0.0956160226674209
cg03509991	1	46050221	NASP;NASP;NASP	0.00524055	0.40919473830501	0.0956270677270513
cg16437766	4	39529126	UGDH;UGDH;UGDH-AS1;UGDH;UGDH;UGDH;MIR1273H	0.00548007	0.395991808330334	0.0956270677270513
cg26990633	3	44665441	ZNF197;ZNF197;ZNF197-AS1	-0.0945084	-0.20450901850429	0.0957091619425686
cg25776635	12	122231757	RHOF	0.021034	0.487915517106921	0.0957165397259027
cg09063944	1	3688921	LOC388588	0.00607019	0.430092595733813	0.0957351107314399
cg06421707	20	25228305	PYGB	0.00825043	0.573735388724267	0.095742807938221
cg10534439	2	69969029	ANXA4	0.0432194	0.453192720797326	0.095742807938221
cg03546183	11	128584167	FLI1;FLI1;FLI1;FLI1	0.0301771	0.0495094084088655	0.095742807938221
cg15744534	15	70388889	TLE3;TLE3;TLE3;TLE3;TLE3	0.0267982	0.358655794238352	0.0957580638353478
cg25984249	6	31509765	BAT1;BAT1;SNORD84;BAT1;BAT1	0.0371877	0.28068091504786	0.0957580638353478
cg26163463	5	139926773	EIF4EBP3;ANKHD1-EIF4EBP3	-0.0692191	-0.160486219524752	0.0957580638353478
cg23724858	6	32055711	TNXB	0.0137926	0.680263384691115	0.0957580638353478
cg24603408	8	22562397		0.0228119	0.267439356916834	0.0957580638353478
cg20729301	2	233368115		0.00617141	0.761208701325704	0.0957580638353478
cg21895364	7	150767428	SLC4A2;SLC4A2;SLC4A2;SLC4A2;SLC4A2;SLC4A2;SLC4A2	0.0128756	0.0199000109725248	0.0957580638353478
cg21710066	6	474967		0.0234274	0.532497444640357	0.0957617831138547
cg01356910	16	4323571	TFAP4	0.0708597	1.10894434193932	0.0957617831138547
cg26270411	20	43514327	YWHAH;YWHAH	0.0150756	0.488463134883789	0.0957815322303836
cg01644723	8	146228246	ZNF252;C8orf77	0.00685306	0.58495902285718	0.0958062771130654
cg26200974	10	124383677	DMBT1;DMBT1;DMBT1	0.0196462	0.0313797983236131	0.0958082651067595
cg24007917	12	77272927	CSRFP2	0.0117651	0.411667654370373	0.0958082651067595

cg08254315	8	25593585		-0.0399467	-0.0662505255741801	0.0958082651067595
cg08646105	13	32417270		-0.0704279	-0.129229752717816	0.0958180925850529
cg02073511	16	3550924	CLUAP1	0.0477755	0.359490972970146	0.0958180925850529
cg19937493	1	27722051	GPR3	0.00518868	0.375491119646639	0.0958180925850529
cg09999876	14	24521843	LRRRC16B	0.007621	0.462553225252996	0.0958180925850529
cg05112574	17	76374542	PGS1	0.00868565	0.450874399323036	0.095825285715459
cg11666559	1	221067662		0.0130011	0.288387112892645	0.095825285715459
cg16301728	2	187717549		-0.0465092	-0.0958590061323111	0.095825285715459
cg04328477	16	68270258	ESRP2	0.0458061	0.758829853837869	0.095825285715459
cg02688760	1	182573731	RGS16	0.0165242	0.501892611741915	0.095825285715459
cg05456948	10	135171583	C10orf125;C10orf125	0.0334141	0.327428465806945	0.095825285715459
cg02067722	6	137144131	PEX7	0.00671954	0.496103372705634	0.095825285715459
cg16501572	11	71934660	INPL1	0.0171507	0.951394214926675	0.095825285715459
cg18942110	15	91072797	CRTC3;CRTC3	0.0154534	0.4751157173503833	0.095825285715459
cg06869971	15	69706519	KIF23;KIF23	0.0166184	0.558829379616014	0.095825285715459
cg12821161	11	65101842	DPF2	0.0126237	0.492802702285788	0.095825285715459
cg17186539	19	10628196	S1PR5;S1PR5	0.0268277	0.438249547481917	0.095825285715459
cg22861561	12	48397730	COL2A1;COL2A1	0.0386446	0.418509365845269	0.0958960330108476
cg00755496	3	52257183	TLR9	-0.00710135	-0.0104389179381919	0.0959205150229736
cg25634545	10	104154207	NFKB2;NFKB2;NFKB2	0.0073417	0.401946821450228	0.0959205150229736
cg20048602	1	1310743	AURKAIP1;AURKAIP1;AURKAIP1	0.0376998	0.419453989873664	0.0959205150229736
cg17101358	17	42422688	GRN;GRN	0.00507082	0.366501503782565	0.0959205150229736
cg06404838	11	117015391	PAFAH1B2	0.0118467	0.540470356235641	0.0959205150229736
cg22674613	6	44310331	SPATS1	0.0151697	0.483347792132847	0.0959205150229736
cg00172020	3	150264474	SERP1;EIF2A	0.0075823	0.364532259916093	0.0959205150229736
cg22078572	18	61033618	KDSR	0.00909237	0.400919724585409	0.0959205150229736
cg00754426	20	37100437	RALGAPB	-0.0440968	-0.169143528791704	0.0959461581571344
cg00515575	2	47168619	TTC7A;TTC7A;TTC7A;TTC7A;TTC7A;MCFD2;MCFD2;TTC7A;TTC7A	0.0345741	0.636008710522672	0.0959601268193507
cg13675624	12	6419136	PLEKHG6;PLEKHG6	-0.0431372	-0.084830603282001	0.0959601268193507
cg04744597	5	160976197	GABRB2;GABRB2	0.00395748	0.3527432711488	0.0959700551562448
cg11594927	6	29720600		0.0143807	0.510259203654395	0.0959700551562448
cg03826535	12	113659136	TPCN1;TPCN1;IQCD	0.0109294	0.671248625581166	0.0960488469819885
cg27314741	19	46144881	EML2-AS1;EML2-AS1;EML2;EML2;EML2;EML2	0.0204924	0.999836098512718	0.0960488469819885
cg21845957	14	103988428	CKB	0.0964629	0.936365775734163	0.0960488469819885
cg04497885	19	42747008	GSK3A	0.0124662	0.774179894235665	0.0960488469819885
cg13863753	8	38855115	ADAM9;TM2D2;ADAM9;ADAM9;TM2D2;TM2D2;ADAM9;TM2D2	0.0071638	0.24895360796396	0.0960488469819885
cg10217975	3	52091484	DUSP7	0.00676693	0.5468004439663229	0.0960488469819885
cg15017004	18	2906290	EMILIN2	0.0227834	0.598451873682719	0.0960488469819885
cg00022308	2	27851831	CCDC121;CCDC121;GPN1;CCDC121;GPN1;GPN1;GPN1;CCDC121;GPN1	0.0149008	0.554967700173088	0.0960488469819885
cg27470027	11	63684601	RCOR2	0.0400417	0.222615652684209	0.0960488469819885
cg02979923	20	17207337	PCSK2	0.0276014	0.379725565446538	0.0961692096056076
cg20801666	22	20103296	RANBP1;TRMT2A;TRMT2A;TRMT2A;TRMT2A;TRMT2A;TRMT2A;TRMT2A;TRMT2A;TRMT2A;MIR6816	0.0120083	0.0204190263329073	0.0961692096056076
cg14057961	14	65007327	HSPA2;HSPA2	0.0158858	0.54297304908356	0.0961692096056076
cg07240937	1	153650963	1,00 NPR	0.0122948	0.472899094218107	0.0962258183199315
cg17416165	5	99382140		-0.0366482	-0.0716551865621851	0.0962258183199315
cg16852685	4	154712145		0.0101339	0.270167756910475	0.0962258183199315
cg12208612	3	169490789	MYNN	0.00612676	0.432074329806372	0.0962258183199315
cg06489364	1	19578250	EMC1;EMC1;EMC1;EMC1;MRT04;MRT04	0.0432157	0.618588482562684	0.0963094788156769
cg16124571	1	115212670	DENND2C;DENND2C	0.0150701	0.500746068301	0.0963094788156769
cg19910128	1	1496936	SSU72	-0.0260168	-0.040060904498872	0.0963094788156769
cg18645335	19	17858607	FCHO1;FCHO1;FCHO1;FCHO1	0.017473	0.656126663422306	0.0963463878159874
cg06704518	8	11565530	GATA4	0.0116859	0.310171962311147	0.0963463878159874
cg07357178	8	49534582	LOC101929217;LOC101929268	-0.0409751	-0.073612862575434	0.096379483368019
cg17988623	11	117025270	PAFAH1B2	-0.0111737	-0.0165392089209149	0.0963816770539127
cg02852436	20	2821472	FAM113A;VPS16;VPS16	0.0371954	0.899174949286332	0.0963857721353605
cg10221240	4	1004669	FGFRL1;FGFRL1	0.00704783	0.586297304299412	0.0963857721353605
cg02957340	14	100070899	CCDC85C	0.0110734	0.496886132865559	0.096403443042662
cg11110643	11	72929135	P2RY2;P2RY2;P2RY2	0.026147	0.317326255008226	0.096403443042662
cg09423703	2	71115230		0.0122531	0.506612334576577	0.096403443042662
cg12956230	9	88556256	NAA35	0.0175839	1.21666927174733	0.096403443042662
cg13332172	19	37178884	ZNF567	0.0205056	0.631792366364404	0.096403443042662
cg17271592	1	149821902	HIST2H2AA4;HIST2H2AA3	0.0146247	0.565116117213023	0.096403443042662
cg26691953	12	49110790	CCNT1	0.00813395	0.478124014135594	0.096403443042662
cg22882523	8	145107012	OPLAH	0.018497	0.492165092140383	0.096403443042662
cg01076051	5	130329564		-0.0561129	-0.0984665813190005	0.096403443042662
cg25181699	11	300688	IFITM5	-0.0424064	-0.114053668533962	0.096403443042662
cg08229018	4	119274133	PRSS12	0.0499507	0.551667056201455	0.096403443042662
cg22965663	14	7787393	POMT2;GSTZ1;GSTZ1;GSTZ1;GSTZ1;GSTZ1	0.0260457	1.086439255005297	0.096403443042662
cg08621286	7	1200209	LOC101927021;LOC101927021;LOC101927021;LOC101927021;LOC101927021;LOC101927021;LOC101927021	0.00721278	0.426623672629618	0.096403443042662
cg09692733	19	10249298	DNMT1;DNMT1;DNMT1;DNMT1	0.00618028	0.00925597718497841	0.096403443042662
cg27425511	19	11033935	YIPF2;C19orf52	0.0184708	0.657003451796382	0.096403443042662
cg21988584	14	31281516		-0.0567468	-0.0941938772778178	0.0964261777650068
cg11154382	17	48227323	PPP1R9B	0.00305286	0.280939598773599	0.0964261777650068
cg15176005	1	228122465	WNT9A	-0.0458682	-0.0743527520683661	0.0964398543063559
cg22045228	2	8581875	ELMOD3;ELMOD3;ELMOD3;ELMOD3;ELMOD3;ELMOD3;ELMOD3;ELMOD3;ELMOD3;ELMOD3	0.00578353	0.408850419353185	0.0964398543063559
cg02693002	10	126106594	OAT	0.0412379	0.252381523172033	0.0964830393059253
cg09718640	2	113522225	CKAP2L;CKAP2L	0.00955557	0.740525068397686	0.0964830393059253
cg08376191	3	160283074	KPNA4;KPNA4	0.0191003	0.81214081008018	0.0964830393059253
cg13525064	2	73114426	SPR	0.0145868	0.455410036538882	0.0964830393059253
cg27467005	19	17622279	PGLS	0.0394466	0.899376208540485	0.0964830393059253
cg17429065	1	6453910	ACOT7	0.0396877	0.581248763238148	0.0964830393059253
cg22545535	17	17495014	PENT;PENT;PENT;PENT;PENT	0.0243102	0.940719428201807	0.0964943169183351

cg26378157	16	89984203	MC1R	0.00647391	0.374298536557293	0.0965612810475103
cg19331885	11	119722305		-0.0370423	-0.0595987442263674	0.0966217334135386
cg11686528	17	1083002	ABR;ABR	0.0364663	0.699317794355933	0.0966217334135386
cg17703880	8	87110636	ATP6V0D2	-0.0296469	-0.0468666762466742	0.0966263586900543
cg06430572	21	46221894	UBE2G2;UBE2G2	0.0146731	0.422489140471635	0.0966263586900543
cg05225390	11	113644407	ZW10;ZW10	0.0113213	0.392578236732517	0.0966263586900543
cg12434394	18	10663708	LOC101927410	-0.0191919	-0.0297518178937672	0.0966700092915516
cg14902146	15	90294607	MESP1	0.011959	0.925899746626606	0.0966896620726204
cg11718780	1	200728684	CAMSAP1L1	-0.0673931	-0.130117481639868	0.0966896620726204
cg14940233	8	3429428	CSMD1	-0.0296755	-0.0502556625088459	0.0966896620726204
cg07010075	2	121199631		0.0187699	0.478928106958077	0.0966896620726204
cg13699414	5	178957880		0.0444495	0.872012088187862	0.0966896620726204
cg10583683	15	23034700	NIPA2;NIPA2;NIPA2;NIPA2	0.0470995	1.27529626075875	0.0966896620726204
cg02692785	11	84148821	DLG2;DLG2	0.0063024	0.312962068973882	0.0966896620726204
cg01840575	2	38977957	SFRS7	0.0547502	0.765802025391088	0.0966896620726204
cg09378707	11	3836728	PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;PGAP2;P	-0.0183248	-0.0278936182695191	0.0966896620726204
cg04067803	2	56462511	CCDC85A	-0.0167454	-0.0256081702554842	0.0967040744029192
cg16439512	15	57598924	LOC283663	0.0379036	0.366967302127825	0.0967040744029192
cg17100705	21	45148737	PDXK	0.0163307	0.956065454596925	0.096714146717445
cg08894790	4	177241590	SPCS3	0.00995849	0.573090518361369	0.096714146717445
cg20132549	11	442189	ANO9	0.0164221	0.343467730267822	0.0967438331139809
cg23637624	8	124387949	ATAD2	-0.0233193	-0.0363454884403469	0.0967663247664824
cg23422604	22	43364847	PACSIN2	-0.0731072	-0.131799412132615	0.0967663247664824
cg02465374	6	166401700	LOC441177;C6orf176;C6orf176	0.00554467	0.376963966546219	0.0967663247664824
cg14889079	19	54606153	NDUFA3	0.0471317	0.350301353072845	0.0967663247664824
cg09754991	13	107220236	ARGLU1	0.00450809	0.330699353167246	0.0967663247664824
cg26924044	16	2920939		-0.0876869	-0.194240587063345	0.0967663247664824
cg10835773	6	19753491		-0.0619211	-0.129504430305123	0.0967663247664824
cg26687499	3	135914775	MSL2;MSL2	0.0326865	1.21691168106168	0.0967663247664824
cg16131972	20	45282877	SLC13A3	-0.0175236	-0.0265582447171671	0.0968329730628465
cg09463047	17	36104218	HNF1B;HNF1B	0.00445612	0.370583717909647	0.0968329730628465
cg01477385	14	103995350	TRMT61A	0.00400341	0.434777934487659	0.0968329730628465
cg10820715	1	214470024	SMYD2	-0.019688	-0.0306598899967127	0.0968329730628465
cg18247177	17	7745472	KDM6B	0.0176396	0.526744688236024	0.0968329730628465
cg05846056	1	59762542	FGGY;FGGY	0.00761501	0.518897776068765	0.0968329730628465
cg16000824	11	1143665		-0.0468603	-0.0808758339337879	0.0968329730628465
cg12187687	7	27253834		-0.103816	-0.241979346040982	0.0968468936374364
cg18647237	5	43017561		0.00663785	0.390238688353276	0.0969013265175139
cg01679512	13	114108652	ADPRHL1	0.0080569	0.012112355721076	0.0969013265175139
cg19620922	21	46824536	COL18A1	0.0331619	0.358320930544104	0.0969013265175139
cg07158701	17	40540601	STAT3;STAT3;STAT3	0.00951655	0.931916156829124	0.0969021271937684
cg06725204	7	129027898	AHCYL2;AHCYL2;AHCYL2;AHCYL2	-0.00670513	-0.00988737736095067	0.0969938011718534
cg03476862	7	98581334	TRRAP	-0.00604082	-0.00686511561224142	0.0969938011718534
cg03331924	1	208038413		-0.0478749	-0.0795610057498883	0.0969938011718534
cg03462171	16	1664488	CRAMP1L	0.0502273	0.255481877042465	0.0969938011718534
cg04839422	22	44287876	PNPLA5	0.00764434	0.415526506514623	0.0969938011718534
cg05311119	4	1805090	FGFR3;FGFR3;FGFR3	-0.0374826	-0.0597922855072129	0.0970113870034738
cg04950743	2	39002436		-0.0532376	-0.0903457839545397	0.0970816236032976
cg20723436	2	139428554	NXP2	-0.0246452	-0.0401595241316243	0.0970816236032976
cg07066932	1	24285945	PNRC2	0.0123453	0.788042155373288	0.0970816236032976
cg14355911	17	59473456		0.03333	0.646397361798611	0.0970816236032976
cg26454158	19	12273814	ZNF136	0.00449625	0.304325635844268	0.0970816236032976
cg22876918	17	4458867	MYBBP1A;MYBBP1A	0.0151767	0.574025497679461	0.0970992549304238
cg27638453	6	157470150	ARID1B;ARID1B;ARID1B	0.00339607	0.0049677148761993	0.0970992549304238
cg05871607	1	28241317	RPA2	0.0263445	0.62933443820143	0.0970992549304238
cg13521940	21	36262239	RUNX1;RUNX1;RUNX1	0.012438	0.57410407496326	0.0970992549304238
cg01526748	3	191930926	FGF12;FGF12	0.028255	0.048688452789902	0.0970992549304238
cg10300729	10	65284527	REEP3	-0.0861046	-0.17231895045283	0.0971392044553465
cg11087358	12	57940980	DCTN2	0.0141974	0.350531988886453	0.0971392044553465
cg11992317	20	44520160	CTSA;CTSA;NEURL2;CTSA	0.00903153	0.601528846241619	0.0971392044553465
cg17739868	6	157751337		0.00968613	0.014379847670877	0.0971392044553465
cg22437161	7	155605081	SHH	0.0187452	0.546155843703273	0.0971392044553465
cg11482099	11	31833477	PAX6;PAX6;PAX6	0.0111266	0.51388708156276	0.0971392044553465
cg24902504	1	206858868	MAPKAPK2;MAPKAPK2	0.00833536	0.510739863814459	0.0971392044553465
cg02126788	1	116381660	NHLH2;NHLH2	0.0238042	0.599681261604773	0.0971392044553465
cg00929855	6	31783364	HSPA1A;HSPA1L;HSPA1A	0.0249482	1.07014863657023	0.0971392044553465
cg04220579	7	915756	C7orf20	0.00966809	0.53160622083214	0.0971392044553465
cg09217023	3	9394237		-0.0888773	-0.182712903200915	0.0971392044553465
cg16259886	2	32265121	DPY30	0.023834	0.730407870103392	0.0971392044553465
cg18838941	10	15376939	FAM171A1	-0.00790557	-0.011722759632983	0.0971392044553465
cg23828635	10	14642921	FAM107B	-0.0519412	-0.0862946265650665	0.0971392044553465
cg13499067	11	10879629	ZBED5;ZBED5	0.0298143	1.10955848156195	0.0971392044553465
cg04378177	9	100505109		-0.037812	-0.0614610123339234	0.0971392044553465
cg10519154	11	67212322	CORO1B;CORO1B	0.00688178	0.0104154422435993	0.0971392044553465
cg10780164	10	135149009	CALY	0.00986699	0.7599326023285	0.0971392044553465
cg16808455	18	12309071	TUBB6	0.0335702	0.471202649777177	0.0971392044553465
cg24445840	22	34292239	LARGE;LARGE	-0.0441299	-0.0800350956172378	0.0971392044553465
cg18021265	2	220462522	STK11IP	0.00371383	0.295003056280063	0.0971392044553465
cg01600100	12	96794307	CDK17;CDK17	0.0314165	0.289289314461773	0.0971392044553465
cg27190946	15	32639011		0.0451917	0.814387116064525	0.0971392044553465
cg12380209	10	120515094	C10orf46	0.00638668	0.647794232742701	0.0971392044553465
cg07342403	6	131081554		-0.0316058	-0.0501569644842207	0.0971392044553465

cg11105718	8	102586527	GRHL2	-0.0602998	-0.135937569260882	0.0971392044553465
cg10017641	1	203606297	ATP2B4;ATP2B4	-0.0621275	-0.105971695479026	0.0971392044553465
cg02573276	1	2344586	PEX10;PEX10	0.00551886	0.336077948294346	0.0971392044553465
cg24145357	7	92219539	FAM133B;FAM133B;FAM133B;FAM133D;FAM133B	0.0438736	0.838960302166194	0.0971392044553465
cg12442015	1	2323763	MORN1;RER1	0.0123631	0.623744892237704	0.0971392044553465
cg09602251	10	25245759		-0.0539925	-0.10197205114379	0.0971392044553465
cg18008202	2	131100479	IMP4;CCDC115	0.0267309	0.696781157395487	0.0971392044553465
cg16734281	18	43684176	ATP5A1;ATP5A1;HAUS1;HAUS1	0.022626	0.815796722590457	0.0971392044553465
cg16364833	2	70121066	SNRNP27	0.0209897	0.617526693706062	0.0971392044553465
cg26968387	19	37569268	ZNF420	0.00423363	0.321685735541239	0.0971392044553465
cg14310703	3	126006903		0.0252508	0.468776899642106	0.0971392044553465
cg01988459	11	68622903		0.0172022	0.4808775670722	0.0971392044553465
cg13360126	14	52292059		-0.0404004	-0.0667018903293892	0.0971392044553465
cg19196684	1	53608037	SLC1A7	-0.023936	-0.0380090658574126	0.0971509674954701
cg26263043	3	39262442		-0.0359014	-0.253071167425549	0.0971509674954701
cg03649606	16	89501735	ANKRD11	-0.0519164	-0.102379878474101	0.0971509674954701
cg22711430	17	53418967		-0.0224925	-0.0353089265703771	0.0971509674954701
cg06186663	14	81687575	GTF2A1;GTF2A1;GTF2A1	0.0103743	0.448480523707902	0.0972403512064214
cg11573637	6	41755210	TOMM6;TOMM6	0.0169283	0.770875925398104	0.0972403512064214
cg15554875	2	45236686	SIX2	0.0180449	0.452445222854809	0.0972437984886374
cg04025889	20	32891089	AHCY;AHCY;AHCY	0.00637501	0.289129819090631	0.0972437984886374
cg19510792	5	16935695	MYO10	0.00694837	0.369609584489084	0.097256766073146
cg00287831	3	184081167	POLR2H	0.0115159	0.561239927697744	0.0972598314084044
cg22629515	1	243712954	AKT3;AKT3	-0.039824	-0.039994463941562	0.0972896471212305
cg04613990	3	49096748	QRICH1;QRICH1	-0.077406	-0.147815344329603	0.097298752294498
cg25801746	8	9046480		-0.0399974	-0.0647784621095468	0.097298752294498
cg16930880	2	177373410		-0.0606477	-0.118095198652939	0.0972999594285597
cg01727346	22	45596797	C22orf9;C22orf9	-0.0814043	-0.16963319115713	0.0972999594285597
cg26560222	1	50888826	DMRTA2;DMRTA2	0.017569	0.395404028367604	0.0972999594285597
cg08588104	6	15494473	JARID2;JARID2	-0.0343435	-0.0530985739996355	0.0972999594285597
cg12442376	1	38869276		-0.0470784	-0.0793600924102757	0.0972999594285597
cg11826116	22	39916314	ATF4;ATF4	0.0233832	0.888434102196265	0.0972999594285597
cg22114242	12	110376950	GIT2;GIT2;GIT2;GIT2;GIT2;GIT2;GIT2;GIT2;GIT2	0.00692602	0.0103354112833521	0.0972999594285597
cg22183049	5	139143972		0.0144089	0.488572649898027	0.0972999594285597
cg09210331	6	7108204	RREB1;RREB1;RREB1;RREB1;RREB1;RREB1;RREB1	0.0225634	0.756451778648312	0.0972999594285597
cg10092374	17	79988647	RAC3;LRRC45	0.00983194	0.614521730566776	0.0972999594285597
cg07837102	6	32940879	BRD2;BRD2	0.0133592	0.365080583536294	0.0972999594285597
cg14576258	9	88513789		-0.0325975	-0.0573747955321205	0.0972999594285597
cg13246328	12	28179213		-0.0510545	-0.104480460173782	0.0974642850658026
cg21647170	7	56119546	CCT6A;PSPH;CCT6A	0.0195124	0.380311112285465	0.0974642850658026
cg23709617	10	135030554	KNDC1	0.00694653	0.0102687140218129	0.0974642850658026
cg17967429	10	90711500	ACTA2;ACTA2	0.0117439	0.0175165635168293	0.0974642850658026
cg00934997	14	73957439	C14orf169;HEATR4	0.02606	0.214553349562155	0.0974642850658026
cg10216074	2	25467197	DNMT3A;DNMT3A;DNMT3A;DNMT3A;DNMT3A	0.015398	0.0250343076139353	0.0974642850658026
cg24608684	6	130686865		0.0348688	0.829719382602233	0.0974642850658026
cg10494282	1	44440945	ATP6V0B;ATP6V0B	0.0388412	0.48558540637926	0.0974687993320465
cg21813478	20	2645987	IDH3B;IDH3B;IDH3B	-0.0491717	-0.080512207556799	0.0974687993320465
cg13870080	11	19303281		-0.102048	-0.221473789001999	0.0974687993320465
cg26902735	15	64679755	TRIP4;KIAA0101	0.00398919	0.388162660631123	0.0974687993320465
cg24931017	20	59600990		0.0059908	0.0080940469373674	0.0974687993320465
cg12467096	11	71936303	INPL1	0.0123696	0.590196784046286	0.0974687993320465
cg17552958	2	74734862	PCGF1	0.0101858	0.45435413148551	0.0974687993320465
cg10822418	8	61430157	RAB2A	0.0180252	0.47887899384585	0.0974687993320465
cg14856684	14	65439245	RAB15	0.00809957	0.410080254561945	0.0974687993320465
cg00658427	14	102431823	DYNC1H1	0.0078433	0.285882088475482	0.0974687993320465
cg24926008	4	140374789	RAB33B	0.0151742	0.928015763566676	0.0974687993320465
cg17846194	12	49485900	DHH	0.0105995	0.313353783583756	0.0974687993320465
cg00993710	7	150722703	ATG9B	-0.0529409	-0.0945819554191462	0.0974687993320465
cg04832767	7	96632841	DLX6AS	0.00922232	0.370408303178588	0.0974687993320465
cg23965429	14	99740998		0.0384759	0.501704637958639	0.0974687993320465
cg01188574	19	925914	ARID3A	0.0165574	0.583658325042038	0.097487839112932
cg03598754	17	26711803	SARM1	0.0605669	0.660936716020076	0.0974966086427733
cg26756119	2	71836673	DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF;DYSF	-0.0513168	-0.0927314570722934	0.0975440257156536
cg21354621	12	46384284	SFRS2IP;SFRS2IP	0.00992794	0.417690902355736	0.0975440257156536
cg27334906	1	100443213	SLC35A3;SLC35A3;SLC35A3	-0.0365914	-0.0581693125454442	0.0975440257156536
cg00371926	18	55289231	NARS	0.0157407	0.32364462994798	0.0975440257156536
cg03185820	7	149158252	ZNF777	0.0108509	0.404633088642033	0.0975440257156536
cg18586919	19	40005649	SELV	0.00367227	0.282032141642873	0.0975440257156536
cg01810763	12	104683571	TXNRD1;TXNRD1;TXNRD1;TXNRD1	-0.0628681	-0.147850082562503	0.0975440257156536
cg20018267	7	138145918	TRIM24;TRIM24	0.00516847	0.486313383749317	0.0975553260361899
cg17050724	17	79008885	FLJ90757;BAIAP2;BAIAP2;BAIAP2;BAIAP2	0.026829	0.334412652985919	0.097598251185222
cg23004862	5	175669020	C5orf25	-0.0314354	-0.0501708946274056	0.097598251185222
cg24123355	14	102904584	TECPR2	0.0276512	0.601400500479099	0.097598251185222
cg03210277	1	26233332	STMN1;STMN1;STMN1;STMN1;STMN1	0.0126971	0.37569859933908	0.0976239424882612
cg07808805	13	52487022		-0.0307314	-0.0599892429064045	0.0976239424882612
cg10204807	1	234350515	SLC35F3	0.00905716	0.443365298760855	0.0976239424882612
cg16858898	1	15479872	TMEM51;TMEM51;TMEM51;TMEM51;C1orf126	0.0184512	0.480361694204561	0.0976239424882612
cg25048357	11	118955763	HMB5	0.0241236	0.692179451615493	0.0976239424882612
cg05694921	1	29587117	PTPRU;PTPRU;PTPRU	0.0366123	0.390887880864671	0.0976239424882612
cg03115081	17	74722049	C17orf95;JMJ D6;JMJ D6	0.00561189	0.450902421261896	0.0976239424882612
cg00494761	2	86564659	REEP1;REEP1;REEP1;REEP1;REEP1;REEP1	0.0188873	0.50760807493419	0.0976239424882612
cg13385156	4	1750374		0.00844176	0.306565516330667	0.0976239424882612

cg12938425	14	104605300	KIF26A	0.0143426	0.476803165237093	0.0976441713770261
cg06388206	1	85514343	MCOLN3;MCOLN3	0.00879066	0.440562071098612	0.0976441713770261
cg01399981	16	87812658		0.0127438	0.478569855373634	0.0976441713770261
cg14905657	12	16760048	LMO3;LMO3	-0.0383318	-0.131198565108907	0.0976441713770261
cg25754449	8	145670366	TONSL	0.0274462	1.21988740710483	0.0976461934558231
cg05673534	2	233750541	NGEF;NGEF	-0.0479674	-0.0796951749374154	0.0976461934558231
cg25496627	7	123177030		-0.0597465	-0.109404344639498	0.0976461934558231
cg03760387	16	19566823	C16orf62	0.00992996	0.389857986142347	0.0976461934558231
cg02584459	10	91295421	SLC16A12	0.0224261	0.405364921899116	0.0976461934558231
cg10087092	20	62711744	RGS19;OPRL1;RGS19;OPRL1	0.0116992	0.31441321874429	0.0976461934558231
cg17564074	11	66080543		0.010489	0.476231687445197	0.0976461934558231
cg10583414	12	48207063	HDAC7;HDAC7	0.00994914	0.581065008167342	0.0976461934558231
cg16854524	4	83931902	LIN54;LIN54;LIN54;LIN54;LIN54	0.0221565	0.461918740509557	0.0976461934558231
cg18934409	19	35167332	ZNF302;ZNF302	-0.00984019	-0.0148371223954837	0.0976461934558231
cg24953506	1	12079889	MIIP	0.0148162	1.18016546348556	0.0976461934558231
cg11394151	11	2372295		-0.0577189	-0.0930101844864254	0.0976461934558231
cg07129595	6	116883961		-0.0514945	-0.0976630696546289	0.0976461934558231
cg13405423	8	42011090	AP3M2;AP3M2	0.00637675	0.438228997498351	0.0977157487500235
cg15387286	7	81638429	LOC101927356;LOC101927356;CACNA2D1	-0.0536388	-0.0994674103882199	0.0977157487500235
cg09881865	19	46234197	FBXO46	0.00737296	0.440889642758671	0.0977157487500235
cg19011063	5	170171465		0.0180182	0.701871275646364	0.0977157487500235
cg16372275	3	183856658	EIF2B5	-0.0381253	-0.0620868856214026	0.0977157487500235
cg19406040	1	110527169	AHCYL1	0.0315326	0.633643556181958	0.0977684750089273
cg21235465	18	48509680	ELAC1	-0.0445405	-0.07320305881537534	0.0977684750089273
cg11674373	10	7708997	ITIH5;ITIH5	0.0157828	0.594126183932058	0.0977684750089273
cg09091206	11	57508985	C11orf31;C11orf31;TMX2-CTNND1	0.00551939	0.359904170562092	0.0977684750089273
cg14743055	21	43430222	ZNF295;ZNF295;ZNF295	0.0123738	0.477671086856557	0.0977684750089273
cg00991794	6	125284212	STL	0.0158516	0.695123254600792	0.0977684750089273
cg16761035	7	94285397	SGCE;PEG10;SGCE;PEG10;SGCE	0.0580134	0.736944099320171	0.0977684750089273
cg26407504	2	96068329	FAHD2A	0.00673283	0.492357633110451	0.0977684750089273
cg02756152	11	62559437	TMEM223	0.00683809	0.467030994708532	0.0977684750089273
cg01900557	2	56152001	EFEMP1;EFEMP1	-0.0400659	-0.0665184442333771	0.0977838276877468
cg11732855	17	4046412	ZZEF1;CYB5D2;CYB5D2;CYB5D2	0.00676693	0.450659717797602	0.0977838276877468
cg22502962	2	95652521		-0.0334753	-0.0635722171912413	0.0977838276877468
cg17713864	17	48784765	ANKRD40	0.00969248	0.350273870691383	0.0977838276877468
cg27100316	1	151735804	OAZ3;MRPL9	0.0060594	0.473503322826994	0.097815661138673
cg00449899	8	53626436	RB1CC1;RB1CC1	0.022969	0.78858852600642	0.097815661138673
cg11691170	11	130318691	ADAMTS15	0.0360962	0.615855345901301	0.097815661138673
cg08343754	5	73980834	HEXB	0.0192762	0.458466082694391	0.097815661138673
cg16975576	17	17991081	DRG2	0.0280583	0.780574909758507	0.097815661138673
cg18493207	9	107526321	NIPSNAP3B;NIPSNAP3B;NIPSNAP3B;NIPSNAP3B	0.0238563	0.591919935833236	0.097815661138673
cg25103172	2	95825271	ZNF514	0.0141509	0.634148577854232	0.097815661138673
cg10233133	1	227505598	CDC42BPA;CDC42BPA;CDC42BPA;CDC42BPA	0.00461123	0.341542512925828	0.097815661138673
cg06364629	2	27592939	EIF2B4;SNX17;EIF2B4;EIF2B4	0.0178092	0.675261238729145	0.097820822918348
cg02701615	3	14755338	C3orf20	-0.0108551	-0.0165263815533295	0.0978872819582686
cg00190900	17	71170372		0.00455054	0.00668951244955317	0.0978872819582686
cg03787210	8	141521272	CHRAC1;CHRAC1;CHRAC1	0.0174504	0.806404452050939	0.0978872819582686
cg17400229	21	44527180	U2AF1;U2AF1;U2AF1	0.00752061	0.519399542002839	0.0978872819582686
cg20166204	3	67048633	KBTBD8	0.00773804	0.471595554879592	0.0978872819582686
cg11777782	19	18284937	IFI30	0.0484517	0.514582069524087	0.0978872819582686
cg07636095	6	27759817		0.0267814	0.748419333041545	0.0978872819582686
cg13180110	8	9008352	PPP1R3B;PPP1R3B	0.00626454	0.339830098614728	0.0978872819582686
cg21897413	5	176944084	DDX41	0.0131023	0.782273282571863	0.0979230651306459
cg14432797	20	44261290	WFDC9	-0.0300489	-0.0511794693938904	0.0980040271242102
cg01956354	22	38349940	C22orf23;POLR2F	0.0271135	0.493527413960874	0.0980097805923784
cg14809705	17	33814817	SLFN12L	0.00930775	0.29725924317332	0.0980097805923784
cg04887328	17	16945603	MPRIP;MPRIP	0.0120798	0.590286579507277	0.0980097805923784
cg02985139	13	112620260		-0.0363171	-0.0617626461326118	0.0980097805923784
cg16751764	10	82168743	C10orf58	0.0405427	0.629161551269719	0.0980097805923784
cg07575812	5	138883510		-0.0211669	-0.0323649737530469	0.0980097805923784
cg23959009	4	83352458	ENOPH1;HNRPD;HNRPD	0.0125764	0.666716606817786	0.098058806849051
cg24705286	16	27215306	JMJD5;JMJD5;JMJD5	0.0380714	0.978074698512519	0.09807822609974
cg21108767	7	99933721	PILRB;PMS2L1;PILRB	0.0273125	1.26015774862003	0.09807822609974
cg10334739	11	118376683	KMT2A;KMT2A	0.00669584	0.00994626860398026	0.09807822609974
cg03877058	7	129094356	STRIP2;STRIP2;STRIP2;STRIP2	-0.041621	-0.0656795973833229	0.09807822609974
cg17130567	12	66218057	HMG2;RPSAP52;HMG2	0.0356145	0.679276316219966	0.0980897710698431
cg23526204	20	43992176	SYS1;SYS1-DBNDD2	0.0470537	0.616246463468421	0.0980928387071715
cg14805303	11	118984815	C2CD2L;C2CD2L	0.00834282	0.012585101976224	0.0980928387071715
cg08317416	19	52703857	PPP2R1A;PPP2R1A	-0.070843	-0.129948577379242	0.09810412527671
cg05474467	6	38608039	BTBD9;BTBD9	0.00685071	0.318817054935414	0.09810412527671
cg07818869	11	6495247	TRIM3;TRIM3	0.0373626	0.333774190594524	0.09810412527671
cg04801971	19	46011889	VASP	0.00378615	0.32926442841641	0.09810412527671
cg16308174	11	70049109	FADD	0.00921498	0.546933190312059	0.09810412527671
cg18069309	15	42867567	STAR2D9	0.00427771	0.365809771480021	0.0981084190236303
cg08730330	17	61904790	PSMC5;FTSJ3;FTSJ3	0.0285435	0.770383447531305	0.0982051247094847
cg14848284	2	73143293	EMX1	0.00733189	0.668573966815062	0.0982051247094847
cg22448601	2	220253383	DNPEP	0.014608	0.567459447260103	0.0982051247094847
cg20190456	17	1897935	RTN4RL1	-0.0460671	-0.0893062703107666	0.0982097293960118
cg17431657	7	99528556	GJC3	0.00483417	0.00710707452461653	0.0982097293960118
cg22373392	17	45973408	SP2	0.00281329	0.399391846056694	0.0982394369804626
cg04242499	5	140749745	PCDHGA4;PCDHGB3;PCDHGA1;PCDHGA5;PCDHGB1;PCDHGA3;PCDHGB3;PCDHGA	-0.0440035	-0.479731470238667	0.0982469738601786
cg00177632	9	34380890	C9orf24;C9orf24;C9orf24;C9orf24;C9orf24;C9orf24;C9orf24	0.00480135	0.303926680718537	0.0982469738601786

cg07058132	16	1755945	MAPK8IP3;MAPK8IP3	0.0262478	0.650846315499682	0.0982469738601786
cg17347396	1	54327155	YIPF1;YIPF1;YIPF1	0.00330708	0.00485904075835801	0.0982469738601786
cg10337377	16	55746561		0.0234904	0.542263013665906	0.0982469738601786
cg26577993	16	89993032	TUBB3	0.0323439	0.341600547446871	0.0982469738601786
cg06600200	19	49455351		-0.0496726	-0.0959773657583543	0.0982469738601786
cg06890291	7	1542315	INTS1	-0.0194055	-0.0298323713664546	0.0982528587619489
cg27159429	3	160938964	NMD3	0.00585331	0.496066668766122	0.0982543837110801
cg08869383	1	11865661	CLCN6;CLCN6;MTHFR;CLCN6;CLCN6	0.0097274	0.46374576588013	0.0982543837110801
cg13942312	8	1995593	MYOM2	0.0105906	0.0161866639382423	0.0982743841251369
cg18539474	1	113933413	MAGI3;MAGI3	0.00665293	0.474910578183164	0.0982743841251369
cg23816619	15	78730509	IREB2	0.018859	1.22269644770086	0.0982743841251369
cg10437652	5	180288206	ZFP62	0.0256684	0.360912162548855	0.0982748031925757
cg09620687	11	109567254		0.00507735	0.00845693843058228	0.0982797018333889
cg02604839	5	52897443	NDUFS4	-0.0819162	-0.159481440524439	0.098290585878593
cg04426620	10	977622		0.00812607	0.50814813198709	0.0982955707809096
cg01457653	16	67193218	FBXL8;TRADD	0.00462134	0.42416055544505	0.0982955707809096
cg04292718	1	208084456	CD34;CD34;CD34;CD34	0.0154969	0.798062367303037	0.0983079262790802
cg21712729	17	41910036	MPP3;MPP3	0.0130015	0.409375741135933	0.0983079262790802
cg07899077	22	38083744	NOL12	-0.0396866	-0.0678143172758719	0.0983373346706227
cg05338317	19	10679934	CDKN2D;CDKN2D	-0.003594	-0.351711201658899	0.0983373346706227
cg14258555	19	50180725	PRMT1;PRMT1;PRMT1	0.0354821	1.46313527488925	0.0983373346706227
cg04063194	19	45596745		0.0212776	0.678777386781506	0.0983373346706227
cg26963797	16	51189291		0.0221837	0.304680093983757	0.0983373346706227
cg25951811	14	96858416	AK7	0.0625724	0.536171130772347	0.0983373346706227
cg03726000	16	19134308		-0.0130786	-0.0195880370943582	0.0983373346706227
cg09281539	20	20693126	RALGAP2;RALGAP2	0.034814	0.729374576690242	0.0983373346706227
cg21010407	1	46955679		0.0330698	0.373701110977802	0.0983373346706227
cg06081517	21	45553342	C21orf33;C21orf33	0.00482945	0.526443231172569	0.0983373346706227
cg21679169	1	150518766		-0.0343308	-0.0531983909001674	0.0983373346706227
cg01419479	1	182360822	GLUL;GLUL;GLUL;GLUL;GLUL	0.00560443	0.595856341239986	0.0983373346706227
cg26497076	12	122512410		-0.0760371	-0.155679331091439	0.0984214417279196
cg26483432	1	149815043	HIST2H2AA3;HIST2H2AA4	0.0174769	0.665461584885931	0.0984214417279196
cg09053907	4	75720055	BTC	0.033925	0.48625990959119	0.098480950324491
cg23994051	10	112432175	RBM20	0.0389447	0.839766933560305	0.098480950324491
cg06514344	19	17905835	B3GNT3	0.0139344	0.461175683829604	0.098480950324491
cg12164321	10	125651085	CPXM2	0.0501537	0.522478882494707	0.098480950324491
cg00115180	11	61196867	SDHAF2;CPSF7;CPSF7;CPSF7	0.00898039	0.45436995445411	0.098480950324491
cg19060203	11	70150660	PPFIA1;PPFIA1	-0.0385348	-0.0618034776069273	0.0984899315378517
cg03242101	16	67143792	C16orf70	0.02512	0.621690115467872	0.0984899315378517
cg20720059	2	14772731	FAM84A	0.00712103	0.558730923509042	0.0984899315378517
cg25090569	5	156974558	ADAM19	-0.0331264	-0.0526559797522243	0.0984899315378517
cg10326891	4	88343821	NUDT9;NUDT9;NUDT9;NUDT9	0.049462	0.621280204215685	0.0984899315378517
cg21158896	11	17099219	RPS13;RPS13	0.00532262	0.457109889110886	0.0984899315378517
cg22597783	1	51984800	EPS15	0.023595	0.51149764354938	0.0984899315378517
cg09979728	19	41903455	BCKDHA;EXOSC5;BCKDHA	0.00580079	0.482467153880986	0.0984899315378517
cg08278741	19	36736477		0.0367747	0.616365466721377	0.0984899315378517
cg22279504	16	54319404	IRX3	0.0069287	0.336818767159038	0.0984899315378517
cg26599542	14	31028234	G2E3;G2E3	0.026153	0.577428977529758	0.0984899315378517
cg06322891	1	23504425		0.0222138	0.592722093894623	0.0984899315378517
cg01110356	6	27357008	ZNF391	0.00563235	0.389198764908254	0.0984899315378517
cg10194352	16	55422784		-0.101896	-0.211275659787828	0.0984899315378517
cg05874561	4	154709828	SFRP2	0.0127746	0.549731399641274	0.0984899315378517
cg16579347	3	155572233	SLC33A1	0.0101085	0.671177399482868	0.0984899315378517
cg04569888	16	30538518	ZNF768	0.0158676	0.608996042999733	0.0984899315378517
cg12221212	1	156447424		0.010503	0.518059986480234	0.0984899315378517
cg13788479	15	76005247	CSPG4	0.00847249	0.32305515552092	0.0984899315378517
cg02505554	1	202779959	PCAT6;PCAT6	0.0144835	0.508949477979908	0.0984899315378517
cg00939627	16	4994685		-0.0670682	-0.155990983492983	0.0984899315378517
cg13564289	20	62680977	SOX18;SOX18	0.00608998	0.293569692123539	0.0984899315378517
cg07773137	14	73603071	PSEN1;PSEN1	0.029442	0.875247426581122	0.0984899315378517
cg14468408	9	128719060	PBX3;PBX3;PBX3;PBX3	-0.014433	-0.0215903325977921	0.0984899315378517
cg21862100	22	40102855		-0.0358871	-0.0638126827346998	0.0984899315378517
cg25507508	2	59661318		-0.023918	-0.0368484033321315	0.0984899315378517
cg18481187	6	153472898		-0.0230362	-0.037205914327011	0.0984899315378517
cg05381183	1	162025719		-0.0505725	-0.106931675710062	0.0984899315378517
cg20493469	17	76626198	LOC101928710;LOC101928710	0.00825715	0.0122819945710048	0.0984899315378517
cg04197632	2	11566584		-0.00991364	-0.0148058392108325	0.0984899315378517
cg03095800	16	67208728	NOL3	0.0436253	0.286441104663336	0.0984899315378517
cg06409977	17	61920084	SMARCD2;SMARCD2	0.00849433	0.472060801677237	0.0984899315378517
cg12198977	2	38623389		-0.0198279	-0.0320517136929156	0.0984899315378517
cg22309051	8	26870611		-0.0614191	-0.1200047918939	0.0984899315378517
cg21722700	1	54691740	SSBP3;SSBP3;SSBP3	0.00221818	0.0032720860056189	0.0984899315378517
cg09989644	1	156358119		0.0395753	0.514127105225022	0.0984899315378517
cg24826645	13	113952209	LAMP1	0.0114251	0.501026740823669	0.0984899315378517
cg09690659	20	33680871	TRPC4AP;TRPC4AP	0.0188452	0.79145968230665	0.0984899315378517
cg10235961	3	48471218	PLXNB1;PLXNB1	0.0130617	0.431471322167486	0.0984899315378517
cg16790682	12	57984821	PIP4K2C;PIP4K2C;PIP4K2C;PIP4K2C	0.0088776	0.526896735027454	0.0984899315378517
cg14615342	8	81451707		-0.056525	-0.0964807480654003	0.0984899315378517
cg23048660	19	45004795	ZNF180	0.0127622	0.418858062994796	0.0984899315378517
cg03655683	2	63281383	OTX1	0.0154418	0.37780563594026	0.0984899315378517
cg05939335	9	124132520	STOM;STOM;STOM;STOM	0.0231994	0.574146584490963	0.0984899315378517
cg25751198	12	109729573	FOXN4	0.0250768	0.51155921363405	0.0984899315378517

cg00659495	12	54520336	LOC400043		0.0151259	0.546195314973128	0.0984899315378517
cg09090048	11	134093731	VPS26B;NCAPD3		0.0510428	0.450985233986898	0.0984899315378517
cg12307014	12	51403966	SLC11A2;SLC11A2;SLC11A2;SLC11A2;SLC11A2;SLC11A2;SLC11A2;SLC11A2	-0.0388877	-0.0651218439227533		0.0984899315378517
cg01671285	1	17765232	RCC2;RCC2		0.00957776	0.571452680945267	0.0984899315378517
cg24609530	11	18610297	UEVLD;UEVLD		0.0410615	0.751922383206929	0.0984899315378517
cg11973777	8	8244085			0.0301427	0.478877691480675	0.0984899315378517
cg21833572	1	3817804	LOC100133612;C1orf174		0.00682328	0.518899912095351	0.0984899315378517
cg13460465	19	12572864	ZNF709;ZNF709	-0.06971	-0.124543660459304		0.0984899315378517
cg01118321	1	45666712	ZSWIM5	-0.0667172	-0.111905885361132		0.0984899315378517
cg02397124	6	33168279	SLC39A7;SLC39A7;RXRB;RXRB		0.00861449	0.565927885799044	0.0984899315378517
cg05171921	7	157917118	PTPRN2;PTPRN2;PTPRN2	-0.0496632	-0.0893271997390624		0.0985345873976943
cg00469795	21	38445171	PIGP;TTC3;PIGP;PIGP		0.0122914	0.492936158673367	0.0985345873976943
cg18951977	14	54421397	BMP4;BMP4;BMP4		0.013823	0.516556719976504	0.0985345873976943
cg08980837	1	91172337			0.00528396	0.37276582926136	0.0985579136413622
cg14789178	19	5904119	VMAC;NDUFA11		0.0398405	0.611789564362576	0.0986085145760862
cg00427086	15	52861396	ARPP19		0.00963449	0.536935212788883	0.0986116260758758
cg21157107	9	110399894			0.0409743	0.254084751954934	0.0987080432217433
cg05888406	7	5280109			0.00558277	0.424268555668805	0.0987080432217433
cg20015921	15	41099716	ZFYVE19;ZFYVE19;DNAJC17		0.019997	0.66125162821626	0.0987402556106472
cg14094277	2	159036756	CCDC148-AS1;CCDC148;CCDC148	-0.0497779	-0.0847653354862372		0.0987402556106472
cg13519464	19	9938554	UBL5;UBL5		0.0128058	0.766657636444562	0.0987402556106472
cg14500801	4	49204696			-0.0865527	-0.247483467862058	0.0987402556106472
cg23098139	2	10260288			0.00867127	0.370189792923093	0.0987702007499148
cg10865368	19	36134154	ETV2		0.0142072	0.570958201769915	0.0988011164590027
cg25671400	1	100502496	HIAT1	-0.0244914	-0.0374829052036782		0.0988080640647954
cg09551996	11	69455530	CCND1		0.0186677	0.359207747710757	0.0988277938268281
cg18275495	19	10527334	PDE4A		0.0148141	0.64175737854565	0.0988277938268281
cg08786822	4	3109268	HTT	-0.00506059	-0.00743983167498056		0.0988277938268281
cg21737024	16	30441289	DCTPP1	-0.00153076	-0.202971996625228		0.0988277938268281
cg21778810	5	139493680	PURA		0.0205365	0.464360876927842	0.0988277938268281
cg01929065	12	56122634	CD63;CD63		0.00477876	0.47225113817084	0.0989375059087766
cg06730340	3	9811714	CAMK1		0.0337656	0.604979120939132	0.0989375059087766
cg12093371	10	130339316			0.00835792	0.349717846352686	0.0989375059087766
cg12641569	11	70601781	SHANK2		0.0121834	0.740695322396621	0.0989375059087766
cg05341610	19	57701430	ZNF264	-0.103669	-0.248372867126258		0.098944927788196
cg11797226	17	27028982	SUPT6H	-0.0122184	-0.0181266011752784		0.099016272604799
cg25652592	1	1590640	CDK11B;CDK11B;CDK11B;CDK11B;CDK11B	0.0119676	0.598257291808503		0.099016272604799
cg21634331	19	12985203	MAST1	-0.0211825	-0.0326818945832885		0.099016272604799
cg03443205	2	43454133	LOC100129726;ZFP36L2	0.0323977	0.900143148758869		0.0990761038409221
cg18430990	1	1475941	TMEM240	0.0288198	0.746508373192493		0.0990766729759953
cg01116831	16	2190356			0.00774247	0.0117584715187305	0.0990766729759953
cg12251760	9	130548442	CDK9	0.0282342	1.02925953196074		0.0990766729759953
cg19160520	1	226927217	ITPKB	-0.0347329	-0.448811447763962		0.0990766729759953
cg16446310	19	56805883			-0.0145147	-0.0216292986543507	0.0990766729759953
cg06807960	7	26904159	SKAP2;SKAP2	0.0202266	1.0046874200632		0.0990766729759953
cg00599043	2	85876697			0.00464391	0.00687839292839026	0.0990766729759953
cg06517246	11	5267724	BGLT3	-0.0474465	-0.0956483168038226		0.0990766729759953
cg05719720	13	25254963	ATP12A	0.023533	0.6275385737077		0.0990766729759953
cg26283170	11	132951950	OPCML	0.0642116	0.184799850575548		0.0990766729759953
cg11469822	12	6493196	LTBR;LTBR	0.0218722	0.452578419105098		0.0990766729759953
cg00898282	9	111775915	CTNNA1;CTNNA1	0.0290221	0.496739702964915		0.0990766729759953
cg20060451	5	179159945	MAML1;MAML1	0.00653799	0.529823790404906		0.0990766729759953
cg20154657	20	49126819	PTPN1	0.00659011	0.85891233657342		0.0990766729759953
cg22729730	5	6687387			0.0282665	0.557823991867032	0.0990766729759953
cg13747962	4	75720334	BTC	-0.0128824	-0.0197069396377647		0.0990766729759953
cg03606214	15	21135690	NF1P1	-0.101749	-0.208615386626829		0.0990766729759953
cg00809934	17	73201268	NUP85;NUP85	0.00812321	0.516502734581856		0.0990766729759953
cg19465165	2	131130103	PTPN18;PTPN18	0.0106552	0.343130707319324		0.0990766729759953
cg09172423	11	62446602	UBXN1	0.00643752	0.534175056499242		0.0990766729759953
cg10684815	11	9336354	TMEM41B;TMEM41B;TMEM41B	0.00751136	0.423748280123725		0.0991048244674048
cg13884470	9	86595151	HNRNPK;HNRNPK;HNRNPK;RMI1;HNRNPK	0.0356939	0.249161515299219		0.0991689591638574
cg26121782	11	8284312	LMO1	0.0256703	0.88052352148946		0.0991689591638574
cg19774424	11	63439334	ATL3;ATL3;ATL3	0.013447	0.699757761860469		0.0991689591638574
cg24688471	1	2542815	MCEL1	0.0353626	0.205121262029394		0.0991689591638574
cg27359308	2	122043034	TFCP2L1	0.0315067	0.495476125500347		0.0991689591638574
cg23680535	6	36900905		-0.0156079	-0.0234652478407269		0.0991689591638574
cg10243684	6	142393383		-0.035275	-0.0745932415358243		0.0991689591638574
cg12100751	1	109203672	C1orf59;C1orf59;C1orf59	0.0129724	0.533284770918152		0.0991689591638574
cg12585516	4	83123547		-0.0285275	-0.0450898488557602		0.0991689591638574
cg11150308	17	74068434	SRP68	0.0205361	0.534794055850181		0.0991689591638574
cg08739576	7	44144360	AEBP1	0.0223549	0.586203372565199		0.0991689591638574
cg11175310	10	16859107	RSU1;RSU1	0.00889485	0.678698005365849		0.0991689591638574
cg12266953	2	20866261	GDF7	0.00639644	0.408538947145683		0.0991689591638574
cg22344578	8	95908002	CCNE2	0.0107145	0.419141092024226		0.0991689591638574
cg22674717	16	51185394	SALL1;SALL1	0.00820489	0.364504818422306		0.0991689591638574
cg23408670	17	36831499	C17orf96	0.00857806	0.574657493655681		0.0991689591638574
cg04942472	16	58497239	NDRG4;NDRG4	0.0159541	0.425156607160078		0.0991689591638574
cg08747717	16	50186775	PAPD5;PAPD5	0.0177539	0.503206645107069		0.0991689591638574
cg06641959	16	27325254	IL4R;IL4R;IL4R;IL4R	0.00599691	0.373176340563501		0.0991689591638574
cg25722431	7	98630446	LOC101927550;SMURF1;SMURF1;SMURF1	-0.0490116	-0.0795628058422907		0.0991689591638574
cg11691298	2	26396787	FAM59B	0.0346792	0.422705371905314		0.0991689591638574
cg08154405	1	156164745	SLC25A44;SLC25A44;SLC25A44;SLC25A44	-0.0252631	-0.0397233402141699		0.0991689591638574

cg22112712	4	113557475	ZGRF1;LARP7;LARP7;LARP7;LARP7	-0.0470619	-0.445882390134789	0.0991689591638574
cg00697301	12	19936477		0.0530278	0.0876931967080422	0.0992094950588176
cg01545055	16	67285131	SLC9A5	-0.00928939	-0.0137893819058941	0.0992094950588176
cg19129369	4	155665249	LRAT;LRAT	0.0139727	0.373410614793817	0.0992343573792058
cg02207312	11	60674164	PRPF19	-0.00188888	-0.286067679677004	0.0992435935047242
cg11677933	5	96564720		-0.0511845	-0.0892527538861672	0.0992435935047242
cg20196129	10	31609347	ZEB1;ZEB1;LOC220930;ZEB1;ZEB1;ZEB1	0.00994259	0.455167387767737	0.0992597764935839
cg20688967	10	70587120	STOX1;STOX1;STOX1;STOX1;STOX1	0.0118336	0.635754461413949	0.0992597764935839
cg22762076	19	7069572	ZNF557;ZNF557;ZNF557;ZNF557;ZNF557;ZNF557	0.0191116	0.741784124980551	0.0992597764935839
cg25773620	3	38071309	PLCD1	0.0161618	0.44595035371771	0.0992597764935839
cg15980735	7	44223845	GCK	-0.0379078	-0.0653541094412472	0.0992626452446087
cg11793978	5	135188477	LOC153328	-0.020547	-0.0319941756107149	0.0992995643413182
cg21715802	8	126424176		-0.0213671	-0.032745887346788	0.0993063564372709
cg09424415	7	23530240	RPS2P32	0.036931	0.179187567108445	0.0993898711611646
cg24828989	17	9579648	USP43;USP43	-0.0442427	-0.0769415166661339	0.0994155319490146
cg22353818	14	104095074	KLC1;KLC1;KLC1	0.00815675	0.5217800145265	0.0994756168685916
cg16838574	3	17784164		0.0324812	0.26125324718752	0.0994756168685916
cg26199906	8	145106246	OPLAH	0.027582	0.61689634992405	0.0994756168685916
cg08042975	2	213402433	ERBB4;ERBB4	0.0302957	0.852380817850502	0.0994756168685916
cg12494528	4	871567	GAK	-0.00532441	-0.00783990231049153	0.0994756168685916
cg13597632	5	43313634	HMGCS1;HMGCS1	0.00852558	0.452109270089775	0.0994756168685916
cg20023231	16	22825282	HS3ST2	0.019751	0.477840980419842	0.0994756168685916
cg27192138	6	11160380		-0.0143822	-0.0217863179532896	0.0994756168685916
cg14010619	19	39612741		0.0367624	0.296486282993766	0.0994756168685916
cg05267934	3	142654877	LOC100507389	-0.055045	-0.108016292937743	0.0994756168685916
cg22659936	3	129930455	COL6A4P2	-0.0278088	-0.042956962196857	0.0994756168685916
cg15209489	10	76819644	DUPD1	-0.0116261	-0.0172185616905448	0.0994756168685916
cg23719091	5	135468815	SMAD5-AS1;SMAD5;SMAD5;SMAD5	0.0119008	0.543786082625207	0.0994756168685916
cg04423696	17	45249385	CDC27;CDC27;CDC27;CDC27	-0.0814126	-0.165531665111146	0.0994756168685916
cg02796905	15	59063699	FAM63B;FAM63B	0.00761433	0.52339292330213	0.0994756168685916
cg15772797	12	123868662	SETD8	0.0256197	1.27331957151659	0.0994756168685916
cg10437425	11	6474577	TRIM3;TRIM3;TRIM3;TRIM3	0.0123227	0.019621979493223	0.0994756168685916
cg14527148	15	80216341	C15orf37;ST20	0.0320312	0.599312265175125	0.0994756168685916
cg20082830	2	232395355	NMUR1	0.019487	0.550927360876442	0.0994756168685916
cg10885414	5	138609328	MATR3;MATR3;MATR3;SNHG4;SNHG4	0.00410977	0.384514972904554	0.0994756168685916
cg11979294	10	103880575	LDB1	0.0335068	0.409439831366956	0.0994756168685916
cg25340121	19	23653200		-0.0540843	-0.09973688994060603	0.0994756168685916
cg00345047	6	71942797		-0.0410971	-0.0777298829826096	0.0994853966326336
cg00010266	8	145734519	MFSD3	0.0217618	0.917246642687987	0.0995236504861325
cg23061046	19	52206224	NCRNA00085	0.0443829	0.332051577885484	0.0995773411534889
cg12981595	17	39254427	KRTAP4-8	-0.107655	-0.190947781598371	0.0995773411534889
cg26208419	5	473447	SLC9A3;LOC25845	0.0154594	0.327630026168242	0.0995773411534889
cg23378706	5	81047486	SSBP2	0.00605003	0.336894751570249	0.0995773411534889
cg06701285	6	30733368		-0.0467928	-0.0918055790285471	0.0996172398450439
cg17606115	3	50266316	GNAI2;GNAI2	0.0107157	0.0163027787251601	0.0996172398450439
cg12614029	11	2160564	INS-IGF2;IGF2AS;IGF2;IGF2AS;IGF2	0.0111487	0.377025390595103	0.0996172398450439
cg06388809	9	130616976	ENG;ENG;ENG;ENG	0.00800378	0.292220575714524	0.099619755791151
cg01053943	2	120239310	SCTR	-0.0109688	-0.0164696595146784	0.099619755791151
cg18425254	13	113549044		0.0241834	0.611456229749515	0.099619755791151
cg16510127	1	156047359	MEX3A	-0.0151837	-0.022844452336848	0.099619755791151
cg19115393	20	59829060	CDH4	0.0109172	0.455361685895092	0.0996227463198512
cg03727342	9	6758683	KDM4C;KDM4C;KDM4C;KDM4C	0.0195819	0.765025069643774	0.0996227463198512
cg19065831	4	48485289	SLC10A4	0.0183542	0.524609131134053	0.0996227463198512
cg16128308	3	49132079	QRICH1;QRICH1	0.00253456	0.294406255054472	0.0996227463198512
cg06927064	15	90776918	CIB1;CIB1;CIB1;GDPGP1;CIB1;CIB1;CIB1;CIB1;CIB1;CIB1;CIB1;CIB1;CIB1;CIB1;CIB1	0.0114768	0.523515014294325	0.0996227463198512
cg17064564	22	29710817	RASL10A;RASL10A	0.0317613	0.599789099479894	0.0996227463198512
cg26859862	16	30389551	SEPT1	0.024383	0.704427672218004	0.0996227463198512
cg14058383	6	28603099		0.00813371	0.309854707216421	0.0996227463198512
cg26938153	7	137686926	CREB3L2	0.00921233	0.538779143915583	0.0996227463198512
cg12587618	11	1979879		-0.0307427	-0.0470587417974371	0.0996227463198512
cg10195567	7	72987827	TBL2	0.00299981	0.00440066328757395	0.0996227463198512
cg01786715	14	65007437	HSPA2;HSPA2	0.00896538	0.582575635400002	0.0996401468984323
cg27070729	16	28964954	NFATC2IP	-0.0127547	-0.0190508706926272	0.0996401468984323
cg00383384	10	57391271		0.0144551	0.532044431005638	0.0996401468984323
cg20192527	10	126077794		0.00845285	0.509087092261193	0.0996401468984323
cg23758016	17	73521635	LLGL2;LLGL2;LLGL2	0.0302499	0.630470651617981	0.0996718613274861
cg15144793	2	235861303	SH3BP4	0.00609464	0.317226003030101	0.0996840623901426
cg08224569	8	142369705	GPR20	0.0600684	0.243675829507528	0.0996840623901426
cg08630962	1	179262864	SOAT1	0.0103243	0.592678881776952	0.0997075159070195
cg05370569	16	23464705	COG7	0.0112257	0.442838186949058	0.0997075159070195
cg13971571	8	6693247	XKR5	0.0115334	0.384116203251004	0.0997075159070195
cg13473179	9	15422943	SNAPC3	0.00967267	0.597330966526156	0.0998304212779876
cg27029077	4	137753156		-0.0817893	-0.178104149802947	0.099931808017003
cg03295933	19	1479358	C19orf25	0.0270405	0.718952412802738	0.099931808017003
cg19095784	6	37070475		0.0144308	0.371494114327654	0.099931808017003
cg05879919	14	102976503	ANKRD9	0.00713512	0.648196802025723	0.099931808017003
cg22043745	8	11565527	GATA4;GATA4;GATA4;GATA4	0.0153138	0.373728961772489	0.0999334499174577
cg10984017	2	121010993	RALB	0.026858	0.798946121034588	0.0999552063464506
cg13777717	5	76250527	CRHBP	0.0510826	0.764089948043319	0.099970941021729
cg11149849	17	1064017	ABR;ABR	-0.0414173	-0.0799107351570193	0.0999948976521798
cg11239016	16	90085722	DBNDD1	0.00428672	0.451883392487494	0.0999948976521798
cg00116628	5	111755514	FLJ11235;EPB41L4A	0.0274019	0.829348661482635	0.0999948976521798

cg20342853	6	15245700	JARID2	0.00293526	0.289141556615811	0.0999948976521798
cg16068620	6	88032455	C6orf162;C6orf162;GJB7	0.015089	0.477666731731662	0.0999948976521798
cg16001793	1	161369711		0.0165686	0.678324330800394	0.0999948976521798
cg00109643	11	85780154	PICALM;PICALM;PICALM;PICALM	0.0157605	0.675879454672502	0.0999948976521798