

CpG	log(Fold change)	logCPM	PValue	FDR	Gene_Symbol	Chromosome	Genomic_Coordinate
cg05343811	-2.080559867	3.614341804	1.05E-12	1.366E-07	NEK9	14	75590896
cg00664697	-2.077126605	3.620015082	1.91E-12	1.4864E-07		16	80061290
cg13784312	-2.055052915	3.666537663	6.93E-14	1.3463E-08	RAPGEF1	9	134609065
cg04456219	-2.011654201	3.685576233	6.42E-14	1.3463E-08		7	17274337
cg11868461	-1.934486988	3.626684322	2.81E-11	1.562E-06		17	75830800
cg22274117	-1.919531141	3.591059326	2.32E-10	5.631E-06	ATXN1	6	16713613
cg10025586	-1.91245197	3.693050689	1.77E-12	1.4864E-07	WHAMM	15	83501699
cg03663556	-1.852040643	3.625729237	2.17E-10	5.631E-06		7	50900556
cg21435684	-1.849676994	3.568785074	1.07E-09	1.7317E-05		17	80255457
cg03063658	-1.837831049	3.627510095	2.17E-10	5.631E-06	SH3RF3	2	109949132
cg23662097	-1.832340784	3.652267737	9.99E-11	3.5278E-06	ITPR1	3	4873008
cg20765408	-1.822371238	3.652452151	9.99E-11	3.5278E-06	PARP4	13	25085669
cg02578087	-1.821982338	3.650497236	2.21E-10	5.631E-06	C3orf32	3	8671361
cg24671734	-1.818784067	3.646986305	7.68E-11	3.5278E-06	BTBD11	12	107909364
cg07165066	-1.813476828	3.633432812	2.94E-10	6.7096E-06	SACS	13	23952576
cg11152384	-1.809298749	3.60341263	1.33E-09	1.9942E-05		11	68934300
cg07474842	-1.802363549	3.620990153	4.95E-10	9.6062E-06	MAP3K5	6	136915088
cg27115863	-1.774819378	3.582253193	3.26E-09	3.9579E-05		22	37921640
cg13942186	-1.77094259	3.609735806	1.88E-09	2.71E-05	EXD3	9	140305942
cg08443563	-1.764133052	3.663193361	3.38E-10	6.9067E-06		2	112456811
cg04786142	-1.761152502	3.628643954	6.61E-10	1.167E-05		1	234908381
cg05471169	-1.760665184	3.555178879	1.66E-08	0.00011249		17	80255419
cg05101437	-1.757641176	3.575580111	7.79E-09	6.7293E-05	CDK6	7	92262970
cg07101841	-1.755301723	3.55066366	8.55E-09	7.0671E-05		17	75315527
cg18082788	-1.743219887	3.56722434	1.17E-08	9.0902E-05	ZC3H12D	6	149806339
cg21708130	-1.74182896	3.663466463	3.38E-10	6.9067E-06	LRRFIP1	2	238596537
cg02389317	-1.733405814	3.674015073	1.88E-10	5.631E-06		12	76577488
cg03498081	-1.722506182	3.655404584	6.03E-10	1.1149E-05		16	80061357
cg08928696	-1.718183158	3.587939556	4.99E-09	4.9144E-05		1	225632889
cg10460946	-1.714642565	3.617313035	2.54E-09	3.5241E-05		17	76247467
cg16736889	-1.707155657	3.658693428	7.27E-10	1.2289E-05	ACSM5	16	20421627
cg25416067	-1.682245872	3.554866644	4.11E-08	0.00021565		17	75315667
cg09029902	-1.681218261	3.605906453	1.28E-08	9.421E-05	ZNF217	20	52199594
cg08918658	-1.675565007	3.586464861	3.76E-08	0.00020312	SYNJ2	6	158447883
cg25343618	-1.672275707	3.645701975	2.81E-09	3.6446E-05		1	156631235
cg11838152	-1.671332117	3.609006115	1.28E-08	9.421E-05	ITGBL1	13	102359110
cg01318557	-1.670150974	3.578609759	2.72E-08	0.00016438	LAT2	7	73624319
cg16709353	-1.668962825	3.649460072	2.81E-09	3.6446E-05	TPCN2	11	68856817
cg04650676	-1.667378814	3.545519127	1.01E-07	0.00038113		17	75315486
cg23683800	-1.663491332	3.57386894	6.31E-08	0.00027839		10	115086103
cg17571559	-1.660447194	3.687330479	1.28E-09	1.9941E-05	HRH1	3	11267525
cg27132471	-1.660173119	3.628290576	9.05E-09	7.1757E-05	SLCO3A1	15	92613280
cg25799109	-1.657817792	3.622105768	1.97E-08	0.00012945	ARHGGEF3;SPAT,	3	57102900
cg03851835	-1.651148762	3.636190567	5.06E-09	4.9144E-05	SLC35F2	11	107711742
cg23680451	-1.649972244	3.591947909	4.96E-08	0.00024515	KLF6	10	3823790
cg06051311	-1.646965334	3.612874698	3.52E-08	0.00019271	TRIM15	6	30131001
cg16925459	-1.643218456	3.651969571	7.04E-09	6.3563E-05	HDAC9	7	18548581
cg03272310	-1.63955955	3.625568584	9.05E-09	7.1757E-05		17	39704454
cg01282174	-1.618212244	3.67384064	4.9E-09	4.9144E-05		11	119630144
cg03000596	-1.606459551	3.607039909	7.66E-08	0.00031332	LAT2	7	73624373
cg26175448	-1.605605377	3.57891175	1.93E-07	0.00055802		17	39072167
cg26170244	-1.60331423	3.561473766	2.41E-07	0.00067392		15	65176353
cg06021088	-1.601425691	3.605324743	2.84E-08	0.00016438	BIN1	2	127822551
cg20979153	-1.59879718	3.569754182	3.32E-07	0.00086422	ZNF217	20	52199748
cg22373770	-1.597098496	3.595237026	4.96E-08	0.00024515		1	9224198

cg14528056	-1.595871527	3.672145818	4.9E-09	4.9144E-05	GBAP1	1	155194782
cg25969122	-1.594500869	3.642058116	1.29E-08	9.421E-05		11	119630362
cg26839512	-1.592006889	3.62782202	4.98E-08	0.00024515	SPATA18	4	52918489
cg00159243	-1.59173141	3.668165111	4.37E-09	4.8549E-05	SELPLG	12	109023799
cg02072495	-1.589183423	3.579431616	1.93E-07	0.00055802	ANXA2	15	60689285
cg23786580	-1.587203618	3.616606135	9.1E-08	0.00035362	HECW1	7	43204506
cg27181375	-1.582539324	3.592243026	1.11E-07	0.00039409		15	74249189
cg00973309	-1.580980008	3.603977154	6.27E-08	0.00027839	LMAN1L	15	75111129
cg17184704	-1.579383665	3.653143806	1.68E-08	0.00011249		10	11727286
cg06135425	-1.57657632	3.697998054	3.16E-09	3.9579E-05	PDE7B	6	136316734
cg23261919	-1.574283981	3.673915772	4.9E-09	4.9144E-05		10	135072960
cg00502926	-1.572879871	3.648854758	3.48E-08	0.00019271	RNASE7	14	21510056
cg26140475	-1.571152029	3.589627002	2.45E-07	0.00067512		8	126525558
cg25508319	-1.56677046	3.647140337	1.48E-08	0.00010473	KCNJ5	11	128778506
cg12435551	-1.560120312	3.605047955	1.66E-07	0.00052721	SPAG17	1	118679290
cg20749059	-1.559050339	3.66567162	2.06E-08	0.00013318	ARHGFEF3;SPAT,	3	57094404
cg13921921	-1.555330574	3.632100839	5.73E-08	0.00026163	ARHGFEF2	1	155931763
cg17501395	-1.55267057	3.583510705	5.39E-07	0.00124239	ZC3H12D	6	149806331
cg09678939	-1.552194921	3.620682823	1.06E-07	0.0003867	ZC3H12D	6	149806081
cg26534425	-1.5513657	3.589094811	2.45E-07	0.00067512	IL18	11	112034925
cg27549186	-1.550181516	3.654769746	1.68E-08	0.00011249	TIMP2	17	76858248
cg15978565	-1.543506464	3.61059771	1.94E-07	0.00055802	LPIN1	2	11894464
cg19136632	-1.542481135	3.560071181	5.6E-07	0.00127952	ARL6IP5	3	69133862
cg04275695	-1.540696328	3.574810827	4.32E-07	0.00105657	ZC3H12D	6	149806273
cg15101245	-1.538438281	3.614756031	1.94E-07	0.00055802		1	156631242
cg26680608	-1.537964226	3.708734867	7.2E-09	6.3563E-05	MAP3K5	6	136915556
cg02633924	-1.537572552	3.548094062	9.2E-07	0.00176215	9-Sep	17	75315563
cg17541002	-1.535892937	3.707606952	7.2E-09	6.3563E-05	CAMKK2	12	121714889
cg00806644	-1.533582753	3.606378722	1.66E-07	0.00052721		10	126889815
cg26366091	-1.5335606	3.659174434	3.84E-08	0.00020423	CHI3L2	1	111770274
cg11786870	-1.533014115	3.591801775	6.48E-07	0.00143942		1	203576481
cg20968743	-1.531553972	3.546771083	9.2E-07	0.00176215	TSPAN18	11	44883965
cg14204586	-1.52983346	3.639534467	6.46E-08	0.00028188	ARHGFEF2	1	155931858
cg09716613	-1.529177887	3.644173638	7.16E-08	0.00030226	N4BP2L1	13	33000534
cg07283896	-1.526486849	3.583574795	5.39E-07	0.00124239		6	11855283
cg07493197	-1.526249868	3.681213688	2.39E-08	0.00015237		17	53573969
cg14118226	-1.523279267	3.606275405	1.66E-07	0.00052721		14	70010567
cg06604289	-1.521851915	3.572227436	9.62E-07	0.00181443	PRDM2	1	14057606
cg13136655	-1.520213025	3.591711992	6.48E-07	0.00143942	ZC3H12D	6	149806131
cg25296103	-1.519226793	3.634052116	1.33E-07	0.00045478	ZEB2	2	145268533
cg20003368	-1.517056682	3.568171729	7.54E-07	0.00151847		6	44026475
cg18072282	-1.516556012	3.613245165	1.94E-07	0.00055802	LGALS2	22	37976192
cg22129276	-1.515713675	3.687637564	2.54E-08	0.00015908	DHRS9	2	169926103
cg02772121	-1.512672049	3.660302861	8.42E-08	0.00033739	TRIM15	6	30130881
cg03598112	-1.510631664	3.581464	1.18E-06	0.00204357		17	28691021
cg02229757	-1.509836753	3.597893645	7.57E-07	0.00151847		16	15685126
cg04470054	-1.50730233	3.661938987	8.42E-08	0.00033739	RPTOR	17	78830472
cg16468729	-1.499936372	3.605288824	8.61E-07	0.00169823	IL8	4	74606465
cg04362790	-1.499309464	3.726851599	8.12E-09	6.8608E-05		14	100223811
cg20740711	-1.498685264	3.54826203	9.2E-07	0.00176215		2	113450279
cg19256731	-1.498642205	3.702344377	1.42E-08	0.00010211	SIRPA	20	1874527
cg13324103	-1.497162421	3.531246587	8.73E-07	0.00171231	SVIL	10	29948428
cg26651950	-1.492459614	3.585483691	5.39E-07	0.00124239	LGALS2	22	37976179
cg07267600	-1.49206873	3.585927532	5.39E-07	0.00124239	CACNA1C	12	2750053
cg18188010	-1.487388549	3.578116426	1.18E-06	0.00204357	SPTBN5	15	42187036
cg23099587	-1.486434117	3.560802099	1.7E-06	0.00250881		4	74570525

cg11304234	-1.486030706	3.579766832	1.18E-06	0.00204357	IL18	11	112034801
cg00266592	-1.483840769	3.652323091	1.58E-07	0.00052069	BPHL	6	3139627
cg17945323	-1.483031056	3.62623413	2.49E-07	0.00068032	SLC22A8	11	62767406
cg18700744	-1.481157643	3.582268469	1.18E-06	0.00204357	NAA25	12	112534559
cg22579075	-1.477926211	3.649143974	1.58E-07	0.00052069	SGCE	7	94250352
cg14665413	-1.476018181	3.619053049	4.63E-07	0.00112419	TLR6	4	38859728
cg07093324	-1.474949246	3.664567426	1.78E-07	0.00055802	ACTR3	2	114652143
cg25748441	-1.47494693	3.546929654	2.16E-06	0.00285349	CASP8	2	202122587
cg21076680	-1.473249464	3.6572057	1.69E-07	0.00053315		2	69135655
cg02782634	-1.47196364	3.59472069	1.6E-06	0.00240837	TMEM49	17	57916643
cg08913523	-1.470582327	3.593702238	1.6E-06	0.00240837		8	126649807
cg13454226	-1.469294014	3.535805059	1.45E-06	0.00226765	KLF6	10	3823758
cg01492656	-1.466776618	3.574072844	9.62E-07	0.00181443	N4BP2;LOC344!	4	40057241
cg18582260	-1.464267247	3.670644231	1.86E-07	0.00055802	PARP4	13	25085301
cg05673882	-1.461835493	3.593483379	1.6E-06	0.00240837	POLK	5	74862702
cg18376497	-1.459239832	3.707775068	2.88E-08	0.00016438	INPP4B	4	143488622
cg13787850	-1.45739569	3.641343443	2.97E-07	0.00078499		9	102195951
cg04645070	-1.454945068	3.580750279	1.18E-06	0.00204357		11	34393106
cg10191240	-1.453050238	3.673628346	9.45E-08	0.0003601	WISP1	8	134230101
cg15360181	-1.452862767	3.667214513	8.97E-08	0.00035207	SLC9A9	3	143567492
cg17534029	-1.451942856	3.606619299	8.61E-07	0.00169823	RTEL1	20	62318426
cg02515217	-1.451478458	3.633202244	2.74E-07	0.00073889	MIR21	17	57918600
cg14731462	-1.449445737	3.707479875	2.88E-08	0.00016438	PTPRE	10	129789429
cg00834924	-1.446002681	3.573356111	2.12E-06	0.00283993	AKAP13	15	85956922
cg22234930	-1.445515434	3.567952847	2.12E-06	0.00283993	PKM2	15	72519739
cg16223546	-1.44531636	3.566750267	4.65E-06	0.00495438		5	158768976
cg09464206	-1.442086762	3.603586244	1.79E-06	0.00259073	CASP8	2	202122309
cg23344780	-1.441397444	3.563390634	1.7E-06	0.00250881	EMP3	19	48829487
cg08824847	-1.440623268	3.675624996	9.45E-08	0.0003601		11	35052388
cg23907053	-1.440045398	3.594495857	1.6E-06	0.00240837	RAB3IP	12	70215816
cg13424302	-1.438286266	3.691083617	5.24E-08	0.00025433		10	80516893
cg05398036	-1.434827519	3.641332374	2.97E-07	0.00078499		1	186504948
cg13430755	-1.430917114	3.656851327	3.36E-07	0.00086422		9	110310795
cg01288184	-1.430649101	3.610099416	1.97E-06	0.00273509	CABLES1	18	20811408
cg21244322	-1.428616603	3.655978417	3.36E-07	0.00086422	DAPK2	15	64303084
cg25690715	-1.42722059	3.554099051	8.42E-06	0.00715688	9-Sep	17	75315567
cg26389380	-1.422093613	3.583681538	2.96E-06	0.0035223	ATG7	3	11330567
cg02779592	-1.421496289	3.614216821	9.59E-07	0.00181443	SRPX2 X		99899134
cg06457736	-1.420894525	3.679192159	1.93E-07	0.00055802	HRH1	3	11178683
cg04276626	-1.415532597	3.631596617	1.2E-06	0.00205827	MIR21	17	57918500
cg26395694	-1.415326833	3.580456305	6.26E-06	0.00585121	ITPR1	3	4783306
cg23021584	-1.413833879	3.709899673	5.67E-08	0.00026163	NCOR2	12	124876101
cg02198625	-1.412448394	3.666802152	3.64E-07	0.0009119	SIRPB1	20	1600641
cg16865965	-1.410907622	3.581852499	6.26E-06	0.00585121	VAMP5	2	85811662
cg04324821	-1.410817227	3.567283296	4.65E-06	0.00495438		2	101397191
cg03787603	-1.410134231	3.73206929	3.08E-08	0.00017335	CUX1	7	101768610
cg10753610	-1.40909452	3.581320262	6.26E-06	0.00585121	ITGB3	17	45335202
cg00980058	-1.407927187	3.613804206	2.13E-06	0.00283993	PCNXL2	1	233248709
cg16371229	-1.40600664	3.58129681	6.26E-06	0.00585121	PCNXL2	1	233248845
cg03577157	-1.404609729	3.668219509	3.64E-07	0.0009119	RNU5E;SSBP2;R	5	80716263
cg07911961	-1.402768839	3.625925987	1.13E-06	0.0020232	BEST3	12	70083193
cg21876918	-1.402714202	3.640117831	1.25E-06	0.00211989	MOBK12A	19	2085483
cg25581222	-1.402472766	3.694318696	1.05E-07	0.0003867	CSNK1G1	15	64539239
cg08305942	-1.401860339	3.725753205	5.79E-08	0.00026163		16	79692354
cg10517290	-1.397895168	3.553064868	8.42E-06	0.00715688	PGS1	17	76377967
cg04999352	-1.39740381	3.579725954	6.26E-06	0.00585121	RARRES3	11	63304614

cg01109763	-1.395873771	3.608755159	1.97E-06	0.00273509	RGS12	4	3387281
cg13745870	-1.395671642	3.613978568	2.13E-06	0.00283993	SPATA12;ARHG	3	57094763
cg18951352	-1.395544735	3.626982186	1.13E-06	0.0020232	ZC3H12D	6	149806077
cg22700686	-1.395139301	3.575305364	5.48E-06	0.00540435	S100A2	1	153538764
cg16649560	-1.394840984	3.602032257	1.79E-06	0.00259073	IL4R	16	27338391
cg01238435	-1.394337499	3.669976057	3.64E-07	0.0009119		5	141595696
cg01077100	-1.394034477	3.638223845	1.25E-06	0.00211989	BTBD16	10	124067280
cg07499182	-1.390735562	3.569410333	1.17E-05	0.00890722	STARD13	13	33825496
cg01462537	-1.388856139	3.726105116	1.09E-07	0.00039124		10	2992189
cg11935248	-1.386100011	3.560481694	1.01E-05	0.00808098	CDYL	6	4942483
cg09182678	-1.385506307	3.659403163	6.88E-07	0.00148555		22	50328711
cg13536080	-1.385042648	3.560710525	1.01E-05	0.00808098		11	85659096
cg09410512	-1.382183792	3.607796835	1.97E-06	0.00273509		2	224564400
cg25015038	-1.382113855	3.625718555	1.13E-06	0.0020232		14	89604062
cg26954174	-1.381813911	3.623008387	2.26E-06	0.00295697	NOD2	16	50730813
cg01586116	-1.379311196	3.581157307	6.26E-06	0.00585121	NCKAP5	2	134326017
cg10620680	-1.378853925	3.690324232	2.02E-07	0.00057177		1	178025100
cg18515872	-1.378205469	3.66141225	7.06E-07	0.00148555	RGS6	14	72943461
cg14215711	-1.374622094	3.629207989	2.38E-06	0.00304659	PIP4K2A	10	22894054
cg18677603	-1.373775887	3.59500414	7.59E-06	0.00670526	LOC100131551	3	194030679
cg03466587	-1.368770043	3.635948323	2.47E-06	0.00307767		3	187704482
cg19239199	-1.367835542	3.651088356	6.64E-07	0.00145659		7	852714
cg17117459	-1.36701788	3.663050847	7.06E-07	0.00148555	PARP4	13	25085405
cg10615591	-1.365081922	3.616372836	2.13E-06	0.00283993	RTEL1	20	62318433
cg23037321	-1.363811194	3.539942984	1.16E-05	0.00890722	MR1	1	181003203
cg23460250	-1.361686529	3.763493473	5.49E-08	0.00025702		7	73223852
cg08698997	-1.361216981	3.658827796	1.36E-06	0.00217069	CBFA2T3	16	88989212
cg15034300	-1.358153611	3.569923642	1.17E-05	0.00890722		2	85134468
cg02064267	-1.35615232	3.591509409	3.35E-06	0.00388821		10	112220471
cg22827210	-1.355898123	3.581406715	6.26E-06	0.00585121	CHST11	12	104998182
cg25817165	-1.354495737	3.640468527	1.25E-06	0.00211989	CNDP2	18	72167213
cg04894537	-1.353553957	3.67727523	7.27E-07	0.00148555	KCNQ1	11	2763171
cg07677157	-1.352488809	3.685290646	7.3E-07	0.00148555		12	66050928
cg17588038	-1.351626588	3.703563612	3.87E-07	0.00095125	CREB5	7	28474589
cg14851544	-1.351286738	3.659986538	1.36E-06	0.00217069	DYNCL1H1	14	102438734
cg07134230	-1.350755351	3.555297338	8.42E-06	0.00715688		1	156631248
cg01702055	-1.34926853	3.742711372	1.06E-07	0.0003867		6	13303065
cg26893787	-1.349026909	3.613875731	4.28E-06	0.00470223	FUT6	19	5838760
cg12394201	-1.34894445	3.645882395	2.53E-06	0.0031028		11	43942418
cg00610577	-1.348340622	3.646237458	1.3E-06	0.00215126	ETV6	12	12008666
cg01413054	-1.348164939	3.700119335	3.87E-07	0.00095125	CAB39	2	231658979
cg01890836	-1.347834105	3.729064394	2E-07	0.00057047	MPRIIP	17	17055584
cg16640865	-1.346542892	3.564541551	1.01E-05	0.00808098	PDE2A	11	72301558
cg07739369	-1.345430363	3.620532922	4.5E-06	0.00486556		17	80241456
cg21351392	-1.342783983	3.779659185	2.88E-08	0.00016438	AGPAT4	6	161607487
cg07904452	-1.342332663	3.604200831	8.12E-06	0.00704045		6	22892738
cg24227481	-1.340806001	3.598315244	7.59E-06	0.00670526		7	73417185
cg20175702	-1.339990189	3.686257725	7.3E-07	0.00148555		15	70053398
cg12265878	-1.339214911	3.588995376	6.97E-06	0.00630996		7	41995442
cg16072777	-1.339177225	3.632238633	4.8E-06	0.00496917		5	17119012
cg12403889	-1.338991242	3.596182949	7.59E-06	0.00670526	C1orf187	1	11753338
cg08297985	-1.336894602	3.665158664	1.37E-06	0.0021797		16	85343488
cg22790839	-1.336616982	3.626247917	4.68E-06	0.00495438		5	157883933
cg21090033	-1.330625659	3.745496145	1.05E-07	0.0003867	TM4SF19	3	196065357
cg23835646	-1.330335693	3.639012725	4.89E-06	0.00498851	LGALS2	22	37976063
cg09577651	-1.327433644	3.648761313	2.58E-06	0.00312814	SIRPB1	20	1600705

cg14189441	-1.327130051	3.705844372	7.15E-07	0.00148555		10	30971547
cg12593541	-1.327038777	3.656750586	2.6E-06	0.00313831		1	181110845
cg02304370	-1.324414881	3.656129319	2.6E-06	0.00313831	PHRF1	11	587926
cg02225720	-1.323633945	3.647414795	4.93E-06	0.00499093	ITGAE	17	3623472
cg25874782	-1.323563315	3.690006931	7.29E-07	0.00148555	NSMAF	8	59508474
cg14711067	-1.321766875	3.5884465	6.97E-06	0.00630996	LGALS2	22	37975975
cg01361499	-1.321051334	3.708423252	3.85E-07	0.00095125		15	75467997
cg08995609	-1.320880126	3.60776734	8.55E-06	0.0072054	RIN1	11	66104115
cg17660833	-1.320194891	3.743315201	1.92E-07	0.00055802	HRH1	3	11267020
cg10576245	-1.31389737	3.643407847	2.53E-06	0.0031028	PCNXL2	1	233249267
cg09782560	-1.311817569	3.688954767	1.36E-06	0.00217069		15	92058845
cg24956391	-1.311788797	3.699749762	7.24E-07	0.00148555	SRC	20	36011999
cg25949447	-1.311563065	3.74805908	1.87E-07	0.00055802		2	128169860
cg03064100	-1.308200071	3.633818118	4.8E-06	0.00496917		2	46720801
cg21565960	-1.307539789	3.702633878	7.15E-07	0.00148555		11	61793285
cg09958065	-1.307240133	3.686278034	1.36E-06	0.00217069	CAMK1D	10	12648526
cg11606261	-1.297665961	3.627550576	4.68E-06	0.00495438	SP1	12	53775336
cg03429644	-1.296493788	3.650785907	2.58E-06	0.00312814		2	9252446
cg22225849	-1.293858119	3.77462061	1.64E-07	0.00052721	NEDD9	6	11188760
cg10225951	-1.290675325	3.733147525	3.59E-07	0.0009119	CPNE7	16	89647782
cg04522310	-1.290527624	3.617018829	8.88E-06	0.00740684		16	27378982
cg10574006	-1.290468996	3.687085199	1.36E-06	0.00217069		5	123965051
cg27200006	-1.28993241	3.693566243	1.34E-06	0.00217069	GGT1	22	25003854
cg13327911	-1.288602442	3.682860944	2.53E-06	0.0031028	COL21A1	6	55965977
cg24393783	-1.288274218	3.7115282	7.03E-07	0.00148555		17	70123165
cg20312012	-1.287313863	3.678124527	2.57E-06	0.00312814	FER1L5	2	97331035
cg24940967	-1.284029984	3.617171355	8.88E-06	0.00740684	SLC6A20	3	45837197
cg12592365	-1.282676846	3.697416992	2.42E-06	0.00306738	RPTOR	17	78765948
cg07336872	-1.280737	3.625132141	9.12E-06	0.00754969		6	150393535
cg05232694	-1.280456256	3.707222797	1.29E-06	0.00214203		20	48809539
cg11028075	-1.279100959	3.703811181	1.32E-06	0.00216857	SORBS1	10	97200911
cg04465078	-1.276546673	3.665472923	4.85E-06	0.00496917	NDE1	16	15766942
cg25731261	-1.276379769	3.65710493	4.93E-06	0.00499093	BBC3	19	47736018
cg00184457	-1.276185317	3.699292961	2.42E-06	0.00306738		8	8946301
cg16929739	-1.275436344	3.691569747	2.48E-06	0.00307767	HRH1	3	11178593
cg11118962	-1.273098665	3.724954309	6.71E-07	0.00146524		3	171685460
cg02872426	-1.271688011	3.641029566	9.35E-06	0.00761403	DDO	6	110736772
cg06824394	-1.265422973	3.669514042	4.85E-06	0.00496917	C7orf23	7	86846535
cg23841186	-1.259979526	3.66088795	4.9E-06	0.00498851	IGFBP6	12	53492662
cg06093152	-1.258511709	3.649180705	9.28E-06	0.00761403		1	212662017
cg01955533	-1.258408461	3.669923429	4.85E-06	0.00496917	CDKN1A	6	36650733
cg01966277	-1.256949696	3.656091691	9.15E-06	0.00754969	PCLO	7	82435009
cg16267322	-1.252837429	3.732110019	1.14E-06	0.0020232	SLC24A4	14	92864074
cg06438559	-1.25270891	3.692161942	2.48E-06	0.00307767	SPOCK1	5	136478693
cg11056055	-1.252252309	3.765517766	3.04E-07	0.00079878	MET	7	116356738
cg10609868	-1.250903523	3.748918247	5.87E-07	0.00133314	PAG1	8	81963379
cg05696969	-1.250732268	3.774632936	4.93E-07	0.00118227	SH3RF2	5	145326228
cg15759721	-1.250370304	3.642390253	9.35E-06	0.00761403	MIR21	17	57918630
cg18907610	-1.247482442	3.667106625	4.85E-06	0.00496917	ETV6	12	11992925
cg03048432	-1.247145707	3.636792574	9.35E-06	0.00761403	NIN	14	51290751
cg18729298	-1.247088989	3.643011279	9.35E-06	0.00761403	KCNQ1	11	2555203
cg15819225	-1.246883944	3.771090125	2.92E-07	0.00078242	TP73	1	3583333
cg12422154	-1.246483142	3.661436254	4.9E-06	0.00498851	TRIM15	6	30130819
cg00687714	-1.24349239	3.667342045	4.85E-06	0.00496917	CRYM	16	21272887
cg20048655	-1.242864307	3.669118	4.85E-06	0.00496917		2	7975491
cg06996956	-1.239984168	3.729342771	2.03E-06	0.00279057	C10orf72	10	50264253

cg14241836	-1.23896824	3.721657825	1.22E-06	0.00208528		7	48124921
cg12256705	-1.237222397	3.735521088	1.14E-06	0.0020232	PRKCE	2	45926674
cg02952295	-1.235999265	3.762119677	5.4E-07	0.00124239	TRPM8	2	234913188
cg09802818	-1.235720627	3.711745032	2.28E-06	0.00295697	LOC283404	12	52604609
cg08454015	-1.235664567	3.695517976	4.4E-06	0.00477508		1	240078452
cg08415592	-1.234092985	3.684468244	8.24E-06	0.00707516	APOL1	22	36648973
cg10575547	-1.231848923	3.704255006	2.35E-06	0.00302397	TRETF1	6	42283846
cg24348240	-1.230215897	3.656069392	9.15E-06	0.00754969	UBXN11	1	26611453
cg25437886	-1.229821216	3.674649172	4.76E-06	0.00496917	LIMD1	3	45677346
cg01655958	-1.22944446	3.735566147	1.94E-06	0.00271744	PAPLN	14	73709663
cg04495354	-1.22761869	3.694421554	4.4E-06	0.00477508	PLLP	16	57294356
cg20315150	-1.222514733	3.693234892	4.4E-06	0.00477508	CREB5	7	28647577
cg07745671	-1.221418317	3.745410579	1.05E-06	0.00194383		3	177272848
cg10063575	-1.220239974	3.714334046	3.93E-06	0.00438554	AMHR2	12	53822143
cg14012925	-1.220198591	3.678145681	8.51E-06	0.00719127	CUX1	7	101556907
cg02272851	-1.219060568	3.7014011	4.25E-06	0.00467855		10	3797471
cg09461545	-1.218838064	3.678733401	8.51E-06	0.00719127	SEL1L3	4	25845210
cg07375150	-1.21807095	3.711375899	2.28E-06	0.00295697	P2RY13;MED12	3	151046450
cg09803959	-1.21599655	3.681378487	8.24E-06	0.00707516	RPTOR	17	78865514
cg11702866	-1.214079821	3.729062643	2.03E-06	0.00279057	HRH1	3	11267098
cg12620035	-1.208787577	3.75148836	1.76E-06	0.0025794		7	73247613
cg23371476	-1.207607671	3.757609092	1.67E-06	0.00248864		2	105877824
cg25742326	-1.206760563	3.698817224	7.63E-06	0.00670526	PLEKHN1	1	901449
cg05784862	-1.205327341	3.699776785	7.63E-06	0.00670526	KSR1	17	25799018
cg19734190	-1.20385291	3.705681133	7.3E-06	0.00655443	TBC1D14	4	6993556
cg19163395	-1.203357652	3.716278235	3.93E-06	0.00438554	HDAC5	17	42164433
cg04246167	-1.203025642	3.757205442	1.67E-06	0.00248864	C3orf67	3	58984465
cg18456933	-1.19890086	3.719072804	3.76E-06	0.00425377		4	15692171
cg26451499	-1.198069373	3.776428693	1.42E-06	0.00221982	CCDC46	17	63694336
cg25856090	-1.197352843	3.73788188	1.94E-06	0.00271744	CLCN1	7	143028708
cg00524900	-1.196979382	3.696945158	7.63E-06	0.00670526	TNFAIP8	5	118609965
cg26232553	-1.193679947	3.724738023	6.31E-06	0.00585121		8	101471097
cg20059881	-1.192150405	3.776899921	1.42E-06	0.00221982		12	56655821
cg26256521	-1.186689198	3.756396441	1.67E-06	0.00248864		14	105147537
cg06574296	-1.186605851	3.691207127	7.94E-06	0.00694872	ESPNL;SCLY	2	239007919
cg08543028	-1.185394181	3.704861466	7.3E-06	0.00655443		12	31902503
cg15108958	-1.183655206	3.792997112	1.18E-06	0.00204357	MTRR	5	7873542
cg24062389	-1.180414859	3.691376792	7.94E-06	0.00694872	BIVM	13	103478447
cg07244202	-1.180244936	3.732148585	5.98E-06	0.00582411	ADAM12	10	127750970
cg21574271	-1.178016942	3.729744738	5.98E-06	0.00582411	BMPR1B	4	96051461
cg27405400	-1.175600832	3.70514753	7.3E-06	0.00655443	BIN1	2	127839539
cg18325315	-1.172904386	3.726740822	6.31E-06	0.00585121	GTF2IRD1	7	73897230
cg10081994	-1.171451133	3.762564115	1.59E-06	0.00240837	LONRF2	2	100908637
cg06817454	-1.170525106	3.751841621	2.91E-06	0.00347988		1	48360454
cg16336556	-1.170047071	3.722582621	6.31E-06	0.00585121	LTBP1	2	33295138
cg16596317	-1.169529836	3.770464868	2.44E-06	0.00306738		1	85755348
cg10442101	-1.168953901	3.748797987	3.08E-06	0.0036114		7	16066532
cg08548284	-1.167177356	3.720832333	1.1E-05	0.00862691		1	14382172
cg07958689	-1.165837284	3.770284135	2.44E-06	0.00306738		17	39010551
cg18205883	-1.165138409	3.795617973	1.18E-06	0.00204357		10	821718
cg05383531	-1.163239076	3.774492898	2.44E-06	0.00306738		3	49384054
cg14302214	-1.160346663	3.777775502	2.29E-06	0.0029596		10	3805273
cg07320595	-1.158859674	3.778646098	2.29E-06	0.0029596	HAVCR1	5	156485233
cg05117638	-1.158324071	3.743712417	5.34E-06	0.00528691		6	113952661
cg20856545	-1.158229768	3.753266434	2.91E-06	0.00347988		13	114917297
cg20413202	-1.157308601	3.769628344	4.17E-06	0.004618	RBP7	1	10056853

cg25948831	-1.154619642	3.733045353	9.79E-06	0.00789083	CCDC40	17	78038002
cg04037970	-1.153306191	3.711865396	1.16E-05	0.00890722		7	54955965
cg13410764	-1.149368753	3.72739651	1.04E-05	0.00817406		9	90407888
cg04908077	-1.148288293	3.754443096	4.74E-06	0.00496917		3	150187338
cg00167670	-1.148284055	3.745045806	5.34E-06	0.00528691		4	13922944
cg19972648	-1.142268118	3.720788696	1.1E-05	0.00862691	KCNMA1	10	79110632
cg19229692	-1.140984595	3.772532909	2.44E-06	0.00306738	PLXNA4	7	131830279
cg06468347	-1.14026635	3.700683896	1.29E-05	0.00966491	ITGAE	17	3705875
cg13676800	-1.139799814	3.774836162	3.91E-06	0.00438554		9	89722432
cg27411547	-1.138645611	3.804396059	1.77E-06	0.0025794		8	142287226
cg23087707	-1.137844885	3.798943758	1.89E-06	0.0026681	GALNT9	12	132863869
cg08300252	-1.137157529	3.756358586	4.74E-06	0.00496917		6	169692731
cg26937434	-1.133722217	3.726158375	1.04E-05	0.00817406	ANKS4B	16	21245151
cg26446294	-1.131033029	3.74205952	9.2E-06	0.00757654		2	130559194
cg05445326	-1.130523722	3.798272074	1.89E-06	0.0026681	TM4SF19	3	196065569
cg01942558	-1.128929033	3.782596928	3.66E-06	0.00415321	TNFAIP6	2	152214027
cg20144530	-1.127810327	3.781407929	3.66E-06	0.00415321		4	48915431
cg07551060	-1.127039061	3.786513322	3.42E-06	0.00390359	GRK5	10	121075316
cg26210364	-1.125595207	3.728911633	1.04E-05	0.00817406		11	26800135
cg12116192	-1.125494886	3.772801758	6.62E-06	0.00609041	SCARA5	8	27730485
cg22743884	-1.12094594	3.785760486	3.42E-06	0.00390359	DEFB135	8	11839844
cg04214938	-1.118012098	3.764773482	7.09E-06	0.00640214		2	119496171
cg13363748	-1.114526056	3.776457483	6.17E-06	0.00585121		6	143861183
cg16341979	-1.111095286	3.734013303	9.79E-06	0.00789083	IFI27	14	94576977
cg05471495	-1.109213081	3.73468693	9.79E-06	0.00789083		2	101369330
cg14186336	-1.108656655	3.754192624	8.1E-06	0.00703915	GSN	9	124045139
cg08804626	-1.10309326	3.796171522	4.97E-06	0.00500451	GMDS	6	1953086
cg21560697	-1.101869809	3.791065716	5.35E-06	0.00528691	TAF1B	2	10054883
cg14222307	-1.101803678	3.796442688	4.97E-06	0.00500451	RORA	15	61097246
cg14032261	-1.099014402	3.77804437	6.17E-06	0.00585121		1	211909305
cg02185007	-1.095083123	3.772647295	6.62E-06	0.00609041		8	117587078
cg19451021	-1.094399459	3.757152548	1.28E-05	0.00960127		14	103538032
cg23723835	-1.091254121	3.758193776	1.28E-05	0.00960127	ASCC1	10	73869442
cg08688907	-1.091236619	3.765457355	1.19E-05	0.00906721		5	159890925
cg09832443	-1.089614228	3.756464762	1.28E-05	0.00960127	CREB5	7	28612680
cg07201475	-1.081320846	3.764945255	1.19E-05	0.00906721		2	151768348
cg00263677	-1.079064787	3.780852853	9.6E-06	0.00778781	CRISPLD2	16	84885230
cg06474225	-1.077249463	3.769407627	1.11E-05	0.00869278	HTRA1	10	124228770
cg03518729	-1.071640991	3.756318575	1.28E-05	0.00960127		1	235147744
cg17738521	-1.067082764	3.775237902	1.03E-05	0.00817406	HIVEP2	6	143224179
cg01774019	-1.066323535	3.79372654	8.26E-06	0.00707516		4	11637533
cg16686273	-1.065430715	3.795420253	8.26E-06	0.00707516	IQCE	7	2611890
cg02766539	-1.064599964	3.792681014	8.26E-06	0.00707516	TMEM49	17	57861641
cg22571393	1.146391856	3.854890555	1.16E-05	0.0088987	ATP11A	13	113498308
cg03009240	1.157541659	3.855405931	1.16E-05	0.0088987	FZR1	19	3507867
cg12280664	1.167410203	3.872227404	6.8E-06	0.00621407	CUGBP2	10	11317787
cg19811337	1.168409631	3.88006324	8.58E-06	0.00721308	MAP3K11	11	65374663
cg08659179	1.197467512	3.807177971	1.17E-05	0.00894801	CDH9	5	27038707
cg19978312	1.221225939	3.812699547	6.79E-06	0.00621407	RASGEF1C	5	179634688
cg27466845	1.24035472	3.863478431	1.83E-06	0.00262179	NRXN2	11	64397734
cg12017745	1.244634882	3.80810741	8.94E-06	0.0074216	EHBP1L1	11	65352327
cg07600533	1.250446652	3.817684307	5.15E-06	0.00516149	KLHDC7B	22	50986031
cg00716257	1.25326755	3.834411635	3.04E-06	0.00359237	JDP2	14	75897417
cg02993070	1.256340152	3.831862905	4E-06	0.00445771	FERMT2	14	53419111
cg03612357	1.256652218	3.802909087	4.99E-06	0.00501356	CABC1	1	227162127
cg21117965	1.258204968	3.781146618	1.12E-05	0.00873743	SPEG	2	220325369

cg17642369	1.260249531	3.78356557	8.44E-06	0.00716377		7	47783644
cg10982364	1.269514584	3.795584143	8.74E-06	0.00733388		2	200329670
cg17637327	1.273797099	3.755716392	1.01E-05	0.00808098	GRAMD1B	11	123431162
cg25927444	1.285694207	3.81193666	6.79E-06	0.00621407	TTC7A	2	47236103
cg08269485	1.291786944	3.759399232	7.56E-06	0.00670526	HCCA2;LOC402	11	1769382
cg06607764	1.31504065	3.829388107	1.27E-06	0.00213242	CYTH1	17	76719635
cg12408990	1.316173725	3.804750905	3.77E-06	0.00425377	RASGEF1C	5	179634671
cg19884950	1.316943516	3.762633862	5.63E-06	0.00552029	SIM1	6	100882035
cg14065115	1.319085755	3.725713132	1.16E-05	0.0088987		6	100916959
cg15555527	1.319643771	3.83836596	1.75E-06	0.00257266	ANTXR2	4	80885981
cg17915961	1.328217625	3.77069135	8.05E-06	0.00701306	LDB1	10	103881480
cg01817364	1.328950651	3.768575548	8.05E-06	0.00701306		5	43037411
cg15548613	1.330516127	3.739185915	1.26E-05	0.00954049	MAFF	22	38610795
cg03329576	1.333580018	3.75366971	1.01E-05	0.00808098		11	114187045
cg15829092	1.338954443	3.838253414	7.16E-07	0.00148555	ATP11A	13	113498188
cg19351954	1.339855315	3.804921723	1.5E-06	0.00233566		7	156259207
cg06299284	1.342981569	3.768632521	3.11E-06	0.00362228	DRD4	11	636659
cg04777726	1.343422778	3.772164292	6.03E-06	0.00585121	PLEKHA4;HSD1	19	49340489
cg05355225	1.34444548	3.781393013	3.37E-06	0.00389215	CA3	8	86350568
cg04111789	1.348532656	3.741144965	9.39E-06	0.0076327	CCND3	6	41908262
cg02090033	1.351388031	3.732589339	6.28E-06	0.00585121	MAGI1	3	65583617
cg18674980	1.351595268	3.783206054	2.51E-06	0.0031028	CA3	8	86350581
cg21692450	1.35287217	3.76209982	5.63E-06	0.00552029		1	46940325
cg27064482	1.353082644	3.843089524	9.99E-07	0.001875	MKL2	16	14326543
cg25773262	1.355717236	3.777098788	4.51E-06	0.00486556	BCAN	1	156616855
cg22539450	1.356023831	3.744778544	6.96E-06	0.00630996	EMX1	2	73152975
cg01594538	1.357458885	3.726965399	1.16E-05	0.0088987		16	54689221
cg17945789	1.358303131	3.795726599	2.69E-06	0.00323306	AGAP1	2	236444284
cg10168149	1.358624792	3.768065733	3.11E-06	0.00362228	FLJ32063	2	200335558
cg23207077	1.362513427	3.736774506	4.61E-06	0.00495293	PLEKHN1	1	905988
cg07560510	1.362939598	3.733882996	6.28E-06	0.00585121	CA3	8	86350592
cg14543226	1.363086988	3.718032907	7.54E-06	0.00670526	NFIC	19	3384854
cg23947326	1.37012298	3.69590157	1.22E-05	0.00925544	CCDC61	19	46504128
cg06183338	1.371495239	3.725779671	1.16E-05	0.0088987	COL23A1	5	178004204
cg16492341	1.376332839	3.739330017	3.39E-06	0.00390359	APBB1IP	10	26856105
cg06546677	1.381284362	3.759393996	2.07E-06	0.00283993	HSF1	8	145537504
cg24345062	1.382209039	3.795772775	1.03E-06	0.00192516	FLJ32063	2	200334439
cg03816707	1.383448671	3.704026006	6.47E-06	0.00598576	KCNS1	20	43726544
cg12162138	1.385435623	3.723643161	4.02E-06	0.00446733	ODZ4	11	78673073
cg01393327	1.387150006	3.686266859	1.03E-05	0.00816299	OSTBETA	15	65341703
cg24945462	1.387489173	3.80554841	1.12E-06	0.0020232	LOC642852	21	46714985
cg23774717	1.396265824	3.730524533	6.28E-06	0.00585121	APBB1IP	10	26856095
cg17176732	1.397334382	3.735115394	4.61E-06	0.00495293	OXR1	8	107669856
cg25528916	1.398380839	3.700797635	8.91E-06	0.00741138	STAP2	19	4328818
cg07953015	1.399438344	3.716067486	7.54E-06	0.00670526	SEPW1	19	48285322
cg08591265	1.400552944	3.827400987	5.02E-07	0.0011968	SFRS1	17	56082867
cg26289436	1.402117122	3.810918732	6.22E-07	0.00139651	CD37	19	49841517
cg13905586	1.413619281	3.666744989	1.16E-05	0.0088987	SHH	7	155597842
cg13080282	1.420345062	3.695580363	1.22E-05	0.00925544		12	24717178
cg21334513	1.424269998	3.750810466	1.33E-06	0.00216857		6	30095248
cg05826596	1.426848647	3.671777829	8.27E-06	0.00707516	GPATCH8	17	42516205
cg21475402	1.438597026	3.709860372	3.4E-06	0.00390359	BCAN	1	156612140
cg08197287	1.439372807	3.768510017	8.21E-07	0.00163567	AFF1	4	87952173
cg24871089	1.453791799	3.729796912	2.13E-06	0.00283993	RPH3AL	17	184131
cg13001868	1.470041518	3.639542775	6.27E-06	0.00585121	C17orf46;LOC1	17	43339223
cg22727783	1.470665491	3.747854442	1.33E-06	0.00216857	TRIO	5	14441074

cg15087907	1.4715457	3.821918324	1.88E-07	0.00055802	PFKP	10	3169259
cg18397073	1.474893727	3.735674318	1.13E-06	0.0020232	POU2F2	19	42600278
cg17526175	1.475805302	3.689528168	5.34E-06	0.00528691	WDR88	19	33624542
cg08863830	1.477630696	3.834730393	7.58E-08	0.0003133	SKI	1	2202028
cg00715696	1.480364848	3.731755168	1.55E-06	0.0023818	KIAA0182	16	85660534
cg17639394	1.481154673	3.711733194	2.46E-06	0.00307767	HCG9	6	29943480
cg06534752	1.481321577	3.70425149	4.69E-06	0.00495438	C20orf117	20	35448345
cg15996459	1.481678897	3.743857933	1.82E-06	0.00261543	RPH3AL	17	184106
cg19738463	1.481918354	3.659374015	6.26E-06	0.00585121	NEU1;SLC44A4	6	31831574
cg21042456	1.485841869	3.656412805	6.26E-06	0.00585121		7	1270558
cg22848598	1.486061398	3.725512035	2.93E-06	0.00349549	ADAM32	8	38965026
cg17949969	1.487274421	3.743133883	5.9E-07	0.00133314	ABLIM2	4	8073790
cg07425204	1.488266118	3.733393637	1.55E-06	0.0023818	PRKAR1A	17	66511183
cg21172458	1.488790035	3.687560016	5.34E-06	0.00528691	CA3	8	86350927
cg00502190	1.496345001	3.724111486	9.21E-07	0.00176215	BCAN	1	156616560
cg24037897	1.500096773	3.681212711	2.99E-06	0.00354736	C1QL3	10	16562626
cg17771031	1.50122924	3.692435803	3.84E-06	0.0043262	CDH22	20	44875334
cg19653212	1.50193047	3.66632092	1.16E-05	0.0088987	GUCA1A	6	42145954
cg06523224	1.502567529	3.719170202	1.28E-06	0.00213242	BNC1	15	83953883
cg04415672	1.504287706	3.813370979	1.23E-07	0.0004316	CTDSP2	12	58237706
cg13691247	1.506925697	3.725965145	9.21E-07	0.00176215	ATP5G2	12	54071090
cg17034390	1.509915776	3.68425626	2.13E-06	0.00283993		6	30095326
cg01178624	1.518878253	3.79362447	2.72E-07	0.00073889	KCNK7	11	65360327
cg01610165	1.523055406	3.736648139	1.13E-06	0.0020232	ZNF608	5	124071029
cg02126753	1.526221511	3.596075557	1.02E-05	0.00808575	AEBP1	7	44143998
cg26606256	1.527076569	3.644695505	4.37E-06	0.00477508	MAPT;LOC1001	17	43974804
cg06632207	1.528158476	3.621941054	5.78E-06	0.00565581	ATP5G2	12	54070931
cg27308895	1.528885181	3.667143943	2.19E-06	0.00287754		2	200329850
cg10331073	1.532450637	3.721056822	1.28E-06	0.00213242	APBB1IP	10	26856128
cg08538258	1.534297677	3.68618756	1.51E-06	0.00233873	POFUT2;LOC64	21	46706820
cg07629454	1.540660974	3.604118918	4.69E-06	0.00495438	CASR	3	121903520
cg09276315	1.541359654	3.651613194	8.85E-06	0.00740684	ZC3H4	19	47614071
cg14394550	1.541760822	3.715382504	1.77E-06	0.00258111	EGR3	8	22548400
cg19323951	1.552543573	3.579329886	6.89E-06	0.0062879	SLC22A20	11	64993076
cg12483545	1.554136129	3.821447657	6.65E-08	0.00028382	SKI	1	2198879
cg02717454	1.554322227	3.674818835	4.21E-06	0.0046439	CREBBP	16	3928799
cg13990947	1.560917572	3.70184421	1.41E-06	0.00221982	PLIN2	9	19128801
cg00193963	1.561469408	3.664817927	3.11E-06	0.00362228	WIPF3	7	29923832
cg23278196	1.563863261	3.68167332	2.13E-06	0.00283993	ATP5G2	12	54071111
cg07355189	1.565012529	3.798253269	4.77E-08	0.00024389	ALOX5	10	45923374
cg02893180	1.567858847	3.596443886	1.02E-05	0.00808575	ADM2	22	50919493
cg27267227	1.575097331	3.637623452	6.27E-06	0.00585121	SEZ6L2	16	29888023
cg09339818	1.578406239	3.727490384	6.62E-07	0.00145659		6	100914480
cg20254354	1.578498257	3.777386515	7.45E-08	0.00031116	ANKS1B	12	99287558
cg27282900	1.588078067	3.695449143	7.58E-07	0.00151847		6	30095258
cg17124224	1.594137035	3.667487587	2.19E-06	0.00287754	BNC1	15	83953880
cg06113789	1.601184852	3.682392297	2.13E-06	0.00283993	TTBK1	6	43253097
cg04705659	1.610915667	3.633486236	1.88E-06	0.0026681	PLEKHA6	1	204329107
cg05715492	1.612213045	3.723705127	1.85E-07	0.00055802	ARPC1B	7	98991138
cg14544666	1.613065782	3.634807515	1.88E-06	0.0026681	RASGEF1C	5	179634789
cg18369516	1.614587993	3.77117152	1.43E-07	0.00047737	ZBTB46	20	62406721
cg27527630	1.622613919	3.78100983	5.37E-08	0.00025466	WIPF3	7	29923538
cg06504526	1.623769695	3.787961874	2.79E-08	0.00016438	SIM1	6	100894629
cg16737517	1.632847359	3.741433402	1.25E-07	0.00043294	ZBTB46	20	62406677
cg02637318	1.632956897	3.710345268	7.22E-07	0.00148555	ADAM32	8	38965252
cg23930334	1.635483926	3.588092343	3.05E-06	0.00359244	SLC22A20	11	64993335

cg25134328	1.639053028	3.679980257	5.32E-07	0.00124239		7	47783668
cg09799983	1.656896251	3.673432055	1.08E-06	0.00200242	CYP1B1	2	38301756
cg02455397	1.678562451	3.670199667	2.36E-07	0.00066432	THY1	11	119293385
cg17782974	1.682756178	3.752629457	4.52E-08	0.00023425	TRIM8	10	104406990
cg12391352	1.696536211	3.734763096	6.58E-08	0.00028382	ANKS1B	12	99139768
cg17298239	1.707915242	3.608544083	2.15E-06	0.00285349	DLGAP1	18	3499253
cg05923595	1.709202717	3.664133893	4.93E-07	0.00118227	ADC	1	33547713
cg02955631	1.74894686	3.70925462	1.32E-07	0.00045478	THY1	11	119293601
cg15673034	1.758768484	3.678785294	1.12E-07	0.00039731	DLGAP1	18	3499093
cg03265671	1.760242357	3.683204004	5.34E-08	0.00025466	BCAN	1	156616554
cg10184889	1.803078365	3.697029491	8.82E-08	0.0003495	CA3	8	86350919
cg14249876	1.820354289	3.635104789	1.37E-07	0.00046386	AEBP1	7	44143993
cg16017089	1.82317373	3.744837957	3.73E-09	4.3855E-05	ARHGEF17	11	73053830
cg14294859	1.932038442	3.707861692	3.84E-09	4.3855E-05	SLC25A25	9	130862556
cg25513659	1.933766011	3.666080008	5.67E-09	5.3701E-05	RPH3AL	17	183931
cg01623261	1.967741944	3.777692284	9.64E-11	3.5278E-06	BAHCC1	17	79377850
cg16269733	2.293814348	3.735717736	1.12E-11	7.265E-07	BCAN	1	156616804
	logFC	logCPM	PValue	FDR			