

**Supplementary Table 1. Differentially expressed genes in miR-221, miR222, and miR-206-overexpressing MCF7 cells. Differentially expressed genes were selected using P less than .01 and fold change greater than 1.5 or less than -1.5. The false discovery rate (FDR) was set at 0.1 in the data analysis. Genes are listed according to their fold change (FC) value.**

Genes modulated by miR-206			Genes modulated by miR-221			Genes modulated by miR-222		
Gene symbol	P	FC	Gene symbol	P	FC	Gene symbol	P	FC
RP13-102H20.1	2.00E-14	-23.6034	CAV1	2.63E-11	-44.2853	CAV1	3.81E-11	-37.2977
METTL7A	2.83E-08	-10.1942	RP13-102H20.1	1.73E-14	-25.0136	RP13-102H20.1	1.77E-14	-24.8001
TRERF1	5.13E-09	-9.60714	COL21A1	4.30E-08	-20.9494	CAV1	9.52E-09	-21.8943
---	1.76E-08	-9.42483	CAV1	1.11E-08	-20.6578	MGP	7.80E-12	-16.6806
/// LOC728715 /// O	9.24E-08	-8.29951	MGP	1.09E-11	-14.8721	COL21A1	2.57E-07	-11.2541
HHLA3	1.56E-08	-7.35987	COL12A1	2.14E-06	-14.3838	CYP26B1	6.56E-08	-10.8139
CDSN	3.46E-09	-7.29673	COL12A1	6.02E-09	-11.4886	COL12A1	1.15E-05	-8.43053
---	7.67E-09	-7.17857	CYP26B1	6.38E-08	-10.9099	IGSF1	2.58E-08	-8.32609
PKP1	6.73E-08	-6.85972	IGSF1	1.56E-08	-9.56479	PTGER3	1.08E-07	-7.85269
CYP26B1	3.56E-07	-6.79878	FNIP2	1.72E-07	-7.93883	COL12A1	2.95E-08	-7.36174
SLC44A1	3.97E-11	-6.098	PTGER3	1.17E-07	-7.67253	---	1.11E-08	-7.03866
NMU	2.97E-08	-6.08934	CAV2	2.81E-07	-7.37851	PKP1	6.10E-08	-7.02871
CXCL12	4.19E-09	-5.77776	---	1.23E-05	-7.27254	OPN3	2.05E-09	-6.94084
---	5.55E-06	-5.5565	CDSN	4.25E-09	-6.93747	---	1.89E-05	-6.50571
CDSN	6.72E-06	-5.49871	PKP1	6.45E-08	-6.93385	CDSN	6.09E-09	-6.36314
CASC5	7.39E-09	-5.47478	PTGER3	7.87E-07	-6.75118	FNIP2	5.16E-07	-6.0407
SLC44A1	1.48E-10	-5.45095	CD44	5.70E-11	-6.15737	---	4.82E-06	-6.02793
KLF13	2.33E-07	-5.43618	NAV2	3.48E-07	-5.86496	NAV2	3.10E-07	-6.02022
---	7.68E-07	-5.29385	CXCL12	3.95E-09	-5.85219	PTGER3	1.28E-06	-6.00061
C14orf145	8.47E-06	-5.2836	---	5.67E-06	-5.80107	CXCL12	5.18E-09	-5.51625
SLC35B4	3.00E-06	-5.25633	---	2.93E-08	-5.61009	PGR	7.88E-11	-5.46657
---	1.37E-11	-5.24951	PGR	7.00E-11	-5.60818	PALLD	1.47E-05	-5.35719
TAGLN2	1.13E-10	-5.15416	---	1.12E-05	-5.50414	CDSN	7.56E-06	-5.35333
RPL31	1.99E-08	-5.12228	CDSN	7.44E-06	-5.3735	PTGER3	0.00014135	-5.23818
C18orf10	1.52E-09	-5.0919	ANXA3	1.54E-07	-5.14305	RBM24	1.32E-09	-5.03153
---	1.20E-06	-5.02565	PALLD	2.98E-05	-5.13761	---	1.68E-05	-5.02294
MFAP2	2.18E-06	-4.95794	SFXN2	6.00E-10	-5.11928	PALLD	3.48E-05	-4.96252
MPHOSPH9	8.59E-06	-4.81599	---	1.16E-07	-5.07725	PRSS23	1.10E-07	-4.91262
---	3.18E-06	-4.80398	PTGER3	0.00016371	-5.0589	CAV2	2.38E-06	-4.54551
SYCP2	7.97E-08	-4.79122	AMMECR1	1.29E-07	-5.03772	AMMECR1	2.17E-07	-4.54089
TAGLN2	2.81E-10	-4.78486	CAV2	4.79E-08	-5.03672	ATRNL1	2.91E-08	-4.53336
NRNPA3P2 /// NDRC	2.13E-08	-4.72753	PGR	1.71E-09	-5.02162	IGSF1	1.09E-05	-4.50255
---	0.00011	-4.71682	CD44	8.28E-06	-4.99488	S100A10	7.71E-07	-4.48158
BRI3BP	5.65E-11	-4.70053	RBM24	1.40E-09	-4.97093	8 /// ANXA8L1 /// AN	3.02E-06	-4.40477
4 /// LOC100133005 /	1.76E-09	-4.69878	PRSS23	1.07E-07	-4.93648	PGR	3.39E-09	-4.39273
---	1.32E-06	-4.65878	ATRNL1	2.39E-08	-4.71298	KMO	2.77E-07	-4.33822
GINS4	1.22E-05	-4.6021	---	3.31E-05	-4.45073	HCK	2.33E-07	-4.32368
CENPI	1.24E-06	-4.53462	8 /// ANXA8L1 /// AN	2.89E-06	-4.44377	GJA1	1.21E-08	-4.31464
---	1.25E-10	-4.5336	RAMP3	1.60E-06	-4.4325	FNIP2	2.92E-06	-4.29208
SLC44A1	3.83E-07	-4.49806	HCK	2.20E-07	-4.36845	---	3.91E-06	-4.27786
POLQ	5.06E-07	-4.4424	GJA1	1.17E-08	-4.33805	AGR3	1.02E-08	-4.27197
KIF16B	5.70E-06	-4.42278	PTGER3	0.00040581	-4.32247	CD44	3.55E-10	-4.24047

---	2.03E-07	-4.39726	FNIP2	2.85E-06	-4.31086	SFXN2	1.84E-09	-4.13009
GJA1	1.13E-08	-4.37107	---	2.64E-09	-4.21844	AMMECR1	1.20E-07	-4.12877
---	1.33E-09	-4.34529	RDHE2	0.00011403	-4.21671	---	3.64E-07	-4.06601
AFAP1L2	8.46E-09	-4.34263	DEPDC6	5.35E-10	-4.16821	---	3.44E-09	-4.02463
SMARCA1	1.56E-07	-4.32135	---	7.92E-06	-4.16818	CAV2	1.60E-07	-4.00003
ANKRD57	1.57E-08	-4.32031	FNIP2	2.87E-08	-4.13912	FOXC1	1.58E-06	-3.99067
---	2.77E-06	-4.32025	---	3.47E-06	-4.12575	---	2.88E-05	-3.94682
SERP1	2.83E-08	-4.25692	ATRNL1	1.75E-09	-4.08258	VCAN	2.40E-07	-3.92295
CCDC111	6.63E-05	-4.22644	PALLD	5.42E-05	-4.066	KMO	2.84E-06	-3.90976
TCF19	1.18E-07	-4.20821	C100130886 /// TMEM	2.18E-10	-4.01083	ELOVL2	2.18E-05	-3.90787
SERP1	1.12E-08	-4.20222	RHOF	2.29E-06	-3.97411	---	2.63E-05	-3.8969
---	1.32E-06	-4.1865	IGSF1	2.12E-05	-3.95736	FNIP2	4.05E-08	-3.89473
LOC91431	1.86E-06	-4.16502	VCAN	2.33E-07	-3.94517	---	6.50E-05	-3.89405
KIAA0841	2.63E-06	-4.15027	AGR3	1.65E-08	-3.91891	AGR2	5.62E-09	-3.86397
CIT	1.19E-08	-4.13338	C100130886 /// TMEM	4.06E-10	-3.88307	ANXA3	7.02E-07	-3.8436
1 /// DDX12 /// LOC6	3.19E-06	-4.121	C20orf175	6.30E-07	-3.8261	UGT2B15	4.85E-10	-3.74376
ASPM	2.92E-06	-4.12089	AMMECR1	1.85E-07	-3.8253	C20orf175	7.34E-07	-3.7262
HCK	3.06E-07	-4.10963	COL5A2	0.00012789	-3.80946	CD44	4.02E-05	-3.65948
BRCA1	9.89E-07	-4.07829	FOXC1	2.24E-06	-3.75093	FILIP1L	5.07E-05	-3.6443
XPNPEP3	2.61E-06	-4.07632	HEY2	1.98E-09	-3.68919	C100130886 /// TMEM	3.92E-10	-3.63353
LOC284702	3.58E-05	-4.07033	MYB	1.12E-10	-3.68408	---	7.64E-06	-3.62301
ASF1B	2.33E-10	-4.06782	C100130886 /// TMEM	3.07E-10	-3.60996	RDHE2	0.00024631	-3.62072
CDC42SE1	0.00496	-4.02812	PALLD	5.55E-09	-3.57178	JAK2	4.83E-08	-3.6093
LOC100129951	2.78E-10	-4.0035	RBM15	6.87E-06	-3.53613	C15orf48	2.42E-08	-3.57439
TWF1	3.39E-07	-3.98073	FILIP1L	6.13E-05	-3.52232	RAMP3	5.32E-06	-3.56562
GOLSYN	3.99E-09	-3.97207	---	0.00032779	-3.5222	PTGER3	0.00104448	-3.53895
---	4.02E-05	-3.95975	JAK2	5.77E-08	-3.50641	LTBP1	9.92E-08	-3.49033
SMARCD3	1.17E-06	-3.95116	DPY19L1	5.96E-05	-3.4925	ZNF652	0.00130065	-3.4901
8 /// ANXA8L1 /// AN	5.44E-06	-3.94163	UGT2B15	7.54E-10	-3.48608	---	5.64E-13	-3.47575
---	2.35E-06	-3.89914	KMO	5.75E-06	-3.4629	ATRNL1	4.78E-09	-3.45335
ANKRD57	1.92E-09	-3.88312	C14orf147	6.21E-10	-3.4511	---	9.52E-06	-3.45197
---	4.18E-09	-3.87438	FLJ13137	1.87E-08	-3.41892	HEY2	3.14E-09	-3.42763
RFWD3	1.37E-08	-3.84935	---	6.51E-13	-3.39992	AMMECR1	6.81E-09	-3.42646
ASPM	1.87E-05	-3.81796	---	1.49E-05	-3.37012	C100130886 /// TMEM	8.78E-10	-3.42591
ACPL2	1.43E-07	-3.79793	---	7.28E-10	-3.3694	PALLD	7.29E-09	-3.42157
OC100128843 /// POL	3.21E-05	-3.72702	CXCL12	1.59E-10	-3.31845	---	2.73E-05	-3.34517
---	1.42E-06	-3.70786	ELOVL2	5.68E-05	-3.30183	FLJ21272	4.72E-07	-3.33247
C4orf34	7.99E-09	-3.70524	COL12A1	0.00088931	-3.29684	MYB	2.15E-10	-3.32648
CENPI	3.26E-08	-3.68295	RLN2	1.15E-09	-3.28181	ELOVL2	2.53E-07	-3.32121
RABGAP1L	5.00E-06	-3.67051	CD44	2.08E-09	-3.27978	KCNK2	6.58E-08	-3.29035
NCAPH	1.05E-05	-3.66086	AGR2	1.64E-08	-3.25515	RHOF	7.23E-06	-3.27137
RDHE2	0.00023	-3.6591	---	1.51E-05	-3.23859	RAPGEFL1	1.11E-07	-3.26545
KIF15	3.15E-06	-3.65577	KMO	1.66E-06	-3.20213	UGT2B15	3.99E-07	-3.26433
NEIL3	9.40E-07	-3.64602	---	6.99E-08	-3.18884	C9orf61	2.12E-05	-3.22704
E2F2	1.18E-06	-3.64173	SEMA3C	7.78E-08	-3.1831	C4orf19	2.30E-05	-3.21769
HPS4	7.18E-06	-3.63708	AMMECR1	1.13E-08	-3.1735	C100130886 /// TMEM	6.67E-10	-3.20439
LIG1	5.88E-10	-3.60819	RAPGEFL1	1.41E-07	-3.14976	DPY19L1	0.00010076	-3.19387
OGG1	2.03E-05	-3.60129	RUNX1	9.28E-07	-3.14563	---	1.06E-09	-3.18378
NOVA1	1.67E-06	-3.59494	---	3.99E-08	-3.13984	GOLSYN	1.77E-08	-3.13323

HSPA2	8.72E-08	-3.59274	ELOVL2	3.71E-07	-3.13515	LOC100129951	6.37E-05	-3.13208
VCAN	4.06E-07	-3.58766	ZNF185	3.06E-07	-3.12486	PLEKHA2	6.26E-06	-3.12237
PPP1R1C	3.62E-07	-3.58525	MEIS1	8.02E-07	-3.09381	FILIP1L	7.61E-06	-3.10603
PSIP1	4.51E-06	-3.58476	S100A10	6.88E-06	-3.07999	LOC100129951	1.39E-09	-3.10546
CRTAP	1.98E-10	-3.57955	UGT2B15	5.92E-07	-3.07809	COL5A2	0.00040045	-3.09742
TCFL5	5.68E-06	-3.56925	LOC100129951	1.49E-09	-3.07482	GNA12	1.88E-06	-3.06696
HELLS	2.30E-09	-3.5498	GNA12	1.91E-06	-3.05884	LOC727820	9.69E-08	-3.02756
---	2.18E-05	-3.545	---	0.00011014	-3.04425	A4 /// UGT1A5 /// U	9.99E-07	-2.99706
MLF1IP	1.21E-06	-3.54447	FOSL2	9.45E-09	-3.01597	SLC16A6	5.64E-07	-2.99252
HIGD1A	1.09E-05	-3.52742	GOLSYN	2.54E-08	-2.97785	---	1.88E-08	-2.98587
NETO2	6.15E-08	-3.52134	C15orf48	8.63E-08	-2.9544	ANKRD36B	3.28E-07	-2.98272
G6PD	2.25E-11	-3.51892	CD44	1.43E-06	-2.94328	AREG /// LOC727738	1.58E-09	-2.97545
GTSE1	1.22E-07	-3.5176	SYTL4	2.15E-07	-2.94038	FLJ13137	4.85E-08	-2.9724
PDHA1	9.37E-09	-3.5136	C9orf61	3.99E-05	-2.92691	COL12A1	0.00159611	-2.96064
NOTCH3	3.70E-10	-3.50124	TMCC1	9.93E-06	-2.91745	RUNX1	1.43E-06	-2.95485
HELLS	4.19E-08	-3.49891	HNMT	1.49E-05	-2.9125	GRHL1	1.69E-05	-2.91223
PPIA	2.73E-11	-3.49764	---	2.05E-07	-2.90229	LOC727820	1.53E-08	-2.87642
KIAA0101	1.84E-08	-3.4791	KLF4	1.53E-07	-2.89147	DEPDC6	6.12E-09	-2.85758
MPHOSPH9	3.99E-07	-3.47398	OPN3	2.33E-07	-2.89126	BLNK	6.01E-06	-2.84067
C4orf19	1.49E-05	-3.45499	TMCC1	1.09E-05	-2.87154	CXCL12	4.96E-10	-2.82729
LOC442075	8.62E-08	-3.44736	ANKRD36B	4.54E-07	-2.85129	PLEKHA2	2.19E-06	-2.82638
CRTAP	5.14E-08	-3.43816	---	2.08E-06	-2.84792	PAPSS2	8.27E-08	-2.82336
NDE1	2.21E-09	-3.42592	C3	1.88E-06	-2.81282	S100A8	5.12E-08	-2.78687
PRCP	2.49E-08	-3.42562	---	2.20E-07	-2.81233	AMZ1	1.37E-06	-2.78684
FBXO3	3.62E-06	-3.42478	KCNK2	2.02E-07	-2.80583	SYCE2	6.75E-08	-2.7834
LOC100130886 /// TMEM	5.73E-10	-3.42097	GARNL1	7.09E-07	-2.79652	SLC16A6	5.42E-08	-2.76683
---	0.00037	-3.40697	SYTL5	1.11E-07	-2.79138	PAPSS2	1.15E-09	-2.75656
TWF1	1.62E-08	-3.40559	C7orf41	9.34E-06	-2.79051	ABCA11	4.05E-07	-2.73251
COL21A1	4.36E-05	-3.40557	C4orf19	6.06E-05	-2.7788	SYTL5	1.40E-07	-2.70931
BLM	2.56E-08	-3.40327	---	0.00024957	-2.74657	---	6.58E-06	-2.70783
HELLS	3.75E-06	-3.3743	PRUNE	4.54E-07	-2.74425	SCUBE2	4.39E-09	-2.6814
LASP1	3.30E-09	-3.37119	RPL13	3.43E-08	-2.7299	THSD4	1.19E-08	-2.66203
CDC25C	2.52E-07	-3.36536	SCUBE2	3.85E-09	-2.72545	RLN2	5.50E-09	-2.65295
FOXM1	1.71E-08	-3.36371	SYCE2	8.04E-08	-2.72139	LOC81691	1.60E-05	-2.65265
NAV2	6.30E-06	-3.35751	ADCY1	1.79E-08	-2.71079	TXNDC12	1.59E-10	-2.65185
MYBL2	1.09E-08	-3.35539	FLJ21272	2.06E-06	-2.7015	CAP2	3.79E-08	-2.65013
POLQ	2.58E-06	-3.35008	---	2.32E-05	-2.69567	---	1.59E-07	-2.62615
HS3ST3A1	5.50E-08	-3.32921	---	1.01E-05	-2.68456	RAB31	6.71E-10	-2.62109
KIF14	2.01E-06	-3.32657	SGPL1	8.97E-10	-2.68248	---	2.08E-06	-2.61556
CEP72	3.01E-05	-3.32585	LTBP1	6.24E-07	-2.68233	RAB31	4.62E-09	-2.60174
LOC100130886 /// TMEM	1.09E-09	-3.31529	VAV3	4.96E-06	-2.66343	G3BP1	1.55E-07	-2.59553
---	1.09E-06	-3.30158	LOC727820	2.88E-08	-2.65118	GREB1	4.96E-05	-2.59334
CAPS	6.21E-06	-3.28814	AREG /// LOC727738	3.93E-09	-2.64269	PAPSS2	1.92E-05	-2.58893
SYT1	1.36E-08	-3.28693	C1orf198	3.82E-07	-2.64113	RBM15	5.56E-05	-2.58514
---	1.53E-08	-3.28486	---	6.58E-08	-2.62936	SYTL4	0.00083849	-2.58131
TNNT1	1.94E-12	-3.27125	---	8.15E-06	-2.62675	LTBP1	8.09E-08	-2.56999
SLC12A5	1.61E-07	-3.27008	GREB1	4.53E-05	-2.62534	RASGRP1	0.00059889	-2.56583
ST6GALNAC2	6.80E-12	-3.26954	PRUNE	6.47E-09	-2.62366	DOK3	9.40E-05	-2.56199
GPD2	1.19E-06	-3.25746	LOC727820	2.86E-07	-2.62314	LPCAT1	5.28E-10	-2.55779

TIMP2	1.07E-05	-3.25341	HEY2	8.44E-10	-2.6212	LRIG1	3.13E-08	-2.54384
COL27A1	8.84E-07	-3.25082	---	5.17E-08	-2.61651	---	9.09E-09	-2.54111
ATG4C /// CTR9	1.80E-06	-3.24061	PHLDA1	0.00011485	-2.61575	EIF2S3	1.94E-07	-2.54044
RALGPS1	4.34E-08	-3.22872	PAPSS2	1.54E-07	-2.6081	KLF4	4.30E-07	-2.53271
ASRGL1	7.16E-06	-3.2172	DPY19L3	1.73E-06	-2.6074	CCDC18	0.00014438	-2.52874
SPC24	6.14E-06	-3.20382	---	9.17E-07	-2.60401	---	2.09E-07	-2.52438
DIMT1L	1.85E-06	-3.19917	---	2.25E-06	-2.59001	l3orf18 /// LOC72897	1.77E-08	-2.51832
LOC150759	1.94E-05	-3.19706	CD44	1.31E-07	-2.58728	A4 /// UGT1A5 /// U	9.49E-06	-2.5125
CDC42SE1	3.65E-06	-3.19372	ANKRD36B	1.19E-07	-2.57103	---	6.67E-05	-2.4995
PRSS23	1.27E-06	-3.19352	ZNF652	3.06E-09	-2.56213	ZNF185	1.70E-06	-2.48956
PACSN1	6.26E-05	-3.19311	---	1.02E-05	-2.55802	HEY2	1.31E-09	-2.48919
JARID1C	5.00E-05	-3.18331	FIGN	6.77E-07	-2.55674	MGC16121	0.00079872	-2.48417
CDC42SE1	2.85E-05	-3.17684	LTBP1	8.49E-08	-2.55522	SDC2	1.92E-09	-2.48164
IGSF1	2.87E-06	-3.17292	BLNK	1.34E-05	-2.55392	FIGN	0.0021012	-2.48117
AURKB	0.00025	-3.16934	VAV3	8.83E-05	-2.55072	---	0.00017447	-2.47702
KIF4A	1.45E-07	-3.16882	---	6.58E-07	-2.54966	C1orf198	6.61E-07	-2.47157
---	3.09E-06	-3.16844	l13orf18 /// LOC72897	1.60E-08	-2.54894	SGK1	1.44E-09	-2.45533
LOC100132798	1.79E-08	-3.16822	FOSL2	5.48E-11	-2.54216	THSD4	1.91E-07	-2.45059
KLHDC5	3.48E-07	-3.16549	LRIG1	3.15E-08	-2.54168	---	6.73E-06	-2.44934
TYMS	1.30E-09	-3.16491	AHNAK2	0.0116724	-2.54129	MEIS1	4.70E-06	-2.44881
SKP2	1.85E-07	-3.16338	CDON	0.00045491	-2.53339	ANKRD36B	1.81E-07	-2.44692
---	0.00017	-3.1595	THSD4	1.87E-08	-2.52055	---	4.17E-05	-2.43827
---	1.68E-05	-3.15872	MGC16121	0.00072663	-2.51817	CD44	2.02E-08	-2.4377
CARD10	0.00022	-3.15448	IA4 /// UGT1A5 /// UC	9.63E-06	-2.5078	SDK2	0.00047264	-2.42636
MUC5B	2.19E-05	-3.1527	THSD4	1.58E-07	-2.50548	DKK1	5.00E-08	-2.42537
---	6.92E-09	-3.15192	MPPED2	0.00043162	-2.50094	PRUNE	1.25E-06	-2.42285
PRTFDC1	1.35E-05	-3.15174	PLEKHA2	5.68E-06	-2.49926	AM91A2 /// FLJ3973	1.09E-08	-2.42223
NOTCH2	5.44E-08	-3.13967	ZNF652	0.00762344	-2.49817	WISP2	3.49E-05	-2.41758
BUB1B	1.00E-09	-3.13927	CADM1	1.23E-07	-2.49236	AHNAK2	0.0151736	-2.4175
---	6.01E-06	-3.13739	CD44	5.76E-07	-2.48513	SYTL4	1.02E-06	-2.41712
---	2.13E-07	-3.13464	TMCC1	3.81E-07	-2.47437	SEMA3C	6.47E-07	-2.41534
FAM26B	1.18E-08	-3.13145	DKK1	4.21E-08	-2.47356	MGC16121	0.00020099	-2.41433
THBS1	2.12E-08	-3.12819	FIGN	1.89E-06	-2.45951	---	3.44E-05	-2.41114
SLC5A3	4.18E-08	-3.12745	KLF11	1.80E-07	-2.45643	---	0.00306971	-2.40953
---	2.41E-06	-3.12089	KLF4	5.42E-11	-2.4557	LOC150759	0.00014479	-2.40496
CAV1	2.07E-05	-3.11984	PRUNE	4.13E-07	-2.44706	AFAP1L2	4.86E-07	-2.40046
SPC25	2.21E-06	-3.11759	ADCY1	9.39E-08	-2.44436	---	0.0422365	-2.38377
CDC25C	6.99E-09	-3.1113	---	1.27E-08	-2.44391	---	1.67E-08	-2.37768
ABHD2	6.13E-09	-3.11008	CD44	6.97E-08	-2.44036	S100A10	4.79E-08	-2.37743
ACOT7	1.71E-09	-3.1098	BCOR	1.32E-06	-2.43506	CADM1	4.38E-06	-2.37729
SNHG9	5.67E-07	-3.10929	LOC100129951	0.00035557	-2.43465	LOC81691	0.00035561	-2.3742
IFT52	8.69E-10	-3.10637	TMCC1	4.92E-07	-2.43312	MYBL1	3.20E-09	-2.36721
LOC100130886 /// TMEM	8.28E-10	-3.10558	CAP2	7.84E-08	-2.43134	CD44	8.20E-06	-2.35723
GAS2L3	1.33E-06	-3.10154	G3BP1	2.71E-07	-2.4298	---	1.39E-05	-2.35693
SLC25A1	2.46E-08	-3.10008	LPCAT1	8.27E-10	-2.42917	ZNF652	6.41E-09	-2.35587
DTL	1.69E-07	-3.09763	EVL	1.23E-09	-2.42374	SEMA6A	1.88E-07	-2.35097
FAM5C	0.00041	-3.09334	MAF	2.21E-05	-2.414	---	0.00034482	-2.3499
SYTL4	1.51E-07	-3.09078	SYTL5	4.34E-09	-2.40872	HNMT	7.60E-05	-2.34845
AP1S1	1.23E-07	-3.0773	WDR52	0.00026181	-2.40699	---	1.74E-07	-2.34814

C8orf57	3.36E-06	-3.07444	---	0.00063679	-2.40434	RAB31	1.64E-07	-2.34502
FAM26B	6.42E-09	-3.07249	SGK1	1.75E-09	-2.40228	MAF	2.86E-05	-2.34128
---	8.79E-07	-3.07217	FLNB	6.73E-08	-2.40065	FIGN	2.95E-06	-2.33633
TMEM44	3.06E-08	-3.07072	---	3.44E-07	-2.39732	CADM1	2.19E-07	-2.33518
---	1.50E-05	-3.06735	FAM35A	3.71E-09	-2.39414	---	2.34E-06	-2.33193
MDM1	7.46E-06	-3.0646	LOC150759	0.00015093	-2.39236	---	0.00215466	-2.33053
MGC39900	1.60E-05	-3.0642	---	0.00119814	-2.38572	LOC282997	0.00040444	-2.32703
CENPF	3.23E-07	-3.06144	LOC154761	8.06E-05	-2.38196	ADCY1	6.61E-08	-2.32685
POLA1	2.05E-06	-3.05581	CD44	4.27E-06	-2.3796	DCLK1	8.88E-05	-2.32624
TMEM107	3.44E-05	-3.05327	PRAGMIN	1.78E-05	-2.37459	---	8.28E-07	-2.32549
---	2.22E-08	-3.05131	FIGN	0.00281687	-2.37338	---	0.00032268	-2.32394
---	5.77E-08	-3.05024	SGPL1	1.16E-08	-2.37221	CD44	1.09E-07	-2.32195
BIRC5	4.35E-05	-3.04904	MXD1	5.41E-08	-2.37218	DSG2	4.58E-06	-2.31805
FAM46B	0.00065	-3.04819	---	6.56E-06	-2.37171	---	0.00021867	-2.31358
MKI67	1.02E-07	-3.04294	---	1.50E-05	-2.37157	CD44	3.55E-07	-2.30875
ASPM	5.80E-08	-3.04284	ATXN1	1.88E-07	-2.36943	CDV3	1.21E-07	-2.30796
WDR76	4.34E-06	-3.03951	---	1.26E-05	-2.36894	PRUNE	2.01E-08	-2.30571
KCNS3	1.53E-09	-3.02448	PAPSS2	3.95E-05	-2.3674	---	3.46E-05	-2.30536
LOC100129673	4.71E-07	-3.02282	TMED8	6.51E-07	-2.36698	HSD17B10	7.05E-08	-2.30415
UNC119B	7.01E-08	-3.01924	S100A8	2.01E-07	-2.36422	HIPK1	0.00160317	-2.30278
FGFR4	0.00019	-3.0176	PMEPA1	1.09E-06	-2.36393	SLC39A8	1.42E-07	-2.30275
FANCI	1.81E-10	-3.01018	FOSL2	0.00211214	-2.35958	GRHL1	4.01E-07	-2.30176
CENPE	1.08E-08	-3.00676	GARNL1	2.65E-06	-2.35884	TMED8	8.77E-07	-2.29103
GTSE1	1.36E-06	-3.00623	PLEKHA2	5.15E-05	-2.35063	CDON	0.00095075	-2.29086
TSHZ1	4.23E-05	-3.00493	---	0.00019325	-2.34931	---	2.54E-05	-2.28835
---	1.05E-05	-3.00349	KCNJ8	2.43E-06	-2.34889	TMED8	3.40E-09	-2.28665
LTBP1	2.70E-07	-3.00236	LOC100132798	1.91E-07	-2.3456	---	1.46E-06	-2.28649
XPNPEP3	0.00011	-3.00155	WISP2	4.57E-05	-2.34053	VAV3	0.000212	-2.28238
C9orf152	5.59E-06	-2.99864	TFF3	3.25E-08	-2.33928	VAPB	8.27E-05	-2.28164
PTPRS	7.72E-07	-2.99501	TMED8	2.74E-09	-2.33923	TMCC1	8.91E-07	-2.27799
CLCC1	1.65E-06	-2.99204	PAPSS2	4.71E-09	-2.33777	BCOR	2.47E-06	-2.27033
SOX13	5.22E-05	-2.99108	C4orf30	8.68E-08	-2.33421	CAP2	3.36E-07	-2.26877
RAMP3	1.61E-05	-2.9908	G3BP1	3.17E-08	-2.33238	ZBED1	0.00019184	-2.25812
C20orf117	2.83E-05	-2.98997	SYTL4	0.00169172	-2.33177	SYK	4.22E-05	-2.25657
MKI67	2.77E-08	-2.9875	KIAA0114	2.05E-08	-2.32895	FOSL2	1.05E-07	-2.2538
DCLRE1B	6.47E-10	-2.98681	SDC2	3.44E-09	-2.32674	KLF11	4.10E-07	-2.24381
---	1.09E-08	-2.98306	NOS1AP	0.00025666	-2.32525	TRIM45	0.00027747	-2.24295
KIF18A	6.50E-08	-2.98219	PKD2	2.75E-07	-2.32273	PRSS23	4.13E-08	-2.23266
GTSE1	1.53E-05	-2.96846	ATP13A2	3.18E-08	-2.31877	LOC100132999	2.05E-07	-2.22961
KIF2A	1.14E-08	-2.96469	SERPINA1	7.50E-08	-2.31603	C7orf41	5.85E-05	-2.22171
ABHD2	7.20E-09	-2.96364	---	2.40E-05	-2.31429	NOS1AP	0.00037324	-2.221
CDC25A	8.83E-06	-2.96336	PRUNE	0.00019378	-2.31316	SLC39A8	2.53E-08	-2.21914
FAM111B	3.04E-07	-2.95964	---	2.16E-08	-2.31256	PRAGMIN	3.26E-05	-2.21747
---	0.00026	-2.95785	---	0.00012635	-2.30817	---	3.51E-05	-2.21745
KLHDC5	8.60E-09	-2.95139	IL1R1	0.00137498	-2.30605	FAM46B	0.00488989	-2.21635
SRGAP2	3.57E-08	-2.94964	SYCP2	1.01E-05	-2.30095	DSCAM	1.04E-06	-2.21477
SPA17	1.55E-06	-2.94911	THBD	0.00054538	-2.3006	ODC1	5.01E-09	-2.2108
NAGA	6.61E-07	-2.94216	VAV3	3.06E-05	-2.29915	HIPK2	6.62E-06	-2.20761
ESPL1	1.93E-08	-2.93927	FAM91A2	1.54E-07	-2.29793	G3BP1	5.51E-08	-2.20188

WHSC1	7.02E-06	-2.9374	NOS1AP	0.00011255	-2.29653	LBR	5.22E-08	-2.19889
NRGN	8.02E-06	-2.93598	C9orf5	6.30E-09	-2.29454	TMCC1	9.22E-05	-2.19818
MAP2K6	1.90E-05	-2.93166	CADM1	6.01E-06	-2.29429	AGR2	4.15E-10	-2.19659
KATNAL1	6.26E-05	-2.92305	NXPH3	0.00489436	-2.2914	LOC375295	0.00016011	-2.19258
KIF14	1.42E-08	-2.92189	KIAA0506	0.00016039	-2.2841	CYP1B1	1.14E-07	-2.19214
CHAF1A	8.75E-07	-2.92156	PCMTD1	3.85E-05	-2.28385	C1orf106	2.16E-05	-2.19175
RECQL4	5.68E-07	-2.9203	FAM91A2	1.14E-07	-2.26932	TMEM83	3.15E-07	-2.18892
NRNPA3P2 /// NDRC	1.06E-07	-2.91913	FAM91A2 /// FLJ39738	2.00E-08	-2.26903	HTT	5.29E-06	-2.18872
TTK	2.27E-08	-2.91876	SYK	4.02E-05	-2.26866	CD47	3.13E-05	-2.18785
CDT1	6.06E-09	-2.91448	---	0.00068849	-2.26857	RPL13	2.42E-07	-2.18654
GPD2	2.83E-08	-2.9094	DSCAM	8.42E-07	-2.26521	FIGN	2.73E-06	-2.18645
SLC29A3	0.00018	-2.9058	KALRN	2.97E-07	-2.25306	C6orf26 /// MSH5	0.00018441	-2.18597
PPP2R1B	0.00022	-2.90496	MGC16121	0.00034999	-2.25211	FLNB	1.64E-07	-2.18485
EXO1	9.91E-07	-2.90437	---	0.00048521	-2.25091	ASPM	0.00079662	-2.17886
MAMLD1	0.00045	-2.90329	---	6.27E-05	-2.24691	GPR126	0.00017767	-2.1775
---	2.10E-07	-2.90187	---	0.00044665	-2.23607	---	0.00137093	-2.17414
FANCI	1.91E-09	-2.90143	CAP2	3.91E-07	-2.23324	7A5	0.00244338	-2.1674
TH1L	1.15E-10	-2.89842	CYP1B1	9.50E-08	-2.23224	KALRN	4.35E-07	-2.1665
WDHD1	4.51E-07	-2.89747	HIPK2	6.04E-06	-2.22943	TMCC1	1.36E-06	-2.15572
DEPDC1	6.84E-08	-2.89738	MLLT3	1.04E-05	-2.22533	PHLDA1	0.0005249	-2.15556
CAV2	3.34E-05	-2.89311	C6orf26 /// MSH5	0.00015858	-2.22423	SYTL5	1.26E-08	-2.15552
C1orf56	1.36E-06	-2.89192	AHNAK	2.75E-09	-2.22277	SAFB	1.43E-07	-2.14538
AGR3	1.20E-07	-2.88977	FILIP1L	9.93E-05	-2.21664	CYP1B1	5.38E-07	-2.14493
CDCA7	1.02E-07	-2.88958	---	0.00047811	-2.21366	FANCA	0.00060818	-2.1431
SYCE2	5.10E-08	-2.88929	---	4.45E-06	-2.21147	C4orf19	6.30E-06	-2.14227
AP1S1	1.34E-07	-2.88197	---	0.00043045	-2.21055	---	3.77E-05	-2.14156
CAV1	6.46E-07	-2.86866	SULF1	3.79E-08	-2.20849	OLFML2A	0.00010158	-2.13739
ADAM2	5.59E-09	-2.86748	FREM2	2.53E-05	-2.20765	SDK1	0.0004952	-2.13701
CAPS	4.59E-08	-2.86188	MCEE	9.81E-08	-2.20719	ZNF496	0.00039565	-2.13191
GSN	0.00014	-2.86136	HECTD2	2.64E-06	-2.20459	NASP	3.69E-08	-2.13068
C1orf96	2.91E-06	-2.85852	LOC81691	7.61E-05	-2.19563	GREB1	0.00046184	-2.12763
---	1.11E-05	-2.85826	PRSS23	4.93E-08	-2.19301	KIAA0506	0.00029629	-2.12708
ABHD2	2.91E-06	-2.85644	7A5	0.00223656	-2.193	BCOR	0.00023982	-2.12549
GINS3	9.94E-06	-2.85617	SLC25A37	1.17E-06	-2.19101	---	3.37E-05	-2.1254
RAB27A	2.55E-05	-2.8517	TIAM1	3.94E-06	-2.18785	TCF19	1.62E-05	-2.12469
SULF1	1.01E-06	-2.85163	---	0.00059396	-2.18685	1 /// DDX12 /// LOC6	0.00030312	-2.12385
NASP	2.74E-06	-2.85101	S100A10	1.07E-07	-2.18495	TIAM1	5.47E-06	-2.11599
TIMELESS	1.04E-08	-2.84728	CTSD	5.01E-08	-2.18329	---	6.76E-07	-2.11341
PIF1	7.02E-08	-2.84632	NEDD9	6.25E-08	-2.18304	KLF4	2.34E-10	-2.11233
LTBP1	3.62E-08	-2.84538	THBD	0.00095477	-2.18297	---	0.00027264	-2.11201
CDON	0.00021	-2.84387	SHISA2	6.88E-07	-2.17558	---	0.00016776	-2.1104
FLJ13236	1.22E-07	-2.84302	ASB13	6.28E-05	-2.17549	---	3.40E-05	-2.10976
CORO1C	5.98E-09	-2.8416	C9orf5	6.88E-10	-2.17483	NOS1AP	0.00023814	-2.10786
DCLK1	1.92E-05	-2.84086	OLFML2A	8.85E-05	-2.16976	VCAN	0.00540994	-2.10599
MARCKS	8.17E-08	-2.84069	---	2.94E-05	-2.16874	---	2.78E-06	-2.10359
SULF1	4.32E-09	-2.83828	OSTM1	0.00010556	-2.16865	MXD1	1.75E-07	-2.10358
LOC92497	8.50E-05	-2.83821	SULF2	7.17E-08	-2.16755	CD44	1.37E-05	-2.09974
UHMK1	2.08E-05	-2.83642	OSTM1	0.00181916	-2.16711	PNMA2	3.92E-05	-2.09674
SERTAD4	1.93E-07	-2.83624	FGD3	0.00459894	-2.16474	---	1.04E-05	-2.09197

CENPN	2.55E-08	-2.83497	C4orf19	5.74E-06	-2.16272	NKAIN1	0.00105389	-2.09037
C6orf26 /// MSH5	2.42E-05	-2.83287	PCMTD1	1.18E-05	-2.16252	ZNF652	1.61E-08	-2.08105
ITGB3BP	3.13E-09	-2.83202	LOC100132999	2.79E-07	-2.16193	---	2.73E-06	-2.07944
MRE11A	7.89E-06	-2.83164	GSN	0.00107314	-2.16192	HIPK2	0.00014458	-2.07632
UHMK1	9.76E-05	-2.83039	LYN	2.46E-05	-2.16183	TMCC1	0.00015383	-2.07553
GEN1	1.30E-05	-2.83033	MEGF6	1.15E-05	-2.15896	THBS1	0.00128973	-2.0753
ANKRD36B	4.81E-07	-2.82973	---	0.00011982	-2.15567	---	5.46E-05	-2.07172
GPD2	0.00061	-2.82699	---	2.53E-05	-2.15202	LOC154761	0.00027193	-2.07057
CDC20	6.20E-08	-2.8267	---	0.00023124	-2.15148	FAM91A2	4.40E-07	-2.0687
ANGEL2	1.25E-07	-2.82343	---	7.91E-06	-2.14999	VAV3	4.49E-05	-2.06796
ABHD2	8.09E-08	-2.82322	---	2.90E-05	-2.14484	OSTM1	0.00269956	-2.06126
FANCD2	2.28E-08	-2.82214	SLC39A8	3.62E-08	-2.14129	EIF2S3	1.31E-05	-2.05983
COBL1	1.30E-07	-2.82172	ZNF652	1.22E-08	-2.13664	THSD4	0.0060872	-2.05983
ACYPI1 /// C17orf13	1.70E-06	-2.81553	LOC81691	0.00083468	-2.13474	C6orf26 /// MSH5	5.41E-06	-2.05899
DSCC1	2.22E-07	-2.81227	FLNB	1.84E-08	-2.13395	---	1.44E-06	-2.05801
---	7.15E-05	-2.81161	GSN	1.77E-08	-2.12943	PRUNE	0.00053453	-2.05543
---	6.07E-06	-2.81125	SOX13	0.00067029	-2.12495	KCNJ8	8.82E-06	-2.05398
SERBP1	7.51E-08	-2.81047	---	8.57E-06	-2.12426	EIF2S3	2.12E-08	-2.05044
---	2.28E-05	-2.80753	HIPK2	0.00011733	-2.12311	GPR158	0.00904355	-2.05041
ZNF738	0.00019	-2.80271	ATXN1	8.07E-08	-2.12143	HIST1H4H /// HIST1H4A	7.36E-07	-2.0496
FAM46C	6.26E-08	-2.80139	---	0.00429288	-2.11728	STARD4	0.00097225	-2.04951
KCNK2	2.05E-07	-2.80072	EIF2S3	1.05E-06	-2.11565	---	3.47E-07	-2.04795
LAMP2	8.93E-06	-2.79808	LMBR1	4.25E-08	-2.1096	DKFZP434B2016	9.83E-06	-2.04565
MGC3260	9.77E-09	-2.79428	CDKN1B	4.17E-07	-2.10954	FOSL2	0.00592988	-2.04373
KIF2C	1.23E-08	-2.79116	---	2.36E-06	-2.10922	---	9.00E-07	-2.04134
MLF1IP	6.44E-08	-2.78909	C5orf21	1.24E-06	-2.10779	OVOL2	0.00016498	-2.04093
PASK	1.46E-07	-2.7873	---	0.00068436	-2.10693	---	2.73E-05	-2.03849
MTX1	4.19E-07	-2.78646	CYP1B1	6.52E-07	-2.10515	PRUNE	2.47E-06	-2.03199
NRNPA3P2 /// NDRC1	1.04E-07	-2.78309	SDK2	0.00143073	-2.10504	MGC39900 /// TMSL8	2.20E-06	-2.03183
---	1.85E-08	-2.78259	VCAN	0.00545311	-2.10368	CDKN1B	6.36E-07	-2.02745
DLG7	2.69E-10	-2.77643	CDV3	3.03E-07	-2.10298	SULF1	9.34E-08	-2.02644
C9orf103	4.18E-06	-2.77545	TRIM45	0.00048441	-2.10182	---	3.38E-07	-2.02229
NEK2	2.54E-09	-2.77088	PCDHGA4	9.35E-06	-2.10101	SBK1	1.97E-07	-2.0196
ARMC9	0.00399	-2.76836	ODC1	8.57E-09	-2.09871	KIF14	3.90E-07	-2.0186
PRODH	1.64E-05	-2.76607	RAB31	3.46E-08	-2.09803	RMST	0.0602858	-2.01726
PASK	1.14E-06	-2.76446	---	5.35E-06	-2.09726	DEPDC1	6.85E-06	-2.01579
---	2.12E-07	-2.76344	---	2.96E-07	-2.09501	THBD	0.00163015	-2.01367
PLK4	3.28E-09	-2.76329	SDK1	0.00059448	-2.09256	---	0.00499299	-2.00986
ANKRD36B	6.73E-08	-2.76091	CDCA7L	8.57E-08	-2.09148	PCDHGA4	1.48E-05	-2.00905
TMEM77	0.0004	-2.75942	LOC282997	0.00096851	-2.09105	HYOU1	1.71E-08	-2.00693
---	8.45E-07	-2.759	PTGES	1.51E-05	-2.0905	FAM91A2	4.03E-07	-2.00682
UHRF1	1.76E-08	-2.75717	CA8	1.79E-06	-2.08942	KIAA0114	9.55E-08	-2.00348
CKAP2L	2.35E-06	-2.75507	DSCAM	1.86E-08	-2.08797	SLC35A4	2.13E-07	-2.00144
RNF38	1.29E-08	-2.75468	---	0.00209611	-2.08474	GAS2L3	5.09E-05	-2.00139
MGC39900 /// TMSL8	0.00038	-2.75286	MAPT	0.00026273	-2.08388	BNIP1	0.00164541	-2.00083
MAN1A1	1.60E-06	-2.75123	LYN	2.77E-05	-2.0832	ABCG2	1.66E-05	-2.00004
---	8.69E-05	-2.74981	WDR68	6.11E-05	-2.08116	ATP13A2	1.45E-07	-1.99961
C1orf106	3.27E-06	-2.7478	FER1L3	6.71E-09	-2.07529	---	0.00071886	-1.9992
RFC5	2.56E-10	-2.74602	DKFZP434B2016	8.48E-06	-2.07515	SEMA6A	0.00167753	-1.99426

FGFR4	0.00015	-2.74601	---	0.00051561	-2.07359	---	2.03E-08	-1.99418
FAIM	1.54E-05	-2.74594	SLC39A8	4.10E-07	-2.0707	NXPH3	0.00064933	-1.99146
RCAN3	8.98E-09	-2.74481	PPIF	7.68E-09	-2.0701	GRB10	0.00624646	-1.99132
NXT2	2.32E-06	-2.74305	KCNJ8	1.20E-05	-2.06851	---	0.0464399	-1.99076
---	2.94E-06	-2.74295	---	0.00045766	-2.06803	WHSC1	0.00017981	-1.98848
RGS22	7.04E-08	-2.74003	BNIPL	0.00125675	-2.06442	DEPDC1	1.92E-06	-1.98838
PGM2	6.31E-09	-2.73824	JAK2	0.00045316	-2.06325	---	9.48E-06	-1.98621
FAM72B /// FAM72I	5.82E-08	-2.7377	RAB31	6.52E-09	-2.06141	PTGES	2.62E-05	-1.98244
C12orf48	2.70E-07	-2.73545	C1orf106	3.91E-05	-2.0612	LOC442075	8.26E-06	-1.98037
C20orf117	5.86E-06	-2.73386	ABHD2	4.75E-05	-2.05421	MAPT	0.00042583	-1.97978
TWSG1	3.52E-07	-2.73319	---	0.0393927	-2.05315	---	6.16E-08	-1.97667
RAD54L	5.62E-07	-2.73195	LMBR1	3.70E-07	-2.04438	FRMD4A	4.39E-06	-1.97447
HIRIP3	4.02E-07	-2.72989	---	1.57E-06	-2.04233	DSCAM	3.47E-08	-1.9743
TH1L	1.32E-10	-2.7293	FBXL17	0.00360663	-2.03996	CD44	5.36E-06	-1.97308
TH1L	3.03E-09	-2.72766	LOC143381	9.88E-09	-2.03923	SRRM2	0.00022617	-1.9695
APOBEC3B	9.96E-07	-2.72761	---	2.79E-06	-2.03894	MKI67	3.40E-08	-1.96943
WDHD1	1.34E-06	-2.72662	HIPK1	0.00403515	-2.03758	LOC401320	0.00031871	-1.96765
KIF11	9.72E-08	-2.72591	SSR3	2.08E-09	-2.03571	FOSL2	7.31E-10	-1.96195
TMCC1	1.60E-05	-2.72316	MXD1	2.76E-05	-2.03207	CASC5	9.58E-06	-1.96134
MCM10	2.50E-10	-2.72265	SERPINA1	6.82E-07	-2.02885	POLQ	0.0001804	-1.96093
CXCL12	6.66E-10	-2.7226	KLK11	2.38E-07	-2.02843	NXPH3	0.0141742	-1.95995
VAMP4	4.96E-06	-2.71552	LOC649305	1.02E-06	-2.02828	C14orf147	7.74E-08	-1.95956
INPP5F	5.16E-05	-2.71486	C6orf26 /// MSH5	6.37E-06	-2.02731	LOC143381	1.56E-08	-1.95907
FIGNL1	1.39E-08	-2.7146	VAPB	0.00024369	-2.02528	KIAA1908	7.57E-05	-1.95765
PROS1	2.93E-07	-2.71429	---	7.66E-06	-2.02307	---	1.75E-06	-1.95408
MCM5	9.07E-08	-2.71357	METTL7A	0.00022032	-2.02168	CDCA7L	1.83E-07	-1.95366
RAD51	1.50E-06	-2.70683	NXPH3	0.0005814	-2.01526	DPY19L3	2.54E-05	-1.95325
IPP	9.84E-05	-2.7064	HYOU1	1.66E-08	-2.01245	SULF2	2.22E-07	-1.95274
BRCA1	8.22E-06	-2.70574	THBS1	0.00168695	-2.01102	LOC649305	1.57E-06	-1.952
RPL28	2.59E-06	-2.7054	BCOR	0.00040226	-2.00968	MCM3APAS	0.0001233	-1.95193
ORC1L	4.78E-05	-2.7044	SLC16A6	1.72E-05	-2.00935	GP1BB /// SEPT5	0.00012742	-1.95177
UST	2.42E-05	-2.70087	CDK6	2.69E-06	-2.00611	CDV3	1.16E-08	-1.95031
TYMS	2.46E-09	-2.70064	PBX3	8.30E-07	-2.00568	WDR68	0.00011834	-1.9492
LEPR	0.00173	-2.69627	---	0.00085558	-2.00499	RAI14	1.52E-06	-1.9466
TH1L	3.03E-10	-2.69528	ABLIM1	3.41E-05	-2.00223	SLITRK4	0.00043783	-1.94562
F8	3.00E-05	-2.69408	PCDHB14	8.47E-05	-2.00035	CBX5	4.42E-07	-1.94218
---	0.0001	-2.69401	OVOL2	0.00020323	-1.99779	---	0.00029729	-1.94129
CASC5	1.21E-08	-2.69254	---	8.69E-07	-1.99536	TFAP2A	1.09E-06	-1.93486
FAM64A	8.87E-09	-2.69174	---	8.30E-08	-1.99508	---	3.64E-06	-1.93318
SYT1	2.00E-07	-2.69086	GALNT3	1.23E-07	-1.9944	HIST1H4H /// HIST1H4A	1.64E-06	-1.9331
PCDH7	4.18E-05	-2.68803	UTRN	0.0041113	-1.99409	/// LOC728715 /// O	0.00050355	-1.93309
LOC100129951	0.00018	-2.68443	CAPN2	4.41E-08	-1.99284	CCDC85A	0.0002867	-1.93175
CCNB1	3.88E-08	-2.68027	C9orf5	8.43E-11	-1.99213	ASPM	0.00068016	-1.93145
NCAPD3	4.36E-08	-2.67731	---	0.00835828	-1.99123	JAK1	0.00011784	-1.9289
---	1.52E-06	-2.67464	---	0.00407638	-1.99054	GARNL1	1.97E-05	-1.92802
NRM	1.61E-09	-2.67434	MGC39900 /// TMSL8	2.76E-06	-1.99029	UGT1A4 /// UGT1A3	3.88E-07	-1.92797
CEP152	0.00014	-2.67426	---	3.12E-05	-1.98977	---	1.26E-05	-1.92766
ESPL1	2.44E-09	-2.67327	SULF1	9.25E-06	-1.98784	EPPK1	0.0003315	-1.92592
ATRNL1	8.48E-07	-2.66666	PIK3R1	6.56E-07	-1.98756	C4orf30	6.57E-07	-1.92215



PLK1	9.13E-09	-2.66432	ARNT	2.70E-05	-1.98747	JAK2	0.00088766	-1.92045
---	0.00021	-2.66351	ABHD2	3.16E-07	-1.98696	SULF1	1.36E-05	-1.91963
GNA12	5.21E-06	-2.66308	1A4 /// UGT1A5 /// UC	3.43E-05	-1.98331	MCEE	4.48E-07	-1.91826
BRIP1	3.33E-06	-2.6613	PAM	3.49E-08	-1.98312	---	0.00187763	-1.91667
TMEM107	2.23E-06	-2.65876	ZNF703	3.55E-05	-1.98193	CYP1B1	0.00016551	-1.91555
NELL2	4.07E-09	-2.65783	CYP1B1	1.33E-05	-1.98137	JAK1	0.00197921	-1.91277
PLAGL2	3.09E-07	-2.65665	MYBL1	1.99E-08	-1.9812	FREM2	0.00010652	-1.91134
MND1	3.79E-07	-2.65521	GRHL1	1.86E-06	-1.97961	LOC91431	0.00054176	-1.91088
---	1.63E-05	-2.65182	COL18A1	6.30E-05	-1.97827	LMBR1	7.98E-07	-1.9107
TWF1	0.00421	-2.65022	---	5.11E-07	-1.97745	UHMK1	0.00215326	-1.91032
NOTCH2	3.46E-08	-2.64565	RAB31	9.30E-07	-1.97689	KIF14	0.00018573	-1.909
---	5.69E-08	-2.64512	PQLC3	1.06E-08	-1.97409	FKBP5	1.85E-06	-1.90687
MCM5	3.99E-09	-2.64196	SMARCA2	0.00021479	-1.97325	SLC19A2	0.00020977	-1.90658
SHANK2	4.87E-07	-2.64194	SVIL	2.95E-05	-1.97291	NEDD9	2.78E-07	-1.90587
ANLN	3.14E-06	-2.64063	FAM110B	0.00768212	-1.97282	---	0.00058693	-1.90556
CXorf10	8.26E-05	-2.64049	HIST1H4H /// HIST1H	1.31E-06	-1.97123	---	8.55E-07	-1.9053
TIGD7	1.04E-06	-2.6397	---	0.00010559	-1.96989	DST	0.00064303	-1.90486
DEPDC1	9.37E-09	-2.63966	SEMA3C	6.00E-06	-1.96691	QSER1	0.0011448	-1.90444
ZNF346	7.65E-06	-2.63946	SVIL	3.64E-06	-1.96675	TNK2	1.36E-05	-1.90369
OSTF1	7.02E-07	-2.63802	RMST	0.0683143	-1.96595	RAD51L1	0.00018663	-1.89935
RBL1	1.24E-06	-2.63323	TMEM167	1.11E-06	-1.96233	ARSG	0.00021268	-1.89855
---	4.68E-05	-2.63305	---	0.0008357	-1.96223	SGPL1	2.72E-08	-1.89849
---	3.56E-05	-2.63184	AGR2	1.42E-09	-1.96183	LOC100128918	0.00015706	-1.89832
RNFT2	4.12E-07	-2.63031	GRHL1	0.00043324	-1.96054	GARNL1	2.53E-05	-1.89654
C5	9.92E-05	-2.62788	FOSL2	1.09E-07	-1.96033	LMBR1	1.43E-07	-1.89548
EPB41L1	1.23E-06	-2.62721	---	1.49E-06	-1.96022	AHNAK	1.60E-08	-1.89456
LRRRC8B	1.22E-07	-2.62719	PCDHB10	0.00180561	-1.9596	SYNE2	1.04E-05	-1.89422
---	2.97E-07	-2.62345	ROD1	6.20E-09	-1.95794	THBD	0.00323219	-1.89105
CDCA8	1.83E-07	-2.62099	RDH5	3.07E-06	-1.95776	---	0.00091717	-1.89074
RBM3	0.00019	-2.61756	LOC402778	3.07E-06	-1.95761	ATXN1	1.97E-06	-1.88963
---	8.19E-05	-2.61301	LOC727738	0.0212384	-1.95744	CADM1	1.06E-05	-1.88938
---	3.20E-05	-2.61279	TET2	5.38E-05	-1.95721	CDCA7	5.25E-06	-1.88877
TMEM19	2.01E-05	-2.60816	FANCA	0.00135543	-1.95671	PIIF	2.25E-08	-1.88709
E2F7	3.21E-07	-2.6053	POLR2J4	9.37E-06	-1.95466	FLNB	7.52E-08	-1.88485
CDKN2C	1.76E-06	-2.60247	UTRN	1.53E-06	-1.95429	PBX3	1.70E-06	-1.88477
TAF5	1.25E-06	-2.60222	ABHD2	3.21E-07	-1.95334	CTPS2	1.77E-07	-1.88393
FLJ25076	9.19E-08	-2.60213	LOC442075	9.68E-06	-1.9521	SIPA1L1	0.00012657	-1.88221
METTL7B	3.89E-05	-2.60078	---	5.04E-07	-1.952	ZNRF1	0.00010997	-1.88214
GLUD2	7.95E-05	-2.59807	HIPK2	1.89E-06	-1.9491	---	0.00154721	-1.88193
C100132733 /// LOC2	1.37E-06	-2.59791	---	8.08E-08	-1.94516	UGT2B17	0.00559746	-1.88154
RET	9.93E-08	-2.59679	---	0.00050289	-1.94338	FERMT2	5.68E-09	-1.88065
C9orf100	3.32E-06	-2.59593	HIPK2	0.00040751	-1.94126	SYCP2	7.62E-05	-1.88034
CDK2	1.10E-06	-2.59155	LOC644192	1.08E-05	-1.9392	SKP1	3.65E-07	-1.87875
MPHOSPH9	7.13E-08	-2.59013	ZBED1	0.00076301	-1.9372	GNL3L	1.71E-06	-1.87847
AP1S1	3.15E-06	-2.58979	LOC401320	0.00037433	-1.93614	SIDT1	2.69E-06	-1.87825
---	4.87E-12	-2.58909	---	7.86E-08	-1.93593	SLC38A1	4.73E-06	-1.87759
MARCKS	0.00015	-2.58904	SERTAD4	6.40E-06	-1.93538	COX15	1.32E-05	-1.8768
---	0.0008	-2.58784	RBM9	0.00021653	-1.93402	MAP3K1	0.00901682	-1.87505
---	0.0003	-2.58446	C17orf63	0.00510011	-1.93375	---	0.00055213	-1.8748

MKI67	2.37E-09	-2.58435	AMZ1	3.70E-05	-1.93333	EPPK1	6.65E-05	-1.87349
NDC80	2.17E-07	-2.58364	---	0.00088298	-1.9304	NRCAM	3.90E-05	-1.87335
NXPH3	0.00228	-2.58278	TMEM83	1.22E-06	-1.93025	LOC727738	0.0283657	-1.87308
/// NBPF15 /// NBPF	1.27E-05	-2.58053	---	0.00262265	-1.92939	METTL3	6.54E-05	-1.87167
BUB1	9.05E-06	-2.57934	ZNF496	0.0009863	-1.92915	---	0.00282447	-1.87131
EBPL	2.56E-08	-2.57862	ZNRF1	8.55E-05	-1.92615	ZNF789	4.50E-06	-1.87089
SEMA6A	0.00022	-2.57754	SMARCA2	5.97E-05	-1.92597	GOLGA1	1.56E-05	-1.86995
SLC24A1	2.47E-05	-2.57375	COX15	9.77E-06	-1.9258	---	2.60E-05	-1.86992
---	8.55E-07	-2.57344	DSCAM	1.16E-07	-1.9258	DSCAM	1.72E-07	-1.86552
CRTAP	2.63E-07	-2.57287	1 /// LOC728715 /// OV	0.00052877	-1.92361	---	0.00536055	-1.86355
---	1.99E-05	-2.57144	---	2.35E-05	-1.92296	---	0.00122298	-1.86288
TIMM50	2.83E-05	-2.56901	GLCC11	0.00014547	-1.92231	SLC25A37	6.83E-06	-1.8624
DNA2	6.80E-08	-2.56841	ZNF789	3.29E-06	-1.9213	HIPK1	0.00035131	-1.86198
PTGER3	0.00573	-2.56836	11 /// DDX12 /// LOC6	0.00077657	-1.9201	---	1.36E-05	-1.86193
KIF2C	4.43E-08	-2.56784	HTT	2.07E-05	-1.91928	CDC25C	7.82E-07	-1.86097
PHF19	9.02E-07	-2.56781	NBL1	6.04E-07	-1.91881	ADCY1	1.59E-06	-1.85961
---	0.00016	-2.56776	AFAP1L2	4.68E-06	-1.91779	CTSD	3.06E-07	-1.85779
---	1.03E-06	-2.56753	CTSD	5.67E-07	-1.91662	MKNK1	0.00833384	-1.85596
---	0.00023	-2.56669	---	3.81E-05	-1.91577	KIF15	0.00062001	-1.85447
DEPDC1	1.68E-07	-2.56615	---	2.24E-06	-1.9124	SLITRK6	7.72E-07	-1.85094
HOOK1	2.05E-10	-2.56365	SSR3	3.55E-07	-1.91214	TFPI2	0.0104641	-1.85045
FANCA	0.00015	-2.56305	RASGRP1	0.00559456	-1.91051	CYP1B1	2.88E-05	-1.84999
KIF2A	6.50E-06	-2.56281	C20orf142	1.28E-05	-1.90966	TFAP2A	4.43E-05	-1.8495
FGFR3	1.06E-07	-2.5625	PIK3R1	2.81E-06	-1.9088	SMARCA2	0.00042054	-1.84947
CDCA5	1.66E-11	-2.56212	TSPAN15	2.51E-06	-1.90812	PCDHB14	0.00019503	-1.84947
IAA0746 /// SERINC	1.66E-06	-2.56063	FAM46B	0.0142468	-1.90614	EPHA4	2.20E-06	-1.84877
SLC35D1	3.40E-05	-2.55988	JAK2	0.00050084	-1.9058	RDH5	6.04E-06	-1.84822
PTPLAD1	1.31E-09	-2.55909	CD44	0.00579679	-1.90362	ZNF84	7.16E-06	-1.8463
NUF2	1.35E-06	-2.55817	SULF1	3.92E-05	-1.90139	DSG2	2.10E-07	-1.8449
LOC145842	0.00013	-2.5573	---	3.57E-08	-1.90088	---	0.00012535	-1.84479
EML3	1.03E-06	-2.55721	---	3.29E-06	-1.90072	FKBP5	5.61E-07	-1.84414
SULF1	8.74E-07	-2.55407	---	0.00399991	-1.90062	KCNJ8	4.28E-05	-1.84184
---	2.74E-05	-2.54973	AHNAK2	1.41E-05	-1.89982	LOC402778	6.29E-06	-1.84159
CHEK1	7.25E-06	-2.54838	COL4A6	0.0117989	-1.8994	BCL2	0.00264543	-1.84036
C20orf160	8.58E-05	-2.54759	IGSF3	2.47E-08	-1.89872	PPIF	9.04E-09	-1.83978
RBBP9	0.00023	-2.54643	CADM1	1.01E-05	-1.89807	NOLC1	1.40E-05	-1.83975
TYMK /// LOC72776	2.42E-08	-2.54564	---	5.02E-06	-1.89595	---	7.53E-05	-1.83786
---	8.38E-05	-2.54424	HIST1H4H /// HIST1H	1.83E-06	-1.89171	PODXL	6.08E-08	-1.83698
LOC143381	1.30E-10	-2.54253	---	0.00091747	-1.89068	COX15	0.00054026	-1.83434
AGR2	1.05E-07	-2.53847	HIPK1	4.77E-07	-1.89022	LOC644192	2.07E-05	-1.83422
MYEF2	2.37E-06	-2.53759	KIAA1908	0.00011107	-1.88921	SLITRK6	1.57E-07	-1.83211
---	0.00026	-2.53603	PRICKLE2	5.02E-06	-1.88849	FGD3	0.0158236	-1.83174
---	2.04E-06	-2.53446	---	6.91E-05	-1.88768	---	0.00017197	-1.83007
---	1.53E-06	-2.53374	DICER1	1.81E-05	-1.88726	MKI67	1.12E-05	-1.82759
RAB3IP	0.00088	-2.52957	---	2.20E-06	-1.88726	---	0.0015043	-1.82612
RABL2A /// RABL2B	1.91E-06	-2.5292	---	4.83E-06	-1.88671	NBL1	1.11E-06	-1.8257
CD109	3.02E-06	-2.52886	UGT2B17	0.00550273	-1.88533	FAM111B	2.69E-05	-1.82235
CENPJ	2.07E-06	-2.5279	DSG2	3.77E-05	-1.88179	LOC150051	0.00391866	-1.82053
PCDHGA4	1.75E-06	-2.52648	PPIF	6.82E-09	-1.881	LGALS1	4.21E-07	-1.8205

FCHSD2	2.09E-05	-2.52494	---	0.00016785	-1.87941	---	4.60E-05	-1.8205
---	4.58E-08	-2.52151	CCDC18	0.00177061	-1.87929	---	0.0264985	-1.8203
XRCC3	2.02E-06	-2.52069	BCL2	0.00219344	-1.87723	---	0.0316093	-1.81959
UGT2B17	0.00058	-2.51999	ACVR2B	3.97E-05	-1.87645	ZBTB5	1.91E-07	-1.8168
PCDHB14	1.05E-05	-2.51934	SLITRK6	1.17E-07	-1.87488	---	0.0100728	-1.81284
PCDHB16	1.16E-05	-2.51878	PAM	3.64E-06	-1.87399	E2F2	0.0003351	-1.81189
LOC440995	3.18E-05	-2.5187	---	0.00013214	-1.87356	SHISA2	5.37E-06	-1.81073
NCAPG	5.57E-07	-2.51849	SSR3	1.83E-05	-1.87193	LOC100132181	1.17E-05	-1.80949
CNPY3	0.00149	-2.51723	---	0.00117827	-1.86989	---	0.00136726	-1.8087
---	2.84E-06	-2.51576	LBR	3.18E-07	-1.86858	IGSF3	4.60E-08	-1.80859
PPM1F	0.00025	-2.5145	---	7.03E-05	-1.86484	KLHDC4	0.00057186	-1.80855
ZNF592	2.32E-05	-2.51289	PRPS1	6.09E-07	-1.86102	PRSS23	0.0133258	-1.80854
KIF18B	1.93E-08	-2.51224	TCF3	0.00094345	-1.86059	PCDHB10	0.00380565	-1.80699
PRIMA1	2.40E-05	-2.51146	---	0.00027172	-1.86009	ZAK	0.00018475	-1.80564
CCDC18	0.00015	-2.50929	DCLK1	0.00071611	-1.85816	CA8	9.49E-06	-1.80558
FIGNL1	5.02E-06	-2.50763	SYNE2	1.31E-05	-1.85662	---	0.00027138	-1.80487
DOK7	1.70E-06	-2.5075	GPNMB	4.06E-06	-1.85607	JAK2	0.00088827	-1.80384
CALML4	3.73E-05	-2.50559	---	2.19E-06	-1.8555	PMEPA1	1.89E-05	-1.80238
PROCR	7.30E-05	-2.504	ANKRD52 /// UNQ583	1.16E-06	-1.85338	ORMDL3	0.038324	-1.80233
EML1	1.76E-06	-2.50248	MPZL1	8.01E-05	-1.85311	TMEM137	0.00010643	-1.80138
LOC100132181	4.31E-07	-2.49911	RGS22	3.14E-06	-1.85292	PCP4	3.09E-06	-1.80112
HDAC8	0.00053	-2.49891	---	2.87E-05	-1.85252	NFATC2IP	3.01E-05	-1.80042
KIFC1	4.69E-08	-2.49853	THSD4	0.0135683	-1.85214	CBFB	8.93E-08	-1.80001
NOTCH2	4.57E-08	-2.49744	PRDM2	9.94E-05	-1.84608	FAM35A	8.38E-08	-1.79999
PCDH9	2.14E-06	-2.49524	NFATC2IP	2.23E-05	-1.84537	COX15	3.52E-07	-1.7996
---	5.22E-09	-2.49499	SLITRK6	0.00099388	-1.84474	FANCA	3.95E-06	-1.79859
DEPDC1B	4.48E-07	-2.49302	SLC16A6	2.78E-06	-1.84375	NPY1R	5.37E-07	-1.79813
C14orf106	4.46E-08	-2.49161	---	1.89E-07	-1.84339	---	0.00706507	-1.79754
SUV39H1	4.91E-07	-2.49063	GNL3L	4.39E-07	-1.84206	C3	0.00012256	-1.79684
SGOL2	7.51E-07	-2.48847	CCDC85A	0.00047167	-1.84206	CENPI	0.00106674	-1.79561
CHEK1	2.43E-08	-2.48628	SLITRK4	0.00076411	-1.84189	FUS	0.0005632	-1.79491
SGOL2	8.73E-06	-2.48537	RPL31	3.70E-05	-1.84086	VAV3	0.00036186	-1.79414
CENPJ	4.19E-07	-2.48339	---	1.84E-06	-1.84038	MXD1	0.00011071	-1.79304
NCAPG	8.58E-06	-2.48186	WDR68	1.58E-05	-1.83998	COL4A6	0.0184717	-1.79139
ERCC6L	7.30E-07	-2.48131	NOTCH2NL	1.29E-07	-1.83907	HECTD2	2.60E-05	-1.78972
---	0.00019	-2.48109	GRB10	0.0116698	-1.83887	---	6.58E-05	-1.78709
---	2.44E-07	-2.47988	SULF2	3.12E-08	-1.83872	---	3.22E-07	-1.78695
NUP50	2.50E-08	-2.47924	C4orf30	3.52E-05	-1.83824	GSN	0.00563564	-1.78568
SYNC1	1.49E-06	-2.47873	NHLRC3	2.26E-05	-1.83726	PIK3R1	6.45E-06	-1.78427
PSRC1	1.23E-08	-2.47842	---	8.06E-06	-1.83689	---	0.00021873	-1.7842
CENPA	2.19E-09	-2.47783	---	0.00082616	-1.83489	NRIP1	4.89E-05	-1.78192
SLC8A1	1.19E-05	-2.47778	---	4.13E-06	-1.83171	POMT2	0.00018642	-1.78184
RNF34	5.63E-05	-2.47581	LOC285382	0.0320285	-1.83004	SUV420H1	5.89E-07	-1.78122
ARF3	1.50E-07	-2.47569	UHMK1	0.00321888	-1.82937	SLC9A2	0.00033295	-1.78113
---	0.00446	-2.47471	LOC730091	0.00021029	-1.82875	LYSMD1	0.0264055	-1.781
RPA1	5.30E-10	-2.47444	GLCCI1	5.06E-08	-1.82846	---	0.00100354	-1.78025
WHSC1	2.33E-08	-2.4736	ZNF84	8.21E-06	-1.82588	RC3H2	0.00040331	-1.77924
SKP2	3.77E-07	-2.47268	PPP3R1 /// WDR92	0.00193509	-1.82436	HIST1H2BG	3.67E-06	-1.77769
DSCAM	3.85E-07	-2.47149	---	0.133853	-1.82255	---	0.00073747	-1.77507

KNTC1	9.71E-07	-2.47105	---	0.00127871	-1.82213	---	4.82E-05	-1.77506
BNIPL	0.0003	-2.46971	PRODH	0.00065109	-1.8216	GTSE1	0.00124242	-1.77416
NAPEPLD	0.0002	-2.46767	---	2.48E-05	-1.82037	NUP62	4.03E-05	-1.77411
EML3	3.72E-06	-2.46655	SMTN	7.23E-06	-1.8203	RNFT2	0.00022968	-1.7737
TSGA14	1.19E-08	-2.46641	---	2.28E-06	-1.81983	PCMTD1	0.00048453	-1.7729
RBM8A	1.48E-05	-2.46547	LGALS1	4.26E-07	-1.81911	CEP72	0.00388837	-1.77244
TDP1	4.16E-06	-2.4651	CPEB4	0.00033468	-1.81897	HELLS	1.70E-05	-1.77211
NFATC2	2.85E-08	-2.46316	---	2.05E-05	-1.81591	SERTAD4	1.86E-05	-1.77169
CDC74A /// CCDC74	2.51E-08	-2.46061	---	2.93E-06	-1.81452	TET2	0.00294215	-1.77024
MLF1IP	5.27E-08	-2.45927	C22orf39	0.00120904	-1.81421	A4 /// UGT1A5 /// U	0.00066041	-1.76913
LOC92482	1.10E-07	-2.45619	---	0.00715815	-1.81369	PKD2	5.54E-06	-1.76732
LMBR1	6.26E-08	-2.45473	---	0.000359	-1.81131	ABHD2	8.16E-06	-1.76724
CRTAP	8.28E-05	-2.45429	NEBL	2.51E-07	-1.81128	JAK1	4.19E-05	-1.76643
HSPC105	4.96E-06	-2.45255	ABHD2	5.97E-06	-1.81049	---	0.00115591	-1.76564
TRIM73	2.88E-07	-2.45202	C10orf33	2.47E-06	-1.80997	ZNF275	0.00209579	-1.76449
C13orf3	5.51E-06	-2.44965	MPZL1	4.08E-05	-1.80873	MITF	0.00330009	-1.76355
SLCO3A1	8.33E-05	-2.44953	DMPK	4.15E-09	-1.80867	DST	1.71E-07	-1.76344
CENPM	2.16E-06	-2.44855	COX15	3.31E-07	-1.80828	PCMTD1	0.00010868	-1.76294
13orf18 /// LOC72897	2.27E-08	-2.44681	LOC100128918	0.00027008	-1.80763	ESR1	5.88E-06	-1.7617
SLC35D1	8.64E-05	-2.44648	MPZL1	0.00017458	-1.80756	EIF2C2	6.54E-08	-1.75994
COL27A1	2.11E-05	-2.44591	---	3.12E-06	-1.80707	RUFY2	6.92E-06	-1.75969
CCNF	1.46E-08	-2.44538	RC3H2	0.00033822	-1.80698	PIK3R1	2.96E-06	-1.75828
CTDSPL	5.75E-05	-2.44481	EIF2AK1	0.00235009	-1.8058	---	1.29E-05	-1.7578
---	0.00168	-2.44398	EIF2S3	5.69E-05	-1.80526	SKP1	3.76E-06	-1.75753
CD44	0.00053	-2.4428	FERMT2	9.68E-09	-1.80472	SNX4	2.68E-07	-1.75691
CDC6	1.33E-07	-2.44232	SLC35A4	7.47E-07	-1.8043	---	0.00011608	-1.75624
CRABP1	2.30E-06	-2.44174	---	0.00010629	-1.8041	---	0.00052377	-1.75548
---	2.24E-07	-2.44162	SLITRK6	1.08E-06	-1.80346	LOC100132798	4.67E-06	-1.75502
CDCA3	4.31E-08	-2.44128	PODXL	7.74E-08	-1.80338	NUP214	0.00307333	-1.75411
BIRC5	4.13E-07	-2.44082	SLC36A1	1.44E-05	-1.80189	SVIL	1.48E-05	-1.75209
TOP2A	6.61E-07	-2.43986	C6orf141	0.00080238	-1.80127	GTF2E1	1.10E-06	-1.75167
---	1.89E-05	-2.43897	HSPC159	3.04E-05	-1.80117	---	0.00957912	-1.75137
GINS2	2.60E-10	-2.43896	LOC375295	0.00107572	-1.80017	NLN	0.00055263	-1.75073
CDC7	1.84E-07	-2.43726	HDLBP	8.04E-07	-1.79986	ASB13	0.00059216	-1.74976
SPIN4	2.14E-06	-2.43722	HIPK1	0.00050876	-1.79985	CXXC5	8.39E-08	-1.74755
HLA-DMA	0.00012	-2.43615	RPS15A	0.00013312	-1.79893	---	0.00049844	-1.74734
AHNAK2	0.01463	-2.4344	KIAA1632	0.00491155	-1.79892	WDR68	3.04E-05	-1.74692
---	0.00054	-2.43377	---	4.33E-07	-1.79805	PAM	1.75E-07	-1.74614
RFC5	3.14E-08	-2.43188	UGT1A4 /// UGT1A6	9.28E-07	-1.79758	UGT1A4 /// UGT1A	1.64E-05	-1.74573
---	4.49E-06	-2.42801	NASP	0.00018816	-1.79688	---	4.74E-06	-1.7456
NP	1.32E-08	-2.42691	SUV420H1	5.28E-07	-1.79583	ABHD2	1.35E-06	-1.74308
TMPO	8.11E-06	-2.42648	PRSS23	0.014129	-1.79545	TSPAN15	7.90E-06	-1.74172
ADCY1	4.53E-08	-2.42598	LOC100132181	1.30E-05	-1.7945	ZNF789	0.0001465	-1.74164
SAMD11	9.68E-06	-2.4222	---	0.00101695	-1.79361	---	0.00404037	-1.74148
ANLN	8.48E-08	-2.42173	GOLGA1	2.60E-05	-1.79297	ARHGAP21	3.69E-05	-1.7411
LOC649305	1.81E-07	-2.42168	---	1.63E-06	-1.79253	TMCO1	1.85E-08	-1.74075
PPIL5	4.02E-11	-2.4199	GTF2E1	8.12E-07	-1.79151	LOC254128	0.00017545	-1.73974
FANCG /// VCP	2.13E-09	-2.41825	POMT2	0.00017525	-1.79118	CD47	0.00292619	-1.73952
HMMR	2.13E-06	-2.41619	DOK3	0.00215893	-1.78943	NUP62	1.67E-06	-1.73645

NASP	1.10E-08	-2.41591	WEE1	8.00E-07	-1.78669	NKRD52 /// UNQ583	2.72E-06	-1.73625
RPL37	6.04E-05	-2.41435	LYN	0.00014746	-1.78561	---	0.00015467	-1.73469
ACOT7	8.06E-08	-2.41322	---	0.0434919	-1.78522	SF1	0.00475735	-1.73456
ERCC1	1.57E-05	-2.4124	EIF2C2	5.39E-08	-1.78511	---	0.013918	-1.73444
CALML4	2.08E-06	-2.41123	PACS2	3.68E-07	-1.78463	FOXRED2	6.49E-05	-1.73408
---	1.06E-05	-2.41003	---	0.00090228	-1.7844	3D /// HIST1H3E ///	0.00455143	-1.73165
---	0.0013	-2.41002	C12orf60	0.00075057	-1.78258	RAD51	0.00012031	-1.73146
LOC54492	1.16E-10	-2.4097	---	0.00027438	-1.78169	HIST1H1C	5.02E-07	-1.73039
CDCA2	2.02E-06	-2.40927	---	4.88E-06	-1.7816	TCF3	0.00201959	-1.73032
---	2.50E-07	-2.40923	RPL37	0.00105295	-1.77972	EVL	5.46E-08	-1.72955
---	1.32E-07	-2.40892	TncRNA	4.23E-06	-1.77944	---	0.0004545	-1.72801
MLLT11	9.79E-06	-2.40744	GP1BB /// SEPT5	0.00035193	-1.77906	LOC401320	0.0116993	-1.72757
CRTAP	0.00027	-2.40556	TncRNA	2.05E-07	-1.779	PCDH9	9.49E-05	-1.72722
MCM2	1.24E-07	-2.40483	ZFH3	1.89E-07	-1.77778	---	0.00014927	-1.7271
ZAK	1.64E-06	-2.40392	LOC100133660	3.88E-06	-1.77673	TMCO1	2.85E-06	-1.727
FLJ25076	5.88E-08	-2.40277	---	7.23E-05	-1.77346	H2AFJ	0.00079469	-1.72624
BUB1	1.92E-08	-2.40074	---	0.00727776	-1.77278	WHSC1	1.24E-06	-1.72306
AP3S1	4.66E-11	-2.39933	ADIPOR1	5.07E-08	-1.77194	AKAP13	0.00121301	-1.72066
---	3.97E-05	-2.39931	SEMA3A	0.00235911	-1.77181	TCF3	6.95E-08	-1.72009
PFTK1	8.80E-07	-2.39901	WDR68	4.94E-08	-1.77156	SEMA3A	0.00322887	-1.71906
CBL	0.00046	-2.39711	RNFT2	0.00023585	-1.76974	OSTM1	0.00113837	-1.71772
SMC4	4.24E-10	-2.39663	SDC2	1.35E-06	-1.76913	---	0.00189812	-1.7169
---	6.32E-08	-2.39635	LPP	8.90E-07	-1.76882	BRCA1	0.00092655	-1.71644
YWHAQ	3.12E-07	-2.39634	---	9.45E-07	-1.76728	C9orf100	0.00020996	-1.71378
TBCCD1	0.01812	-2.39614	WHSC1	0.0006406	-1.76481	DLC1	7.75E-07	-1.71347
SFRS9	3.13E-10	-2.39557	---	1.13E-07	-1.76473	---	8.31E-06	-1.71317
---	2.85E-05	-2.39484	P704P	3.81E-08	-1.76199	DICER1	0.00043846	-1.71312
HJURP	4.38E-08	-2.39375	---	3.50E-05	-1.76156	CD44	0.0143007	-1.71268
DHTKD1	4.22E-07	-2.39323	SRRM2	0.00074336	-1.76117	ESPL1	4.25E-06	-1.7116
C12orf48	1.05E-05	-2.39297	---	0.00012426	-1.76043	FUS	8.55E-06	-1.71137
GRK6	1.14E-06	-2.38869	UBE4B	0.00014123	-1.75793	SYNE2	0.0004062	-1.70977
SMC2	2.67E-07	-2.3873	PIK3R1	3.52E-05	-1.75773	NFATC2IP	0.00064707	-1.70905
RNASEH2A	9.91E-08	-2.38158	PREX1	1.25E-08	-1.75736	LOC100133660	6.58E-06	-1.70904
---	3.05E-05	-2.38147	ARSG	0.00050191	-1.75726	DICER1	6.24E-05	-1.7083
YWHAQ	1.40E-11	-2.38078	C6orf120	1.52E-06	-1.75675	---	0.00022643	-1.70809
C9orf40	5.73E-05	-2.38046	C1orf34	3.16E-06	-1.75624	DEPDC1	9.85E-07	-1.70745
---	4.05E-06	-2.37921	LOC143381	7.20E-09	-1.75577	PACS2	6.80E-07	-1.70739
LOC100133660	1.65E-07	-2.3785	---	0.00020331	-1.75519	NBPF4	0.00026249	-1.70684
TROAP	1.73E-08	-2.37784	---	5.42E-05	-1.75478	DEPDC1	1.34E-05	-1.70663
---	2.48E-10	-2.37737	---	0.00190703	-1.75459	HP1BP3	0.00016089	-1.70602
C14orf112	1.56E-06	-2.37462	---	0.00259983	-1.75378	ELP3	8.32E-06	-1.7059
LOC150166	3.14E-05	-2.37105	FAM134A	5.63E-08	-1.75346	DMPK	9.46E-09	-1.70583
CCDC14	7.01E-08	-2.36998	---	0.0329341	-1.75267	PHACTR4	1.42E-05	-1.70546
CDT1	6.58E-09	-2.36981	LRRC23	0.00365222	-1.75227	---	1.55E-06	-1.70521
C10orf57	2.38E-06	-2.3698	GNL3L	4.22E-06	-1.74993	WFS1	4.96E-06	-1.70512
---	7.57E-08	-2.36961	SLC19A2	0.00054753	-1.74861	C17orf63	0.0148946	-1.70506
TUBB	7.40E-11	-2.36854	NR2F2	6.44E-05	-1.74773	---	6.33E-06	-1.70248
TSPAN4	7.75E-06	-2.36803	---	0.00017019	-1.74753	---	1.98E-06	-1.70243
UBE2R2	3.21E-07	-2.36789	POLR2J4	3.46E-06	-1.74751	UHMK1	0.00196299	-1.7013

TMCC1	4.86E-05	-2.36751	---	0.00277831	-1.74725	SMTN	0.00021646	-1.70105
---	1.64E-06	-2.36667	MITF	0.010664	-1.7467	PRLR	0.00260483	-1.69932
IQGAP3	0.00015	-2.36269	HECW2	0.00350194	-1.74506	BRIP1	0.00028173	-1.69799
MTSS1	2.00E-11	-2.36215	C2orf55	7.90E-05	-1.74505	AMFR	0.0443091	-1.69653
PTPLAD1	1.59E-07	-2.36202	KIF14	2.33E-06	-1.74488	THBS1	6.45E-07	-1.69588
---	4.03E-06	-2.36041	---	0.00014038	-1.74481	RBP7	0.0251317	-1.69542
MCM7	9.37E-09	-2.36029	MITF	0.00371286	-1.74303	---	2.15E-06	-1.69531
TFF3	2.99E-08	-2.3602	GLCCI1	3.95E-09	-1.74298	EPPK1	0.00557721	-1.69512
CHEK1	2.52E-05	-2.35741	CDK6	0.00308001	-1.74268	---	0.00025069	-1.69497
CTPS2	1.64E-08	-2.35736	EIF2S3	1.60E-07	-1.74199	ISCA1	0.00026059	-1.69455
CENPL	6.28E-06	-2.357	RAB30	6.06E-05	-1.741	---	0.0087074	-1.69449
---	0.00508	-2.35696	JAK1	0.00037866	-1.7393	SULF1	0.00015921	-1.69393
THBD	0.00053	-2.35428	MTERFD3	0.00017035	-1.73812	---	0.00036138	-1.69373
PIGM	0.00068	-2.35358	TCF3	6.03E-08	-1.73732	NOLC1	1.34E-06	-1.6932
SPAG5	2.17E-06	-2.3535	POLR2J4	4.22E-06	-1.73632	FLJ41747	0.0113105	-1.69286
UPK3B	0.00025	-2.35317	---	0.00038658	-1.73615	ELF1	0.00019902	-1.69274
POLE2	3.76E-07	-2.35045	WDR68	1.29E-08	-1.73542	C9orf130	0.00069663	-1.69252
---	2.62E-06	-2.34574	---	0.00493367	-1.73519	ZNF703	0.00022798	-1.69066
TFDP1	1.22E-06	-2.34518	WSB1	1.27E-06	-1.73371	MEGF6	0.00017875	-1.69053
SHANK2	0.00038	-2.34495	LOC401320	0.0113454	-1.73355	NUPL1	0.00149164	-1.69018
HOOK1	8.29E-08	-2.34443	ZFH3	7.90E-05	-1.73252	TMEM167	7.43E-06	-1.68997
POLD1	5.00E-10	-2.34399	C20orf199	0.00018759	-1.73159	NHSL1	1.87E-06	-1.68979
CARHSP1	5.05E-08	-2.34322	ANK3	0.0105946	-1.73147	---	0.0028769	-1.68834
SRR	1.35E-06	-2.34177	CBFB	1.53E-07	-1.73117	NR2F2	0.00010137	-1.68807
CDC45L	8.41E-08	-2.33972	PAM	0.00014844	-1.73072	NFIC	0.00027899	-1.68783
NPAL2	1.52E-08	-2.33854	LOC728198 /// TAF9B	1.12E-06	-1.73066	SMTN	1.96E-05	-1.68782
POLR3G	0.00285	-2.33819	LMBR1	7.79E-07	-1.72967	ATXN1	1.34E-06	-1.6878
AHI1	9.91E-05	-2.33735	MAGED2	8.33E-09	-1.72951	MAPT	1.87E-06	-1.68725
---	1.03E-07	-2.33719	JAK1	6.86E-07	-1.72792	LRRFIP1	2.31E-05	-1.68643
GINS1	1.85E-08	-2.33669	---	0.00053494	-1.72693	FOXM1	1.13E-05	-1.68638
GSN	7.09E-09	-2.3361	---	0.0450972	-1.72652	APOLD1	0.0228229	-1.68619
PBK	1.26E-08	-2.33604	---	0.00023798	-1.7258	PRDM2	0.00030021	-1.68527
TMPO	7.64E-07	-2.33601	TMEM137	0.00018014	-1.72552	AHNAK2	6.34E-05	-1.68481
CAND1	5.93E-08	-2.33575	UGT1A4 /// UGT1A6	1.92E-05	-1.72546	TMEM194	7.17E-08	-1.68376
C5orf21	4.61E-07	-2.33443	HMOX1	0.00106214	-1.72514	WDR59	0.00237314	-1.6837
LOC100133315	0.0005	-2.33431	SMTN	0.00018165	-1.72469	SPEN	0.00471264	-1.68341
CENPK	0.00017	-2.33415	---	0.00678958	-1.72418	HMOX1	0.00141163	-1.68334
C14orf145	0.0006	-2.33321	---	0.00305337	-1.72196	GTSE1	9.23E-05	-1.68329
LOC440288	0.00011	-2.33064	LOC91431	0.00163679	-1.72135	---	0.00028249	-1.6828
CDK5RAP2	1.02E-06	-2.33049	WEE1	1.32E-05	-1.72086	ABHD2	0.00044698	-1.6824
AURKB	2.62E-07	-2.33016	PDLIM5	9.31E-06	-1.72064	ABCA5	0.00592242	-1.68203
RPA1	4.17E-08	-2.33004	PLLP	0.00023596	-1.72021	---	0.00146929	-1.68147
---	2.09E-05	-2.32916	---	0.0013761	-1.71998	POLA2	8.25E-06	-1.68126
PTMA	9.57E-08	-2.32893	CALCOCO1	0.00060063	-1.71876	CTSD	3.19E-06	-1.68078
MGC39900 /// TMSL8	5.72E-07	-2.3281	---	6.07E-07	-1.71791	FBXO16 /// ZNF395	0.00053642	-1.68036
PTMAP4	4.65E-08	-2.32732	ISCA1	0.00022215	-1.71598	ZRANB3	0.00125973	-1.68021
---	3.67E-05	-2.32452	TXNDC12	1.73E-08	-1.71594	EPHA4	3.70E-05	-1.67998
NFATC2IP	2.82E-05	-2.3244	LOC728198 /// TAF9B	0.00024689	-1.71556	C10orf2	0.00124402	-1.67974
RRM1	5.56E-08	-2.3235	---	0.00123864	-1.71541	LOC100129917	0.00250623	-1.6794

BIRC5	4.01E-06	-2.32253	FAM111B	5.81E-05	-1.71493	---	0.010726	-1.67901
WHSC1	1.24E-09	-2.3181	---	0.00069467	-1.71379	---	0.00181744	-1.67866
PGM2	1.27E-05	-2.31802	CTPS2	6.22E-07	-1.71354	NFATC3	0.00076211	-1.67863
MKI67	5.66E-08	-2.31797	---	0.00016769	-1.71297	C20orf94	1.13E-05	-1.67835
100132218 /// LOC72	8.85E-06	-2.3172	C20orf117	0.00049828	-1.7126	BNIP3L	2.09E-05	-1.67826
LMBR1	2.79E-08	-2.31571	---	1.82E-06	-1.71259	CAPRIN2	0.0009691	-1.67823
CCDC90A	4.70E-07	-2.31531	JAK1	0.005821	-1.7091	---	0.00113772	-1.67718
PLEKHB2	1.63E-05	-2.3151	GREB1	0.00376178	-1.7088	CDH26	0.00203468	-1.67626
POGK	0.00077	-2.3151	ELP3	8.19E-06	-1.70775	KLC1	2.11E-08	-1.67615
PTMA	1.43E-10	-2.31487	SNX4	4.06E-07	-1.70592	CDV3	2.19E-07	-1.67558
CSNK2A2	1.54E-06	-2.31451	COX15	0.00121354	-1.70592	SBK1	0.00063138	-1.67552
PCDH7	0.00076	-2.31334	---	0.00032919	-1.70564	---	0.00227449	-1.67522
HNMT	8.62E-05	-2.31324	BNIP3L	1.67E-05	-1.70515	NENF	9.40E-05	-1.67504
---	7.48E-06	-2.31184	CDV3	6.80E-08	-1.70507	CD47	1.96E-06	-1.67433
NCAPG2	5.45E-08	-2.31156	PREX1	1.27E-07	-1.70452	SAFB	6.10E-09	-1.67392
FAM111B	3.36E-05	-2.31057	MAPT	1.63E-06	-1.70348	ZNF311	0.00193893	-1.6733
C5orf34	2.88E-07	-2.31009	---	0.00172273	-1.70336	SGPL1	6.67E-07	-1.67259
CCDC99	5.59E-07	-2.30896	---	7.49E-07	-1.70175	AKAP13	2.47E-05	-1.67142
CAP1	1.27E-09	-2.30846	LOC645722	3.20E-07	-1.70173	CMTM3	0.00567153	-1.67132
TACC3	1.30E-07	-2.30553	FLJ27365	0.00350759	-1.70034	HIPK2	1.36E-05	-1.67129
SYTL5	5.55E-07	-2.30468	RIMS3	0.0088323	-1.69992	PRICKLE2	2.47E-05	-1.6704
CAND1	3.36E-06	-2.30399	UBE2G2	3.09E-05	-1.69976	---	0.0800167	-1.67034
MECP2	1.34E-05	-2.30361	POLQ	0.00087363	-1.69957	MAPT	5.80E-05	-1.67012
DSCR6	4.11E-06	-2.30186	---	0.00093375	-1.69957	WDSOF1	0.00737439	-1.66993
FAM54A	6.06E-08	-2.29947	LMBR1	1.23E-06	-1.69919	KIAA0100	0.00327784	-1.6698
---	4.04E-08	-2.29894	LRRFIP1	0.00031301	-1.69902	RBM9	0.00112725	-1.66913
C14orf106	4.14E-05	-2.29793	GLCCI1	0.00022219	-1.69885	---	2.73E-05	-1.66875
---	1.91E-06	-2.29738	ESR1	9.66E-06	-1.69878	---	0.00253116	-1.66852
KDELC1	0.00874	-2.29682	NBPF4	0.00028072	-1.69782	---	0.0127392	-1.66851
CENPN	4.18E-08	-2.29651	POLR2J4	5.10E-07	-1.69751	SSFA2	1.09E-07	-1.66794
ECT2	1.34E-07	-2.29554	KCNMB4	6.76E-05	-1.69713	ABLIM1	0.00028985	-1.66787
FAM113B	0.00214	-2.29394	SFRS7	5.62E-06	-1.69619	GLCCI1	0.00074747	-1.66742
RBBP9	0.00017	-2.2928	CD47	0.00048218	-1.69521	WNK1	0.00093947	-1.66631
SFRS9	2.55E-09	-2.29262	58 /// LOC100133666 /	6.33E-05	-1.69516	ESPL1	4.23E-07	-1.66573
---	0.00694	-2.29259	POLR2J4	0.00084199	-1.69342	C5orf28	0.0003024	-1.66572
TMEM39B	2.22E-05	-2.29101	---	0.0133531	-1.69325	GSN	3.85E-07	-1.66513
NUSAP1	7.49E-08	-2.28982	GPR126	0.00218327	-1.69304	C22orf39	0.00306678	-1.66453
---	3.09E-05	-2.28831	RNF44	5.92E-08	-1.69277	C4orf30	0.00012508	-1.66411
CBX5	7.95E-08	-2.28686	CALML5	5.15E-05	-1.69273	---	9.58E-06	-1.66361
OAT	8.21E-10	-2.28674	ACADM	8.16E-05	-1.69253	PIF1	1.75E-05	-1.66282
SLC39A9	6.80E-11	-2.28647	---	4.71E-05	-1.69245	GNL3L	1.80E-06	-1.66248
TIAM1	2.60E-06	-2.28626	---	0.00207694	-1.69238	EML1	0.00013524	-1.66208
---	4.92E-06	-2.28527	ZBTB5	5.12E-07	-1.6923	FANCI	6.42E-07	-1.66159
TCF3	2.53E-09	-2.28245	LOC401320	9.33E-05	-1.69215	---	1.93E-09	-1.66144
DTL	4.34E-08	-2.28058	FKBP5	1.82E-06	-1.69093	---	0.00071889	-1.66038
OIP5	4.68E-07	-2.27988	TNK2	5.99E-05	-1.69038	ACADM	0.00010596	-1.66031
TOP2A	4.57E-09	-2.2796	LOC149832	0.00789483	-1.69001	WSB2	2.01E-08	-1.65942
PTMAP7	8.45E-08	-2.27947	---	4.70E-05	-1.68933	WFS1	1.32E-05	-1.6589
STAG3L1	3.95E-06	-2.27916	TUSC3	0.00308498	-1.68896	CENPF	0.00012004	-1.65825

AP2B1	9.60E-12	-2.27879	IGSF5	0.00119312	-1.68857	NRIP1	2.82E-07	-1.65776
C11orf82	3.41E-07	-2.27762	IL6ST	6.38E-05	-1.68661	HIPK1	2.82E-06	-1.65693
CEP110	0.0003	-2.27655	SLC26A6	0.00265648	-1.68661	---	8.07E-05	-1.65507
TYMK /// LOC72776	1.52E-09	-2.27646	NRIP1	0.0001001	-1.68576	WDR52	0.00751453	-1.6546
NUDT1	3.54E-07	-2.27587	ST6GALNAC2	4.64E-09	-1.68528	C11orf82	1.43E-05	-1.65433
EIF4E2	0.00256	-2.27531	NKAIN1	0.00764101	-1.68513	FBXO17	0.00514421	-1.6541
---	8.09E-05	-2.27514	SLC44A1	0.0337801	-1.68513	WDR52	0.00238186	-1.65395
MCM3APAS	0.00011	-2.27472	MCM3APAS	0.00206092	-1.68406	SULF2	1.41E-07	-1.6529
PMEPA1	1.55E-06	-2.2744	ESR1	0.00122091	-1.68399	CD99	1.36E-07	-1.65263
GRSF1	3.59E-06	-2.27219	CD47	1.80E-06	-1.68389	GALNT3	1.45E-06	-1.65218
---	0.00076	-2.27215	ZFH3	0.00028918	-1.68376	PPL	2.12E-07	-1.65166
HNRPDL	5.28E-07	-2.27038	---	0.00251087	-1.68375	MGC16121	2.00E-05	-1.65054
ATAD2	2.51E-07	-2.27015	LIN52	2.80E-06	-1.68344	FKTN	1.25E-05	-1.65023
LOC375295	0.00012	-2.26996	SIVA1	0.00017473	-1.68216	FERMT2	4.09E-05	-1.65015
HMMR	5.63E-08	-2.26982	ABCG2	0.00013051	-1.68196	ERBB3	0.00158704	-1.64905
PC	8.11E-06	-2.26912	C14orf85	1.68E-06	-1.68165	ROD1	6.36E-08	-1.64874
RNF138	2.94E-08	-2.2678	---	0.00096078	-1.68164	TLR2	0.00776402	-1.64829
CAPS	1.40E-05	-2.26471	WDR61	1.68E-05	-1.68138	---	0.00333286	-1.64713
POMZP3	4.04E-10	-2.26442	MLLT3	0.00274566	-1.68098	CDC20	1.70E-05	-1.64688
TK1	1.22E-10	-2.26311	BSPRY	1.25E-05	-1.68057	AKAP13	0.00113242	-1.64556
MEGF6	7.41E-06	-2.26266	THBS1	7.42E-07	-1.67973	SERTAD4	0.00383979	-1.64544
PARVA	0.00017	-2.26228	DHFR	0.00028936	-1.67905	l3orf18 /// LOC7289	0.0386309	-1.64528
ADCY1	1.92E-07	-2.26062	PCP4	8.05E-06	-1.67889	PPP1R1C	4.49E-05	-1.64517
ARMC9	1.72E-05	-2.25995	SIPA1L1	0.00048846	-1.67856	CHSY1	1.28E-07	-1.64487
ZNF785	4.73E-06	-2.25992	MALAT1	0.089664	-1.67838	---	5.65E-05	-1.64481
BRCA2	2.18E-06	-2.2595	ACVR2B	0.00171462	-1.67747	C5	0.00630739	-1.64458
ZNF789	6.13E-07	-2.25529	SAMD4A	0.00629511	-1.67717	USP21	9.23E-05	-1.64457
---	0.00101	-2.25514	SDHALP1	0.00016977	-1.67658	HSPC159	0.0001012	-1.64428
FLJ13305	0.00028	-2.25508	UCP2	1.50E-05	-1.67624	KIAA1333	1.69E-06	-1.64337
YWHAQ	1.99E-10	-2.25496	---	3.83E-05	-1.6756	C15orf29	2.02E-05	-1.64328
CAP1	7.73E-11	-2.2536	---	0.00495506	-1.67502	CENPJ	4.00E-05	-1.64304
CCNY	4.58E-06	-2.25195	QSER1	0.00423778	-1.67491	H2AFJ	0.0002097	-1.6423
PGM2	9.88E-07	-2.25172	---	0.00031063	-1.67482	DNAL1	4.44E-05	-1.64168
PKMYT1	5.35E-06	-2.25169	---	0.00879694	-1.67422	GTSE1	0.00043519	-1.64148
MEA1	7.24E-10	-2.25147	---	0.00053907	-1.67379	---	0.00255762	-1.64139
TDP1	2.31E-07	-2.25147	C5orf28	0.00028428	-1.6736	ESR1	0.00166968	-1.64072
EPR1	6.34E-07	-2.24986	LYSMD1	0.0416304	-1.67357	C2orf55	0.00017904	-1.64068
OC100129680 /// PLA	3.28E-05	-2.24693	HIST1H3E	0.00705722	-1.67325	SVIL	0.00027345	-1.64061
---	1.33E-06	-2.24635	FOXRED2	0.00010451	-1.67291	CD47	6.74E-06	-1.64011
NXT2	6.08E-07	-2.24485	MICAL2	0.00111904	-1.67224	TCHH	0.00452853	-1.63917
---	4.40E-05	-2.2433	---	8.75E-06	-1.67095	---	0.00092126	-1.639
KIF20A	2.90E-09	-2.24189	---	1.49E-07	-1.67083	AURKB	0.0283994	-1.63895
---	5.15E-05	-2.24166	WDR40A	1.71E-07	-1.6702	---	0.00139203	-1.63871
GPR19	2.01E-07	-2.24085	---	0.00038896	-1.67016	---	0.00030077	-1.6387
---	0.00498	-2.24003	PGM2	3.12E-05	-1.6692	FLJ20464	0.00564644	-1.63795
KIAA1524	1.07E-05	-2.24002	DICER1	0.0006098	-1.66826	PAM	2.20E-05	-1.63778
SRR	1.54E-05	-2.23975	WDR52	0.00216259	-1.66777	---	0.00273407	-1.63769
E2F1	8.21E-06	-2.23951	SERTAD4	0.00331032	-1.66743	LOC642533	3.46E-05	-1.6376
---	7.82E-07	-2.23416	METTL3	0.00026904	-1.6673	---	0.00812853	-1.63748



ARSD	7.09E-06	-2.23411	---	5.41E-05	-1.66718	SLITRK6	0.00361859	-1.63726
MMP16	0.00041	-2.22905	PCMTD1	5.26E-05	-1.66639	---	0.0272352	-1.637
SLC5A3	2.04E-09	-2.22895	---	4.69E-05	-1.66634	TMEM194	0.00030127	-1.63649
---	2.94E-07	-2.22889	---	0.0269615	-1.66622	---	0.00672629	-1.63513
PLP2	1.63E-08	-2.2271	---	0.00060859	-1.666	PLEKHA6	0.00015641	-1.63459
PDCD4	4.89E-05	-2.22614	MAPKAP1	0.00123325	-1.6656	JAK1	1.58E-06	-1.6335
NUSAP1	1.98E-08	-2.22608	MGC16121	1.75E-05	-1.6656	---	0.00373734	-1.6335
ASRGL1	1.20E-05	-2.22512	CDH26	0.00219383	-1.66536	LRRC23	0.00752961	-1.63338
C10orf33	2.49E-07	-2.22428	---	0.00051002	-1.66526	SDC2	4.26E-06	-1.63325
NFATC3	3.92E-05	-2.22412	ERBB3	0.00142348	-1.66399	AMMECR1	0.00031705	-1.63312
---	5.82E-07	-2.22377	NSUN4	7.91E-05	-1.66382	KIFC1	5.82E-06	-1.63268
C14orf143	3.10E-08	-2.22208	---	0.00045863	-1.66371	UBE2G2	5.48E-05	-1.63229
E2F8	3.62E-07	-2.22205	---	0.00217639	-1.66263	RTEL1	0.00021268	-1.63213
WHSC1	5.99E-08	-2.22203	MKI67	3.23E-07	-1.66238	GLCCI1	2.64E-07	-1.62997
ING3	3.34E-06	-2.2209	DIP2C	8.99E-07	-1.66218	PPARD	0.00105767	-1.62949
TSGA14	1.69E-07	-2.22059	GREB1	0.00197661	-1.66129	SMAD2	0.00229267	-1.62939
MTSS1	0.00044	-2.22013	UHMK1	0.0025762	-1.661	FER1L3	1.59E-07	-1.62922
POMZP3 /// ZP3	1.65E-05	-2.2198	PLEKHA6	0.00012545	-1.66077	VTI1B	2.58E-06	-1.62868
ATP2B4	0.00023	-2.21949	WWC1	1.07E-05	-1.66076	HDLBP	3.34E-06	-1.62866
GPBR	2.81E-06	-2.21896	ERBB3	1.07E-08	-1.66059	---	0.00059828	-1.62839
TAF5	2.16E-08	-2.21764	LOC100130360	0.0120253	-1.66045	---	0.0354213	-1.62815
TNKS2	0.00012	-2.21683	---	6.91E-05	-1.65969	C9orf100	0.00132529	-1.62781
C14orf130	2.24E-11	-2.21621	HELLS	4.14E-05	-1.65968	GNS	5.82E-05	-1.62727
CBX6	7.79E-07	-2.21538	GDAP1	0.00031617	-1.65852	WEE1	2.94E-05	-1.62715
BRCA2	2.53E-06	-2.21531	LRRC37A2	0.00069313	-1.65836	---	0.00144187	-1.62712
CDC2	3.34E-08	-2.2153	C2orf56	7.33E-05	-1.65828	ST6GALNAC2	8.07E-09	-1.62681
DBF4	7.83E-07	-2.21483	RTEL1	0.00017211	-1.65743	C2CD2	9.66E-06	-1.62635
---	3.08E-07	-2.21353	DKFZp547E087	6.75E-06	-1.65649	CBFB	2.24E-06	-1.62618
TMCC1	1.05E-06	-2.21324	FAM102A	2.97E-06	-1.65611	---	0.00115025	-1.62612
GYG2	0.00042	-2.21266	DNAL1	3.91E-05	-1.65602	LOC440288	0.00017021	-1.626
PTAR1	0.00029	-2.21241	NRCAM	0.0001823	-1.65589	tcag7.1228	0.00296225	-1.62487
GAS2L3	1.63E-07	-2.211	KIAA1545	2.90E-05	-1.6557	MCM4	7.54E-06	-1.62439
TNFAIP8L1	2.61E-05	-2.20833	---	0.0024066	-1.65569	GLCCI1	0.00040233	-1.62429
ARSD	3.39E-06	-2.20784	HIST1H3E	5.20E-06	-1.65553	ZNF512	0.00266829	-1.62361
AURKA	1.12E-08	-2.20774	---	0.00104934	-1.65535	---	0.0333757	-1.6235
TUSC3	0.00023	-2.20713	---	0.0244426	-1.65483	PQLC3	1.52E-07	-1.62324
FBXO17	0.00032	-2.20699	CACNG4	2.79E-05	-1.65412	MCM4	0.00031983	-1.62315
RAPGEFL1	2.48E-06	-2.20629	---	0.00010576	-1.65381	---	0.00428279	-1.62284
---	1.04E-06	-2.20627	RMND5A	6.73E-07	-1.65373	HOXB7	5.09E-05	-1.62281
RFC3	5.89E-09	-2.20422	EVL	6.01E-05	-1.65363	ALG9	0.0141691	-1.62273
ESCO2	0.00029	-2.20414	PNMA2	0.00056469	-1.65303	THBS1	1.55E-05	-1.62225
PVRL2	2.78E-05	-2.20379	---	0.00031571	-1.65234	---	1.06E-05	-1.62191
TREX2 /// UCHL5IP	2.22E-07	-2.20361	CNOT6	1.91E-06	-1.65224	---	0.0001091	-1.62137
CORO1B	2.95E-06	-2.20306	CXXC5	1.92E-07	-1.65187	TMEM19	0.00203766	-1.62109
RAD54B	2.29E-06	-2.20298	---	0.00087215	-1.65184	SFRS7	1.10E-05	-1.62059
---	8.00E-06	-2.20266	TBX2	7.47E-07	-1.65162	C10orf6	8.23E-06	-1.62043
CORO1A	5.34E-06	-2.20069	SOX3	1.94E-05	-1.65088	E /// HIST1H2BF /// I	1.99E-07	-1.62007
TPX2	1.18E-07	-2.19954	DCP2	9.43E-08	-1.65069	---	0.00014206	-1.61965
FANCM	0.0015	-2.19807	WDSOF1	0.00831156	-1.65039	---	0.00672123	-1.61931

WDR52	0.00054	-2.19595	ARNT	0.00080553	-1.6496	---	9.23E-05	-1.61857
CEP78	3.71E-08	-2.19514	---	1.77E-05	-1.64915	RASSF8	8.97E-06	-1.61818
EFNB3	3.18E-07	-2.19509	MICAL2	5.93E-06	-1.64902	EPHA4	0.00127514	-1.61721
KIF23	1.02E-06	-2.19439	HDLBP	0.00039616	-1.64883	HIPK2	0.00300128	-1.6171
DHFR	1.52E-05	-2.19302	STARD13	0.00465255	-1.64852	GNA12	4.62E-07	-1.6161
H2AFY	4.02E-07	-2.19287	---	0.00173754	-1.6485	---	0.0264398	-1.61519
PPM1F	2.14E-05	-2.19283	---	0.00390508	-1.64818	---	0.0412269	-1.61502
CHAF1A	4.21E-07	-2.19253	---	0.00014642	-1.64805	LOC100128641	0.00013468	-1.61483
THBD	0.0008	-2.19203	FANCA	1.32E-05	-1.64776	---	0.00328534	-1.61479
PLK4	3.24E-05	-2.19195	SIDT1	1.55E-05	-1.64737	PLOD2	7.41E-07	-1.6144
EPB41L1	0.0005	-2.19082	---	1.84E-05	-1.6473	---	0.00070799	-1.61409
FBXO5	8.30E-08	-2.18969	---	1.82E-05	-1.64725	NOTCH2NL	8.41E-07	-1.61358
MTSS1	7.30E-07	-2.18951	---	0.00024484	-1.64668	OTUD4	0.00039693	-1.61264
METTL3	1.29E-05	-2.18908	---	8.02E-07	-1.64627	MLL	0.00064767	-1.61107
FNIP2	2.95E-06	-2.18543	ZNF512	0.00227806	-1.64534	---	3.43E-06	-1.61101
CLPB	0.00206	-2.18531	MTHFD1	0.00060233	-1.64493	ESR1	0.00677902	-1.6108
POGK	1.49E-08	-2.18493	KIF14	0.00103699	-1.64486	IQGAP3	0.00592608	-1.61027
PRPF38A	2.00E-06	-2.18487	---	0.00013991	-1.64485	---	9.59E-05	-1.60985
FANCC	0.0001	-2.18253	NPAL2	9.94E-07	-1.64421	---	7.22E-05	-1.60953
ARSD	1.05E-06	-2.18046	LRRFIP1	3.33E-05	-1.64374	CXXC5	1.61E-08	-1.60945
KIF23	1.64E-06	-2.18018	PCGF3	1.95E-08	-1.64372	tcag7.1228	0.00089433	-1.6094
PCDH19	4.22E-08	-2.17996	---	0.00010103	-1.64343	---	0.0175095	-1.6093
RASA2	1.21E-07	-2.17991	RREB1	0.00412582	-1.64328	CDK2	0.00017999	-1.60905
CDH18	9.05E-10	-2.17808	tcag7.1228	8.87E-08	-1.6432	---	0.00034232	-1.60861
PRC1	9.84E-08	-2.17734	USP34	0.00154975	-1.64304	---	0.00673431	-1.60859
RICS	0.0001	-2.17677	---	0.00014837	-1.64278	WHSC1	3.31E-06	-1.60829
MCM3	3.16E-10	-2.17592	SMARCA2	3.91E-05	-1.64184	CNOT6	2.91E-06	-1.60817
ZBED1	0.00026	-2.17484	AMOTL1	0.00010284	-1.64154	LOC283508	2.11E-05	-1.608
FXC1	6.15E-06	-2.17228	CD99	1.52E-07	-1.64148	NUPL1	0.00027817	-1.60772
CDC2	6.44E-06	-2.17123	ATL3	5.70E-05	-1.64138	USP21	0.00027532	-1.60693
FBXO5	4.11E-07	-2.17054	---	0.00022185	-1.64138	DTL	0.00011316	-1.60684
PLK4	6.04E-05	-2.17033	---	1.69E-07	-1.64078	FANCD2	9.59E-06	-1.60645
KIAA1704	4.36E-05	-2.17	ZNF160	0.00160082	-1.64035	TMPO	0.00066374	-1.60606
---	0.00257	-2.16977	C6orf89	3.75E-05	-1.64032	C10orf33	1.34E-05	-1.60606
C15orf42	8.55E-08	-2.16962	---	0.00442875	-1.63904	TBX2	1.17E-06	-1.60557
RHOF	0.00016	-2.16951	FLJ20464	0.00561998	-1.63866	---	0.00023041	-1.60546
PALM3	0.00314	-2.16847	MKI67	4.88E-05	-1.63696	GMNN	5.13E-08	-1.60544
REPS2	0.00058	-2.16781	NUP62	0.00093	-1.63669	SDHALP1	0.00031079	-1.60437
RECQL4	1.65E-06	-2.16746	SLC9A2	0.00093185	-1.63662	RNF44	1.38E-07	-1.6039
ATAD2	8.61E-09	-2.1661	STAG3L1	0.0001656	-1.6366	---	0.00250494	-1.60368
---	0.00017	-2.16562	UBE2G2	7.40E-05	-1.63518	PPP2R2A	2.37E-07	-1.60307
OLFML2A	9.04E-05	-2.16475	---	0.0565318	-1.63495	WEE1	3.93E-06	-1.60189
C21orf45	1.33E-05	-2.16384	IA4 /// UGT1A5 /// UC	0.00167729	-1.6345	UBE2G2	1.01E-08	-1.60177
FPGT	5.13E-05	-2.16293	DHTKD1	3.21E-05	-1.63443	WDR40A	3.34E-07	-1.6011
GNPTAB	3.79E-07	-2.16265	VTI1B	2.45E-06	-1.63428	---	0.00028622	-1.60067
SYTL5	1.22E-08	-2.16245	CAPRIN2	0.00134492	-1.63416	SMC1A	2.14E-05	-1.60043
WHSC1	1.70E-08	-2.1622	GNA14	3.51E-05	-1.63341	LOC645722	8.41E-07	-1.59885
CCNF	4.37E-06	-2.16154	WDR59	0.00336851	-1.63281	---	0.00039281	-1.59863
ZNF496	1.16E-07	-2.16137	TRAF5	0.00019942	-1.63222	C2orf56	0.00012436	-1.59856

HNRNPH1	4.94E-05	-2.16083	---	0.0438964	-1.63095	HELLS	5.29E-06	-1.59836
C4orf19	5.81E-06	-2.16	---	0.00382062	-1.63036	---	0.0512034	-1.59835
PTTG1	1.07E-08	-2.1599	---	6.12E-06	-1.62993	---	0.00018672	-1.59827
AURKA	1.62E-08	-2.15901	PPP3R1 /// WDR92	7.76E-06	-1.6298	---	0.0255934	-1.59795
GAS2L1	1.87E-07	-2.15683	C2orf12	5.68E-06	-1.62944	---	2.76E-05	-1.59784
ZNF367	4.24E-06	-2.15659	---	0.00032119	-1.62944	ACVR2B	0.00031063	-1.59781
PPP2R1B	2.78E-06	-2.15579	LOC254128	0.00041041	-1.62932	---	1.44E-05	-1.59724
PLEKHB2	4.10E-09	-2.15546	KLHL4	0.018714	-1.62927	MCM7	7.05E-06	-1.59575
C3orf63	0.00012	-2.15383	FRMD4A	5.08E-05	-1.6292	---	8.79E-06	-1.59552
CCNB2	1.53E-08	-2.15303	IGF2	0.0237727	-1.62897	ZNF275	0.00352859	-1.5952
---	4.67E-05	-2.15301	KCNK5	0.0124318	-1.6285	NFIC	4.87E-05	-1.59428
PGR	4.33E-08	-2.15238	TBX2	7.63E-08	-1.62629	LYN	0.00078446	-1.59421
B3GALTL	0.00012	-2.15059	PHF10	0.00020485	-1.62611	CD99	4.65E-08	-1.59374
NXP3	0.00032	-2.15025	TFAP2A	1.10E-05	-1.62581	CENPI	8.01E-05	-1.59306
---	1.37E-05	-2.14904	GAS2L3	0.00058434	-1.62568	CLCC1	0.00074978	-1.59283
TIMP2	1.99E-05	-2.14889	JAK1	0.0001284	-1.62542	ALS2CR13	0.0303364	-1.59228
CDK2	1.90E-07	-2.14789	NTN1	0.0180284	-1.6252	---	1.85E-05	-1.59208
RSBN1L	1.53E-07	-2.1452	---	4.88E-06	-1.6247	BNIP3L	9.65E-07	-1.59196
TIGD7	8.94E-06	-2.14436	WFS1	1.02E-05	-1.62397	LOC100128191	0.00048803	-1.59087
---	0.00096	-2.14427	FOSL2	0.00370256	-1.62331	CDCA2	0.0002134	-1.59037
MYCBP	0.00147	-2.14409	ABCA5	0.00856581	-1.6233	CENTD1	3.55E-05	-1.59029
DHTKD1	1.80E-07	-2.14404	MLL3	1.13E-05	-1.62311	BICD2	4.14E-05	-1.59023
MARCKS	5.34E-06	-2.14293	---	0.00019605	-1.62092	SEMA3C	9.42E-05	-1.59008
LOC284952	1.39E-05	-2.14277	KIAA0494	8.12E-07	-1.62084	MCM7	1.15E-06	-1.58993
RBM8A	1.04E-09	-2.14262	NEBL	1.35E-07	-1.6207	ZAK	5.26E-06	-1.58979
DENND1A	0.00149	-2.14239	---	0.00024053	-1.62044	USP40	0.0012852	-1.58975
STIL	2.44E-07	-2.14119	LRRC50	0.00035119	-1.61997	---	0.00226822	-1.58937
---	2.03E-06	-2.14064	VAPB	3.87E-07	-1.61974	SLC36A1	8.19E-05	-1.58889
ALDH6A1	3.95E-06	-2.14008	HNRNPA3	1.50E-05	-1.61756	C20orf121	1.98E-05	-1.58859
---	0.00027	-2.14005	C13orf18 /// LOC72897	0.0442175	-1.61683	DHFR	0.00061018	-1.58852
FAM120AOS	8.20E-07	-2.13935	---	0.00063087	-1.61665	LOC285382	0.0825515	-1.58821
CHTF18	1.68E-08	-2.13873	ATP2A2	3.86E-05	-1.6163	GJB3	0.014036	-1.58818
MCM10	1.42E-08	-2.1387	---	0.00015009	-1.61613	MTR	2.14E-06	-1.58787
FANCI	2.06E-06	-2.13808	---	0.034792	-1.61579	DST	1.75E-07	-1.5878
SNX1	8.11E-06	-2.13799	---	0.00034798	-1.61529	CACNG4	5.16E-05	-1.58751
---	2.07E-07	-2.1378	RAD51L1	0.00125277	-1.61493	CDK6	5.59E-05	-1.58706
DCLRE1B	3.12E-09	-2.1356	PSIP1	3.79E-06	-1.61486	MLLT10	0.00045098	-1.58661
KIAA0841	4.48E-07	-2.1345	DYNC1L12	1.20E-07	-1.61478	ZNF551	0.00012798	-1.58588
LOC56757	2.26E-05	-2.13352	---	0.0259433	-1.61475	NCAPG	9.83E-05	-1.58546
MXD3	5.98E-05	-2.13334	GPR158	0.0519427	-1.61375	UBE2G2	0.00011766	-1.58465
CDCA3	8.60E-07	-2.13281	MALAT1	0.0554964	-1.61334	FOS	0.00015908	-1.58419
GGH	4.71E-07	-2.1323	---	1.92E-06	-1.61315	HIST1H3H	5.59E-07	-1.58413
PLXNB3	0.00019	-2.13103	ASPM	0.00460173	-1.61309	RPS15A	0.00068257	-1.58411
LMBR1	7.81E-08	-2.13014	---	0.00701473	-1.61299	RB1	0.00033261	-1.58386
FAM83D	2.66E-07	-2.12946	CFDP1	7.45E-05	-1.61275	FANCM	0.0249396	-1.58287
TSPAN9	3.47E-05	-2.1292	---	0.00049086	-1.61259	ZNF789	0.00181587	-1.58186
H2AFX	0.00079	-2.12905	AKAP13	0.00262463	-1.61157	ZNF37A	5.78E-05	-1.58181
NUP210	3.46E-07	-2.1288	C4orf34	0.00135446	-1.61152	MKI67	6.06E-06	-1.58157
RDH5	1.26E-06	-2.12805	MAP3K1	0.0318421	-1.61016	MAPKAP1	0.00235455	-1.58132

LRRC8A	1.50E-07	-2.12794	---	0.00340306	-1.61002	MRS2	0.00345217	-1.58114
MCM6	1.20E-10	-2.12618	---	0.0343154	-1.60956	CEP110	0.00977388	-1.58041
RTTN	2.14E-05	-2.12606	---	4.82E-05	-1.60837	TROAP	2.48E-06	-1.58009
GLI3	2.04E-05	-2.12562	WHSC1	3.47E-06	-1.6082	FXR2	0.0398618	-1.57976
TK1	2.70E-10	-2.12346	---	0.0008688	-1.60813	DICER1	0.00078395	-1.57956
CCDC85A	0.00011	-2.1227	QKI	0.0007727	-1.60771	---	0.00163043	-1.57945
---	0.0007	-2.1218	DEPDC1	0.00011706	-1.60682	---	0.00673903	-1.57941
CDC14B /// CDC14C	0.00056	-2.1215	---	0.00017476	-1.60673	CHAF1A	2.51E-05	-1.57936
PRIM1	4.93E-08	-2.12141	PDLIM1	1.03E-07	-1.6067	KLHDC4	6.62E-05	-1.5792
RAB22A	8.60E-08	-2.12109	---	6.72E-06	-1.60646	LMBR1	3.13E-06	-1.57907
7A5	0.00289	-2.12002	ZNF275	0.00586434	-1.60507	RECQL4	0.00029658	-1.57867
GINS3	1.23E-07	-2.11993	IGSF3	0.0425853	-1.60437	SPC24	0.00347549	-1.57824
PLEKHH2	0.00976	-2.11988	BMPR1B	0.00016171	-1.60429	---	0.0299149	-1.57802
CORO1C	3.60E-07	-2.11982	MAPT	0.0001034	-1.60418	---	0.0179072	-1.57772
---	6.79E-05	-2.11979	---	0.00016062	-1.60418	---	0.00700127	-1.57771
EPHA7	6.26E-05	-2.11917	---	3.59E-05	-1.60384	---	3.39E-05	-1.57768
ATAD2	8.26E-06	-2.11873	BRIP1	0.00059957	-1.60357	SMC4	7.28E-08	-1.5776
PCDHB10	0.00092	-2.11823	DIP2C	1.39E-06	-1.60294	ASPM	5.09E-05	-1.57739
RFC4	5.17E-09	-2.11804	ERBB3	7.97E-08	-1.60266	LMBR1	3.89E-06	-1.57736
GPSM2	4.29E-07	-2.11777	---	7.27E-05	-1.60265	RECQL4	8.34E-05	-1.57636
DUT	2.58E-08	-2.11715	LOC440348	4.77E-07	-1.60261	LOC643988	3.13E-05	-1.57633
C9orf58	5.21E-08	-2.11589	CXorf24	0.00394758	-1.60244	---	0.00032717	-1.57613
CTSK	6.14E-07	-2.11585	UGCG	1.62E-07	-1.60133	/// NBPF15 /// NBPF	3.05E-05	-1.57577
---	8.08E-05	-2.11473	TPBG	2.21E-08	-1.60125	DHFR	1.58E-05	-1.57575
ANP32E	1.56E-06	-2.11409	---	0.00994583	-1.60113	FLJ41757	0.021195	-1.57551
ZWILCH	2.58E-08	-2.11341	---	0.0251616	-1.60097	WHSC1	3.91E-05	-1.57462
ECT2	3.23E-06	-2.11238	---	0.0025682	-1.60045	JOSD1	0.00105915	-1.57461
FEN1	2.76E-08	-2.11195	---	0.00134715	-1.59977	ATP7A	0.00249009	-1.57454
C21orf86	3.52E-05	-2.11154	PPIA	6.53E-08	-1.59918	LOC400236	0.00219793	-1.57445
---	1.16E-06	-2.1114	---	7.29E-06	-1.59667	CNPY3	0.0485789	-1.57441
---	1.08E-06	-2.10948	---	0.00030866	-1.59649	EP400	0.00017626	-1.57376
KIAA1324	1.25E-07	-2.10934	C6orf141	9.17E-06	-1.59643	FBXO9	0.00263851	-1.57373
ANKIB1	6.71E-10	-2.10831	FAM113A	1.13E-06	-1.59635	---	0.00453661	-1.57354
LGALS1	7.64E-08	-2.10828	---	1.57E-06	-1.59535	HIRIP3	0.00014813	-1.57314
SH3PXD2B	1.40E-06	-2.10732	C10orf2	0.00234077	-1.59516	NUP62	0.00156302	-1.57303
RAB31	5.15E-09	-2.10721	ARL17	0.00028498	-1.59416	MCM3APAS	0.00461227	-1.57256
---	0.00073	-2.10561	PMS2L2	0.00018312	-1.59344	TncRNA	1.32E-06	-1.57243
TMEM18	0.00119	-2.10524	TTLL5	0.00133737	-1.59278	C20orf177	5.21E-06	-1.57169
CDC2	9.77E-10	-2.10521	---	2.17E-06	-1.59268	TMCO1	9.23E-06	-1.57159
---	1.37E-05	-2.1042	---	5.65E-05	-1.59246	FDFT1	0.00065783	-1.57115
MCM7	2.01E-07	-2.10366	BTBD3	0.00015065	-1.59212	CHTF18	9.76E-07	-1.57079
---	0.00048	-2.10325	ULK1	2.52E-07	-1.59194	ZNF548	0.00380677	-1.57063
GPSM2	5.20E-07	-2.09962	PCBP2	9.16E-06	-1.59189	---	0.0056096	-1.57054
---	0.01555	-2.09733	---	0.0195005	-1.59132	CIT	7.36E-05	-1.57037
APITD1	1.26E-06	-2.09626	---	0.00566275	-1.59076	UGCG	2.25E-07	-1.5703
HCRP1	8.28E-05	-2.0914	UBE2G2	1.14E-08	-1.59057	---	0.00541344	-1.56984
PPP2R2C	2.23E-07	-2.0913	C14orf94	0.00015691	-1.59051	CDK5RAP2	0.00010738	-1.56943
DDX11	1.90E-07	-2.09049	NRIP1	5.50E-07	-1.58997	CDK6	0.00948095	-1.56932
---	0.00052	-2.09033	---	0.041648	-1.58993	---	0.00071884	-1.5691

CEP55	7.31E-08	-2.08979	---	4.17E-05	-1.5891	ANK3	1.49E-06	-1.56898
---	5.25E-05	-2.08795	GFRA1	3.99E-09	-1.58871	TFF3	4.45E-06	-1.56832
---	0.00042	-2.08784	KIAA1333	2.90E-06	-1.58833	CKAP2L	0.00076428	-1.56777
PTPLAD1	1.75E-08	-2.08546	SLC7A2	0.0008096	-1.58822	FRYL	0.0116128	-1.56768
1 /// DDX12 /// LOC6	2.92E-06	-2.08525	---	0.00011886	-1.58818	---	4.61E-05	-1.56748
POLA2	5.90E-07	-2.0852	CAPN8 /// LOC644151	1.30E-05	-1.58761	KIAA1553	6.11E-06	-1.56739
ACSS3	5.72E-05	-2.08509	---	0.00017922	-1.58754	---	0.00040304	-1.56687
MECP2	7.41E-06	-2.08498	HS3ST3A1	7.66E-05	-1.58734	OSBPL2	0.0017944	-1.5666
TMEM14A	1.08E-08	-2.08387	USP31	0.00648258	-1.58702	C6orf89	7.55E-05	-1.56651
SERBP1	3.34E-05	-2.08117	LOC645722	7.02E-06	-1.5867	---	0.00552539	-1.56647
ARHGAP29	1.35E-07	-2.08086	---	8.39E-05	-1.58614	---	0.00097243	-1.56642
ATRNL1	2.98E-07	-2.08013	WDR61	2.60E-08	-1.58586	FAM111A	7.89E-07	-1.56565
ZWILCH	6.35E-07	-2.07958	---	0.00226846	-1.58465	FRMD4A	0.00108262	-1.56554
PTBP1	1.49E-07	-2.07953	---	0.0752549	-1.58453	DVL2	7.27E-05	-1.56553
NUP50	9.04E-08	-2.07951	FOS	0.0001588	-1.58438	TFDP1	0.00013863	-1.56533
SMC4	7.60E-08	-2.07929	UGCG	4.50E-05	-1.58434	NFATC2IP	1.11E-08	-1.56515
SALL2	0.00015	-2.07882	---	5.21E-06	-1.58421	---	0.0181949	-1.56512
ARSD	1.05E-05	-2.07868	DAAM1	2.02E-05	-1.58395	TPM1	0.00167417	-1.56486
PLAGL2	0.00012	-2.07799	SF1	0.0121132	-1.5833	---	0.0176225	-1.56439
---	1.04E-06	-2.07532	C6orf89	2.44E-06	-1.58302	FAM111B	0.00219013	-1.5643
SGOL1	8.91E-05	-2.07522	---	0.0057229	-1.58262	WSB1	6.11E-06	-1.5643
---	1.04E-05	-2.0752	---	1.55E-05	-1.58234	BSPRY	3.73E-05	-1.56384
MARCKS	3.12E-07	-2.07426	---	0.00235659	-1.58155	HOXB7	0.00016764	-1.56365
C21orf45	7.55E-06	-2.07394	FAM119B	0.00077415	-1.58137	ZNF462	4.89E-05	-1.56307
GLIS2	1.96E-06	-2.07382	---	0.0157986	-1.58134	C100130862 /// TRA	9.51E-07	-1.56269
CAPRIN1	2.05E-07	-2.07355	SBK1	5.25E-06	-1.58133	KIAA1833	0.00070688	-1.56214
SEMA6A	6.46E-07	-2.07288	C20orf177	4.72E-06	-1.58121	NPR3	0.00159076	-1.56206
---	0.00151	-2.07101	---	0.111317	-1.5811	MYC	3.95E-06	-1.56146
ZNF473	0.00073	-2.07082	DST	0.00493672	-1.58106	SYK	0.0179965	-1.56109
TNKS2	9.78E-08	-2.07081	---	0.00128885	-1.58093	NOLC1	5.32E-06	-1.56107
DHFR	1.68E-07	-2.07015	GUSBP1	1.76E-07	-1.58083	LOC147727	0.00015483	-1.56104
SFPQ	2.93E-07	-2.06982	CD99	5.34E-08	-1.58078	TBX2	1.52E-07	-1.56087
SHCBP1	7.79E-06	-2.06875	GALNT10	0.0327067	-1.57928	---	0.0106255	-1.56082
LOC440288	9.52E-06	-2.06652	ROD1	0.00042586	-1.57886	ULK1	3.53E-07	-1.5607
EFHC1	1.42E-06	-2.06639	EFEMP1	3.35E-06	-1.57885	DPP7	7.59E-05	-1.56026
TMEM83	5.70E-07	-2.06615	NR2F2	0.00185339	-1.57877	FERMT2	2.08E-05	-1.55976
IKBKB	8.28E-06	-2.06589	DKFZp547E087	8.37E-06	-1.57873	STAG3L1	0.00033266	-1.55969
---	0.00078	-2.06447	---	0.00176166	-1.57858	EP400	3.24E-06	-1.5594
CENPO	2.51E-07	-2.06236	FAM111A	6.93E-07	-1.57759	USP22	0.0008266	-1.55937
PTBP1	4.82E-09	-2.06194	CDCA7	6.06E-05	-1.57748	---	0.00907961	-1.55904
---	0.0012	-2.06177	FIGN	0.0349549	-1.57667	WDR4	1.11E-05	-1.5588
C14orf106	7.86E-06	-2.06082	FBXO17	0.00873731	-1.57612	---	0.00014335	-1.55872
METTL4	6.48E-06	-2.06042	MCM3APAS	0.00155678	-1.57489	SRRM2	9.39E-06	-1.55844
LMBR1	5.48E-08	-2.05984	---	0.0415433	-1.57475	---	0.00661425	-1.5583
SYK	9.85E-05	-2.05929	E2F2	0.00185206	-1.57467	---	0.00057181	-1.55783
CBL	1.38E-05	-2.05864	---	0.00081527	-1.57375	CHAF1A	0.0005244	-1.55774
MPHOSPH9	1.83E-06	-2.05815	---	0.015333	-1.57374	NSUN4	0.00020753	-1.55763
RET	1.72E-07	-2.0574	NASP	1.96E-06	-1.57367	IGSF3	0.0539003	-1.55754
CCND3	1.35E-05	-2.05718	---	3.54E-05	-1.57327	---	0.00139665	-1.55749

---	2.76E-06	-2.05631	KCNMB4	4.85E-05	-1.57326	HECW2	0.0117174	-1.55686
PVRL2	9.19E-05	-2.05363	C9orf100	0.00206116	-1.57285	IGF2	0.035494	-1.55683
RAB27A	3.03E-09	-2.05349	DST	9.87E-07	-1.57181	NFATC2IP	2.09E-05	-1.5567
IGSF1	0.00172	-2.05149	NUP62	0.00021383	-1.57169	ABHD2	9.11E-06	-1.55576
PREX1	1.84E-09	-2.05132	---	6.96E-06	-1.57136	RC3H2	1.37E-06	-1.55529
---	0.00097	-2.0509	ATP7A	0.00255871	-1.57122	---	0.015564	-1.55477
---	0.00022	-2.0503	DLG5	3.54E-07	-1.57113	SFRS11	0.00357237	-1.55408
KLHDC4	2.35E-06	-2.04992	PPM1H	0.0251321	-1.57064	PCGF3	5.02E-08	-1.55396
IMMP1L	3.09E-05	-2.04987	00134282 /// LOC1001	2.50E-08	-1.5706	ARL6IP1	6.36E-08	-1.55394
C16orf75	5.23E-09	-2.04891	KATNB1	0.0259382	-1.56902	---	0.0026835	-1.55367
LRRC16A	5.90E-06	-2.04851	FKBP5	2.74E-05	-1.56848	NFIB	0.0132625	-1.55366
C9orf40	2.59E-05	-2.0485	LMCD1	5.13E-05	-1.56823	NHLRC3	0.00022248	-1.55328
ATP11C	4.35E-07	-2.04694	PSIP1	7.71E-07	-1.56795	---	0.00483382	-1.55322
CAPG	4.55E-06	-2.04648	ZNF462	4.66E-05	-1.56773	C9orf102	0.0140452	-1.55321
---	4.63E-05	-2.04507	---	7.66E-05	-1.56752	GALNT10	0.0381522	-1.55183
PTBP1	4.90E-08	-2.04486	---	0.00180935	-1.56712	FGF11	0.0120011	-1.55157
E2F1	0.00053	-2.0446	KIAA0101	4.49E-05	-1.56672	MPPED2	0.0249527	-1.55154
MT1F	0.00011	-2.04403	ADD3	3.07E-05	-1.56668	JMJD1C	0.0706287	-1.55144
UBE2J1	3.51E-07	-2.04342	POLR2J4	4.34E-06	-1.5666	PEG10	0.0180748	-1.55137
CDC2	1.34E-07	-2.04302	C9orf130	0.00187235	-1.56627	TES	1.04E-05	-1.55097
TFDP2	2.90E-05	-2.04286	---	9.22E-05	-1.56538	UBE2N	4.14E-05	-1.55091
MAFB	4.09E-09	-2.04283	ANKRD35	0.00018946	-1.56538	GDAP1	0.00042431	-1.5509
MYEF2	1.23E-06	-2.0428	CNPY3	0.0509294	-1.56513	---	0.00062467	-1.55062
S100BPB	6.82E-06	-2.04216	SNX24	9.48E-05	-1.56486	PAQR8	0.0346362	-1.55027
WHSC1	1.33E-06	-2.04205	---	0.0124093	-1.56475	RBM15B	0.00075063	-1.55012
HADH	1.29E-07	-2.04167	DNAL1	0.00388355	-1.56473	---	0.00340376	-1.55002
MCM10	0.00015	-2.04166	ATF7IP2	9.52E-06	-1.56423	WDR61	5.79E-05	-1.54994
TYMS	0.00351	-2.04057	WASF2	1.55E-05	-1.56405	SFMBT1	0.0004823	-1.54974
E2F5	8.30E-07	-2.03941	---	0.00076629	-1.564	PDLIM5	0.00428942	-1.54973
PPP1R1C	3.16E-06	-2.03877	---	0.0170723	-1.56382	WDR68	7.86E-08	-1.54969
STMN1	5.00E-06	-2.03819	LOC283508	3.31E-05	-1.5632	RBBP9	0.0179724	-1.54965
PTPLAD1	2.25E-08	-2.03797	---	0.0102489	-1.56272	KIAA1267	0.00026557	-1.5495
TBC1D2B	4.36E-06	-2.03768	---	0.00364421	-1.56244	LOC143381	5.23E-08	-1.54903
FREQ	2.13E-05	-2.03745	ERC1	0.00330636	-1.56238	PDLIM1	1.94E-07	-1.54896
CEP78	5.60E-07	-2.03707	CEACAM5	7.14E-07	-1.56229	---	6.23E-05	-1.54886
PTBP1	1.61E-08	-2.03529	NHSL1	6.39E-06	-1.56224	---	3.72E-05	-1.54877
MGC2752	1.89E-05	-2.03477	PHACTR4	5.27E-05	-1.56165	LRRFIP1	0.00108592	-1.54866
TMTC1	6.89E-07	-2.03456	---	0.00085683	-1.56159	UHRF1	1.16E-05	-1.54789
IPP	1.54E-05	-2.034	DPP7	7.52E-05	-1.56128	PIGN	0.0111983	-1.5478
COCH	5.75E-05	-2.03348	RCL1	3.13E-06	-1.56126	---	5.02E-08	-1.54747
MGC16121	0.00357	-2.03307	---	0.00623235	-1.56095	TYSND1	0.00031415	-1.54671
TCF3	0.0004	-2.03238	RCAN3	5.16E-06	-1.56091	---	0.0008702	-1.54627
RBBP8	1.43E-09	-2.03212	---	6.38E-05	-1.55972	---	0.00199616	-1.54589
KANK2	3.65E-07	-2.03208	CDK3	0.00018102	-1.55915	RIMS3	0.0223838	-1.54577
KIAA0101	7.84E-10	-2.03186	---	0.00241922	-1.5591	SSRP1	4.46E-07	-1.54563
BARD1	7.35E-08	-2.03177	RAD51	0.00050453	-1.55909	CDKN2C	0.00493497	-1.54476
VCAN	0.00713	-2.02783	---	0.00353992	-1.55909	GFRA1	6.55E-09	-1.54465
CENPA	2.98E-05	-2.02683	---	0.00057922	-1.55866	PDGFA	0.0258262	-1.54355
RRM1	1.33E-07	-2.02669	NPY1R	4.56E-06	-1.55818	ESCO2	0.0102108	-1.5434

THRA	0.0017	-2.0264	SMARCA4	1.81E-05	-1.55808	SSU72	0.0129518	-1.54319
PRPS2	5.56E-05	-2.02625	NUP62	8.77E-06	-1.55774	BRCA1	0.00236128	-1.54297
DHFR	5.65E-07	-2.02568	DICER1	0.00095536	-1.5575	NBR2	0.0338998	-1.54249
ECHDC2	9.36E-05	-2.02566	LOC400960	0.00057186	-1.5575	---	4.68E-05	-1.54201
CCNA2	1.12E-06	-2.02563	---	0.00281731	-1.55701	ZNF629	6.09E-06	-1.5419
00132214 /// LOC100	0.00132	-2.02401	---	0.00116113	-1.55684	ZNF573	0.00052677	-1.5418
XRCC2	8.37E-05	-2.02393	SMARCA4	4.74E-07	-1.55598	FAM83D	1.83E-05	-1.54177
ZNF805	0.00018	-2.02332	CAPN9	0.00576909	-1.55593	DLC1	0.00117317	-1.54123
MTRF1	2.18E-06	-2.02326	BPF15 /// NBPF16 ///	2.85E-06	-1.5555	WDR68	4.37E-07	-1.54107
RAB31	7.19E-07	-2.02319	ANXA6	4.07E-06	-1.55546	TMPO	0.00011333	-1.5407
ZNF136	0.0174	-2.02292	HIST1H2BG	2.63E-05	-1.55517	GDAP1	0.00089206	-1.53944
CDC6	1.44E-06	-2.02238	IGFBP4	0.00013825	-1.55505	PHLDA1	0.0603028	-1.53919
RAB31	5.17E-08	-2.02202	---	0.00047124	-1.55426	---	0.00833296	-1.5391
ARHGAP24	1.43E-05	-2.02172	---	0.0186783	-1.55391	HMBOX1	0.00121553	-1.5386
TMEM19	2.56E-06	-2.02143	FUS	0.00318354	-1.55384	---	5.35E-05	-1.5386
C13orf34	6.39E-05	-2.02116	---	0.00118423	-1.55353	KIAA1333	2.51E-05	-1.53841
MLYCD	8.87E-11	-2.0208	TNRC6A	1.19E-06	-1.55332	IGSF9	0.00693632	-1.53836
RBM24	9.09E-07	-2.01951	SSU72	0.0120721	-1.55308	ANKRD35	0.00024865	-1.53816
HNRNPC	0.00013	-2.01947	---	0.145185	-1.55278	DLEU2	0.0001348	-1.5378
---	7.95E-08	-2.01917	FBXO9	0.0031367	-1.55276	FLJ25006	0.00375875	-1.53773
CDCA2	6.27E-09	-2.01898	FLJ42627	0.00241833	-1.55233	---	0.00020983	-1.53711
SLC2A10	3.73E-07	-2.01664	---	0.00329443	-1.55222	---	3.38E-05	-1.53637
TTLL5	8.82E-05	-2.01641	CXXC5	1.16E-08	-1.55132	HS3ST3A1	0.00012819	-1.53628
RAGE	0.00042	-2.0162	UCP2	2.54E-06	-1.55118	PHACTR4	8.96E-06	-1.53624
EFHD2	2.81E-05	-2.01559	---	0.00297445	-1.55079	SDC2	0.0673405	-1.5359
---	1.18E-06	-2.01387	OC729602 /// LOC729	7.03E-05	-1.55058	DDX11	0.00012806	-1.53582
CTDSPL2	1.41E-07	-2.01372	---	0.00396018	-1.55052	---	0.00018472	-1.53574
CEP192	3.53E-05	-2.01369	---	0.0531571	-1.55025	SNX24	0.00491433	-1.53551
RAD51AP1	9.95E-06	-2.01344	TIPARP	1.03E-06	-1.55009	---	0.00114378	-1.53535
CCNE2	1.65E-06	-2.01261	PHLDA1	0.0570314	-1.55009	---	0.0001023	-1.5351
GALNT10	6.69E-06	-2.01243	UBE4B	4.66E-05	-1.54963	TRPS1	0.00024469	-1.53456
PIAS3	1.35E-09	-2.0116	HIVEP3	0.00104177	-1.54927	---	0.00279771	-1.53452
---	0.00016	-2.01159	HELLS	8.87E-06	-1.54918	PRDM6	1.72E-05	-1.53451
SUV420H1	1.34E-07	-2.01062	MIDN	0.00271054	-1.54915	WDR61	4.68E-08	-1.53393
AP1S2	2.91E-07	-2.01004	NFATC2IP	1.35E-08	-1.54828	POLQ	0.00323873	-1.53363
C12orf49	4.51E-05	-2.00956	tcag7.1228	0.00151363	-1.54828	C6orf120	1.22E-05	-1.53356
DDB2	9.34E-08	-2.00924	ALS2CR13	0.0388219	-1.54821	CMYA5	0.0147959	-1.53334
VPS26B	6.40E-06	-2.00866	KLHDC5	0.00042301	-1.54788	IGF1R	7.38E-05	-1.53313
PEX26	9.24E-06	-2.00846	USP22	0.00091974	-1.54782	SNX24	0.0001318	-1.53296
RAD18	0.00075	-2.00782	---	0.00096492	-1.5476	CXXC5	1.45E-08	-1.53248
NCAPD2	8.72E-08	-2.00758	---	0.0147733	-1.5475	---	0.0102828	-1.53234
PVRL2	4.73E-08	-2.00506	---	0.00283483	-1.54732	COL1A1	0.00148491	-1.53219
---	3.72E-06	-2.00429	CXXC5	3.19E-08	-1.54717	RCL1	4.34E-06	-1.53217
NOS1AP	0.00038	-2.00424	FMN1	0.0003352	-1.54716	AMH	3.93E-06	-1.53194
SULF2	1.65E-07	-2.00402	FUSIP1 /// LOC642558	0.00029327	-1.54609	BTBD3	0.00027264	-1.53168
TTC23	0.00167	-2.00357	EEF2K	0.00040353	-1.54598	CXorf24	0.00681716	-1.53155
CAD	4.65E-07	-2.00342	10-Sep	1.30E-06	-1.54565	---	0.00350738	-1.53151
TMEM121	0.00054	-2.00325	PIF1	5.40E-05	-1.54559	C10orf18	0.00523217	-1.53123
C6orf173	2.43E-08	-2.00227	HMBOX1	0.00114072	-1.54544	KCTD20	0.00337621	-1.53103

C16orf53	2.63E-07	-2.00203	PCDH9	0.00044771	-1.54535	---	0.0001485	-1.53102
PTBP1	1.69E-09	-2.00079	---	0.00083707	-1.54484	LIG1	3.29E-06	-1.53101
ETNK1	1.56E-05	-2.00069	PDHA1	3.23E-05	-1.54481	FLJ27365	0.0112493	-1.53066
SSR1	8.43E-08	-1.99945	UGDH	2.74E-05	-1.54421	LOC286109	0.0867436	-1.53061
MELK	1.10E-08	-1.99905	TRPS1	9.25E-05	-1.54416	---	0.00360211	-1.52998
ALDH6A1	8.58E-07	-1.99827	CMBL	9.35E-07	-1.5441	FOLR1	0.0172348	-1.52961
LOC151162	6.56E-08	-1.99792	KIAA1600	9.52E-06	-1.54389	SAMD4A	0.0166219	-1.52957
CRLF1	6.28E-05	-1.99745	SMC1A	3.83E-05	-1.54359	---	1.52E-05	-1.52943
---	9.24E-05	-1.99673	PDLIM5	5.41E-06	-1.54336	FAM120B	7.83E-06	-1.52902
COL6A2	0.00211	-1.99523	FLJ41747	0.0271652	-1.54334	METTL7A	0.00502226	-1.52871
SMC1A	1.19E-06	-1.99521	---	0.00216211	-1.54291	---	0.0015791	-1.52844
FKTN	1.11E-06	-1.99468	RPL28	0.00093442	-1.54241	---	0.0161798	-1.52843
SLC44A1	0.00962	-1.99374	---	0.0243472	-1.54173	SMCHD1	0.00702852	-1.52831
---	9.21E-07	-1.99057	---	0.00492583	-1.54124	GPR125	0.00097781	-1.52774
RAB27A	3.73E-06	-1.99024	YLPM1	0.00016956	-1.54117	ZNF618	0.00857053	-1.52759
MCM3APAS	0.0001	-1.98969	LOC642533	8.85E-05	-1.54108	---	3.31E-06	-1.52746
WDR1	3.48E-08	-1.98863	RC3H2	1.62E-06	-1.5409	---	0.010454	-1.52742
TRIM3	0.00135	-1.98781	ZBED1	3.01E-06	-1.54085	ZAK	0.00110086	-1.52715
UBE2C	1.77E-07	-1.98747	BICD2	6.86E-05	-1.54069	KATNB1	0.0334696	-1.52702
SPHK2	4.65E-05	-1.98713	UGT2B28	0.0270376	-1.53967	---	0.00095006	-1.52678
NUTF2	0.00016	-1.98682	FAM120B	6.94E-06	-1.53957	---	0.00017933	-1.52665
TIMP3	0.00023	-1.98652	ZNF548	0.00492212	-1.53875	LOC728198 /// TAF9L	8.09E-06	-1.52623
---	0.00415	-1.98641	FLJ31306	2.71E-07	-1.53868	BRI3BP	1.56E-06	-1.52527
FANCA	3.10E-06	-1.98517	ITGB4	0.00052753	-1.53859	PAX9	0.0220656	-1.52513
MCM4	5.44E-07	-1.98377	SYK	0.0208807	-1.5385	FANCI	3.52E-07	-1.52489
BAG5	8.11E-06	-1.98326	ZAK	9.12E-06	-1.53842	SP1	0.0136767	-1.52464
CHML	6.85E-07	-1.98209	MYC	5.11E-06	-1.53837	C16orf55	0.00014357	-1.52401
MGC16121	0.00106	-1.98205	---	8.21E-05	-1.5373	ATXN1L	1.18E-06	-1.52385
DSN1	2.18E-06	-1.98116	DSG2	3.20E-06	-1.53722	TMEM40	0.0154032	-1.5236
CDKN3	1.29E-07	-1.9811	C14orf93	0.00857056	-1.53721	GPATCH4	1.28E-06	-1.52347
TXNDC13	1.41E-07	-1.98109	---	0.0270898	-1.53609	FANCG /// VCP	7.14E-07	-1.52329
SNX24	4.30E-06	-1.98074	FXR2	0.0506387	-1.53521	EGR3	3.57E-06	-1.52291
C20orf112	1.31E-09	-1.97895	KIAA1333	2.60E-05	-1.53517	BMP2K	0.0380954	-1.52266
PLCXD1	2.86E-07	-1.97786	PAXIP1	4.88E-05	-1.53513	CEP350	0.00918631	-1.52265
KCTD10	1.41E-07	-1.97777	PRDM6	1.71E-05	-1.53512	UBE4B	0.00098897	-1.52265
QSER1	7.60E-07	-1.97689	ZBTB44	0.00455826	-1.53502	FLVCR2	0.00021554	-1.52245
RAD1	0.00922	-1.976	FLJ41757	0.0273055	-1.53492	PPP1R15B	0.00034602	-1.52177
---	4.09E-05	-1.97575	RECQL4	0.00045357	-1.53465	GNL3L	0.0212092	-1.52141
KCTD15	0.00014	-1.97416	NLN	0.00287883	-1.53445	GRSF1	0.0004405	-1.5208
---	1.96E-05	-1.97411	---	0.00212629	-1.53387	DDX11	1.41E-05	-1.52068
TOPBP1	3.71E-08	-1.97325	ABCA5	1.70E-06	-1.53371	---	0.0255459	-1.52053
---	4.07E-05	-1.97322	DHFR	2.48E-05	-1.53352	---	1.60E-06	-1.5205
GMFB	5.03E-10	-1.97315	---	1.65E-05	-1.5334	OGG1	0.0197003	-1.52025
C6orf26 /// MSH5	8.54E-06	-1.97312	---	3.25E-05	-1.53326	---	0.0358035	-1.52008
---	0.00019	-1.97301	---	0.00137976	-1.53325	DHFR	1.15E-05	-1.51985
C16orf59	1.64E-05	-1.97239	CDK5RAP3	1.81E-07	-1.53287	ZNF618	0.00345066	-1.51977
---	5.11E-05	-1.97215	---	0.00654273	-1.53267	KIAA0101	7.42E-05	-1.51974
HIPK3	0.00817	-1.97099	---	0.00040506	-1.53247	---	0.163435	-1.5195
---	1.14E-07	-1.97087	---	0.00088653	-1.53242	PGGT1B	0.00160019	-1.51924



ATL3	5.68E-06	-1.9706	---	3.35E-05	-1.53186	---	3.08E-06	-1.51911
MAN1A1	2.57E-06	-1.96936	FLJ31306	0.00058441	-1.53155	---	6.50E-05	-1.51895
ATP2A3	0.0011	-1.96852	TRIM45	0.00202612	-1.53148	---	0.0908157	-1.51823
SYNGAP1 /// ZBTB9	8.12E-09	-1.96843	FERMT2	0.00012862	-1.53131	C6orf89	5.05E-06	-1.51775
RIBC2	0.00035	-1.96701	---	0.00100486	-1.53125	---	1.71E-05	-1.51772
KIAA0528	3.22E-07	-1.96631	NOVA1	0.00330839	-1.5312	---	0.00146017	-1.5177
USP46	1.11E-06	-1.96616	FUS	4.69E-05	-1.53111	---	0.0060148	-1.51717
---	1.99E-06	-1.96592	KIAA1267	0.0003208	-1.5308	---	0.0234975	-1.51696
RRM2	6.74E-07	-1.96514	GLTSCR2	1.19E-07	-1.53078	IPO7	3.50E-05	-1.51631
SSR1	4.65E-06	-1.96482	---	0.00678363	-1.53063	EFNB2	0.0235345	-1.51614
ADPGK	4.20E-06	-1.96469	NFATC2IP	2.79E-05	-1.52993	CAPG	0.00022932	-1.51613
CKLF	3.42E-06	-1.96464	SNX24	0.00515045	-1.52986	C440345 /// LOC641	0.00022179	-1.51611
---	1.75E-06	-1.96163	LRRFIP2	7.80E-05	-1.52974	QKI	0.00175115	-1.51604
EED	4.45E-06	-1.96111	MAG11	0.00052618	-1.52945	---	0.0337617	-1.51581
SMARCB1	4.33E-07	-1.96024	---	0.0180698	-1.52902	UBAP2	0.00018922	-1.51533
CEP135	0.00022	-1.95996	CADPS2	7.70E-05	-1.52888	QKI	0.00330054	-1.51511
SSX2IP	7.17E-05	-1.95993	P11-345P4.4 /// SLC35	1.84E-07	-1.5288	---	1.87E-05	-1.5149
LOC441242	0.00015	-1.95987	---	0.0123282	-1.52845	/// BAGE3 /// BAGE5	0.0298901	-1.51425
AP4S1	0.00202	-1.95835	MGC33894	0.0110262	-1.52803	USP54	0.00036642	-1.51418
PPP1R9B	4.50E-05	-1.95791	C440345 /// LOC6412	0.00019634	-1.52753	TIMM50	0.00576302	-1.51373
SYTL4	0.0063	-1.95737	ANK3	2.39E-06	-1.52729	---	0.0169018	-1.51369
C9orf100	0.00016	-1.95723	---	0.00565218	-1.52728	WDR77	0.00062927	-1.51341
ANTXR1	2.59E-07	-1.9546	CBX5	1.35E-05	-1.52701	ATF7IP2	1.68E-05	-1.51325
RACGAP1	5.06E-09	-1.95441	RC3H2	0.00019287	-1.52683	---	0.00903778	-1.51312
FLJ38973	2.10E-05	-1.95367	C5	0.0141896	-1.52677	MSTO1	0.00091376	-1.51178
RAB2B	1.33E-06	-1.95346	---	0.00748505	-1.52669	---	0.00015057	-1.5108
CASC5	0.01125	-1.95268	PPP2R5C	2.68E-05	-1.52627	HIST1H2AM	0.00282895	-1.51071
TMPO	2.48E-09	-1.95247	---	0.00416498	-1.5262	LRRFIP2	9.64E-05	-1.51066
DNAL1	4.88E-06	-1.95165	CENPI	0.00694791	-1.52613	TIPARP	1.64E-06	-1.51054
---	8.66E-07	-1.95113	---	0.00750918	-1.52595	MED13	0.00041362	-1.51042
REPS2	0.00015	-1.95066	---	0.0001181	-1.52593	GREB1	0.00636851	-1.51037
---	3.87E-06	-1.95014	---	0.00211018	-1.5258	ZNF669	0.0003233	-1.50956
ODF2	1.80E-06	-1.94997	RUFY2	5.87E-05	-1.52519	FLNA	2.54E-05	-1.50946
ATP2A3	4.81E-07	-1.94991	BMP2K	0.0375474	-1.52506	FOSL2	4.79E-06	-1.5093
PER3	0.00016	-1.9498	---	0.00228481	-1.52489	---	3.30E-06	-1.50919
LOC81691	0.00024	-1.94979	---	0.00505811	-1.52431	MSL-1	0.00017528	-1.5091
---	1.60E-05	-1.9493	RPL31	0.00039034	-1.52418	PAK1	0.00039217	-1.50909
SH3BGRL3	2.52E-06	-1.94909	---	0.00113392	-1.52407	KCNMB4	9.66E-05	-1.50874
ZWINT	4.60E-09	-1.94724	LOC644246	0.00710525	-1.52349	PPFIA4	0.00067044	-1.50853
C14orf94	1.17E-05	-1.94669	---	0.00154959	-1.52317	MANEAL	1.87E-06	-1.50846
TNFRSF25	7.76E-05	-1.94641	---	0.00350275	-1.52286	LOC728198 /// TAF9	0.00144343	-1.50769
DEPDC1	1.01E-05	-1.94628	---	7.90E-05	-1.52259	DAAMI	4.62E-05	-1.50731
PHF19	8.72E-07	-1.94624	CDV3	1.07E-06	-1.52255	C1orf176	0.0164954	-1.50691
---	5.94E-05	-1.94567	SMAD2	0.00538444	-1.52143	ISG20L2	2.54E-07	-1.50663
---	0.00014	-1.9456	THBS1	4.39E-05	-1.5213	---	0.00017368	-1.50631
AGBL5	1.82E-07	-1.94398	FLNA	2.22E-05	-1.52116	C1orf34	3.42E-05	-1.50479
MYO1D	4.75E-05	-1.94302	---	0.00077051	-1.52111	C1orf163	0.00111701	-1.50467
H3F3A /// H3F3B	3.90E-10	-1.94208	ESR1	0.0128976	-1.52107	C14orf106	0.00419118	-1.50463
PTBP1	1.85E-09	-1.94194	UBE2CBP	0.00010175	-1.52099	MPZL1	0.00124837	-1.50439

IMPA2	9.35E-09	-1.94187	---	0.00014632	-1.52078	MLF1IP	0.00311927	-1.50369
---	3.08E-07	-1.94165	GNG12	1.16E-06	-1.52047	FMN1	0.00052351	-1.50368
PDE7A	0.00025	-1.94102	---	0.00061679	-1.52004	PSIP1	1.27E-05	-1.50344
TYRO3	0.00484	-1.94055	C9orf100	0.00109062	-1.52003	CNOT6	4.19E-05	-1.50343
---	0.00771	-1.93975	NOLC1	7.60E-06	-1.51996	MTG1	0.00445926	-1.50315
RNF40	1.71E-06	-1.93947	TRPS1	2.17E-06	-1.51978	UGCG	0.00010669	-1.50303
RBM9	0.00021	-1.93836	C8orf44 /// SGK3	0.00027228	-1.51938	---	0.00381881	-1.50294
FANCM	1.41E-05	-1.93789	---	0.00024057	-1.5191	RC3H2	4.17E-05	-1.50262
GLT8D3	4.97E-05	-1.93761	TAF15	0.0161826	-1.51894	MLF1IP	7.02E-05	-1.50226
---	8.58E-06	-1.93634	CIT	0.00012703	-1.5183	TAPBP	1.14E-05	-1.50219
---	7.15E-06	-1.9339	---	0.0001965	-1.51796	LIN52	1.78E-05	-1.50204
MBOAT2	4.50E-05	-1.93354	APOLD1	0.0549794	-1.51796	---	0.0565168	-1.50204
POLD3	9.49E-07	-1.93345	BICD2	0.00095668	-1.51763	ZNF738	0.0332342	-1.50199
PTPLB	1.73E-06	-1.93337	CHML	2.84E-05	-1.51742	---	9.85E-08	-1.50132
---	0.00259	-1.93324	FRMD4A	0.00168616	-1.5174	RBMS1	0.00064414	-1.50122
C21orf81	8.65E-07	-1.93321	LOC100128191	0.0009757	-1.51704	PFAS	7.00E-06	-1.50051
PXMP2	5.29E-08	-1.93281	AURKB	0.0544767	-1.5169	CDKN2C	0.0007992	-1.50022
---	3.62E-06	-1.93252	PPP1R1C	0.0001584	-1.51638	ARL6IP2	0.00064899	1.50003
RTN2	1.54E-06	-1.93223	---	0.00306908	-1.51625	LOC145842	0.0176324	1.50056
TMEM121	4.95E-06	-1.93222	RAI14	5.03E-05	-1.51624	LOC100131601	0.047207	1.50136
ALG10B	9.96E-05	-1.93219	ASPM	0.0235732	-1.51544	VEZT	0.00016934	1.50153
---	0.00023	-1.93161	CCL28	0.00034299	-1.51526	BEX2	1.14E-05	1.50158
MTSS1	0.0017	-1.93065	---	0.0336193	-1.51523	MRPL19	0.0180533	1.50195
CDKN3	2.15E-08	-1.93037	---	0.00042093	-1.51522	LOC162993	8.16E-05	1.50205
USP46	1.25E-05	-1.93014	---	0.00545066	-1.51494	C15orf24	0.0147623	1.50219
IL27RA	0.00222	-1.92949	---	0.00829951	-1.51488	MTHFR	0.00036777	1.50283
NSMCE4A	0.00013	-1.92838	NRCAM	5.00E-06	-1.51467	---	0.0616478	1.50292
---	1.79E-07	-1.9279	VTI1B	4.86E-06	-1.51442	EML2	0.00018823	1.5031
NFKBIL2	0.00012	-1.92767	TYSND1	0.0004387	-1.51398	ING1	2.67E-05	1.50313
BTBD2	7.10E-06	-1.92693	---	0.0169553	-1.51325	EIF2AK2	4.74E-06	1.50322
CCNB1	2.20E-09	-1.9251	---	6.37E-05	-1.51307	HUS1	8.46E-05	1.50329
TREX2 /// UCHL5IP	1.36E-06	-1.9249	BMPR1B	6.63E-06	-1.51274	DNAJC15	2.27E-06	1.5034
PHF19	1.83E-08	-1.92414	SGPL1	0.14088	-1.5121	CKB	2.22E-06	1.50354
IKBKAP	1.85E-07	-1.92412	RC3H2	3.75E-05	-1.51172	CTSL1	9.23E-06	1.50357
HNRNPA3	2.12E-06	-1.9235	HIST1H3H	1.28E-06	-1.51146	UNC93B1	6.52E-05	1.50357
---	0.00072	-1.92318	---	0.0042188	-1.51131	KAZALD1	0.00545821	1.50374
KIAA0114	1.54E-07	-1.92278	CHSY1	5.48E-07	-1.51123	SLC7A5	1.71E-06	1.50432
VTI1B	1.48E-07	-1.92275	PPP1R15B	0.00038683	-1.51118	C15orf17	0.0162729	1.50462
---	0.0015	-1.92242	GUSBP1	2.07E-05	-1.51102	C9orf119	0.00010236	1.50475
SDK2	0.00309	-1.92205	FBXL20	0.00134413	-1.51102	RAG1API	1.28E-05	1.50528
C1orf145	0.00149	-1.92198	UBE4B	0.00026857	-1.51035	ASF1A	4.58E-08	1.50562
PPP1R9A	1.66E-05	-1.92147	ADRB1	0.0107709	-1.51029	SESN1	6.76E-05	1.50602
LOC201725	0.0021	-1.92103	PPP2R2A	6.76E-07	-1.51018	ARL1	0.00074933	1.50689
C21orf86	5.11E-06	-1.91996	SMARCA4	4.00E-07	-1.51016	FAM45A /// FAM45B	8.41E-06	1.5069
STAU2	0.00021	-1.91912	AKAP13	4.58E-06	-1.51013	CAB39	0.00202417	1.50692
ANP32E	2.17E-06	-1.91746	---	1.81E-06	-1.50988	SLC2A13	0.0383031	1.50699
---	0.00011	-1.91723	---	0.00698824	-1.50988	CLEC2D	0.0816464	1.5071
TPM3	1.86E-07	-1.91715	TCF19	0.00104757	-1.50921	MYO6	3.63E-05	1.50741
ANKRD18A	0.00275	-1.91653	FKTN	5.26E-05	-1.50917	C17orf39	0.00210038	1.50769

ANKRD5	3.53E-06	-1.91639	CAD	2.44E-05	-1.50916	BTRC	0.00034482	1.50783
---	1.80E-07	-1.91503	---	0.0188576	-1.50911	---	0.0026258	1.50816
HNRNPU	0.00018	-1.91476	AFF1	2.12E-06	-1.50907	SERPINH1	6.39E-06	1.50847
GFRA3	0.01102	-1.91472	---	0.0163489	-1.50901	N4BP3	6.39E-05	1.50855
ITGAE	1.67E-08	-1.9138	DKFZp58611420	2.09E-05	-1.50885	RPS6KA5	3.52E-06	1.50872
GTSE1	0.02401	-1.91329	WSB1	6.27E-07	-1.50859	LOX	0.00297535	1.50876
RPS15A	6.61E-05	-1.9131	---	0.0104751	-1.50829	CAPS	0.00152748	1.50907
UBE2J1	3.89E-05	-1.91285	LRRFIP2	1.07E-05	-1.50803	---	0.00246649	1.50912
RCCD1	3.59E-07	-1.9127	---	0.00498505	-1.50753	SETDB2	3.13E-05	1.50924
MARCKS	3.96E-06	-1.91233	PDLIM5	6.22E-07	-1.50732	LTB	0.00110297	1.50928
---	0.0002	-1.91103	TET2	0.0164134	-1.50703	NAPG	6.02E-05	1.50946
---	0.00055	-1.91075	LOC643988	6.62E-05	-1.50698	STXBP4	0.00060772	1.50978
MZF1	0.00061	-1.91073	USP40	0.00267749	-1.5069	SNX25	0.0009906	1.50983
FBXO9	0.00028	-1.90942	CHD7	7.78E-07	-1.5068	C17orf68	0.00106035	1.50991
SERTAD4	0.0008	-1.90935	RREB1	2.68E-06	-1.5067	LRRC23	0.001692	1.51119
CENPT	2.21E-06	-1.90929	THBS1	0.00126282	-1.5066	LOC728431	0.00045633	1.51139
LOC100127983	4.28E-05	-1.90886	---	0.00411847	-1.50652	TFDP2	0.00025494	1.51141
RTN2	3.69E-06	-1.90818	TRPS1	0.00032969	-1.50633	SLC4A7	0.00197829	1.51141
PTGER3	0.0017	-1.90738	DCLK1	9.09E-07	-1.50611	SH3BGRL3	8.62E-05	1.51166
---	0.00394	-1.9073	---	0.00013409	-1.50607	---	0.00010833	1.51184
CCNE2	1.26E-07	-1.90706	CCDC117	4.54E-06	-1.50559	TMEM59	5.10E-08	1.51119
SERP1	4.57E-09	-1.90629	HA3 /// PCDHA4 /// PC	4.76E-06	-1.50529	GCHFR	0.00018356	1.51205
GLUD1	0.00076	-1.90612	---	0.00112965	-1.50523	M1 /// CALM2 /// CA	1.74E-05	1.51242
SFRS1	6.85E-09	-1.90561	SMARCA4	1.57E-05	-1.50508	GPR65	0.00364057	1.51265
LOC124446	0.00551	-1.90535	HELB	0.00449185	-1.50498	BAMBI	9.31E-09	1.51274
PSIP1	3.91E-07	-1.90507	AKAP13	0.000126	-1.50497	CTSB	6.16E-07	1.51295
---	0.00049	-1.90476	WDR4	2.05E-05	-1.50484	PRSS8	3.12E-05	1.51299
PDS5A	0.00732	-1.90397	---	0.0256786	-1.5047	IFIH1	0.00192972	1.5134
ARG2	0.00224	-1.90335	SSFA2	6.27E-07	-1.50458	ATP1B1	1.44E-06	1.51341
RBBP9	0.00228	-1.90238	tcag7.1228	0.007691	-1.50319	MLX	2.52E-06	1.51361
---	4.65E-05	-1.9016	SP1	0.0160891	-1.50288	SLC39A14	1.12E-05	1.51381
ARHGAP19	0.00097	-1.90017	PRPS1	6.01E-06	-1.50249	SSH1	0.00442046	1.51452
ATP2A3	1.62E-06	-1.89961	---	0.00023163	-1.50196	COL6A1	0.00897902	1.51476
---	4.59E-05	-1.89942	---	0.00461663	-1.50186	EOMES	0.0128294	1.51501
RABL2A /// RABL2B	8.91E-07	-1.89843	---	7.21E-05	-1.50182	---	0.0526059	1.51529
RCAN3	9.00E-06	-1.89808	PTPRF	0.00031374	-1.5017	GPRASP2	0.00027673	1.5153
FN3KRP	6.79E-08	-1.89723	POLR2J2	9.63E-06	-1.50143	DNAJA1	1.25E-05	1.5154
---	1.14E-06	-1.89684	---	1.92E-05	-1.50135	TBC1D4	0.00059875	1.51563
AHNAK2	1.44E-05	-1.89635	92713 /// LOC441259	4.56E-05	-1.50112	NUPR1	0.00067436	1.51563
ABI2	3.64E-08	-1.89578	ZNF789	0.00367684	-1.50109	---	1.88E-07	1.51599
MAD2L1	3.57E-10	-1.89575	LYRM7	0.0008063	-1.50099	TARSL2	0.00302478	1.51605
CBX6 /// NPTXR	0.00023	-1.89483	TPD52L1	6.42E-08	-1.50087	OSBPL6	0.0541804	1.51646
CENPQ	9.77E-07	-1.89483	---	0.00012417	-1.50086	LAP3	6.72E-05	1.51684
KISS1R	0.01682	-1.89471	PITPNC1	0.0350215	-1.50046	C1orf79	0.00012704	1.51715
MGLL	4.28E-06	-1.89469	BAT2D1	9.98E-05	1.50027	NIPA1	0.00106119	1.51717
CRYZL1	8.74E-07	-1.89454	PJA1	2.05E-05	1.50031	PPAPDC1B	5.75E-07	1.51735
---	2.37E-07	-1.89439	LRPAP1	4.47E-07	1.50032	USP3	8.05E-06	1.51755
TIMP1	1.06E-07	-1.8937	RASL10A	0.0129898	1.50088	IFI6	0.00021563	1.51852
---	0.00025	-1.89151	HPS3	0.019902	1.50139	CTNND2	0.00992854	1.5189

HMBOX1	9.03E-05	-1.89094	LG MN	0.00032401	1.50146	TXNDC15	7.93E-07	1.51897
TNK2	1.48E-05	-1.88969	COQ4	3.28E-05	1.50161	GFM1	4.06E-05	1.51944
---	3.36E-05	-1.88969	SMARCD3	0.00490991	1.50223	NR5A2	0.0185461	1.51959
---	1.96E-05	-1.88915	MAP3K5	0.00047551	1.50311	MTUS1	0.00016201	1.51968
---	6.88E-05	-1.88836	SLC25A20	0.0332809	1.50321	SLC9A1	9.85E-05	1.51973
FAM57A	5.79E-07	-1.88727	SCML2	0.0001445	1.50335	CCPG1	0.00026576	1.51976
RFC1	5.54E-05	-1.88678	---	0.0015732	1.50392	CLIP1	0.00034987	1.51979
RNF26	4.57E-07	-1.88545	GPR137C	0.00145914	1.50395	IDH1	1.35E-05	1.5199
C9orf126	0.00014	-1.88542	---	0.00050463	1.50403	ARC N1	9.69E-06	1.51996
WDR51A	7.94E-05	-1.88455	DUSP2	6.05E-06	1.50405	SLC2A6	1.08E-05	1.52001
---	5.10E-05	-1.88419	C18orf25	0.0331104	1.50435	ASCC3	0.00025908	1.52005
SOLH	1.21E-05	-1.88337	KIAA0256	0.014108	1.50448	DDEFL1	0.0108919	1.5201
TMEM40	0.00173	-1.88308	OGFR	6.63E-06	1.50458	LL22NC03-5H6.5	0.00856831	1.52067
XK	0.00658	-1.88227	CHM	0.0732088	1.50508	RHOV	0.00015852	1.52088
ASCL1	5.33E-08	-1.88227	C2orf34	0.00763038	1.50552	TIGD2	0.00079806	1.52104
---	0.00319	-1.8818	FAM98B	0.00035071	1.5056	C14orf179	2.24E-06	1.52115
MNS1	4.42E-05	-1.88138	SULT1A2	1.01E-05	1.50602	---	8.06E-05	1.52156
ESR1	0.00035	-1.88137	COPS8	6.22E-06	1.50608	MMEL1	0.00012546	1.52209
SUZ12	9.72E-08	-1.88102	SAT2	5.10E-06	1.50623	RBKS	0.00103926	1.52217
LOC81691	0.00254	-1.88098	IGFBP5	3.15E-05	1.50643	PKIA	0.0005007	1.52289
DDX11	1.33E-06	-1.88082	SLC7A6 /// TRPV6	7.89E-07	1.50646	PCYT2	0.00023944	1.52293
MET	2.15E-05	-1.8805	FLRT3	0.0285152	1.50648	C9orf52	0.00510916	1.52297
PTP4A2	2.50E-10	-1.88026	ONECUT2	0.102395	1.50657	COMTD1	0.00013223	1.52313
FANCD2	0.00011	-1.88023	BLOC1S2	3.87E-06	1.50716	CLEC7A	0.0231975	1.52329
---	0.00041	-1.87982	C17orf59	1.67E-05	1.50769	C9orf95	3.61E-06	1.52372
EEF2K	3.05E-05	-1.87972	PRR7	5.66E-06	1.50824	MAN1A1	8.54E-05	1.52377
---	2.03E-05	-1.87962	NSF	1.13E-05	1.50828	---	0.0139003	1.52396
RAD9A	9.60E-06	-1.87955	GFPT1	6.67E-05	1.50855	SERPINB1	0.00323499	1.52423
ARSD	9.41E-06	-1.87928	NTHL1	0.00913911	1.50892	RNASEH2C	1.38E-06	1.52432
FBXO2	4.42E-06	-1.87889	PIK3C2A	0.0176379	1.50898	KLC2	3.63E-05	1.52456
MAGI1	0.00041	-1.8781	FSTL3	0.0581079	1.50919	TIMP1	2.59E-06	1.52517
LRP5	0.00016	-1.87788	FAM45A /// FAM45B	8.17E-06	1.5093	SEMA4C	3.83E-06	1.52524
POLR2K	8.15E-09	-1.8777	GTF3C1	3.53E-08	1.50945	PARVA	0.00021631	1.52536
MCM4	5.18E-05	-1.87678	RFK	0.00010465	1.5095	FAM55C	3.52E-05	1.52544
GMNN	5.49E-09	-1.87485	SERTAD1	0.00021963	1.50958	STRA6	0.0050951	1.52637
GOLGA7	2.16E-05	-1.874	KIAA1033	7.97E-08	1.50989	SLC25A17	0.0148218	1.52777
SLC22A15	0.00442	-1.87361	EPB41L2	0.0005093	1.50992	JUN	2.24E-05	1.52795
HADH	6.24E-07	-1.8735	DUSP14	1.37E-06	1.50995	---	0.00048823	1.52806
CA5BL	8.31E-06	-1.87331	SLC38A6	4.69E-05	1.51022	SAR1B	7.63E-05	1.52834
TMEM44	0.00248	-1.87272	---	0.00590566	1.51023	MTHFS /// ST20	1.48E-06	1.52838
FUS	4.01E-06	-1.87272	GRPEL1	4.71E-05	1.51061	GTF3C1	7.86E-06	1.52846
---	1.61E-08	-1.87271	SRPRB	0.00010928	1.51062	LMBR1L	1.24E-05	1.52902
FKBP5	2.30E-06	-1.8727	PSMG4	6.33E-06	1.51093	PPAP2B	0.00159601	1.5292
FOXRED2	0.00011	-1.87078	NP32A /// LOC1001281	4.64E-05	1.51103	LOC441150	0.00394354	1.52981
NR2F2	0.00025	-1.87073	SLCO3A1	0.0098232	1.51118	TSPYL2	5.09E-05	1.52986
MYBL1	3.98E-08	-1.87058	C1orf86	0.00088187	1.5118	---	0.00012278	1.52989
DCK	3.04E-05	-1.86995	C100134295 /// SLCO4	0.00021623	1.51188	LEPR	0.0832934	1.53027
SYT7	1.70E-05	-1.86992	PRKRIP1	1.88E-07	1.51203	FAM92A1	5.65E-05	1.53108
SRD5A1	3.32E-08	-1.86885	---	1.18E-05	1.5123	LOC100129105	0.00032956	1.53163

EHMT2	3.06E-05	-1.8682	ATP6V0E2	4.92E-06	1.51232	C9orf58	4.07E-06	1.53173
ORC6L	5.85E-05	-1.86817	SERTAD2	0.00067325	1.51242	FAM55C	0.0102901	1.53178
ORC3L	1.02E-07	-1.86806	ATP2C2	4.22E-05	1.51286	QPRT	3.53E-05	1.5319
ALDH6A1	8.16E-09	-1.86805	---	0.00782796	1.51308	PC	0.00078134	1.53252
MTMR11	8.00E-07	-1.86795	SEC24A	0.00363551	1.51344	B3GNT4	0.00139132	1.53398
---	0.00317	-1.8679	SLC25A33	2.73E-06	1.51349	PBX1	0.00022056	1.53413
TRIP13	2.16E-07	-1.86717	CDC23	0.00302645	1.51409	CENTA1	8.72E-05	1.53429
NECAB1	2.96E-06	-1.86628	---	0.0099971	1.51446	GTPBP5	0.00045746	1.53532
HPS4	0.00173	-1.86557	AGPAT3	0.00028826	1.51453	CD151	4.15E-06	1.53538
SDHC	7.86E-05	-1.86504	TMEM57	0.00110516	1.51469	RFK	7.86E-05	1.5355
OSBPL7	4.14E-06	-1.86433	UBAC2	8.23E-06	1.5148	PCSK6	0.00139004	1.53566
C21orf45	1.51E-06	-1.86361	ARPM1	0.0119132	1.51497	ATE1	8.69E-05	1.5364
PARP11	0.00015	-1.86328	PPAPDC1B	5.90E-07	1.51524	MAOA	0.00037835	1.53669
WDR8	4.92E-06	-1.86242	IDH1	1.42E-05	1.51554	GBP2	2.33E-05	1.53685
---	0.00077	-1.86228	JMJD6	3.41E-05	1.51598	LRPAP1	2.85E-07	1.53703
YBX2	1.45E-06	-1.86201	RXRA	0.00019417	1.51609	LIFR	0.0272887	1.53708
ITSN1	0.00017	-1.86195	P2RX2	0.00176056	1.51612	CNNM4	1.48E-05	1.53746
TROAP	1.82E-06	-1.86178	RHOU	0.00016494	1.51613	C6orf154	0.0005415	1.538
FEN1	6.08E-06	-1.86129	TICAM2 /// TMED7	0.00714251	1.51619	SUSD4	0.00029187	1.53817
---	1.69E-05	-1.86059	C9orf52	0.00541176	1.51621	C20orf112	4.98E-08	1.5384
LOC644192	1.74E-05	-1.86059	SCRN2	4.64E-06	1.51672	THAP5	0.00153168	1.53863
MTA3	0.00052	-1.86031	C6orf52	0.00069467	1.51676	KIAA1429	0.0144957	1.53865
---	0.00675	-1.86022	INTS6	4.74E-05	1.51678	MMAA	0.00221211	1.53888
ABHD3	2.74E-06	-1.85979	C6orf66	0.00024817	1.51703	TBC1D8	7.31E-05	1.5389
---	4.89E-07	-1.85932	ID1	3.31E-07	1.51726	USP45	0.0010159	1.53894
KIAA1377	0.00877	-1.85902	C100128414 /// RAD5	0.0010648	1.51783	RCBTB1	0.00474711	1.53989
PSKH1	0.00882	-1.85829	tcag7.1314	0.00080956	1.5181	LGALS8	0.00570548	1.5399
LMNB2	3.20E-05	-1.85803	RNF166	4.46E-06	1.51833	MRC2	0.00728746	1.54002
ADAT3	0.00127	-1.85781	BAT2D1	0.00062402	1.5187	C100129068 /// ST3G	3.34E-05	1.54009
---	7.53E-07	-1.85726	ATG16L1	9.87E-06	1.51876	ELL	0.0401056	1.54027
ESR1	3.02E-06	-1.85626	HPS3	3.83E-05	1.51893	SCRN2	3.52E-06	1.54045
---	0.0002	-1.85602	LRRC16A	0.00551435	1.51902	RPAP3	2.39E-05	1.54053
PRIM2	5.80E-05	-1.85572	NUDT4 /// NUDT4P1	0.0007363	1.51962	ZFAND2A	1.84E-05	1.54071
ECHDC2	3.26E-05	-1.85565	C12orf29	3.38E-05	1.51979	MTRF1	0.00305513	1.54125
SMTN	7.56E-05	-1.85535	CDC42EP5	0.00106691	1.52014	EIF2AK2	8.64E-06	1.54158
43287 /// PTMA /// PT	1.71E-06	-1.85497	RNASEH2C	1.45E-06	1.52017	PECI	4.54E-07	1.54162
ANKIB1	2.70E-07	-1.85471	RAB28	0.00013487	1.52036	CHIC1	0.0170368	1.54165
ARHGAP11A	0.00139	-1.85462	C2orf60	1.53E-05	1.5205	FGFR4	0.0205036	1.54205
ADPGK	1.51E-08	-1.85333	FNBP1L	0.0021163	1.52105	ANKRD13C	0.0171447	1.54236
---	1.95E-05	-1.85326	CENTB2	0.00036365	1.52168	LPIN2	0.00020612	1.54261
SLC2A4RG	2.57E-07	-1.85311	SOX2	1.91E-05	1.52174	---	0.00382854	1.54275
COL12A1	0.02403	-1.85305	RPS27L	3.55E-06	1.52196	PUS10	0.0100299	1.5434
RTN3	5.02E-07	-1.85275	C22orf9	0.00096745	1.52245	---	0.0145016	1.54344
RPH3AL	1.46E-05	-1.8514	HLA-G	3.11E-07	1.5227	MID1IP1	2.71E-05	1.54351
PTPN1	6.35E-07	-1.85101	PPT2	0.00331838	1.52273	SEMA3F	0.003923	1.54388
---	7.20E-06	-1.85087	STCH	3.17E-05	1.52277	LITAF	1.10E-05	1.54403
---	6.14E-06	-1.84945	FGFR4	0.0385234	1.52303	AGA	1.08E-05	1.54408
CDC25B	6.42E-07	-1.84941	SSSCA1	6.52E-05	1.52309	MSMB	0.0196199	1.54409
PTPN9	1.16E-06	-1.84914	MRPL19	0.0154259	1.5234	SEC23B	0.00012771	1.54421

PDXK	4.62E-09	-1.84776	ASCC3	0.00180509	1.52373	GLG1	0.0171817	1.54426
RET	1.39E-05	-1.84772	JUN	2.34E-05	1.52397	GPR160	2.26E-07	1.54505
FLJ90757	2.31E-05	-1.84771	RPS6KC1	0.02377	1.52469	OTUB2	0.0786235	1.54555
---	0.00035	-1.8475	CAB39	0.00170345	1.5251	ARL8B	8.41E-08	1.54699
TAF9B	6.35E-05	-1.84678	NOTCH1	0.00039974	1.52518	SGSH	1.44E-05	1.54702
BTBD3	2.09E-05	-1.84638	BAT2D1	1.72E-05	1.52527	KIF16B	0.0147526	1.54729
NQO2	1.43E-07	-1.84593	NQO1	2.40E-08	1.52538	LOC647121	1.82E-05	1.54765
LMNB1	1.61E-07	-1.8454	TAPBPL	0.00382733	1.52539	UQCC	0.00038625	1.54847
NPAL3	0.0004	-1.84527	LMF1	1.20E-05	1.52548	FLJ22167	0.00151998	1.54857
NR2F2	3.31E-05	-1.84512	WDFY2	0.00010743	1.52595	SLC7A6 /// TRPV6	0.00066566	1.54926
CCNA2	3.07E-06	-1.8446	GABPB2	2.37E-06	1.52604	C17orf59	1.03E-05	1.54967
FANCA	2.89E-06	-1.84363	MDK	4.50E-06	1.52615	MTF2	0.00010925	1.5497
FBXO7	3.58E-07	-1.84184	UBE2W	0.00055763	1.52706	C20orf54	0.00249389	1.54972
---	0.00077	-1.84174	LHX2	0.00201233	1.52741	MLX	7.78E-08	1.54978
---	0.0003	-1.84146	WIBG	4.97E-05	1.52774	/// RGPLD5 /// RGPLD6	5.57E-06	1.54988
---	7.38E-05	-1.84111	CHD5	0.0247217	1.52844	PDXK	3.25E-06	1.55025
DDX11	1.01E-05	-1.841	IMPAD1	1.68E-06	1.52867	TRAK1	0.00111893	1.5504
RASSF8	1.49E-06	-1.84097	GDPD1	3.44E-05	1.5292	SAMD11	0.00123854	1.55048
RFC3	4.99E-08	-1.84056	---	0.0180596	1.52957	RABAC1	2.96E-06	1.55068
DUSP18	0.00021	-1.83955	KDEL1	0.116142	1.52969	TNRC8	0.00060826	1.55109
CBL	0.00066	-1.83888	RRAS2	1.39E-06	1.52977	MTUS1	0.00011271	1.5511
SMAD2	0.00058	-1.83849	FGFR1OP2	6.33E-05	1.52979	SLC1A1	0.00737638	1.55139
VTI1B	4.71E-07	-1.83828	CTTN	6.28E-07	1.52984	---	0.0352141	1.55161
ZNF185	3.50E-05	-1.83741	BGLAP /// PMF1	0.042431	1.53001	ING1	1.62E-05	1.55187
ARFIP1	1.37E-06	-1.83741	---	0.00435415	1.5302	AHNAK	0.00046123	1.55187
PWP1	2.91E-09	-1.83681	FLJ11151	0.0001966	1.53039	SLC38A6	2.95E-05	1.55216
MICALL2	0.00039	-1.8367	LEPR	0.0832242	1.53045	TGFA	0.00301504	1.55218
C1orf135	0.00011	-1.83619	UQCC	0.00046167	1.53051	TBC1D9	1.68E-05	1.55235
S100A8	2.93E-06	-1.8361	C1orf79	0.00010886	1.53137	CCDC68	0.00822735	1.55259
SLC35B4	0.01711	-1.83525	M189-UBE2V1 /// UB	8.26E-06	1.53156	FBXO3	0.00392165	1.55308
KIAA0280	2.24E-06	-1.83287	C1orf96	0.0534944	1.53173	SEC22B	0.0001102	1.55353
BCL7A	0.00109	-1.83194	SAR1B	3.67E-06	1.53185	PPFIBP2	0.00028772	1.55449
CCNY	4.22E-07	-1.8317	IFRD1	0.00010984	1.53196	RRN3	0.00088705	1.55474
---	0.00015	-1.8315	CLIP1	0.0005714	1.53217	IRF7	6.69E-06	1.55476
ANKLE2	0.00046	-1.83115	IGFBP5	0.0574628	1.53225	CD58	8.33E-06	1.55488
SYNCRIP	6.81E-08	-1.83113	ATRIP /// TREX1	6.39E-06	1.53246	HEATR5A	0.00117623	1.55515
CKLF	4.53E-06	-1.83105	SAR1A	9.10E-06	1.53304	TMEM191A	4.82E-05	1.55578
DLEU2	1.16E-05	-1.83092	ZNF557	0.0126636	1.53318	MSI2	8.46E-06	1.55646
MCAM	9.20E-07	-1.83013	M1 /// CALM2 /// CA	1.36E-05	1.53397	TRAPPC5	1.55E-05	1.55691
GNPNAT1	1.83E-07	-1.82969	SUSD1	0.0219971	1.53433	BAX	1.55E-05	1.55773
PRPS2	1.70E-05	-1.8289	---	0.00028042	1.53468	TncRNA	0.00648333	1.55847
LSM5	3.53E-05	-1.82861	SELI	4.74E-06	1.53478	PRKD2	6.82E-06	1.55848
SLC29A1	0.00021	-1.82823	LPPR2	8.33E-05	1.53488	SHISA5	2.82E-06	1.55923
RIMS3	0.00449	-1.82762	ACTR8	0.00050404	1.53493	BACE2	0.00024853	1.55985
NRF1	0.00045	-1.82739	SCCPDH	1.35E-05	1.53563	SMURF1	0.00858857	1.56013
---	0.00024	-1.82738	VAMP5	0.0113656	1.53568	ARPC4 /// TTLL3	0.00286746	1.56151
CSK	6.89E-08	-1.82672	TRIM47	0.0183424	1.53573	---	0.00609445	1.56244
---	0.00172	-1.82641	BAT2D1	0.00029817	1.53578	TMC4	9.24E-07	1.56323
TWSG1	0.00274	-1.82627	C1orf102	0.00034042	1.53586	ING3	0.00774928	1.56345

MSRB2	5.13E-06	-1.8262	B4GALT4	0.00034934	1.53606	IDUA	1.29E-05	1.56368
---	1.24E-05	-1.82523	EPOR	0.00520758	1.53614	C1orf115	2.84E-05	1.56405
JARID2	3.12E-08	-1.82443	LOC653602	0.0119458	1.53641	EPOR	0.0312062	1.56414
CAPN2	1.29E-07	-1.82409	ABCD1	0.00279874	1.53767	AP4S1	0.00069707	1.56491
---	1.07E-05	-1.82406	HLA-A	3.55E-08	1.53865	KIF1B	0.00056524	1.56544
MCM4	1.89E-06	-1.82378	BNIP1	0.00047315	1.53886	BMPR2	0.00018157	1.56547
SLC46A3	0.00307	-1.8231	CEP170	0.00449424	1.53891	NUDT4 /// NUDT4P1	0.00047203	1.56548
C8orf44 /// SGK3	2.14E-05	-1.82191	LSS	0.0315597	1.53904	---	0.0250981	1.56575
GSTCD	0.00066	-1.82187	B3GNT2	4.43E-05	1.5391	KIAA0999	0.0034352	1.56596
---	0.01609	-1.82132	TBC1D8	7.29E-05	1.53913	C12orf57	3.02E-05	1.5662
---	0.00036	-1.821	LARP6	0.00014164	1.53917	BCL3	3.56E-07	1.56634
LHX2	0.00109	-1.81943	orf78 /// LOC1001339	0.00206423	1.53971	BAT2D1	4.84E-05	1.56699
PXDN	8.91E-07	-1.81938	TP53INP2	0.00010829	1.53976	QSOX1	5.38E-06	1.56706
BICD2	6.34E-06	-1.81922	CNNM1	0.166653	1.54054	LITAF	1.62E-06	1.56713
DONSON	4.50E-06	-1.81907	PPAP2B	0.00143695	1.54055	FGFR1OP2	0.00014992	1.56714
ABI2	1.52E-06	-1.81856	---	0.0424185	1.54055	C10orf47	0.00012428	1.56714
SLC44A2	2.85E-08	-1.81819	DLG3	0.00020895	1.54065	BNIP1	2.74E-05	1.56795
SHKBP1	1.93E-06	-1.81815	TMEM128	1.77E-05	1.54073	BTG3	7.58E-06	1.56841
HIP1	4.01E-06	-1.81756	PSD3	2.19E-05	1.54074	YRDC	7.34E-05	1.56845
CMTM3	0.00244	-1.81669	AGPAT9	0.00037848	1.54106	NCK2	1.64E-05	1.56848
FBXL10	5.17E-09	-1.81653	DPH3	7.85E-08	1.54111	MID2	9.80E-06	1.56891
GLUL	5.12E-07	-1.81598	NKRD23 /// ANKRD3	0.00181882	1.54142	FAM18B	9.63E-05	1.56913
GART	2.41E-06	-1.8157	FECH	0.00018668	1.54192	GATA6	0.00171731	1.56947
SRD5A1	2.00E-05	-1.81483	MALT1	0.00325979	1.54208	---	0.012702	1.56957
RNFT2	0.00018	-1.81449	UBE2W	0.00064454	1.54219	MTSS1	4.58E-05	1.56992
TTC17	0.00011	-1.81449	MAP3K8	0.00482192	1.5425	ATP6V0E2	2.54E-06	1.57036
MYO19	7.82E-06	-1.81441	TTC7B	0.00051003	1.54265	NAMPT	0.00019799	1.57038
LIN52	1.00E-06	-1.8142	CTNBL1	1.82E-05	1.54276	ZNF182 /// ZNF630	0.00061586	1.57069
ARPC1A	8.14E-09	-1.81374	LOC100130097	0.0271706	1.54294	TNS1	1.43E-06	1.57191
---	0.05797	-1.81373	ETV6	0.00016403	1.54335	ZNF770	1.63E-05	1.5722
ATPIA1	1.57E-09	-1.8137	PML	6.57E-05	1.54348	PML	6.83E-05	1.57223
PGD	9.02E-08	-1.81273	CEP170	0.00211868	1.54385	CTTN	3.88E-07	1.57224
GPBR	2.39E-08	-1.81252	ACOX3	0.00097713	1.54393	TWF1	0.1036	1.57243
RMI1	2.95E-07	-1.81248	KIF3A	0.00072786	1.54432	ENC1	0.00019066	1.57253
PABPC4L	0.00029	-1.81185	MAP2K1	2.85E-05	1.54456	DOCK8	0.029159	1.57267
---	1.22E-05	-1.81139	IDH3A	1.10E-06	1.54463	ATP6V0E1	0.00046938	1.57268
WDR1	0.00018	-1.81072	SRCAP	5.14E-07	1.54496	TMEM65	4.38E-06	1.57342
BAG1	0.00029	-1.8102	NPHP1	0.00045305	1.54509	CTSB	1.85E-07	1.57372
IAA0746 /// SERINC	0.00132	-1.8101	BMP4	9.25E-05	1.54559	BHLHB2	0.00280567	1.57396
DVL3	0.00052	-1.80997	HLA-J	0.00044774	1.54583	SEN2	1.73E-05	1.57426
---	0.00137	-1.80981	LOC100130536	0.00786245	1.54595	THEM4	0.00124226	1.5743
RFX5	2.02E-08	-1.80951	ALKBH7	3.73E-05	1.54615	SUCLG2	6.29E-05	1.57435
PAN2	1.85E-05	-1.80943	EXOC2	3.16E-05	1.54673	ETV6	0.00011999	1.57457
LOC643358 /// LOC7	0.00217	-1.80927	LOC441150	0.00341183	1.54687	MLX	7.28E-06	1.57463
SRD5A1	2.60E-08	-1.80906	GFM1	2.99E-05	1.5473	GDPD5	9.35E-05	1.57466
RICS	1.31E-05	-1.8089	SH3BGR13	5.84E-05	1.54731	HPSE	0.0247103	1.57558
LOC727738	0.03576	-1.80857	DCBLD1	2.36E-05	1.54738	HDHD3	1.61E-05	1.57569
ITPR3	3.85E-08	-1.80823	EID1	0.00012694	1.54789	HACE1	0.00760035	1.57663
STX6	1.46E-06	-1.80772	ORMDL3	0.00042357	1.54824	RXRA	0.00010356	1.57722

ARID2	0.00048	-1.8077	PDIA5	1.04E-06	1.54847	C100130633 /// ZMY	5.17E-06	1.57748
PPIF	3.92E-08	-1.8073	TRIM5	0.0006869	1.54931	KIAA0241	0.00015447	1.57754
ACSF2	3.30E-06	-1.80683	IMPA1	1.75E-06	1.54951	CDYL	1.11E-06	1.57758
NPHP3	0.00226	-1.80478	BMP7	5.62E-06	1.54995	TSC22D3	0.00092417	1.57793
PEMT	1.11E-06	-1.80449	CDYL	2.19E-06	1.55016	ZNHIT3	1.99E-06	1.57926
SMTN	8.06E-06	-1.80446	SMAD1	0.00243996	1.55039	ARPC4 /// TTLL3	6.34E-05	1.57968
INCENP	0.00047	-1.80407	C1orf55	0.00933272	1.55043	PACSIN1	0.0171387	1.57997
DKK1	1.18E-06	-1.80396	GBP2	2.01E-05	1.55047	LSS	0.0245976	1.58062
POM121 /// POM121C	1.78E-06	-1.80395	B3GNT4	0.00119457	1.55052	SHC4	0.00080513	1.58067
---	3.72E-05	-1.80394	C22orf9	0.071503	1.55101	APOO	7.51E-06	1.58136
SYNE2	0.00021	-1.80349	SUMO1	0.0388781	1.55116	ACBD4	0.0384257	1.58179
AGBL5	8.67E-05	-1.80304	DC100131612 /// MED	0.00397366	1.55127	SHANK2	0.0134388	1.58204
ANKRD5	0.0001	-1.80193	---	2.38E-05	1.55148	LOC100130506	0.00072723	1.58237
ZNF573	6.43E-05	-1.80189	ANKRD13C	0.0160813	1.55176	SLC35D2	3.15E-06	1.58252
PWWP2A	5.29E-05	-1.80101	MID1IP1	2.47E-05	1.55221	SOAT1	0.00250711	1.58257
CKLF	3.13E-07	-1.8009	GIYD2 /// SULT1A3 //	2.69E-05	1.55237	TWIST1	0.00106002	1.5829
IQCK	1.61E-06	-1.80041	TNFAIP3	3.07E-05	1.55241	IFI35	1.15E-06	1.58299
MAP4	2.64E-07	-1.79948	ZFYVE19	2.95E-06	1.55249	C9orf58	0.00015879	1.58421
C18orf54	0.00095	-1.79897	C1orf108	4.93E-07	1.55261	LIMA1	0.00035893	1.58469
SUV39H2	6.22E-07	-1.79886	ELL	0.037321	1.55287	PPIL4	0.00193323	1.58547
CLEC7A	3.86E-05	-1.79879	C3orf23	0.00105784	1.55297	CCDC126	0.00257025	1.5857
CCDC109B	3.89E-06	-1.79862	SCCPDH	7.21E-08	1.55333	C6orf52	0.00035748	1.58588
TMEM194	2.82E-08	-1.79829	ALG10	0.00133055	1.55342	PD5 /// RGPD6 /// RG	1.32E-05	1.58647
FAM120AOS	8.04E-05	-1.79819	FAM130A1	0.0008933	1.55358	FAM5B	0.02075	1.58648
PTMA	3.64E-06	-1.79793	ALKBH7	0.0005075	1.55407	MED14	0.0632227	1.58696
MCM8	0.00033	-1.79776	CGRRF1	9.78E-07	1.55412	ATP2A3	0.00955866	1.58703
APC	0.01818	-1.79768	TTC9	0.00034272	1.55432	C17orf91	0.00175478	1.58747
MET	4.12E-05	-1.79715	CDYL	1.43E-06	1.55452	---	1.46E-05	1.58758
PSMC3IP	2.16E-05	-1.79714	Gcom1 /// GRINL1A	2.68E-05	1.55484	ANXA7	8.88E-06	1.58849
MT1F	0.00012	-1.7971	CAPS	0.00475404	1.55515	---	5.07E-06	1.58879
LOC201725	0.0002	-1.79671	MLX	8.92E-06	1.55557	ATP2A3	0.0011632	1.58917
CA2	9.23E-08	-1.79668	LPGAT1	9.14E-05	1.55571	SCN1B	0.00030285	1.58924
MCM4	0.00016	-1.79595	FAM55C	2.53E-05	1.55583	ABCC3	0.00107291	1.58939
---	6.51E-07	-1.79592	YIF1B	0.00169034	1.55633	PHLDA3	0.00022004	1.58953
TRIOBP	0.0092	-1.79553	C6orf154	0.00045171	1.55672	NPNT	0.0225257	1.58978
IPP	9.30E-05	-1.7955	ITCH	0.00141842	1.55751	---	0.00690464	1.59008
TAF1B	8.91E-06	-1.79386	EPB41L5	2.71E-07	1.55763	C100131062 /// PTP4	0.0312315	1.59023
PAFAH1B3	1.90E-07	-1.79372	PUS10	0.00031667	1.55833	COL6A2	0.0171716	1.59025
LEPR	0.00262	-1.79299	HCCS	6.33E-06	1.55839	ONECUT2	0.00587401	1.59207
KIAA1333	2.12E-07	-1.79267	PDCD4	3.60E-06	1.55919	LACTB	0.00043549	1.59244
---	0.01896	-1.79238	---	4.68E-05	1.5592	FAH	0.00018636	1.59247
TMEM37	0.00125	-1.792	C15orf17	0.0109206	1.55927	ATP2A3	7.53E-06	1.5929
CORO1B	2.55E-06	-1.79157	PKD2	0.00085235	1.55964	GIYD2 /// SULT1A3 //	1.77E-05	1.59314
NAP1L1	0.00018	-1.79128	MTSS1	0.01414	1.55977	BNIP1	0.00097841	1.59327
---	7.08E-06	-1.79122	LMBR1L	8.74E-06	1.56031	TBC1D9	2.02E-07	1.59328
PYGO2	0.0062	-1.79111	MAP7D1	0.00022961	1.5606	DUSP2	2.23E-06	1.59333
GATAD2B	2.04E-05	-1.79067	CTNNB1	0.00109792	1.56109	BCAR1	1.50E-06	1.59374
---	0.00042	-1.79012	FOXD1	2.61E-06	1.56145	orf78 /// LOC1001335	0.00129242	1.59416
KIAA0141	1.96E-05	-1.78987	PPAP2A	0.00081267	1.56146	FLJ43663	0.0480121	1.59427



---	2.36E-05	-1.78986	// RGPLD5 /// RGPLD6 //	4.90E-06	1.56153	MAP6D1	0.00204181	1.59487
ARPP-19	6.02E-09	-1.78881	SLC8A1	4.54E-05	1.56175	IL15	0.0111411	1.59541
CREBZF	4.40E-05	-1.7884	---	0.0239371	1.56186	ISG15	1.72E-05	1.59545
PCBD2	0.00121	-1.78812	ITCH	0.00023236	1.56194	C1orf86	0.00039815	1.59573
---	0.00096	-1.78799	LMO2	0.00059586	1.56328	SPATA13	3.61E-06	1.59588
---	0.00023	-1.78789	EFCAB2	0.00065776	1.56346	ITCH	9.01E-05	1.5959
MAST2	1.97E-05	-1.78749	C8orf76	0.00011287	1.56459	---	4.20E-05	1.59596
PPIF	1.34E-08	-1.78596	MAPRE3	0.00554799	1.56472	ZFYVE19	1.86E-06	1.59605
ZMYM4	6.21E-09	-1.7853	SCD	9.47E-05	1.56576	SLC26A11	1.61E-06	1.59743
ALG2	9.95E-08	-1.78413	tcag7.1314	0.00435536	1.56607	CDC37L1	0.00160064	1.59767
---	5.30E-06	-1.78391	LOC286440	0.0011629	1.56717	C1orf124	0.0110108	1.59807
FBXO4	2.72E-05	-1.78358	BCCIP	0.00085925	1.56758	ATP6V0E1	0.00102126	1.59818
LRRFIP2	8.30E-06	-1.78262	NAPG	3.18E-05	1.5681	TNIK	0.00608407	1.59831
TRIM4	1.96E-07	-1.78213	REC8	0.00091728	1.5681	ALS2CR2	6.90E-06	1.59838
LOC90379	0.00044	-1.78209	CCR1	3.73E-07	1.56814	CNNM1	0.137079	1.59889
CENPN	5.46E-09	-1.78202	PDCD4	3.18E-07	1.56823	MAPK9	0.00018209	1.59889
ATP13A2	5.96E-07	-1.78192	LOC552889	0.00021936	1.56836	---	0.00432719	1.59963
PPP1R7	0.0003	-1.78175	TMEM117	5.21E-05	1.56838	CPT1A	0.00678326	1.59966
MPHOSPH9	1.10E-07	-1.78173	MTERFD2	3.24E-05	1.56842	CDC37L1	4.67E-06	1.59982
HIP1	1.10E-05	-1.78157	---	0.00281541	1.56847	---	0.00292176	1.59985
CENPF	7.97E-06	-1.78112	TMEM30A	2.30E-07	1.5691	NUCB2	0.00065189	1.5999
ELOVL2	6.25E-05	-1.7804	CEBPA	0.00070412	1.56956	SMAD3	3.99E-05	1.60089
MOCOS	5.58E-05	-1.78027	TRAFD1	7.98E-06	1.56984	C12orf23	2.56E-06	1.6012
TPM1	1.63E-08	-1.77997	---	0.0004325	1.57	TM9SF4	4.33E-05	1.60147
GOLM1	0.00195	-1.77995	NXN	0.00141397	1.57004	SLC25A20	0.0179595	1.60171
MTHFD1	0.00023	-1.77987	CA4	3.66E-06	1.5703	BCAP29	0.0001452	1.6019
TIMP3	0.02093	-1.77986	TMEM1	0.00166744	1.57035	JMJD3	5.57E-06	1.60219
ADH5	1.38E-08	-1.7791	---	0.010944	1.57064	FAM108C1	7.00E-05	1.60228
FLNB	1.73E-06	-1.77898	IMPAD1	2.72E-05	1.57066	---	1.77E-05	1.60231
PTP4A2	2.98E-06	-1.77789	RAPH1	0.0001391	1.57114	IER3IP1	0.00019087	1.60234
CMBL	1.06E-07	-1.7776	SPSB2	0.00181416	1.57144	SYNGR3	0.00025793	1.60317
ZNF432 /// ZNF614	2.09E-05	-1.77733	GADD45GIP1	3.87E-05	1.57145	BHLHB9	0.0124091	1.6041
PTER	0.00102	-1.77695	MGC4172	0.0475666	1.57154	NANOS1	2.45E-05	1.60535
EML1	0.00053	-1.77654	SLC8A1	0.00142486	1.57165	RASSF5	0.0681909	1.60548
MGC16169	5.00E-06	-1.77654	MOV10	0.00157139	1.57259	FAM130A1	1.10E-05	1.60629
ATP6V1A	1.18E-07	-1.77642	TP53I3	2.53E-05	1.57294	---	0.0127289	1.60658
NMB	8.52E-08	-1.77586	TRIB1	1.21E-06	1.57382	LMBRD1	1.52E-08	1.60659
PREX1	7.12E-08	-1.77584	ASF1A	2.03E-08	1.5741	NMI	2.97E-06	1.60718
USP1	9.64E-06	-1.77558	FGFR1OP2	0.00068516	1.57426	STAU2	2.55E-05	1.60723
SEMA4D	0.00012	-1.77545	MFAP3	5.16E-05	1.57452	PARP10	0.00737249	1.60736
EPHA6	0.00087	-1.77541	SEC22C	0.0102384	1.57515	CA4	2.47E-06	1.60866
EME1	9.75E-07	-1.77505	---	0.00859397	1.57537	MTERFD2	2.17E-05	1.60907
TPM1	3.12E-08	-1.77477	HSPA1A /// HSPA1B	3.43E-09	1.57574	TRIM14	1.41E-05	1.60922
GLCE	0.0003	-1.77447	BCAP29	0.00018541	1.5758	IL1RAP	0.0549805	1.60951
AIG1	3.88E-06	-1.77386	UBE2F	0.0024286	1.57673	---	0.00228956	1.60978
FA2H	1.62E-05	-1.77383	KIF5C	0.00014348	1.57678	C17orf28	0.00235041	1.61126
ASCL1	3.20E-06	-1.77362	LARP4	0.0438683	1.57718	ACOX1	0.00058296	1.61216
BCAP29	3.96E-05	-1.77303	NUP35	1.20E-07	1.57738	PPP1R3B	0.00025525	1.61223
LRRC16A	0.00087	-1.77292	GBAS	1.58E-07	1.57764	ZNF557	0.00725578	1.61226

ZDHHC21	0.00277	-1.77292	LSM10	2.30E-06	1.57898	---	4.37E-05	1.61256
VISA	1.26E-06	-1.77285	---	0.00125497	1.57921	ABCC4	0.0189467	1.61276
ASH2L	5.37E-08	-1.77277	---	0.00015773	1.57949	MFAP3	3.52E-05	1.61397
HADH	3.17E-07	-1.77269	AGA	7.41E-06	1.57962	FLJ13611	0.00047938	1.61538
TRAPPC3	5.25E-06	-1.77263	KIAA1618	0.00920327	1.57965	SENP2	1.02E-06	1.61558
MTMR12	1.33E-06	-1.77258	NMT1	1.08E-07	1.57968	DDIT4L	0.0207846	1.61652
KLF12	0.00387	-1.77243	ENC1	0.00017777	1.57985	DRD1	0.0119552	1.61673
SMARCA1	0.00035	-1.77225	TOR1A	3.00E-06	1.57985	RPS27L	1.27E-06	1.61683
RPS6KA3	0.00047	-1.77145	CYFIP2	2.52E-06	1.58045	OGFRL1	2.80E-05	1.61686
HDAC4	0.00222	-1.77134	PDXK	2.31E-06	1.58165	HRASLS3	9.13E-06	1.61717
FLJ44342	7.80E-05	-1.77124	GTPBP5	0.00029272	1.58176	GSTM3	0.00547423	1.61752
CNPY4	3.17E-06	-1.77109	TMEM188	0.00165421	1.58191	CDYL2	0.018205	1.61853
KIAA0152	1.88E-08	-1.77091	CFB	5.53E-06	1.58382	SULT1A2	2.97E-06	1.6196
PEX19	0.00183	-1.77042	RPAP3	4.80E-05	1.58411	PAPD5	0.0003353	1.62001
SDHALP1	8.45E-05	-1.7703	ONECUT2	0.0061875	1.58489	ABHD5	0.0021801	1.62056
COL4A6	0.02028	-1.7699	ARMCX5	1.25E-07	1.58508	FBXO44	0.00889981	1.62057
FIG4	4.80E-06	-1.76882	ING3	0.00661486	1.58515	Gcom1 /// GRINL1A	1.38E-05	1.62091
SCD5	3.11E-06	-1.76857	RTKN	0.00141687	1.58537	CCDC126	0.00014961	1.62178
KIF26A	7.04E-05	-1.7685	ZBTB10	0.00013005	1.58552	SOX2	6.80E-05	1.62209
LOC645323	0.00043	-1.76806	DC100128443 /// MAS	0.00042584	1.58554	P2RX2	0.0127232	1.62209
C15orf23	3.01E-07	-1.7679	SGPP2	0.00034364	1.58602	SNX6	2.16E-05	1.62229
---	0.00038	-1.76782	HPSE	0.0232185	1.58609	TncRNA	5.23E-05	1.62334
ZNF519	1.60E-05	-1.76685	C7orf42	3.27E-05	1.58629	TRPC1	0.00029615	1.62399
PALM	1.26E-05	-1.7666	PSD3	0.00697902	1.58724	HSD17B14	0.00194999	1.62456
ZNF311	0.00105	-1.7665	MANSC1	4.32E-05	1.58793	CXorf39	1.26E-06	1.62492
BSCL2 /// HNRNPUL	1.26E-09	-1.76625	DOCK9	0.00098987	1.5881	GBAS	9.69E-08	1.62496
TMEM68	0.00015	-1.76554	---	0.0184541	1.58918	SCCPDH	3.34E-08	1.62544
---	0.00025	-1.76501	BRPF3	0.0002365	1.58979	KIAA1984	0.0004682	1.62597
FKBP5	1.00E-06	-1.76451	ECH1	1.71E-05	1.58984	PRR17	0.00120727	1.62683
---	4.82E-05	-1.76442	ICAM1	7.74E-05	1.59019	KLF6	0.00074916	1.62685
CTNNBIP1	4.65E-06	-1.76412	FAAH2	0.0018348	1.59023	ZNFX1	3.64E-07	1.627
---	0.00493	-1.76367	IFI30 /// PIK3R2	9.98E-07	1.59052	KCTD21	3.58E-05	1.627
---	0.00014	-1.76337	MTERFD2	0.00093949	1.59052	---	0.0049977	1.62702
GALNT10	0.00101	-1.76331	TRAM1L1	0.0492597	1.59075	FLJ22167	0.00218403	1.62712
WDR52	0.00116	-1.76329	---	0.01334	1.59076	UBR1	0.00323159	1.62717
MGLL	1.29E-05	-1.76303	HLA-G	3.23E-06	1.59105	PDZRN3	0.0220253	1.62745
---	0.00311	-1.76292	SAMD8	0.00670676	1.59212	ST8SIA4	9.42E-05	1.62761
NFATC2IP	3.92E-05	-1.76277	RHOA	0.00032719	1.5923	MFSD8	2.86E-06	1.62838
PPP1R9A	5.46E-05	-1.76241	SEC23B	7.91E-05	1.59241	SAT1	3.18E-05	1.6289
KCNN4	0.0027	-1.76193	FST	1.96E-05	1.59247	M189-UBE2V1 /// UBE	2.98E-06	1.62901
SLC25A40	1.57E-06	-1.7617	N4BP2L2	0.0144354	1.59274	STCH	2.42E-05	1.62925
ITFG1	1.12E-06	-1.76168	NOL3	4.39E-06	1.59343	LHX2	0.00363115	1.63058
LOC100130415	0.01241	-1.76022	DDHD1	3.41E-06	1.59369	BSCL2 /// HNRNPUL	4.16E-09	1.63095
TMEM64	1.56E-05	-1.76003	SCD	4.45E-05	1.59377	FLJ39051	0.00032667	1.63218
NRARP	2.98E-05	-1.75993	C5orf41	0.00033283	1.59427	KIAA1377	0.014651	1.63279
LOC100129022	0.00026	-1.75964	GFM1	0.00010196	1.59433	PJA1	4.99E-06	1.6332
GOLGA7	3.75E-06	-1.75859	APOO	6.54E-06	1.59488	GLTSCR1	0.00022275	1.63349
---	3.98E-05	-1.75852	SNF1LK	6.77E-05	1.59515	NDUFA6	1.10E-07	1.63436
SULF2	5.67E-08	-1.75836	FLJ38379	0.0536394	1.59517	C7orf42	2.06E-05	1.63473

EVL	4.33E-08	-1.75824	CPD	0.0141715	1.59536	RRAS2	4.53E-07	1.63481
TTF2	8.07E-05	-1.75805	MRC2	0.00475913	1.5963	NSF	2.94E-06	1.63486
---	6.63E-06	-1.75748	TMEM39A	1.32E-06	1.59639	C19orf42	0.00131994	1.63512
C11orf60	4.40E-07	-1.75736	ALG2	5.19E-07	1.59708	PINK1	8.92E-05	1.63513
ZNF580	2.03E-06	-1.75701	MYCBP2	0.00012838	1.59767	PCTK2	0.00061126	1.63521
---	0.00023	-1.75592	CHPF	0.00020991	1.59767	MAP3K8	0.00235125	1.63549
NUP210	1.57E-06	-1.75564	CALU	1.58E-05	1.59774	ARPC1B	2.65E-07	1.63577
ATP6V1A	1.76E-05	-1.75542	BNIP1	2.03E-05	1.598	CFL2	0.00457839	1.63644
CC2D1A	0.06805	-1.75504	MED31	4.19E-06	1.59839	---	0.0103493	1.63645
RASA2	0.00405	-1.755	FLJ22167	0.00098454	1.59867	ASTN2	3.00E-05	1.63666
FLJ45244	0.00016	-1.75412	FAM130A1	1.19E-05	1.59876	ALKBH7	1.52E-05	1.63694
ID4	0.00242	-1.75384	REL	6.34E-05	1.59891	FAM13A1	0.0720778	1.63724
---	0.00182	-1.75363	RILPL2	3.39E-05	1.59949	SUMO1	0.0242664	1.63725
TBC1D5	0.00026	-1.75359	ATP11B	0.00472416	1.60055	ME1	2.81E-07	1.63731
UPK2	0.01387	-1.75358	B2M	5.67E-09	1.60121	CD59	0.00020804	1.63751
HES6	2.88E-05	-1.75326	ZFAND2A	9.69E-06	1.60203	MOBK1A	0.00180189	1.63753
GALNT6	1.24E-07	-1.75289	CDC37L1	4.56E-06	1.60223	KLF5	1.65E-05	1.63908
C6orf89	1.50E-05	-1.75277	TWSG1	0.0102619	1.60228	KIAA0256	0.00537164	1.63925
---	0.00146	-1.75274	MAN1A1	3.80E-05	1.60282	CHPF	0.00014515	1.6395
DMPK	6.40E-09	-1.75268	QDPR	7.73E-06	1.603	GFM1	6.75E-05	1.63968
---	0.00012	-1.75232	NAMPT	1.40E-05	1.60301	FLJ11151	6.43E-07	1.63989
---	1.20E-05	-1.75207	TMEM67	0.00128687	1.60301	SMARCD3	0.00159195	1.64011
ANXA2	2.93E-08	-1.75163	C10orf47	8.80E-05	1.60316	DYNLRB2	0.0169849	1.64054
SH3GLB1	1.10E-05	-1.75146	IKIP	0.00105919	1.60334	ABCC4	0.00011472	1.64068
WASF2	2.86E-06	-1.7513	UNC93B1	2.27E-05	1.60337	PDCD4	1.50E-07	1.64156
HERC2	9.76E-07	-1.75058	NAMPT	0.00014442	1.60399	ST8SIA4	0.00025144	1.64212
CCDC138	0.00329	-1.75027	PNKD	2.69E-06	1.60419	/// TRIM6 /// TRIM6	0.0663142	1.64238
BLCAP	4.27E-08	-1.74993	CALU	2.83E-05	1.60426	SRCAP	0.000132	1.6435
GNPTAB	3.67E-06	-1.74991	MTERFD2	4.03E-06	1.60478	DKFZP434B0335	6.90E-05	1.64365
LOC388969	9.80E-06	-1.74976	CENTA1	2.31E-06	1.6051	---	1.45E-06	1.64433
ZNF268	5.92E-06	-1.74951	ELOVL6	9.57E-05	1.60553	SPEG	0.0649315	1.64444
ALS2CR4	6.88E-06	-1.74904	BACE2	5.02E-05	1.60696	---	0.00012069	1.64466
---	1.57E-05	-1.74886	FRMD6	1.66E-06	1.6075	C20orf134	8.58E-05	1.64552
GARNL1	6.71E-05	-1.74872	PCYT2	0.00010369	1.60786	RHOBTB1	9.30E-05	1.64585
PYCARD	0.0001	-1.74872	LOX	0.0184805	1.60787	BCKDHB	0.00020467	1.64642
MGC57346	0.00096	-1.74754	ST8SIA4	7.52E-05	1.60826	XK	0.0208138	1.64659
ZNF828	0.00024	-1.747	ME2	0.00046446	1.6083	MGAT4A	0.00047573	1.64705
ARSD	6.47E-07	-1.7461	---	3.95E-05	1.60842	TCEA3	0.00115548	1.64734
---	2.87E-05	-1.74606	CAMK2N1	2.99E-05	1.60962	NME3	3.04E-06	1.64783
FOXRED2	5.98E-05	-1.74516	---	0.0055986	1.60987	IFITM1	3.64E-08	1.64794
LPP	1.07E-06	-1.74503	TRAFD1	0.00128531	1.61073	SENP5	8.45E-05	1.64804
METTL9	2.33E-07	-1.74501	INHA	2.42E-06	1.61141	ABHD7	0.00480663	1.64877
MAP3K1	0.01624	-1.74476	MTHFS /// ST20	5.97E-07	1.61143	MANSC1	2.43E-05	1.64935
LASS2	2.11E-10	-1.74456	LIPA	1.30E-08	1.61153	TTC7B	0.00019375	1.65033
ANXA4	9.78E-07	-1.74398	ZNF770	1.09E-05	1.61184	C22orf9	0.00030847	1.65061
CENTB2	4.80E-05	-1.74397	SLC5A3	3.21E-05	1.61195	SLC12A5	0.00010206	1.65062
---	6.56E-07	-1.74378	MTRF1	0.00170925	1.61205	MMP15	0.00668738	1.65091
CXXC5	8.66E-08	-1.74356	C5orf41	0.00116414	1.61315	FDXR	0.00037503	1.65091
GOLPH3L	1.57E-06	-1.74344	FAM62B	0.016357	1.61398	ZER1	0.00041578	1.65195

MTMR11	3.78E-05	-1.74332	BCAP29	0.00014051	1.61425	ACOX3	0.00038321	1.65212
C1orf77	4.81E-05	-1.74326	FAM110A	0.00076702	1.61436	AIFM2	0.00234192	1.65242
COCH	0.0024	-1.74279	KIF3A	0.0006034	1.61465	NAT1	1.02E-05	1.65258
RPL35A	0.00071	-1.74237	KIAA0241	0.00010894	1.61503	IRF2BP2	4.19E-05	1.65267
C19orf51	0.00537	-1.74232	SEC61A2	4.48E-05	1.6157	---	0.00417939	1.65273
CCDC21	8.58E-05	-1.74231	C12orf26	1.62E-05	1.61659	KIAA0500	0.00012833	1.65276
---	7.47E-07	-1.7422	LOC255783	4.96E-06	1.61672	C2orf15	0.00173889	1.65388
DNAL1	0.00109	-1.74203	ING1	7.88E-06	1.61718	PPFIA2	3.27E-07	1.65409
HMGB2	2.62E-07	-1.7417	FGF12	0.00081785	1.61748	FAM131A	6.89E-05	1.65472
---	4.90E-06	-1.7414	ZNF313	7.66E-07	1.61806	GFM1	2.04E-07	1.65486
---	0.00015	-1.74106	SOS1	7.10E-06	1.61858	EDN1	7.95E-06	1.65525
RAB11FIP3	3.37E-07	-1.74106	LRP12	0.00719264	1.6186	LOC100128501	0.00015185	1.65562
ZNF785	0.00988	-1.74075	C14orf83	0.00036134	1.61877	NR1H3	0.00097639	1.65563
RNUXA	0.00027	-1.74048	RHOV	5.99E-05	1.61878	PSME4	4.53E-05	1.65563
OXCT1	5.27E-05	-1.74022	ME1	3.36E-07	1.61909	---	0.00136255	1.65564
---	0.0008	-1.73907	CLMN	0.0001961	1.62073	SAMHD1	4.69E-05	1.65599
XPO6	2.50E-06	-1.73826	ELOVL6	6.98E-06	1.62305	ALKBH7	0.00020536	1.65664
---	2.35E-06	-1.73785	EXT2	6.31E-05	1.62309	BTBD14A	0.0109929	1.65697
SNRPA	1.52E-08	-1.73724	CORO7 /// Magmas	0.00016237	1.62312	PTCH1	0.00209366	1.6587
---	4.20E-06	-1.73717	FBXO3	0.00225107	1.62407	S1PR3	1.42E-06	1.65911
PCNA	2.77E-06	-1.73708	SNX25	0.00034369	1.62444	ANKRD6	0.0003573	1.65953
MAN2A1	8.65E-05	-1.73689	TPST2	0.00201752	1.62506	LIN7B	9.41E-06	1.65974
ZNF785	0.00055	-1.73684	ORAI2	0.00448481	1.62529	CENTA1	1.37E-06	1.6599
KCTD13	1.66E-05	-1.7367	CCR1	0.026492	1.62543	RNF213	1.11E-07	1.66013
FNTB	0.00298	-1.73657	---	0.00357358	1.62604	ARMCX5	5.91E-08	1.66046
LOC144871	9.09E-06	-1.73626	MED8	0.00035618	1.62746	LOC100130536	0.00345404	1.66064
CASP2	0.0049	-1.73621	BSCL2 /// HNRNPUL2	4.29E-09	1.62801	NOTCH1	0.00011437	1.66081
CDCA4	1.92E-08	-1.73602	JAG1	0.00010587	1.62832	LOC692247	8.46E-07	1.66131
PLA2G10	0.02186	-1.73537	CHD1	3.52E-06	1.62846	---	0.00370409	1.66234
---	5.26E-06	-1.73456	ENC1	0.0153306	1.6288	UBLCP1	0.0010486	1.66265
tcag7.1228	0.00035	-1.73453	CLEC2D	0.0452537	1.62946	ARPC4 /// TTL3	0.00021945	1.66282
TCHH	0.00245	-1.73433	C1orf108	9.50E-07	1.62981	FBXO3	0.00427054	1.66347
---	0.01079	-1.73389	ETNK1	0.00111773	1.6321	SMAD1	0.00098369	1.66419
---	5.12E-05	-1.73386	SEN2	8.62E-07	1.6323	CRTAP	0.00719338	1.66456
ARFIP1	2.62E-06	-1.73265	ENTPD4	7.76E-06	1.63261	SLC30A9	4.02E-06	1.6649
RAB40C	1.64E-05	-1.73175	MAPK9	0.00013336	1.6339	---	0.00982246	1.66509
NUCKS1	1.91E-08	-1.73163	DNAJA1	1.62E-08	1.63426	RANBP2	1.13E-05	1.66534
GTF3C1	1.11E-06	-1.73157	SERPINH1	1.66E-06	1.63443	PPP1R3C	3.45E-05	1.66534
NNT	1.26E-06	-1.73104	FUCA1	9.96E-07	1.6363	SALL2	0.00153531	1.6657
NY-SAR-48	0.00034	-1.73033	FKBP11	3.87E-07	1.63642	SLC23A2	0.0519465	1.66847
---	0.00024	-1.73019	S1PR3	1.75E-06	1.63691	BMP7	1.08E-06	1.66848
---	0.00067	-1.7298	SNX21	0.014619	1.63736	CIDEC	9.13E-06	1.66883
ZFYVE16	1.53E-06	-1.72944	SELK	5.81E-07	1.63737	HRBL	1.31E-05	1.66955
HELLS	1.64E-05	-1.72918	KIAA1432	0.00053218	1.63871	NQO1	5.16E-09	1.67006
ADAM15	0.00078	-1.72908	SLC35C1	0.0029545	1.63894	---	3.25E-06	1.67128
NEK2	0.00024	-1.72896	TCEA3	0.00123076	1.63902	SLCO4C1	0.0127718	1.67131
ARL3	4.51E-09	-1.72883	M189-UBE2V1 /// UB	3.19E-07	1.63906	TMED7	0.00700659	1.67136
---	6.45E-08	-1.72823	TXNDC15	2.17E-07	1.63932	EHBP1L1	0.0745081	1.67256
CA8	1.68E-05	-1.7282	ZDHC13	0.0001783	1.63961	SEC24A	1.76E-05	1.67347

PLXNA1	2.61E-06	-1.728	MRPS12	0.0001204	1.64012	ATP2A3	8.53E-06	1.67365
SPDEF	1.89E-06	-1.72792	---	0.00454884	1.64014	ZMAT3	0.00337607	1.67507
---	0.00687	-1.72785	CBR3	2.06E-05	1.64028	HERPUD1	3.59E-07	1.67525
TTC17	9.41E-06	-1.72782	LACTB	0.00028746	1.64087	FGFR1OP2	1.55E-05	1.6753
C6orf64	0.00797	-1.7266	ARMC8	0.00015639	1.64101	PKIA	4.36E-07	1.67624
SLC39A8	4.86E-07	-1.72638	B9D1	0.00549415	1.64318	USP53	0.00020639	1.67668
EML4	2.20E-07	-1.72632	N6AMT1	0.00883996	1.64318	NAAA	3.17E-06	1.67797
GLT8D3	0.00042	-1.72615	CENTA1	2.99E-05	1.64394	DNAJB9	1.50E-06	1.67824
SYT17	0.00103	-1.72548	GFM1	2.26E-07	1.644	RAPH1	5.31E-05	1.67854
---	1.55E-06	-1.72511	RPAP3	8.43E-06	1.64476	LARP6	3.85E-05	1.6793
GP1BB /// SEPT5	0.00051	-1.72479	C5orf41	0.0159707	1.64511	PDIA5	2.80E-07	1.67932
RNPA3 /// HNRNPA	0.00015	-1.72454	KIAA1539	1.73E-05	1.64551	IGFBP2	9.81E-10	1.67962
ALG10B	7.18E-05	-1.72432	FAM92A1	1.81E-05	1.64563	TMEM55A	0.00153229	1.67968
---	1.08E-05	-1.72388	---	0.00998436	1.64582	SLC4A11	0.00046941	1.68186
RECQL	4.62E-07	-1.72379	CPOX	2.51E-05	1.64703	PPP3CC	0.0204948	1.68217
ITPR3	0.0006	-1.72339	DKFZP434B0335	6.68E-05	1.64735	SLC45A4	0.00333312	1.68237
HP1BP3	0.00152	-1.72334	PPP3CC	0.0244897	1.64741	ENDOD1	0.0002031	1.68245
---	0.00052	-1.72295	YIPF6	2.55E-05	1.64769	LBA1	5.44E-06	1.68426
TMEM30B	1.32E-07	-1.72271	FAM118A	0.00785525	1.64786	BAG4	3.16E-10	1.68438
PGBD2	7.42E-06	-1.72261	MFSD8	2.38E-06	1.648	RIT1	2.91E-09	1.68492
FOSL2	2.35E-06	-1.7223	ARPC4 /// TTL3	0.00024638	1.64859	LOC388135	0.00029614	1.68494
HINT1	4.86E-06	-1.72148	ZNF579	0.00174501	1.64896	YIPF6	1.85E-05	1.68504
LOC728198 /// TAF9E	1.21E-06	-1.72143	GFM1	2.01E-08	1.6495	---	0.00069296	1.6855
---	0.00069	-1.72091	TRAK1	0.0191422	1.6495	SLC35A1	6.93E-08	1.68564
LRP8	2.07E-05	-1.72064	C20orf134	8.26E-05	1.64987	TSPAN1	0.00026768	1.68584
ESR1	0.00334	-1.72047	PGM3	3.25E-05	1.65157	CLU	0.00011453	1.6859
HNRNPH1	8.82E-05	-1.72045	BTG3	3.34E-06	1.65163	BIK	3.00E-05	1.68636
UNG	8.47E-07	-1.72019	---	2.23E-05	1.65181	PDCD4	1.04E-06	1.68642
FUS	8.38E-06	-1.71919	HDHD3	7.72E-06	1.65229	SCML1	5.53E-05	1.68664
SSFA2	0.00034	-1.71869	WIP1	7.46E-05	1.65282	KIF3A	0.00033928	1.68706
FAM115A	3.39E-06	-1.71854	ZNHIT3	9.60E-07	1.65299	PSD3	5.01E-06	1.68709
RBM47	9.04E-07	-1.71851	FLJ40142	0.00024487	1.65305	GPRC5C	8.55E-07	1.6883
DNAJC9	3.92E-08	-1.71828	ARFGAP3	2.14E-05	1.65318	EXOC6	0.00011432	1.68854
CRADD	1.89E-07	-1.71816	FLJ13611	0.00035007	1.65357	NFYA	0.00039263	1.68953
ZNF226	1.10E-05	-1.71748	CCDC68	0.00401446	1.65382	---	0.00015631	1.68957
FLJ38973	3.48E-06	-1.71733	SHROOM3	2.72E-05	1.65487	ZNF579	0.00130036	1.69031
LARP7	0.00317	-1.7173	CALU	5.43E-07	1.65501	ING1	8.40E-06	1.69034
---	0.00277	-1.71675	KIF13B	0.00250358	1.65589	F7	2.18E-05	1.6905
ZBTB7A	3.48E-06	-1.71672	GCNT1	9.59E-05	1.65615	NXN	0.00054121	1.69073
SMARCD2	3.82E-06	-1.71669	ID3	6.60E-08	1.65661	MUC5B	0.00378289	1.69247
CRYZL1	3.46E-05	-1.71604	SEC24A	2.02E-05	1.65718	C21orf57	2.88E-06	1.69315
H1FX	0.0002	-1.7158	C1orf78	0.00014159	1.6573	BMP7	1.39E-06	1.6932
BICD2	0.00017	-1.71565	---	1.06E-05	1.65731	LPPR2	6.60E-06	1.6934
JARID2	6.84E-07	-1.7151	NARF	2.36E-06	1.65732	MYCBP2	1.65E-06	1.69341
TSPAN4	0.00013	-1.71493	PRKD2	5.22E-06	1.65771	CCNDBP1	1.28E-07	1.69389
---	0.0009	-1.71465	STRN3	0.0516877	1.65785	M189-UBE2V1 /// UE	1.92E-07	1.69459
NUDT21	1.62E-07	-1.71456	SEC24A	4.29E-05	1.65842	TRABD	0.00121263	1.69462
VASP	7.26E-06	-1.71447	YRDC	3.15E-05	1.65947	MEIS2	0.00010158	1.69475
KLC3	0.00557	-1.71439	B3GAT3	0.00269488	1.65958	INTS6	0.00012089	1.6951

PTPLB	6.55E-07	-1.71428	ARPC1B	2.10E-07	1.6601	SAMHD1	0.00284657	1.69553
---	0.01424	-1.71418	CNNM4	4.34E-06	1.66028	CCDC57	3.47E-05	1.69579
PRMT2	1.85E-05	-1.71294	MYD88	3.26E-10	1.66046	HEY1	0.00016501	1.69604
MAP3K1	1.14E-07	-1.71257	HS6ST3	0.00020671	1.66087	FAM110A	0.00040273	1.697
OPRS1	0.00153	-1.71248	OGFR	5.68E-05	1.6617	S100A6	6.91E-06	1.69811
LRP10	0.0033	-1.71244	C19orf42	0.00108057	1.66175	SP100	2.30E-05	1.69828
C9orf46	1.12E-05	-1.71182	HLA-C	1.37E-09	1.6624	PSAT1	0.00087035	1.69887
ELMOD2	1.89E-06	-1.71099	LTB4DH	0.00017013	1.66381	SLC5A3	5.35E-08	1.69915
PAQR8	0.01438	-1.71098	OGFRL1	1.83E-05	1.66386	AGA	7.50E-06	1.70006
R3HDM1	3.33E-07	-1.71074	DMD	0.00020584	1.66408	BRMS1L	0.00265311	1.70013
SPDEF	4.20E-06	-1.71073	HUS1	1.69E-05	1.66453	NVL	6.05E-06	1.70053
POM121 /// POM121C	2.92E-07	-1.71064	UBLCP1	0.00103011	1.66506	ZNF467	2.48E-07	1.70146
PQLC3	6.91E-08	-1.70906	IDS	0.00809808	1.66734	FECH	4.41E-05	1.70168
ARL2BP	1.71E-06	-1.70868	WDR7	0.00545964	1.66779	TRAFD1	3.73E-06	1.70429
---	3.28E-05	-1.7082	HEXIM1	2.84E-06	1.66805	MAP3K5	9.73E-05	1.70431
ZNF473	0.00012	-1.70811	LOC388135	0.0003352	1.6689	PPAPDC1B	8.28E-06	1.70573
CREBBP	0.00202	-1.70798	ENDOD1	0.00022517	1.66934	SIPA1	1.72E-05	1.70694
---	0.02439	-1.70793	NIPA1	0.00027738	1.66935	EPOR	0.00139201	1.70795
MYO19	0.00625	-1.70775	AADACL1	0.00145457	1.6695	FLYWCH1	0.00356327	1.70805
MAD2L1	8.55E-06	-1.70755	HSPA1A /// HSPA1B	3.88E-05	1.66994	CPD	9.21E-05	1.70964
KIAA1333	9.59E-07	-1.70712	TNFRSF10B	0.00042606	1.67016	INHA	9.68E-07	1.71202
RAD51C	1.15E-08	-1.70681	SMURF1	0.00401453	1.67018	ABHD5	0.0016746	1.71256
---	2.92E-05	-1.70672	DNAJB9	0.00130687	1.67112	ATP8A1	0.00159349	1.71318
MAP3K6	0.00011	-1.70652	TNFRSF18	0.0226841	1.67137	GFM1	1.13E-08	1.71328
MCC	0.00555	-1.70639	TPST1	0.00020692	1.67159	NARF	1.45E-06	1.71348
CACNG4	1.81E-05	-1.70538	TMEM33	1.86E-05	1.67184	TSC22D3	6.72E-07	1.71375
TMED5	0.00041	-1.70502	BAG4	3.53E-10	1.67217	HSPA1A /// HSPA1B	8.90E-10	1.71443
SPATS2	0.01527	-1.70487	NQO1	5.22E-07	1.67238	FAM118A	0.00521	1.71573
MEX3C	9.48E-06	-1.70477	CCPG1	1.90E-05	1.67257	STAT1	2.02E-07	1.71586
---	3.83E-05	-1.70473	OSBPL9	1.96E-06	1.67426	TMEM132A	0.00087951	1.71591
COL4A5	0.00022	-1.70446	ASCC3	6.10E-05	1.67456	GLUD2	0.00316169	1.71615
FXVD3	5.14E-07	-1.70439	LOC283345	0.00083012	1.67565	STCH	4.95E-06	1.71668
CKAP2	7.54E-06	-1.70418	MT1X	6.12E-07	1.67574	LRP12	0.00384611	1.71719
VAV3	0.00066	-1.70397	SRCAP	0.00010099	1.67575	OSBPL9	1.35E-06	1.71829
CPNE2	4.55E-06	-1.70376	EXOC6	0.00012616	1.67616	288 /// LOC389833 ///	0.00069044	1.71857
HIPK1	0.01753	-1.70367	ST8SIA4	6.19E-05	1.67681	SMURF1	0.00107979	1.71875
KTELC1	2.61E-07	-1.70358	CHMP5	1.75E-06	1.67795	---	1.14E-06	1.71956
PTGER3	0.0609	-1.70356	ANKRD5	1.93E-05	1.67905	NAMPT	8.04E-05	1.7202
---	0.00134	-1.70246	LOC162993	1.41E-05	1.67973	TMEM140	0.00737708	1.72079
PAQR8	0.00383	-1.70186	---	0.00157118	1.68002	RORC	0.00094042	1.72142
---	0.0005	-1.70153	FECH	6.13E-09	1.68025	PRR15	5.46E-07	1.72188
KIAA1333	5.32E-06	-1.70065	MVD	0.00046184	1.68038	LPPR2	1.48E-05	1.72296
PHF15	3.99E-06	-1.70032	SRRD	1.87E-05	1.68099	H19	0.00049878	1.7246
LOC439911	0.00164	-1.70029	ST6GALNAC4	0.00024886	1.68276	SAT2	5.74E-07	1.72497
THOC2	8.44E-06	-1.70017	ARPC4 /// TTL3	0.00112233	1.68392	AXUD1	1.53E-05	1.72563
KIAA0746 /// SERINC	0.01503	-1.69908	3-Mar	0.00346134	1.6843	CHMP5	1.17E-06	1.72576
CDKN2C	0.00158	-1.6988	ISG20	3.01E-05	1.68477	SP110	0.00481382	1.72608
HMGB3	1.82E-08	-1.69874	IFNGR1	4.42E-07	1.68483	SNF1LK	2.19E-05	1.72632
NBN	1.37E-07	-1.69859	ISG20	2.14E-08	1.68533	ST8SIA4	2.74E-05	1.72786

ANAPC5	2.62E-05	-1.69851	ITGB5	7.34E-07	1.68539	---	0.00014744	1.7281
CCDC75	3.60E-05	-1.69828	SENP2	6.08E-06	1.68604	SEC24A	2.42E-05	1.72882
AREG /// LOC727738	4.62E-07	-1.69799	ST8SIA4	6.37E-05	1.68608	YRDC	3.35E-07	1.72971
LOC143381	1.02E-07	-1.69788	EID1	1.47E-06	1.68697	CPOX	1.26E-05	1.72982
---	0.00032	-1.69785	SLC23A2	0.0480782	1.68714	NDUFV3	0.00018173	1.72997
CBX3	7.64E-07	-1.69762	PACSIN1	0.00896034	1.68767	DYRK2	5.93E-05	1.73025
---	0.00231	-1.69725	DYRK2	8.22E-05	1.68812	TMEM30A	4.93E-08	1.73046
---	0.0039	-1.69709	B2M	0.0105976	1.68959	SLC12A2	4.90E-06	1.73068
CXXC5	2.68E-09	-1.69647	---	0.00494828	1.69007	C5orf41	0.00010966	1.73082
ANXA2	2.31E-07	-1.69611	SLC30A9	3.20E-06	1.69113	C7orf42	9.16E-06	1.73114
PRSS23	0.02247	-1.69604	NLRP1	0.00707714	1.69215	---	0.00096138	1.73164
TOX2	0.00101	-1.696	EPHX1	7.74E-07	1.69264	TRAMIL1	0.0254856	1.73171
DNM1	2.22E-07	-1.69536	SHISA5	7.61E-07	1.69412	MTERFD2	1.29E-06	1.73179
HPSE	0.01259	-1.69467	TMEM191A	1.32E-05	1.69559	EDN1	0.00617712	1.7341
---	0.00958	-1.6946	PMP22	6.53E-07	1.69658	SP100	4.45E-07	1.73442
LRRFIP2	1.63E-06	-1.69426	SYT12	0.00120966	1.69661	TAP1	6.96E-06	1.73504
SENP1	0.02281	-1.69354	---	1.71E-05	1.69662	ERLIN2	3.24E-05	1.73655
CDCA7L	1.17E-06	-1.69348	ARG2	0.00669827	1.69699	C12orf26	5.76E-06	1.7366
FLJ40125	0.00097	-1.69304	POLR3G	0.0297975	1.69728	KCTD6	8.79E-05	1.73697
LBR	1.20E-06	-1.69294	C14orf100	9.87E-07	1.69742	STBD1	0.00020268	1.73738
UBE3B	1.98E-06	-1.69282	CPD	0.0057904	1.69751	C15orf17	0.00010638	1.73916
ADNP	7.34E-07	-1.69271	LEPRE1	0.00028786	1.69764	S100A14	2.67E-07	1.73917
EFHC1	3.31E-07	-1.69219	RPS27L	0.00134566	1.69854	EID1	6.99E-05	1.73933
FNIP2	0.00316	-1.69198	PDLIM2	3.33E-05	1.69891	PRR5	0.0151421	1.74026
LOC100132884	0.00015	-1.69195	---	0.00246546	1.70017	KLF5	3.93E-06	1.74076
KCNJ3	0.0072	-1.69166	KITLG	4.94E-07	1.70133	NKRD23 /// ANKRD	0.00037895	1.74086
NAB1	0.01355	-1.6914	METTL7B	0.00193462	1.70253	LOC283345	0.00052203	1.74156
NPY1R	1.26E-06	-1.69118	SLC2A6	1.76E-06	1.703	LOC100131989	0.0232806	1.74201
HNRNPA3	7.81E-06	-1.69081	// MICA /// MICB /// X	1.00E-08	1.70326	BPGM	3.43E-05	1.74216
---	0.00103	-1.69057	B3GNT2	0.00016804	1.70329	SHROOM3	1.33E-05	1.74233
---	0.00052	-1.68955	TLE2	4.77E-06	1.70371	VAMP4	0.00033042	1.744
BCL2L12	1.05E-06	-1.68943	BAG1	0.00059231	1.70385	CHD1	9.51E-07	1.74437
NUDT21	7.00E-05	-1.68931	HEXIM2	0.00205229	1.70415	CCPG1	0.00411254	1.74565
SPTLC2	0.00016	-1.68929	PCTK2	0.00035429	1.70641	---	0.00010436	1.7458
C20orf142	5.93E-05	-1.68902	C17orf39	0.00039906	1.70694	---	5.89E-05	1.74765
RAB3IP	0.0119	-1.68873	---	0.00770336	1.70723	MLF1	0.00062736	1.74786
---	0.00315	-1.68862	SCO2	6.76E-05	1.70794	CNP	6.46E-06	1.74801
PRKRIR	2.73E-07	-1.68831	INSIG2	4.82E-06	1.70822	LOC440957	0.00012316	1.74833
UQCRC2	0.00012	-1.68825	KIAA1429	0.00826424	1.70916	ATP11B	0.0017552	1.74842
INTS7	2.29E-06	-1.68783	HEXIM1	5.54E-06	1.7095	GRIK2	0.0174335	1.74921
MPP2	0.016	-1.68767	PSME1	4.23E-06	1.71012	SULT1A2	6.42E-07	1.74969
KIAA1333	2.67E-05	-1.68744	MT1X	1.47E-06	1.71072	C14orf100	6.42E-07	1.74981
WFS1	5.77E-06	-1.68708	IFITM2	1.02E-08	1.71115	ASNS	9.29E-07	1.75016
TMCO6	0.00055	-1.68673	RRAS2	1.75E-06	1.7123	UBE2L6	1.94E-07	1.75034
---	0.00035	-1.68658	AGA	6.77E-06	1.71248	---	0.00742453	1.75103
---	0.00215	-1.68631	OSBPL6	0.0195022	1.71252	IGFBP5	1.08E-06	1.75155
EFCAB7	0.00054	-1.68578	STEAP3	0.0028172	1.71286	PPP1R3B	0.00017436	1.75379
CDH26	0.00191	-1.68576	ITCH	3.28E-05	1.71318	FAM62B	0.00745925	1.75407
ANXA2	6.14E-07	-1.68572	C2orf15	0.00114398	1.71392	TBX3	0.00369618	1.75407

---	0.00681	-1.68454	SLC25A12	0.00364637	1.71423	IRF9	1.00E-08	1.75471
HSBP1	4.72E-08	-1.68448	CARS	0.00155899	1.71441	STAT1	1.07E-06	1.75491
---	9.40E-05	-1.68441	C1orf108	8.52E-06	1.71528	---	0.00019703	1.75493
H2AFV	6.18E-08	-1.68424	RAB27B	4.26E-07	1.71569	ITPR2	0.00093773	1.75531
DNMT3B	5.35E-06	-1.68412	ANXA7	2.77E-06	1.71653	CMTM8	6.85E-05	1.75567
---	1.64E-05	-1.68402	MAP3K5	8.75E-05	1.7182	C18orf1	0.00559663	1.7566
NFIC	0.00029	-1.68399	GPR143	4.45E-05	1.71862	RPS6KA5	0.00016484	1.75688
ARL13B	0.00059	-1.6839	FST	0.00012832	1.71879	CCL5	0.00092935	1.75734
CHAF1A	0.00011	-1.68351	LGALS8	1.44E-05	1.71992	FAAH2	0.00053609	1.75875
ARF3	3.59E-06	-1.68323	---	8.80E-05	1.72013	JAG1	3.68E-05	1.76058
---	0.00201	-1.68311	KLF5	4.62E-06	1.7204	SERPINA3	6.47E-07	1.7606
ZNF551	5.44E-05	-1.68298	MSI2	6.49E-05	1.72197	LOC145837	0.00023813	1.76241
RAB11A	1.11E-05	-1.68288	---	2.32E-05	1.72203	ARL4C	0.00195791	1.76277
AAK1	0.00121	-1.68249	GFPT2	0.00047933	1.72207	KIAA1429	0.00615624	1.76324
---	0.00274	-1.68222	ARPC4 /// TTL3	1.80E-05	1.72273	GFPT2	0.00036025	1.76394
I00134366 /// PLGLA	0.01243	-1.68218	TMEM132A	0.00083914	1.72283	3-Mar	0.0020932	1.76584
XPO6	0.00014	-1.68136	PSME4	2.61E-05	1.72288	CXorf56	1.08E-05	1.76602
C7orf11	7.08E-06	-1.68065	POLR3H	5.18E-06	1.7234	TMEM30A	1.26E-05	1.76888
NESPAS	0.00104	-1.68053	LGALS8	1.24E-07	1.72465	ANKRD5	9.45E-06	1.7693
SAMD1	7.97E-05	-1.68027	LOC161527 /// PML	0.00045566	1.72652	SLC6A8	0.00013208	1.77032
FBXO7	2.52E-08	-1.68017	JAG1	4.75E-05	1.72681	IGFBP5	0.00029279	1.77387
EHBP1L1	2.97E-05	-1.67975	ARRB1	0.00031901	1.72738	HEXIM1	3.32E-06	1.77513
---	6.79E-06	-1.67965	ONECUT2	0.00010457	1.72746	RNF213	0.00080201	1.77556
RANBP17	0.00019	-1.67957	/// DNAH14 /// RP11-	5.03E-05	1.72891	SOX9	0.00247057	1.77625
---	0.00226	-1.67957	TRPC1	7.58E-05	1.72949	HSPA1A /// HSPA1B	1.68E-05	1.77732
C16orf44	5.25E-06	-1.67893	HLA-C	8.43E-09	1.73035	FECH	2.71E-09	1.77756
MAPK3	0.00016	-1.67888	BRMS1L	0.00218609	1.73074	FKBP11	3.12E-08	1.77758
CTSD	1.22E-06	-1.67881	ISCU	8.26E-10	1.73115	FFAR2	0.00141429	1.77793
ZNF398	2.56E-06	-1.67842	LARP2	9.43E-06	1.73115	NQO1	2.68E-10	1.77921
ZNF559	0.01013	-1.67838	IFNGR1	0.00028381	1.73136	---	0.0012055	1.77955
DDEF2	2.46E-08	-1.67812	BATF2	0.00199922	1.73348	SCCPDH	1.45E-06	1.78053
TCEA3	0.00092	-1.67773	EHD3	0.00030981	1.7346	IFITM1	5.98E-06	1.78246
---	0.00801	-1.67771	OGFR	8.47E-05	1.73478	---	0.00098051	1.78261
RHOC	0.0066	-1.67764	SYNGR3	8.83E-05	1.73542	BMPR2	2.43E-07	1.7838
MAFB	4.94E-07	-1.67742	OTUB2	0.0340415	1.73573	RDH11	4.61E-08	1.7879
TMEM201	0.00197	-1.67721	LHPP	0.00175986	1.73752	PSTK	0.0260891	1.78848
SLC39A8	5.60E-06	-1.67694	CXorf56	1.33E-05	1.73769	LIMA1	0.0440195	1.78878
M1 /// CALM2 /// CA	8.26E-06	-1.67673	PTCH1	0.00122728	1.73794	PPM1K	2.70E-06	1.78896
SSU72	0.00534	-1.67555	HRBL	7.44E-06	1.73819	PDCD4	5.34E-07	1.78996
ZC3H6	0.00059	-1.67553	RRN3	0.00019904	1.73964	HS6ST3	7.90E-05	1.79082
KLHDC4	0.00137	-1.67529	---	1.03E-06	1.74014	CTSC	0.00127994	1.79145
ZNF148	4.88E-05	-1.67518	NFYA	0.00027153	1.74056	MMP16	0.0219793	1.79238
DLG3	0.00012	-1.67484	MAGOHB	0.00022589	1.74141	ANKRD5	0.00010873	1.79468
FLJ22222	0.00015	-1.67474	CXorf39	4.45E-07	1.7436	ISCU	4.96E-10	1.79519
PLEKHA6	0.00011	-1.67468	OC100133916 /// MED	0.0016284	1.74419	CFB	8.83E-07	1.79523
PRDM6	4.31E-06	-1.67452	PAK6	0.00077339	1.74478	BTG3	0.00021672	1.79525
---	1.43E-06	-1.67423	PSME2	3.93E-07	1.74646	HEXIM2	0.00116161	1.79579
LOC402778	2.22E-05	-1.67405	KLHL7	0.00129516	1.74658	TMEM117	7.57E-06	1.79583
HFE	0.00152	-1.674	DNAJC15	2.02E-07	1.74702	NRBP1	4.94E-08	1.79648



ARCN1	2.03E-06	-1.67396	PPAP2C	5.15E-07	1.74767	---	0.00088562	1.79669
THOP1	0.00662	-1.67362	KCTD6	8.12E-05	1.74775	MAOA	0.00014881	1.79732
H2AFX	5.45E-07	-1.67358	ANKRD5	0.00014912	1.74867	OXTR	0.0102519	1.79757
ZNF148	0.00228	-1.67349	PSTK	0.030661	1.74916	LMF1	0.0025918	1.7987
NRSN2	0.00408	-1.67315	MMP9	0.00114294	1.74936	RABGAP1L	0.00648139	1.79879
WEE1	2.01E-06	-1.67284	RDX	4.95E-09	1.74965	PPAP2B	0.00031467	1.79909
DAK	4.32E-05	-1.6725	---	4.10E-05	1.75447	PMM1	0.00209849	1.79941
NAP1L1	0.00037	-1.67216	BIK	1.75E-05	1.75494	GOLT1A	1.53E-05	1.80202
S1PR5	0.0015	-1.67208	STCH	8.50E-06	1.75497	LPIN1	3.86E-06	1.80215
---	0.00043	-1.67194	---	1.25E-08	1.75528	AP8 /// LOC553158 //	2.72E-09	1.80249
LOC728198 /// TAF9E	0.00034	-1.67151	JMJD6	0.00023582	1.75547	---	0.00131617	1.80258
SIAE	3.13E-05	-1.67051	FSD1	1.39E-06	1.75577	---	0.00024021	1.80312
---	1.16E-05	-1.67021	CIDEC	4.45E-06	1.75715	MOBKL2A	3.72E-05	1.80554
SLC16A14	0.00727	-1.66977	---	0.00599772	1.75721	ONECUT2	6.03E-05	1.80564
---	0.00117	-1.66959	SLIT1	0.00021266	1.75917	UHRF1BP1L	7.45E-05	1.80583
ZNF418	0.0028	-1.66937	PDCD4	6.71E-07	1.7599	KIAA1539	4.78E-06	1.80761
PLEKHG2	1.95E-05	-1.66933	FBXO2	9.83E-06	1.7628	F2RL1	0.0006185	1.80842
KATNB1	0.01464	-1.66878	MLF1	0.00056674	1.76337	LARP4	0.0144986	1.80847
---	0.01103	-1.66874	CCL2	0.00489255	1.7651	---	0.00265716	1.80893
GNA12	2.80E-07	-1.66851	SEN5	3.35E-05	1.76562	SLC5A3	6.40E-06	1.81111
LEPR	0.00111	-1.66837	ABC9	0.00012838	1.76599	FBXO3	1.86E-06	1.812
TMEM137	0.00028	-1.66824	PHLDA2	9.12E-09	1.76613	WWP1	0.00044968	1.81214
---	0.00038	-1.66741	FAM80A	4.67E-05	1.76763	SP110	4.40E-08	1.81268
---	2.39E-06	-1.66723	EDN1	0.0051214	1.76835	SPAG1	5.23E-05	1.81292
MPZL1	0.00029	-1.66711	NRBP1	6.01E-08	1.77069	GRAMD3	5.10E-06	1.81385
CTDSPL2	0.00051	-1.66708	RIT1	1.39E-09	1.77361	CHRD	0.00214111	1.81485
---	0.01154	-1.66707	SYT1	1.29E-05	1.77451	BAT2D1	9.52E-05	1.81492
QSER1	0.00447	-1.66649	FXR1	1.81E-06	1.77589	SP110	9.08E-08	1.81533
---	0.00038	-1.66619	DNAJA1	1.08E-06	1.77707	EID1	1.35E-05	1.81563
---	4.70E-05	-1.66616	---	1.31E-06	1.78351	ST8SIA4	2.43E-05	1.81694
SAFB2	1.14E-05	-1.66595	---	0.00096253	1.78369	GDPD1	0.012053	1.81922
PPP1R3D	2.29E-05	-1.66564	PRR15	3.34E-07	1.78443	FXR1	1.32E-06	1.81944
PACS2	9.80E-07	-1.66547	RANGRF	0.00026857	1.78575	IRF1	1.73E-06	1.81975
DOCK6	3.50E-05	-1.66539	TNFRSF10B	0.00035761	1.78592	TRAFD1	9.26E-07	1.82006
---	0.00734	-1.66524	PPAPDC1B	4.38E-06	1.78809	TMEM68	0.00010325	1.82073
NCOA1	0.00043	-1.66488	MOBKL2A	4.19E-05	1.78816	EID1	5.14E-07	1.82096
ZNF718	0.00015	-1.66442	BNIP1	0.00022894	1.7887	GCNT1	2.78E-05	1.82155
ATAD2	0.0002	-1.66438	---	4.78E-05	1.78905	HS6ST2	0.0237239	1.82183
VRK3	2.13E-05	-1.66432	OSMR	2.48E-05	1.78965	PAQR5	0.072926	1.82371
FUBP3	0.00021	-1.66405	MEIS2	5.00E-05	1.79136	C12orf5	3.48E-05	1.82463
ZXDC	2.68E-05	-1.66362	P2RX2	0.0048723	1.79166	AADAACL1	0.00052787	1.82529
RAD51L1	0.00087	-1.66275	TNF	0.00013686	1.79177	CCPG1	5.90E-06	1.82574
---	8.05E-05	-1.6627	DNAJC12	1.32E-07	1.79224	CTNNB1	0.00015061	1.82584
C6orf89	1.12E-06	-1.66259	LIN7B	3.25E-06	1.79246	CYFIP2	3.06E-07	1.82603
PPP1R3D	0.00225	-1.66244	SSH1	0.0005663	1.79253	SYT12	0.00052768	1.82638
RSBN1	1.76E-05	-1.66233	LOC100130506	0.00014595	1.79287	PNKD	4.12E-07	1.82849
PCOLCE	0.00015	-1.6613	PLAUR	0.00145063	1.79323	GAD1	0.00088754	1.82852
DPYD	0.02829	-1.66115	GOLT1A	1.63E-05	1.79327	KDEL3	3.52E-07	1.82935
MUM1	0.0004	-1.66081	SULT1A1	1.02E-05	1.79365	PPAP2C	2.77E-07	1.83079

PPA2	4.06E-09	-1.66025	SSBP2	2.34E-06	1.794	LPIN1	1.90E-05	1.8309
---	0.0082	-1.66007	LRRC23	0.00017788	1.79433	C6orf1	1.47E-06	1.83094
PXDN	3.13E-05	-1.65972	CHMP5	0.00123743	1.79502	SHC4	0.0240358	1.83141
---	0.00288	-1.65964	PVRL2	0.00037536	1.7967	RHO	5.26E-05	1.832
---	2.29E-07	-1.65952	SLC16A9	5.61E-05	1.797	SLC7A11	2.89E-05	1.83219
TUBD1	9.25E-08	-1.65894	SLC35C1	3.02E-06	1.79917	PLEKHH2	0.00013822	1.83507
---	4.66E-05	-1.65859	TMEM135	4.95E-06	1.80179	---	3.21E-06	1.83765
---	0.00486	-1.65842	TNFRSF10A	0.00059744	1.8026	SULT1A1	7.43E-06	1.83931
ERC1	0.00019	-1.65816	PIB5PA	0.00040603	1.80265	LOC126075	0.00391251	1.83962
MGC4172	0.03088	-1.65808	KLHL7	1.68E-06	1.80285	TRAFD1	0.00026061	1.84044
RECQL	0.00092	-1.65764	VAMP4	0.00022136	1.80439	PLA2G10	0.0137643	1.84066
SYNE2	5.75E-05	-1.65727	PVRL2	1.69E-07	1.80571	FZD8	0.0397643	1.84089
SLC25A15	6.64E-05	-1.65631	INTS6	5.43E-05	1.80588	LOC100130097	0.00526406	1.84101
PPIB	9.46E-09	-1.65611	FAM131A	2.17E-05	1.8059	NBEA	1.67E-06	1.84142
---	0.01098	-1.65604	CTHRC1	0.00010895	1.80642	SSBP2	1.66E-06	1.84243
C20orf121	1.05E-05	-1.65595	ELF5	0.00079109	1.80652	LOC285074	0.00012764	1.84271
TMEM30A	0.00022	-1.65575	FAM107B	7.20E-08	1.80703	ANKRD6	1.35E-05	1.84301
---	1.25E-05	-1.65574	---	3.94E-06	1.80834	SLC41A1	1.05E-05	1.84414
FRMD4A	4.02E-05	-1.65568	KIAA1539	1.54E-06	1.80912	CLMN	3.66E-05	1.84532
MOBK1B	7.95E-05	-1.65536	GPR180	0.00014734	1.80916	PSD3	1.59E-06	1.84627
BICD2	8.39E-07	-1.65533	SLC45A4	0.00154232	1.80947	AP8 /// LOC553158 //	4.25E-07	1.84757
DAP	9.45E-06	-1.65522	LOC339984	0.00064518	1.81089	ENTPD4	1.40E-06	1.8484
NBL1	4.33E-06	-1.65483	PCSK6	0.00016528	1.81187	IFI30 /// PIK3R2	1.13E-07	1.84886
KIAA0280	2.11E-06	-1.65463	ZBTB10	0.000601	1.81372	EML2	0.0010896	1.8503
---	3.77E-05	-1.65421	BHLHB2	0.00052339	1.8141	CLN5	0.00158568	1.85065
---	6.52E-07	-1.65418	YRDC	1.74E-07	1.81499	PIR	2.73E-07	1.85117
MYEF2	0.00015	-1.65385	KIAA1429	0.0025795	1.81786	EHD3	0.00014413	1.85193
RREB1	0.00385	-1.65353	MTF2	1.16E-05	1.81796	FGFR4	0.00672791	1.8529
---	0.01026	-1.65269	NDUFA6	2.33E-08	1.81981	ZBTB10	0.00047335	1.85448
MLLT4	1.23E-06	-1.65235	AXUD1	7.62E-06	1.82046	RRAS2	6.02E-07	1.85546
---	5.93E-05	-1.65229	NUCB2	6.89E-05	1.82163	ARHGAP18	0.00490889	1.85696
C10orf6	6.14E-06	-1.65206	---	0.00108478	1.8266	ABC9	7.03E-05	1.85815
MYB	2.12E-07	-1.65206	ST3GAL5	1.66E-07	1.82662	LOC145837	0.00077348	1.8586
TMEM48	2.47E-05	-1.65187	TRPC1	6.58E-05	1.8267	DHRX	0.00076952	1.85964
IPO9	1.15E-07	-1.65184	---	0.0207539	1.82671	TPST2	0.00042979	1.86087
---	1.66E-05	-1.65137	QPRT	1.93E-07	1.82692	---	5.62E-09	1.86413
PTPRF	2.33E-07	-1.65118	SYT1	2.67E-06	1.82906	SHROOM3	1.40E-06	1.86523
BDH2	9.64E-06	-1.651	A-C /// MICA /// MIC	8.07E-07	1.82944	ELL2	5.68E-05	1.86631
---	0.01164	-1.65063	PSTPIP2	0.00174208	1.83125	RAB27B	0.00270114	1.86783
UBE2J1	7.15E-07	-1.65063	TMEM68	9.53E-05	1.83325	GGPS1	0.00047286	1.86832
---	0.00579	-1.65034	SLCO4C1	0.00546618	1.8343	TGFBR2	1.24E-06	1.8694
---	2.44E-05	-1.65028	NAMPT	3.61E-05	1.83444	FAS	0.00342418	1.86996
SLC25A19	0.00707	-1.6502	RAB11FIP1	5.05E-05	1.83472	SNX8	6.50E-07	1.87144
PLEKHG2	1.36E-05	-1.65007	SLC6A8	8.62E-05	1.83495	PIGL	0.00048652	1.87185
ITGB4	6.60E-09	-1.64958	PRKD2	6.19E-07	1.83671	RPS27L	0.00046111	1.87189
WDR67	1.75E-05	-1.64936	IRF9	5.36E-09	1.83774	QPRT	1.42E-07	1.87204
HHLA3	1.11E-05	-1.64931	HLA-C	3.10E-08	1.8386	CHMP5	0.00079896	1.87255
HNRNPA2B1	8.41E-08	-1.64928	COQ10A	0.00022025	1.8393	C1orf78	2.99E-05	1.87503
C3orf23	0.00055	-1.64904	HDX	8.97E-08	1.8404	LOC374443	9.19E-06	1.87628

SPEN	0.00587	-1.64891	CNP	3.32E-06	1.84071	PPAP2B	0.00397596	1.87771
LYK5	2.58E-07	-1.64888	GDPD1	0.0109576	1.84082	NRP1	9.27E-06	1.8782
LOC90379	0.00044	-1.64888	FAM84A	3.90E-06	1.84087	PLSCR1	5.02E-06	1.87847
KIAA1333	1.94E-05	-1.64865	ING1	1.34E-06	1.84382	PCDH19	2.21E-07	1.87852
---	0.00066	-1.64828	LTB	7.78E-05	1.84407	---	1.20E-06	1.87869
SFXN1	0.00068	-1.64808	EPOR	0.00727001	1.84527	PITX1	6.37E-05	1.87942
ASCL1	1.59E-08	-1.64737	SLC16A3	4.83E-07	1.84647	ZNF804A	2.98E-05	1.87951
LOC144871	0.00163	-1.64719	FFAR2	0.00095011	1.847	NQO1	1.05E-07	1.88109
tcag7.1177	0.00035	-1.64716	ING1	2.58E-06	1.84757	CARS	0.00056973	1.88266
NAT1	1.07E-05	-1.64713	OGFR	1.40E-06	1.85047	MAN1A1	5.19E-05	1.88518
EHBP1	0.00047	-1.64621	562 /// SLC6A10P /// 5	0.00019065	1.85162	SNRPC	1.52E-06	1.88616
CBX6 /// NPTXR	0.00056	-1.64596	DNAJC16	0.0002098	1.85202	KIAA1539	9.12E-07	1.88671
CDV3	6.47E-06	-1.64584	LOC285074	0.00011963	1.85327	LAMB1	4.27E-05	1.88742
TRIM73 /// TRIM74	0.01277	-1.64564	MYCBP2	4.88E-07	1.85391	SLC16A3	3.58E-07	1.89191
TUBG1	3.22E-08	-1.64555	---	1.03E-06	1.85397	---	0.00397628	1.89348
OSGEPL1	0.0011	-1.6453	CMTM8	3.52E-05	1.85456	SFXN1	3.59E-05	1.89439
TCEA2	1.20E-07	-1.64469	SULT1A1	3.50E-06	1.85514	KDEL3	8.04E-06	1.89459
ICAM3	8.03E-06	-1.64441	BACE2	2.41E-05	1.85622	AQP3	3.00E-06	1.89572
DOLPP1	5.67E-06	-1.6443	STBD1	9.21E-05	1.85683	PRIC285	0.0145206	1.89576
CASP8AP2	1.76E-06	-1.64356	DHRS2	2.69E-07	1.85742	PCTK2	7.83E-06	1.89633
ZAK	0.00059	-1.64347	TRABD	0.00043087	1.85915	SLC1A1	2.10E-07	1.89784
---	0.00242	-1.64345	HS6ST2	0.00215458	1.85955	LMO3	0.00108427	1.89879
ZNF37A	3.25E-05	-1.64331	SOX9	0.00155808	1.86028	LGALS8	4.05E-06	1.90067
PDK2	1.54E-05	-1.64327	EML2	0.00102397	1.86172	NRP1	5.57E-06	1.90081
---	0.0001	-1.64313	C2orf37	0.0192152	1.8622	TMTC3	1.27E-08	1.9037
SGCE	0.00078	-1.64258	WWOX	4.10E-05	1.86475	ARFGAP3	3.33E-06	1.90626
IL10RB	0.00014	-1.6424	CHST12	1.13E-06	1.86504	SP3	1.26E-08	1.9084
CBX7	0.00012	-1.64195	PRNP	0.00018796	1.86554	IGFBP5	0.00992095	1.90967
PIR	1.45E-06	-1.64183	MFAP3L	0.00532816	1.86648	MSI2	1.84E-05	1.90982
ENSA	2.16E-08	-1.64179	SOX2	1.06E-05	1.86719	---	0.00011868	1.91203
PDZRN3	0.02037	-1.64178	BTG3	0.00013774	1.8683	GPATCH2	5.13E-05	1.9139
SGK3	7.05E-07	-1.64174	FLYWCH1	0.00143024	1.86869	562 /// SLC6A10P ///	0.00013108	1.91639
NUP50	3.34E-06	-1.64167	IFITM3	9.11E-10	1.86909	RP11-151A6.2	7.61E-10	1.91797
MED12	8.09E-05	-1.64156	LOX	0.00021001	1.8693	NPNT	1.44E-07	1.91874
MAP4	0.00033	-1.6414	EIF2AK2	1.75E-07	1.87021	LGALS8	3.06E-08	1.91884
---	0.02732	-1.64087	PVRL2	0.00014537	1.87043	SYT1	4.94E-06	1.91919
NASP	2.84E-07	-1.64076	SLC41A1	8.69E-06	1.87393	MAOA	0.00138515	1.91933
KIAA1772	0.01768	-1.64051	PCTK2	8.98E-06	1.87441	PML	4.23E-05	1.92123
TOP2A	0.00765	-1.63975	PCDH8	0.0165962	1.87523	---	0.00036272	1.9214
MOBK1B	4.05E-06	-1.63949	WWOX	1.30E-05	1.87523	ALAD	3.11E-05	1.92146
---	0.00131	-1.63916	KLF6	0.00013511	1.87559	FUCA1	1.11E-07	1.92153
LPHN1	6.16E-06	-1.63849	TRIB2	2.39E-05	1.87747	CAPS	0.00044279	1.92179
DSG2	0.00022	-1.63813	RNF213	2.01E-08	1.87749	NUCB2	3.71E-05	1.92292
FAM54A	0.00088	-1.63782	TMTC3	1.50E-08	1.87809	ADRA2C	0.00015066	1.92347
SLC35D2	0.00234	-1.63768	CXCL16	0.00020374	1.87886	ATP2C2	1.38E-06	1.92395
CDC25A	0.02041	-1.63695	CHD1	3.57E-07	1.88076	---	2.63E-06	1.92488
DNAJC9	2.59E-06	-1.63647	GALT	2.42E-05	1.88105	PRNP	0.00013333	1.92587
LOC401320	0.00236	-1.6364	HES4	6.43E-06	1.88116	KITLG	9.63E-08	1.92639
FUS	1.64E-05	-1.63613	ADRA2C	0.0001892	1.88294	CORO1A	2.10E-05	1.92681

SAP130	2.42E-07	-1.636	SLC7A6 /// TRPV6	5.38E-05	1.88299	RAB11FIP1	2.88E-05	1.92688
---	0.00235	-1.63572	LOC100130742	2.71E-06	1.88426	---	0.00025188	1.92844
IGF2	0.02294	-1.63562	HSH2D	6.98E-05	1.88643	PVRL2	0.00017359	1.92858
C10orf59	1.19E-05	-1.63527	GPATCH2	6.00E-05	1.88714	C10orf30	0.00048427	1.929
---	0.00053	-1.6352	C19orf63	8.46E-07	1.88815	WIP1	1.05E-05	1.93141
---	0.00734	-1.63507	CPEB2	1.39E-06	1.8896	QPCT	0.00098748	1.93173
LOC100128191	0.00033	-1.63488	SPATA7	2.02E-07	1.89058	STAT1	6.03E-07	1.93191
LOC113230	0.00045	-1.63471	---	0.00254375	1.8921	LASS4	0.00122552	1.93209
HDLBP	3.17E-06	-1.63418	C6orf1	9.76E-07	1.89299	CA11	0.00020936	1.93239
KCTD15	4.71E-05	-1.6341	FAM46A	1.27E-07	1.89347	CAB39L	6.15E-06	1.9324
C6orf130	0.00011	-1.63393	SOCS1	0.00671963	1.89516	JAG1	1.21E-05	1.93255
C12orf32	6.57E-08	-1.63392	KDELRL3	8.00E-06	1.8955	---	1.28E-05	1.93281
ECHDC3	0.00099	-1.6339	---	0.00170752	1.89654	EML2	4.09E-05	1.93645
TAF8	4.93E-05	-1.63352	PAQR5	0.0591403	1.8966	LPGAT1	1.28E-07	1.93747
NFKBIL2	0.00042	-1.63335	DOCK8	0.00559804	1.89793	USP2	0.00867821	1.93789
KDELRL2	3.27E-06	-1.63335	RP11-151A6.2	8.65E-10	1.89811	SYT1	1.32E-06	1.93858
PSIP1	3.94E-07	-1.63328	---	0.00017568	1.89963	TRAK1	0.00010554	1.94043
SLC25A16	0.0002	-1.63328	---	0.00098422	1.89998	RTCD1	1.37E-06	1.94222
CDK3	9.10E-05	-1.63278	CAMK2N1	1.43E-05	1.90024	---	1.33E-07	1.94266
NUP50	0.00161	-1.63267	MUCL1	1.41E-06	1.90158	UBE2W	4.19E-06	1.94442
---	9.99E-05	-1.63262	RDX	4.16E-06	1.90335	TRIM14	3.67E-06	1.94456
KIAA0226	6.97E-06	-1.63257	---	8.20E-05	1.90401	LIN7B	0.00095093	1.94529
DHX15	7.03E-07	-1.63146	PHF11	1.78E-07	1.90484	PML	4.68E-05	1.94588
SPDEF	5.40E-07	-1.63136	GRAMD3	2.80E-06	1.90512	WWOX	8.46E-06	1.94607
NUP210	1.35E-06	-1.63124	RNF7	0.00531443	1.90701	PLSCR1	2.03E-08	1.94747
---	0.00424	-1.63075	NRP1	5.33E-06	1.90798	IGFBP3	0.00088997	1.95162
---	1.42E-06	-1.63065	SHC4	0.0178	1.91116	C19orf63	5.62E-07	1.95466
CYBASC3	1.25E-07	-1.63057	PKIA	2.47E-05	1.91204	SP110	1.14E-06	1.95503
FANCM	0.00428	-1.63045	UHRF1BP1L	3.81E-05	1.91393	BAD	4.39E-05	1.95705
WDR34	2.39E-07	-1.63007	ASB9	2.32E-06	1.91415	TMTC3	8.27E-05	1.9603
HIST1H4H /// HIST1H4A	6.38E-06	-1.62996	LOC147650	3.38E-06	1.91483	ARRB1	8.03E-07	1.96114
NBPF4	0.00048	-1.62987	RELL1	1.43E-06	1.91552	CAMK2B	0.00732082	1.96176
ELOVL2	0.01354	-1.62952	CDYL2	0.00396488	1.91692	OAS3	5.65E-08	1.96379
SP2	5.19E-07	-1.62883	GLUD1	0.00072013	1.91746	---	0.00055236	1.96584
COL12A1	0.069	-1.62845	PRR5	0.00680391	1.91748	---	0.00040512	1.96811
LZTFL1	0.00123	-1.62833	FLRT3	0.00098753	1.91787	ARL5B	1.87E-05	1.96814
HIC2	5.05E-05	-1.62819	RPS27L	1.24E-05	1.91853	HES1	8.01E-09	1.96817
C16orf57	0.01494	-1.62813	EML2	4.52E-05	1.9189	DNAJB9	0.00021493	1.96967
DPYSL2	1.30E-08	-1.62803	FLJ22167	0.00034565	1.91965	---	2.79E-06	1.97206
WFS1	1.75E-05	-1.62798	C7orf42	2.48E-06	1.92042	GPX3	2.30E-07	1.97425
ZNF638	0.00095	-1.62789	LOC440836	0.0022945	1.92216	IL27RA	0.00181211	1.9743
---	0.01232	-1.62777	SNX8	4.66E-07	1.92383	AQP3	1.49E-05	1.97556
DUT	2.76E-07	-1.62777	NRP1	6.98E-06	1.92455	PCYT1A	0.00423853	1.97643
PRR11	1.04E-05	-1.6274	SOAT1	0.00026179	1.92745	SULT1A1	1.66E-06	1.97752
---	3.61E-06	-1.62736	BTG2	0.00040838	1.92891	RDH11	2.30E-07	1.97794
---	5.75E-05	-1.6269	// MICA /// MICB /// X	1.37E-07	1.9304	ECH1	9.26E-07	1.97834
---	0.00019	-1.62681	SLC7A5	4.23E-08	1.93046	KLHL2	1.65E-05	1.97935
DOC2A	0.00037	-1.62664	WIP1	5.13E-05	1.93404	ARRB1	6.83E-05	1.98019
C14orf80	7.50E-06	-1.62647	LMO3	0.00090421	1.9349	DNAJC16	0.00010228	1.98126

DNMT3A	1.88E-06	-1.62623	BTBD14A	0.0025899	1.93631	KCNJ3	0.00162449	1.98283
NKRD52 /// UNQ583	7.09E-06	-1.6256	ALAD	2.85E-05	1.93687	SLC23A2	0.00052081	1.98728
ELF4	4.71E-07	-1.62541	SSH1	2.96E-05	1.93964	LOC286440	6.53E-05	1.99468
NUP62	0.00013	-1.62536	---	0.00030152	1.94304	STEAP3	1.12E-06	1.99533
LOC150051	0.01177	-1.62498	SPATA17	2.18E-05	1.94364	COQ10A	9.16E-05	1.997
LOC283508	1.80E-05	-1.6249	ABCC4	0.00074788	1.94367	LOC728568	1.87E-07	1.99706
BTBD14B	1.79E-06	-1.62453	ARRB1	8.80E-07	1.94557	LOC388588	1.47E-06	1.99739
---	8.13E-06	-1.62439	C12orf5	1.65E-05	1.9468	SSH1	2.16E-05	1.99751
SLITRK4	0.00309	-1.62433	ISYNA1	2.36E-07	1.94902	MFAP3L	0.00298162	1.99882
POLR2K	1.06E-05	-1.62428	AM84A /// LOC65360	4.39E-07	1.94904	TMEM37	3.14E-05	1.99891
DPY19L4	0.00016	-1.62425	KDEL3	1.61E-07	1.95003	PVRL2	4.80E-08	2.00229
ASCL1	7.89E-06	-1.62414	LOC374443	5.86E-06	1.95093	SSBP2	8.71E-07	2.00279
---	0.00059	-1.62409	TDRD7	2.04E-08	1.95213	HCCS	1.88E-05	2.0034
FUS	1.36E-05	-1.62401	SLC39A14	2.91E-07	1.95242	STARD5	3.52E-05	2.00445
HMGB1	1.91E-05	-1.62396	PPAP2B	0.00012892	1.95282	N4BP2L2	0.00164817	2.0049
TMEM79	0.00439	-1.62355	SERHL /// SERHL2	0.00107431	1.95651	C22orf16	1.80E-07	2.0077
OTUB2	3.05E-05	-1.62354	RAB26	3.04E-06	1.95752	SALL4	9.53E-06	2.00809
SEMA3C	5.70E-05	-1.62341	---	1.21E-07	1.95776	GNB5	4.31E-07	2.01039
MYCN	0.00105	-1.6232	HS6ST2	0.0140705	1.96104	GPX3	1.07E-07	2.01057
WDR90	2.76E-05	-1.62309	TMEM55A	0.0002818	1.96425	CAMK2N1	1.69E-06	2.01105
MLH1	3.01E-07	-1.62281	TRIM69	4.32E-05	1.96438	CLU	4.04E-08	2.01858
PRRT1	0.03309	-1.6224	FAM107B	2.18E-06	1.96567	SPATA18	9.72E-05	2.01969
SMC2	6.41E-05	-1.62198	TTC12	4.84E-05	1.96594	CLPB	0.00374508	2.02331
RABL3	0.00011	-1.62137	TMEM62	2.40E-06	1.96756	---	5.83E-06	2.02555
TMEM97	0.00022	-1.62112	---	6.96E-07	1.96802	CAB39L	3.52E-07	2.02617
GRK6	0.0001	-1.62083	RAB26	3.37E-07	1.96828	FAM46A	5.77E-08	2.02656
VAV3	0.00073	-1.62045	SLIT2	0.0112368	1.96852	IGFBP5	9.86E-08	2.02708
LYK5	4.07E-06	-1.62017	TNFAIP3	7.05E-05	1.96855	LAMB1	3.25E-05	2.02925
MLF1	0.00157	-1.61951	---	2.36E-06	1.96927	IGFBP3	6.15E-06	2.03017
EME1	4.50E-06	-1.61942	RTCD1	1.16E-06	1.97017	TMEM135	1.18E-06	2.03541
C8orf32	1.31E-08	-1.61859	CROT	0.00495854	1.97415	FBXO2	1.78E-06	2.03593
C21orf57	0.00016	-1.61857	SLC39A11	3.69E-06	1.9747	SLC12A2	1.31E-07	2.03692
LOC285550	0.00481	-1.61804	ACSL1	1.08E-05	1.97549	KITLG	3.90E-05	2.03698
C1orf96	0.00652	-1.61753	NAT1	1.02E-06	1.97583	CHST12	4.07E-07	2.03748
EIF2C2	2.32E-07	-1.61745	SSBP2	1.01E-06	1.97624	BAD	7.88E-06	2.03994
TAF1B	0.00864	-1.61743	MAP3K12	3.87E-05	1.97854	BTG2	0.00023528	2.04076
DYNC2LI1	0.0002	-1.61727	SMAD9	6.72E-05	1.98024	RGS16	8.79E-06	2.04109
---	0.0026	-1.61615	SLC29A3	0.00289492	1.98728	WWOX	2.79E-05	2.04536
FAM102A	4.34E-06	-1.61567	LMTK3	0.00393853	1.98729	TGFBI	0.00363964	2.04601
VPS37B	0.0002	-1.61498	GRB14	7.81E-06	1.98921	LEPRE1	3.45E-05	2.04724
ACSS3	3.59E-05	-1.61495	ANKRD6	4.26E-05	1.98962	TIMP3	0.00017211	2.04948
GUSBP1	1.24E-07	-1.6144	RAPH1	1.15E-05	1.99083	HEXIM1	2.08E-07	2.05112
SLC12A9	0.00025	-1.61439	PRSS22	1.55E-07	1.9921	---	5.95E-06	2.05189
---	0.00898	-1.61433	HES1	7.23E-06	1.9932	TRAK1	0.00296598	2.05421
POLR3GL	1.20E-06	-1.61389	WWOX	3.60E-05	1.99582	RP2	4.24E-05	2.05666
---	9.95E-05	-1.61375	SCML1	7.09E-06	1.99719	PRIC285	3.76E-07	2.05719
---	0.00164	-1.61357	ERAP1	9.32E-06	1.99787	STAT1	4.51E-09	2.06144
---	0.00112	-1.61354	MT1F	0.00013681	1.99976	CAB39L	0.00041254	2.06158
DLX4	0.00115	-1.61321	DHRS2	1.19E-06	2.00148	LY6D	0.00076082	2.06163

---	1.24E-05	-1.61312	HCCS	1.90E-05	2.00167	RELL1	6.17E-07	2.06429
---	0.00089	-1.61301	FGFR1OP2	6.42E-06	2.00196	HES1	4.90E-06	2.0675
33163 /// LOC644079	8.33E-05	-1.61268	DNAJC12	9.57E-09	2.00214	SAMD9	0.0004114	2.06919
NAB1	0.00455	-1.61235	TWF1	0.0225762	2.00256	ONECUT2	0.00117368	2.06935
ETNK1	8.73E-05	-1.61179	EGFL7	3.92E-05	2.00344	DDX60L	0.00847201	2.06952
COL1A1	0.00074	-1.61169	---	6.51E-06	2.00473	PVRL2	5.03E-05	2.07072
ARF3	3.62E-06	-1.61164	RNF213	0.00022504	2.00628	SP100	2.33E-06	2.0716
RABL5	3.38E-05	-1.61163	MRPS15	0.00298078	2.00723	PRSS22	9.94E-08	2.07401
DDX46	0.00013	-1.61152	EPOR	0.00025225	2.00835	STAT1	1.09E-07	2.07438
---	0.00568	-1.61143	PKIA	4.17E-08	2.00933	MCART1	0.0006785	2.07925
FBXO45	0.00608	-1.61122	MLLT11	5.24E-05	2.01085	N6AMT1	0.00096079	2.08076
RPA3	2.99E-08	-1.61112	---	0.00032598	2.0129	GNB5	6.99E-05	2.08248
---	0.02174	-1.61085	PNPT1	2.82E-07	2.01322	CPD	0.00116872	2.08646
---	0.0007	-1.61076	HES1	6.14E-09	2.01427	PCDH8	0.00762822	2.09005
---	0.00015	-1.61042	SP3	6.65E-09	2.01503	SPATA17	1.01E-05	2.09065
SP1	5.55E-05	-1.61018	RGS16	9.96E-06	2.01714	TNFRSF18	0.00369558	2.09323
AHSA2	0.00014	-1.61	DHRXS	0.00034006	2.01996	SGTB	0.00025268	2.09612
---	4.84E-06	-1.60975	SNRPC	6.83E-07	2.02219	ANXA9	1.78E-07	2.09857
HIP1	0.00212	-1.60888	BTN3A2 /// BTN3A3	7.72E-05	2.02542	LOC100128718	0.00151229	2.09922
COL1A1	7.51E-05	-1.60864	NKX3-1	6.34E-05	2.02635	PHLDB2	4.81E-05	2.09983
FUBP1	3.13E-05	-1.60832	SLC12A2	1.38E-07	2.02673	SCML1	5.72E-08	2.10002
ITGB4	0.00014	-1.60828	FKBP11	6.17E-09	2.02686	COMMD10	2.14E-08	2.1006
---	0.00284	-1.60821	WVOX	2.11E-06	2.03069	GALT	7.31E-06	2.10136
DECR1	2.57E-07	-1.60789	SLC41A2	0.00015294	2.03235	DNAJB6	9.94E-07	2.10164
C11orf61	0.00125	-1.60782	P2RY2	0.0001136	2.03645	EGFL7	2.41E-05	2.1019
NR2F2	0.00344	-1.6077	PLEKHH2	0.00196488	2.03654	LOC727770	0.00047401	2.10481
LRRC37A2	0.00104	-1.60759	ELOVL7	2.63E-07	2.03812	WVOX	1.11E-05	2.10518
MIB1	0.00052	-1.60717	ULBP2	0.00299099	2.03981	IER5	5.66E-08	2.11003
---	1.03E-07	-1.60687	LOC728568	1.46E-07	2.04244	PRIC285	0.00022154	2.11282
NSMCE4A	5.68E-07	-1.60683	BCAR3	8.65E-05	2.04525	PLAC8	0.00028079	2.11676
CAPN9	0.00393	-1.60672	IER5	7.72E-08	2.04987	LOC147650	1.13E-06	2.11676
---	9.56E-05	-1.60651	KITLG	3.66E-05	2.04998	FLJ40142	1.41E-05	2.11823
TTL3	6.89E-05	-1.60628	FAM55C	0.00049812	2.05124	RGS16	0.0003963	2.12686
---	0.00024	-1.60619	LOC100131062 /// PTP4	0.00369364	2.05456	ELF5	0.00015507	2.12906
AKT2	7.56E-05	-1.6059	ARL4C	0.00043496	2.05471	KIF13B	0.00018976	2.12907
LOC652755 /// NAIP	2.25E-05	-1.60584	PIGL	0.00019114	2.05591	MRPS15	0.00183984	2.13074
NUP210	4.09E-05	-1.60561	IL15RA	0.00036789	2.05594	TLE2	5.35E-07	2.13258
USP22	0.00055	-1.60505	SAMD11	4.32E-05	2.05749	BCAR3	5.76E-05	2.13332
DUT	6.33E-07	-1.60499	HLA-B	2.84E-07	2.05807	FLJ38379	0.00626794	2.136
DLG1	0.00054	-1.60491	UBE2W	2.25E-06	2.05868	CPD	0.00068555	2.13637
---	0.00187	-1.6045	GNB5	3.29E-07	2.06098	GUCY1B3	0.00719584	2.13967
NIPBL	1.44E-06	-1.60434	COMMD10	2.58E-08	2.06453	DDX58	4.68E-10	2.14131
CKS1B	1.47E-06	-1.60388	RAPH1	1.91E-09	2.06915	LGALS3BP	1.20E-08	2.14147
DDAH1	4.04E-07	-1.6037	ASNS	1.22E-07	2.06968	CAMK2N1	3.92E-06	2.1459
OCC-1	0.00024	-1.6035	KLHL2	1.01E-05	2.07447	---	0.00059782	2.14655
---	0.01357	-1.60317	BAD	2.39E-05	2.07537	ULBP2	0.00198496	2.1482
MINK1	3.30E-05	-1.60299	FAM84A	2.37E-05	2.07747	LHPP	0.00021729	2.14826
NUCKS1	3.57E-06	-1.6027	UBR1	0.00025079	2.079	SLC35C1	0.00018407	2.1493
---	0.00018	-1.60245	KCNJ3	0.00107253	2.08	SLC41A2	8.81E-05	2.15445

ATP2A3	0.00104	-1.60243	RP2	3.79E-05	2.0802	MYCBP2	2.97E-07	2.15449
POLD2	6.26E-07	-1.60219	BAT2D1	2.16E-05	2.08068	LXN	2.58E-10	2.15492
RAF1	0.00079	-1.6021	IFIH1	0.0114401	2.08234	---	1.64E-06	2.16388
---	0.00064	-1.60185	DSCR8	3.65E-06	2.08491	EMR1	0.00025941	2.16775
C2CD2	1.23E-05	-1.60094	SERHL /// SERHL2	0.00170809	2.08533	BAG2	6.37E-06	2.17381
LANCL1	9.55E-06	-1.60035	BTG2	1.06E-09	2.08602	KIF5C	7.94E-07	2.17429
ZNF789	0.00157	-1.59964	GSTM3	1.02E-09	2.08729	P2RY6	4.12E-08	2.17513
ZMYM1	8.30E-05	-1.59963	NCOA7	2.50E-07	2.0911	COMMD10	2.52E-06	2.17766
PPP2R2C	0.01873	-1.59951	ZNFX1	1.40E-08	2.09114	---	1.54E-06	2.18267
MZF1	2.83E-05	-1.59925	---	4.67E-05	2.09465	RAB39B	2.85E-05	2.18513
---	0.00116	-1.59924	KITLG	1.20E-05	2.09908	RPS27L	3.11E-06	2.19014
VPS45	2.16E-07	-1.59821	MCART1	0.00062219	2.09996	JHDM1D	9.59E-05	2.19178
C9orf140	2.84E-07	-1.59818	PML	1.73E-06	2.10229	---	6.85E-08	2.19327
WDHD1	0.00081	-1.59798	LXN	3.32E-10	2.104	CPEB2	2.70E-07	2.196
TDG	0.00027	-1.59779	FAM46A	7.40E-07	2.10537	---	5.80E-06	2.19687
---	0.00733	-1.59767	LMF1	0.00059196	2.10876	ACSL1	3.62E-06	2.19816
NSMCE4A	4.91E-07	-1.59749	TAP2	0.00406143	2.1105	LOC653602	0.00034626	2.19922
HNRNPU	0.00764	-1.59742	ACADSB	0.00030419	2.11142	RDX	3.25E-10	2.19934
PRPF4B	0.0001	-1.59722	SLC6A8	0.00501591	2.11311	SP110	8.35E-06	2.19995
---	0.00011	-1.59715	F2RL1	0.00012757	2.11558	MTL5	7.64E-05	2.20038
LOC643641	0.00143	-1.59712	PPM1K	3.84E-07	2.11666	PSMB9	4.23E-05	2.20124
ATP2B4	0.00372	-1.5969	AIFM2	0.00017874	2.11812	RAB27B	2.18E-08	2.20261
C10orf57	0.00179	-1.59669	SGSH	0.0052019	2.11941	MUCL1	2.88E-07	2.2032
---	0.00055	-1.59631	RDH11	6.06E-09	2.12016	IKIP	3.17E-05	2.20413
WDR79	1.86E-05	-1.59631	SALL4	5.43E-06	2.12036	BCAP29	3.24E-10	2.21167
NMT1	0.00725	-1.59624	CTSC	0.00024591	2.12125	ACADSB	0.00020178	2.21241
---	0.00032	-1.59617	RFTN1	2.17E-06	2.1285	USP35	9.13E-07	2.21554
FBXO9	0.00096	-1.59609	LPGAT1	4.52E-08	2.12906	SLC39A11	1.12E-06	2.21564
DDX23	1.07E-06	-1.59572	KIAA1377	0.00139167	2.1292	GSTM3	5.50E-10	2.21596
PPP2R2C	0.00016	-1.59523	CLEC7A	0.0010064	2.13186	LMTK3	0.0016532	2.2195
TRIM13	0.00775	-1.59509	ONECUT2	0.00091281	2.13201	MAP3K12	1.23E-05	2.22105
MBD4	0.004	-1.59507	LHX2	0.00023573	2.13231	---	1.45E-05	2.22315
LPHN1	0.0002	-1.59485	TRIM21	2.73E-07	2.13251	SEC14L1	7.06E-05	2.22481
DEK	2.35E-06	-1.59475	CCDC126	5.78E-06	2.1326	BEX5	1.98E-05	2.22898
NES	0.00051	-1.59444	PNPLA6	0.00229559	2.13535	---	0.00103792	2.23417
---	0.00022	-1.59431	PCTP	2.68E-08	2.13788	ADFP	6.38E-06	2.23617
HNRNPC	1.52E-05	-1.59409	---	9.37E-05	2.13874	FAM84A	4.68E-07	2.23632
---	3.14E-05	-1.59391	EIF2AK2	1.15E-07	2.13931	GOLM1	0.00022967	2.23649
MYST4	3.86E-05	-1.59368	COMT	2.36E-08	2.15372	---	8.42E-05	2.2366
---	3.76E-05	-1.59358	---	8.53E-06	2.15675	EPB41L5	0.0001859	2.23861
ATP6V0A1	3.06E-05	-1.5932	STAT1	9.42E-08	2.15816	IFI27	8.07E-08	2.24415
PRKDC	0.00081	-1.5929	RP1-93P18.1	1.67E-06	2.1621	TRAK1	2.43E-05	2.24421
GPR153	0.00053	-1.59249	ELF5	8.95E-05	2.16236	PKIG	0.00012175	2.25146
---	0.00359	-1.59242	PPAP2B	0.00120771	2.16254	GDPD1	2.55E-07	2.25396
H2AFV	0.00031	-1.59234	MT1F	1.58E-05	2.16458	STAT1	6.42E-09	2.25579
NGEF	0.00178	-1.59231	STAT1	1.22E-08	2.1646	ITPR1	0.0206467	2.25764
FBXL17	0.02914	-1.5923	TMTC3	3.07E-05	2.16617	RDX	6.86E-07	2.25912
RAB36	0.00641	-1.59202	IGFBP5	0.00029636	2.16774	FAM46A	3.58E-07	2.26569
SFI1	8.65E-05	-1.59151	LAP3	6.56E-07	2.16991	IGFBP5	1.66E-07	2.26762

LOC283267	0.00082	-1.59137	LRP12	0.0153508	2.17043	LACTB	0.00017349	2.26881
---	0.00369	-1.59134	---	2.85E-07	2.17231	CA4	3.82E-06	2.2694
HCRP1	1.18E-06	-1.59134	SPATA7	1.14E-06	2.177	PARP12	6.60E-06	2.27248
STK35	4.50E-05	-1.59124	HEY1	1.01E-05	2.17924	BEX4	2.16E-05	2.27255
HP1BP3	2.75E-07	-1.5912	CA4	5.47E-06	2.18467	AGA	1.84E-05	2.28189
PPOX	0.00626	-1.59111	MYCBP2	2.52E-07	2.19035	STEAP3	0.00018393	2.28576
C20orf74	0.01813	-1.59109	COMMD10	2.38E-06	2.19082	TMEM37	4.11E-05	2.28891
PDE6D	1.46E-05	-1.59096	USP35	9.97E-07	2.19561	FBXO6	9.42E-05	2.29252
---	0.02121	-1.59094	COLEC12	3.42E-06	2.19788	KITLG	5.14E-06	2.29453
TAF1B	2.34E-05	-1.59087	MSI2	3.26E-05	2.19981	PTPRE	5.89E-05	2.30503
---	0.0001	-1.59082	BAD	3.64E-06	2.20307	FRMD3	0.00025156	2.30547
ZNF430	0.00025	-1.59056	---	1.57E-05	2.20349	TRIM14	5.89E-05	2.30793
TRIM59	1.37E-08	-1.59049	C22orf16	6.74E-08	2.20382	ANXA9	2.58E-07	2.30934
---	0.00012	-1.59009	ERAP1	0.00106946	2.20787	LIN7A	5.07E-06	2.31203
TGFB1	5.80E-06	-1.58987	ZC3HAV1	1.20E-06	2.20837	VLDLR	1.19E-06	2.32141
FAM33A	1.57E-05	-1.58971	KIAA0888	8.84E-05	2.2099	WIPI1	8.40E-06	2.32677
MAP4	2.22E-05	-1.58955	LOC440957	9.76E-06	2.21092	PARP14	1.86E-09	2.32734
C20orf72	2.15E-05	-1.58953	SGTB	0.00015656	2.21176	PSTPIP2	0.00020164	2.32838
C14orf93	0.0058	-1.5895	BCAP29	3.23E-10	2.21205	TNFRSF10A	0.0008385	2.33106
CREBZF	7.53E-08	-1.5891	TMTC3	1.48E-06	2.21748	SPATA7	2.17E-08	2.33149
---	3.22E-05	-1.58905	SFXN1	6.98E-06	2.22105	SLC17A5	4.94E-06	2.3328
PTPRA	0.00294	-1.589	RDX	1.14E-05	2.22108	C5orf41	2.32E-05	2.33557
SPTLC2	5.39E-05	-1.5888	ISG15	2.91E-07	2.22309	HERC6	5.13E-08	2.34157
CDKN2AIPNL	0.00032	-1.58854	PHLDB2	2.80E-05	2.22494	SLC35C1	1.73E-07	2.34292
PAQR4	7.36E-05	-1.58808	PCDH19	3.40E-08	2.22776	ICAM1	3.56E-05	2.34321
/// NBPF15 /// NBPF	0.00117	-1.58773	GNB5	3.72E-05	2.2279	HSH2D	8.15E-06	2.34362
---	0.00084	-1.58749	PCYT1A	0.00164292	2.23057	---	0.00015045	2.34395
---	0.00011	-1.58702	SEC14L1	6.82E-05	2.23344	DHRS2	2.19E-08	2.34637
---	0.01097	-1.58684	PSAT1	5.15E-05	2.23456	PLEKHH2	0.00063198	2.34838
AMH	2.16E-06	-1.58663	LPIN1	2.20E-06	2.24034	ZMAT3	5.78E-06	2.35114
STAMPB	0.00159	-1.58657	CLPB	0.00168359	2.24424	---	0.00012198	2.35375
HMG2L1	7.22E-06	-1.58649	IFI6	1.74E-06	2.24466	EPHX1	1.73E-08	2.35409
---	0.00614	-1.58645	LIN7B	0.00026655	2.24469	SLC17A5	2.52E-06	2.35625
---	1.22E-05	-1.58616	ABHD7	0.00023896	2.25443	C5orf41	0.00034345	2.36063
C1orf176	0.00937	-1.58593	PKIG	0.00011992	2.25543	BAG1	2.13E-05	2.36337
LUZP6 /// MTPN	1.69E-06	-1.5859	LACTB	0.00018109	2.25728	CREB3L1	3.80E-06	2.36468
STK36	0.00066	-1.5858	---	8.92E-08	2.25943	GNE	0.00014129	2.3706
C100130123 /// NUCB	0.00015	-1.58543	MAN1A1	8.18E-06	2.26129	ISYNA1	3.12E-08	2.37296
BTF3L4	0.03394	-1.58526	---	0.00108873	2.26169	MAP4K2	0.00406807	2.37679
ZNF700	6.38E-06	-1.58517	BAG2	4.35E-06	2.26347	FAM43A	2.51E-05	2.37694
MCM9	0.00018	-1.58491	DUSP10	6.12E-08	2.26517	---	3.68E-05	2.3791
---	0.00048	-1.58467	LOC441108	0.00367777	2.27444	GABBR1 /// UBD	9.39E-06	2.3887
NUP43	0.00061	-1.58458	GPX3	5.23E-08	2.27538	HMCN1	1.13E-06	2.39691
---	0.00065	-1.58447	RGS16	0.00021923	2.28008	KDEL3	0.00072615	2.39825
---	0.00143	-1.58432	RDH11	5.15E-08	2.28459	PNPLA6	0.00096291	2.39894
RRM2	2.50E-08	-1.58432	QPCT	0.00021978	2.28903	PARP9	2.95E-06	2.39945
PCDH10	6.25E-07	-1.58418	LMO4	4.05E-05	2.29158	SEPP1	1.05E-06	2.39999
RAD1	0.00092	-1.58418	MYO18A /// TIAF1	0.00036474	2.294	COMT	8.22E-09	2.40322
HSPD1	4.74E-08	-1.58352	GPX3	2.73E-08	2.29523	P2RX4	1.44E-09	2.40338



SH3YL1	5.43E-07	-1.58308	IRF7	5.07E-08	2.29714	RAPH1	1.86E-06	2.40344
HECTD2	0.00014	-1.58307	P2RX4	2.18E-09	2.29803	DHRS2	1.93E-07	2.40694
---	1.77E-05	-1.58298	GUCY1B3	0.00444697	2.29811	BTG2	2.58E-10	2.4077
KAZALD1	0.00282	-1.58289	TRIM14	1.95E-07	2.30295	ASB9	2.23E-07	2.4108
RAB30	0.00023	-1.58278	SPAG1	4.32E-06	2.3032	GLCE	1.44E-05	2.4128
CCNY	4.04E-05	-1.58253	CCL5	0.00061344	2.30503	SULT2B1	1.00E-05	2.41816
BCL7C	1.05E-06	-1.58245	SLC7A11	2.62E-06	2.30554	SLIT1	8.42E-06	2.42463
MGC16121	3.79E-05	-1.58244	TBX3	1.83E-05	2.30764	SLC29A3	0.00060684	2.42602
EZH2	2.06E-05	-1.5823	ERO1LB	0.00269932	2.31384	FAS	1.50E-06	2.42719
C5orf28	0.00061	-1.58206	RND3	6.26E-07	2.31611	TMTC3	6.47E-07	2.42758
ANKRD32	1.00E-06	-1.58185	GADD45A	3.03E-08	2.31788	KCNJ3	0.00027822	2.43409
GUSBP1	9.52E-06	-1.58175	CAB39L	0.00014817	2.32027	GNB5	1.36E-06	2.43465
WIZ	3.52E-07	-1.58174	AGA	1.59E-05	2.32073	TAP2	2.70E-05	2.43504
ARMC10	0.00016	-1.58168	ITPR1	0.017659	2.32386	RDX	4.92E-06	2.44122
---	4.08E-08	-1.5815	MX1	0.00071958	2.32483	KAL1	6.20E-05	2.44343
EXTL2	9.88E-05	-1.58125	CORO1A	3.17E-06	2.32801	B3GNT5	4.16E-05	2.44405
---	0.00038	-1.58108	PSMB10	4.88E-08	2.32928	IGFBP6	8.66E-07	2.44492
RAP2C	2.02E-06	-1.58103	ARL5B	3.39E-06	2.34181	DRAM	2.61E-09	2.44772
WHSC1L1	0.00117	-1.58103	GLCE	1.85E-05	2.3422	---	0.00029986	2.44877
KIAA1704	9.03E-05	-1.58086	HMHA1	1.11E-06	2.3437	RAPH1	3.65E-10	2.44902
PDS5B	9.14E-06	-1.58077	LRP12	3.16E-08	2.34622	RP1-21O18.1	1.45E-07	2.45033
TMEM54	5.90E-06	-1.58077	TMEM140	0.00050512	2.35047	WVOX	3.42E-07	2.45276
SNN	5.21E-08	-1.58069	PIR	2.09E-08	2.35149	SEC24D	0.00028688	2.45595
RDH13	0.00282	-1.58035	TGFB3	0.00071286	2.35622	PARP10	6.98E-08	2.45763
FAM91A1	1.49E-05	-1.58028	ARRB1	5.69E-05	2.35791	C5orf41	0.00057347	2.45857
---	0.00034	-1.58007	LIN7A	4.20E-06	2.3618	TLE2	8.23E-08	2.46515
C10orf26	1.20E-07	-1.57999	---	7.18E-06	2.36964	MME	0.00570634	2.4691
SNED1	0.00015	-1.57994	SCML1	1.62E-08	2.3891	FAS	3.37E-06	2.47202
CXXC5	2.21E-08	-1.57957	STON2	1.61E-06	2.38974	RAB27B	8.03E-06	2.47308
MDC1	0.00011	-1.57954	MAP4K2	0.00380406	2.40179	P2RX2	7.88E-06	2.47635
C1orf21	7.43E-05	-1.57946	IGFBP6	9.42E-07	2.42107	GRB14	9.50E-07	2.47845
CD302	0.00633	-1.57919	PLAC8	8.89E-05	2.42564	STOM	2.35E-08	2.48406
CENPH	2.32E-05	-1.57909	GNB5	1.40E-06	2.42629	PRNP	5.99E-06	2.4919
WDR5	1.56E-06	-1.57886	JHDM1D	3.98E-05	2.42966	STOM	1.52E-09	2.49228
TP53AP1	1.71E-05	-1.5786	EPB41L5	9.44E-05	2.4315	RSAD2	3.10E-06	2.49244
SHROOM3	1.46E-05	-1.57858	SLC16A3	5.28E-05	2.44008	AQP3	1.20E-09	2.49874
---	0.00069	-1.57829	KAL1	6.13E-05	2.44678	CLEC7A	1.35E-06	2.50763
---	0.00056	-1.57793	IFIH1	2.23E-05	2.45057	MYO18A /// TIAF1	0.00018217	2.50969
RBM17	2.10E-06	-1.57789	ICAM1	2.44E-05	2.45223	---	2.16E-07	2.52025
DIDO1	7.43E-06	-1.57771	EPHA3	4.51E-05	2.45247	LRP12	1.65E-08	2.52543
---	0.00026	-1.57696	SERHL /// SERHL2	0.00032727	2.45564	TPK1	0.00048776	2.53007
SEPHS1	9.28E-06	-1.57684	SP100	4.22E-07	2.45612	---	0.00042598	2.53334
IFT81	0.00025	-1.57661	DRAM	2.48E-09	2.46111	DUSP10	2.21E-08	2.53576
LOC100144415	1.91E-05	-1.57626	SLC17A5	1.68E-06	2.46994	DTX3L	4.76E-08	2.54415
TP53I13	0.00027	-1.57615	---	8.69E-07	2.47521	AM84A /// LOC65360	3.16E-08	2.54582
MYO5A	0.00023	-1.5761	P2RX2	7.88E-06	2.4762	RP1-93P18.1	3.70E-07	2.55343
VRK3	4.16E-06	-1.57589	PRNP	6.28E-06	2.47757	DDIT3	0.00010088	2.55377
VANGL1	2.93E-05	-1.57486	FAM43A	1.78E-05	2.47843	SLC16A3	3.64E-05	2.55817
PATZ1	1.42E-06	-1.57484	LPIN1	1.30E-07	2.4961	TTC12	4.23E-06	2.56088

ARHGAP19	5.84E-06	-1.57461	KIAA1946	5.22E-07	2.49993	EPHA3	3.19E-05	2.56276
NOS1AP	0.01023	-1.57441	OXTR	0.00080229	2.50166	TMEM37	4.99E-05	2.56509
---	0.00082	-1.57433	ABCB9	2.67E-06	2.505	DSCR8	5.30E-07	2.5743
MPZL1	0.00026	-1.57424	IL28A	0.00030407	2.50965	BCAP29	3.87E-07	2.57981
CDK4	1.21E-07	-1.57353	/// TRIM6 /// TRIM6-	0.00428854	2.50986	GSTM4	5.07E-05	2.58125
HMG2L1	7.07E-06	-1.57344	SLC6A8	7.98E-06	2.5128	---	1.67E-06	2.59418
CROT	2.24E-05	-1.57335	APOD	4.93E-07	2.52853	RP1-21O18.1	2.47E-06	2.5998
FLJ10246	0.00154	-1.5733	VEZT	8.51E-06	2.52864	---	0.00031342	2.60639
VAPB	0.00386	-1.57307	AOX1	0.00146742	2.53331	ARRB1	2.56E-05	2.60643
---	0.00472	-1.57293	SULT2B1	6.82E-06	2.53438	STON2	0.00034209	2.60673
NUP62	7.46E-06	-1.5729	DNASE1L2	9.91E-06	2.5426	PCTP	4.28E-09	2.60781
ZNF585A	9.70E-05	-1.57204	DDIT3	0.00010299	2.54674	---	0.00182198	2.60898
WHSC1L1	4.21E-06	-1.57144	TNFRSF10A	0.00043847	2.54873	GLUD1	5.02E-05	2.617
DBF4B	0.00256	-1.57143	FAS	0.00027793	2.55036	RAB26	1.89E-07	2.61972
ANKRD35	0.00018	-1.57131	COMT	3.51E-08	2.55522	PIB5PA	1.25E-05	2.62413
---	0.0236	-1.57127	PCDH20	2.37E-06	2.56504	SLC6A8	0.00111658	2.63128
---	0.00998	-1.57119	RPS6KA2	0.00028636	2.57136	FAM5C	0.00109149	2.63246
PHKA2	0.00088	-1.56996	TIMP3	2.41E-05	2.57619	SGSH	0.00117711	2.63683
P15RS	1.00E-06	-1.56968	KIF5C	1.72E-07	2.57647	SLC7A11	3.74E-05	2.64865
---	0.00095	-1.56958	ARHGAP18	4.75E-06	2.57683	TP53INP2	2.43E-07	2.65435
MYO5C	4.02E-07	-1.56928	CAB39L	3.84E-07	2.57818	ABCC4	5.43E-05	2.65719
TFAP2A	1.93E-05	-1.56879	SP100	6.24E-09	2.58286	DUSP10	0.00010996	2.66674
---	0.00435	-1.56844	C10orf30	3.80E-05	2.58368	KIAA1377	0.00060062	2.67319
RBM47	5.65E-06	-1.56835	SEC24D	0.00019271	2.59291	FAS	1.30E-05	2.67694
---	0.00162	-1.56809	RP1-21O18.1	8.97E-08	2.59325	LRP12	0.00449148	2.68204
SNX7	6.31E-07	-1.56805	RAB39B	6.49E-06	2.59776	RAB26	1.77E-08	2.68259
---	2.95E-05	-1.5679	ABCG1	8.12E-06	2.59781	LAMP3	0.00021007	2.69591
TBC1D5	3.82E-07	-1.56771	TIMP3	0.00049226	2.60481	UST	2.43E-05	2.69914
---	0.00045	-1.56763	TAP2	1.44E-07	2.60485	NOX5 /// SPESP1	1.10E-06	2.7052
RAD21	1.99E-05	-1.56732	FAS	2.17E-06	2.6092	VEZT	4.86E-06	2.71702
PPP2R5C	1.72E-05	-1.56707	FGF18	7.71E-05	2.61947	---	7.57E-06	2.71999
---	0.00018	-1.56694	---	1.61E-05	2.62346	RUNDC3B	6.27E-06	2.7203
---	0.03939	-1.56687	CAB39L	3.04E-08	2.62719	---	7.05E-09	2.72448
PHTF1	3.86E-05	-1.56664	RAB27B	4.94E-06	2.62737	RND3	1.58E-07	2.72618
---	1.70E-06	-1.56661	XK	0.00053296	2.62859	COLEC12	5.19E-07	2.73802
PFDN1	3.64E-09	-1.56611	KCNN4	8.38E-05	2.63043	PCSK2	4.95E-07	2.74269
LCN2	0.00029	-1.56594	TRIM14	2.06E-07	2.63055	SPATA7	1.52E-07	2.74269
ACOT4	2.01E-06	-1.56594	GSTM4	4.33E-05	2.63581	PSMB8	0.00028372	2.75281
C1orf135	0.00051	-1.56584	PLEKHH2	0.00238123	2.64779	COMT	1.71E-08	2.79533
FXR2	0.04294	-1.56578	DUSP10	0.00011484	2.65058	RUNDC3B	4.29E-07	2.81533
NICN1	0.00033	-1.56568	SLC17A5	1.66E-06	2.65881	HERC5	7.03E-07	2.81563
RSL1D1	0.00042	-1.56563	ADFP	1.45E-06	2.65976	LOC374443	0.00014063	2.81638
TSEN54	0.00014	-1.56562	PRIC285	3.40E-08	2.66758	FAM84A	1.74E-06	2.81735
SIPA1L1	0.00123	-1.56521	SP110	1.77E-09	2.67046	FLJ11286	6.79E-07	2.81854
---	0.0275	-1.56521	BEX5	4.27E-06	2.67789	HMHA1	2.42E-07	2.82141
ARID2	1.21E-06	-1.5652	BCAP29	2.87E-07	2.67792	---	3.01E-07	2.82796
PTAR1	1.22E-05	-1.56519	ST6GALNAC4	4.47E-06	2.68609	ABCB9	1.03E-06	2.8293
SPG7	3.91E-05	-1.56516	PRIC285	3.10E-05	2.68839	DNAJC12	1.37E-09	2.832
---	0.0008	-1.56501	KDEL3	0.00032415	2.68976	GBP3	0.0010834	2.83657

HSD3B7	0.00049	-1.56484	ARHGAP18	1.71E-05	2.69287	LOC286167	2.99E-05	2.8387
---	0.00033	-1.56472	LAMB1	1.46E-06	2.71606	EIF4EBP1	3.31E-08	2.84092
NET1	1.60E-07	-1.56468	AXIN2	0.0013729	2.71827	GADD45A	5.46E-09	2.84255
GUCY1B2	0.00019	-1.56455	EIF4EBP1	4.59E-08	2.72274	MAP3K12	1.55E-06	2.8455
SUSD2	0.00612	-1.56435	CDKN1A	5.53E-10	2.73084	TGFB3	0.00018974	2.84696
REEP4	2.88E-05	-1.56378	RP1-21O18.1	1.68E-06	2.73118	PP9284 /// TMRSS2	2.29E-09	2.84707
ASMTL	0.00046	-1.56372	PML	2.10E-06	2.74851	PLEKHH2	0.00154825	2.84782
DNMT1	7.83E-08	-1.5637	CCDC126	1.27E-05	2.75343	FLJ11286	4.50E-06	2.85105
---	0.00016	-1.56363	IFIH1	3.95E-06	2.75434	FLJ11286	1.59E-12	2.85671
SGCB	0.0192	-1.5636	PML	1.60E-06	2.7551	SLC6A8	2.96E-06	2.85981
CTDSP2	1.99E-06	-1.56357	SP110	6.31E-10	2.76528	---	4.06E-05	2.86382
C7orf23	2.33E-07	-1.56349	RAPH1	1.17E-08	2.78229	ST6GALNAC4	1.44E-06	2.87006
SNX2	1.52E-08	-1.56348	KCNJ3	0.00010591	2.78376	DDX58	3.52E-11	2.87026
---	0.00391	-1.56314	---	5.90E-09	2.78735	PCDH7	0.0001624	2.88066
C20orf94	3.34E-05	-1.56307	RUNDC3B	4.62E-07	2.78783	CLEC7A	3.61E-07	2.88436
---	0.00165	-1.56285	PSCA	0.00197092	2.79231	SOX9	4.67E-06	2.88823
---	0.0229	-1.56244	FAS	4.68E-07	2.8053	SFXN5	1.99E-06	2.90188
RSPH1	0.00105	-1.56228	PCDH7	0.00019038	2.81179	OASL	4.81E-06	2.91252
SLC39A10	1.81E-06	-1.56219	KIAA1377	0.00043126	2.8135	IGFBP5	3.04E-05	2.91628
ESR1	0.00316	-1.562	SFXN5	2.42E-06	2.82494	MSI2	3.34E-06	2.91845
C1orf210	0.00365	-1.56199	ANKRD6	2.38E-07	2.82608	DNASE1L2	3.43E-06	2.9286
---	0.04061	-1.56192	SOX9	5.26E-06	2.84083	SERHL /// SERHL2	4.36E-05	2.93772
---	8.65E-05	-1.56185	CLEC7A	5.02E-07	2.84586	ARHGAP18	9.03E-06	2.94488
KCNMB4	5.48E-05	-1.5613	---	8.94E-06	2.84975	IFIT5	5.88E-09	2.96286
---	6.00E-05	-1.56125	---	0.00024636	2.85189	SAMD9	7.83E-07	2.96783
TMEM30A	7.62E-05	-1.56084	---	1.26E-10	2.85296	ACPL2	6.82E-07	2.97931
RBM12B	0.00044	-1.56066	SLC1A1	4.29E-09	2.8592	---	2.98E-06	2.98084
---	0.00014	-1.56064	NMI	5.97E-09	2.8654	FLJ22662	7.34E-06	2.98685
USP1	5.29E-08	-1.56063	GABBR1 /// UBD	2.23E-06	2.86814	USP18	1.93E-09	2.99504
FKBP9	3.76E-06	-1.55971	DDIT4L	0.00023288	2.86824	PARP9	7.18E-12	3.00925
ARID2	0.0003	-1.55926	RUNDC3B	4.07E-06	2.88552	BAK1	1.68E-05	3.01388
SNF8	0.00015	-1.55908	P2RY6	3.53E-09	2.88945	BST2	3.86E-06	3.01788
TEX2	1.06E-05	-1.55862	MAP3K12	1.38E-06	2.89022	VAMP5	2.98E-05	3.02339
MYST4	5.85E-06	-1.55854	STAT1	5.62E-09	2.895	RFTN1	1.13E-07	3.0266
SESTD1	3.82E-05	-1.55847	TIMP3	0.00073577	2.89839	---	1.02E-06	3.0492
DGKZ	6.75E-06	-1.55838	NOX5 /// SPESP1	6.51E-07	2.9007	FAM107B	4.77E-10	3.05215
SR140	1.51E-05	-1.55837	STAT1	1.37E-08	2.90995	RAB39B	2.62E-06	3.08541
SYK	0.01837	-1.55794	BAK1	2.10E-05	2.91419	AOX1	0.00042774	3.09111
CYFIP2	0.00035	-1.55735	LBA1	2.05E-08	2.92193	ARHGAP18	1.14E-06	3.13298
---	0.0193	-1.55731	IFITM1	8.43E-11	2.92668	IFIT2	8.81E-07	3.13334
TUBD1	1.76E-07	-1.55729	PRIC285	0.00079071	2.93669	CEACAM6	3.65E-08	3.13673
---	4.29E-05	-1.55727	ACADSB	4.79E-05	2.93998	SMAD9	1.41E-06	3.15709
NCOR2	1.25E-06	-1.55701	CAMK2N1	1.54E-05	2.94167	ABCG1	1.98E-06	3.16063
CTEX1D2 /// TM4SF	2.30E-05	-1.557	HMCN1	2.19E-07	2.9462	RAPH1	4.51E-09	3.17011
ZNF219	0.00519	-1.55694	---	2.05E-08	2.95128	FAM107B	3.32E-08	3.1862
---	0.02599	-1.5564	RAB39B	3.38E-06	2.97246	AXIN2	0.00053863	3.18809
MIS12	9.58E-06	-1.55615	PLSCR1	7.39E-08	2.97339	TIMP3	0.00012949	3.21099
ZNF689	1.22E-05	-1.55587	PP9284 /// TMRSS2	1.64E-09	2.97945	KIAA1946	7.92E-08	3.21304
FLJ45482	3.00E-05	-1.55575	FAM13A1	4.73E-07	2.99322	CSTA	2.20E-10	3.22743

CHD1L	0.00255	-1.55569	---	9.60E-08	3.01223	ANGPTL4	9.51E-08	3.23678
ANP32B	1.17E-05	-1.55563	OAS3	3.54E-07	3.01307	CAMK2N1	7.86E-06	3.25933
PRKCI	3.11E-05	-1.55559	LOC286167	1.99E-05	3.01388	DNAJC12	1.38E-10	3.26893
VRK3	0.00548	-1.55558	ACPL2	6.29E-07	3.01397	PCDH20	4.06E-07	3.27112
COIL	3.86E-06	-1.55531	STOM	5.10E-09	3.01676	GPX2	0.00174423	3.27351
FAM111A	8.86E-07	-1.55519	CSTA	3.51E-10	3.01896	IFIT5	8.88E-10	3.29124
FNIP2	0.00756	-1.55503	FZD5	5.49E-06	3.02714	FRMD3	0.00022604	3.30295
ZNF548	0.00432	-1.55468	PARP10	3.26E-05	3.03323	CDKN1A	1.30E-10	3.33744
MGC27345	0.00282	-1.55461	STAT1	1.45E-10	3.04882	TIMP3	0.00032336	3.34217
---	1.85E-05	-1.55459	UST	1.02E-05	3.05693	CEACAM6	1.18E-07	3.34272
FAM115A	0.0052	-1.55449	SP110	2.13E-08	3.05736	FGF18	1.46E-05	3.36035
CCNG1	2.18E-06	-1.55437	LOC100128718	9.99E-05	3.06481	RSAD2	9.67E-06	3.36058
---	0.01827	-1.55431	CXCR4	1.94E-09	3.07431	ACADSB	1.97E-05	3.38195
---	0.0016	-1.55428	FBXO6	1.05E-05	3.07536	DDX60	1.39E-07	3.41495
SHISA2	4.80E-05	-1.5541	CEACAM6	2.05E-07	3.07993	FZD5	2.41E-06	3.43952
ZNF567	0.00164	-1.55396	PP14571	8.27E-07	3.08121	FAM83A	1.92E-07	3.44483
PARP1	6.10E-07	-1.55395	ARNT2	8.96E-06	3.09048	OAS1	6.63E-11	3.446
BBS1	0.00248	-1.55395	SP110	4.36E-05	3.10078	HHEX	1.93E-07	3.45038
CEP152	0.0005	-1.55392	SUSD2	1.38E-05	3.11104	OAS2	5.74E-05	3.45098
ZNF443	4.69E-07	-1.55372	IFITM1	3.25E-08	3.11162	ST3GAL1	3.06E-09	3.5387
LOC100129461	0.00988	-1.55347	IL27RA	6.00E-05	3.11983	RND1	7.72E-07	3.53888
---	0.0003	-1.55332	LOC374443	7.10E-05	3.13119	ANGPTL4	4.43E-07	3.54888
STARD5	0.0008	-1.55313	FGF18	9.99E-06	3.15143	RPS6KA2	3.61E-05	3.55993
LRRFIP1	0.00104	-1.55297	LAMB1	8.54E-07	3.15578	CMPK2	1.77E-09	3.64627
ZFP106	7.90E-06	-1.55286	VLDLR	1.06E-07	3.16066	CXCR4	6.16E-10	3.65997
LOC388969	2.97E-05	-1.55279	FLJ22662	4.84E-06	3.17887	APOD	3.49E-08	3.67754
---	0.00239	-1.55274	PLSCR1	2.42E-10	3.20695	KCNN4	9.57E-06	3.68193
PPA2	0.00971	-1.55267	---	7.20E-06	3.20741	OAS1	6.92E-08	3.71559
---	0.00701	-1.55241	CEACAM6	3.12E-08	3.20915	TBX3	5.82E-07	3.74036
HEATR5A	0.00121	-1.55229	SLC1A1	1.28E-05	3.20978	CLEC7A	1.86E-07	3.76233
SNX24	2.39E-06	-1.55184	---	8.48E-05	3.24483	FAM13A1	1.03E-07	3.7922
---	0.01247	-1.5518	CXCR4	7.14E-08	3.26347	SERHL /// SERHL2	2.01E-05	3.80185
MUC1	2.22E-06	-1.55175	TRIM14	4.57E-06	3.26655	PALM3	9.14E-05	3.82029
PPIB	2.18E-06	-1.55172	STOM	1.80E-10	3.30198	SUSD2	3.93E-06	3.82992
C14orf167	0.0001	-1.55109	FGF18	5.94E-07	3.31867	CXCR4	3.97E-09	3.8396
AP3D1	6.22E-08	-1.55094	ABCG1	2.30E-08	3.32522	OASL	3.43E-07	3.84926
RAD51C	1.25E-07	-1.55089	LGALS3BP	3.20E-10	3.32864	CXCR4	2.55E-08	3.85055
MUCL1	2.47E-05	-1.55087	FAM5C	0.00026604	3.32905	ST6GALNAC4	4.13E-07	3.85197
---	0.00315	-1.55082	CXCR4	9.56E-09	3.33297	IFI44L	5.53E-09	3.85483
HSPA14	2.40E-07	-1.55042	MMP16	0.00037957	3.33893	FZD8	7.73E-08	3.88998
PXMP4	0.00268	-1.55003	DDX58	1.19E-11	3.34452	ELF5	1.35E-06	3.89351
NFATC2IP	2.24E-05	-1.54991	---	1.37E-06	3.35061	PP14571	1.90E-07	3.89903
NSBP1	0.00037	-1.54963	IRF1	7.02E-09	3.36248	ABCG1	8.34E-09	3.92238
---	0.00243	-1.54946	FAS	2.69E-06	3.36726	FAM134B	8.84E-10	3.9282
WDR57	9.72E-07	-1.54925	IL15	2.57E-05	3.40393	FGF18	2.05E-07	3.9587
ARHGEF19	0.00049	-1.54917	S100A4	1.11E-05	3.41965	LOC286167	1.93E-07	3.97342
MPHOSPH1	0.00018	-1.54916	---	1.59E-06	3.42066	ARNT2	1.96E-06	3.97427
KDEL2	1.98E-06	-1.54878	---	5.49E-05	3.42623	ERO1LB	8.83E-05	4.14357
---	5.98E-05	-1.54831	ANGPTL4	6.46E-08	3.435	RARRES3	7.80E-09	4.16921

KLHDC3	1.01E-05	-1.5482	---	0.00206013	3.45501	FAM134B	1.18E-07	4.23057
EXOSC2	0.0002	-1.54796	CLEC7A	1.01E-07	3.48344	CCDC46	7.45E-07	4.24357
STXBP4	0.00032	-1.54779	PALM3	0.00014998	3.48494	FGF18	1.63E-06	4.30254
---	0.00123	-1.54761	STAT1	2.11E-10	3.49243	SERHL /// SERHL2	1.59E-05	4.31351
MED30	1.90E-05	-1.54744	SP110	2.43E-07	3.49849	S100A4	3.01E-06	4.31899
FARP1	0.0007	-1.54743	IFI35	4.30E-10	3.50454	IFIT3	1.07E-07	4.39895
---	0.00715	-1.54725	SP100	3.21E-08	3.54319	IFIT1	3.95E-11	4.55651
---	2.64E-06	-1.54703	CCDC83	2.97E-07	3.54894	---	0.00058117	4.57055
---	0.00785	-1.54684	IFIT2	3.27E-05	3.56422	RPRM	4.85E-07	4.66489
---	1.18E-06	-1.54663	SAMHD1	3.97E-08	3.58959	TMPRSS2	2.56E-06	4.74327
SEPHS1	6.99E-06	-1.54654	ST3GAL1	2.71E-09	3.60715	CTSH	2.61E-10	4.75196
ANXA6	4.50E-06	-1.5464	STON2	4.47E-05	3.61081	IFIT3	5.21E-08	4.8816
TRIM66	0.01342	-1.54638	DTX3L	3.84E-09	3.61297	TIMP3	9.89E-07	4.90128
PGR	4.10E-05	-1.54632	OAS3	3.46E-10	3.6147	---	3.73E-08	4.96507
GAS2L1	4.25E-05	-1.54624	PARP14	6.62E-11	3.61475	MMP16	2.61E-06	5.05337
TMF1	4.15E-05	-1.54605	RND1	6.63E-07	3.62969	CORO2A	2.17E-09	5.08842
C2orf56	0.00021	-1.54582	ANGPTL4	3.66E-07	3.66297	OAS2	2.51E-06	5.10217
---	0.02405	-1.54572	EMR1	6.13E-06	3.68152	FZD8	8.88E-11	5.10857
---	0.00212	-1.54543	CTSH	1.08E-09	3.68277	CORO2A	8.81E-11	5.11639
SLC30A7	0.00077	-1.54531	PARP9	1.35E-07	3.69042	C8orf57	1.84E-07	5.14727
MUT	1.59E-06	-1.54522	FZD8	0.00073417	3.73226	FAM83A	3.92E-08	5.23471
---	0.00547	-1.54509	TAP1	7.99E-09	3.74197	FAM105A	1.77E-07	5.28886
C21orf58	0.00112	-1.54505	PARP12	1.60E-07	3.79097	---	8.63E-06	5.3321
COIL	3.15E-07	-1.54502	OAS2	2.44E-05	3.7976	IFI44	4.02E-08	5.36369
LOC92482	3.47E-06	-1.54497	---	7.02E-06	3.80148	MMD	3.62E-11	5.46395
MRPL42	0.00024	-1.54492	PARP10	2.94E-09	3.83338	SLC41A2	9.44E-06	5.51318
UBAP2L	3.75E-06	-1.54443	FAM83A	9.80E-08	3.84983	SELM	5.40E-06	5.54219
---	0.00426	-1.54441	CCL5	3.21E-06	4.01173	SCNN1A	7.69E-07	5.59854
DKFZP434I0714	1.81E-05	-1.54417	PCSK2	3.99E-08	4.02659	GHR	3.29E-07	5.66058
FAM122B	0.00013	-1.54361	FLJ11286	4.93E-07	4.05145	TNFSF10	2.54E-08	5.95002
RABEPK	0.00076	-1.54296	SELM	2.39E-05	4.06022	CCDC83	1.96E-08	6.00465
ESR1	0.00061	-1.54291	DDX60L	0.00013766	4.16412	TRIB2	9.66E-07	6.0109
ZNF148	0.00041	-1.5428	TSKU	8.49E-09	4.2288	TSKU	1.44E-09	6.07744
LCORL	1.82E-05	-1.54224	HHEX	5.84E-08	4.23286	FGF18	4.65E-07	6.11296
SEPN1	0.00106	-1.54212	CORO2A	5.50E-09	4.24918	HHEX	5.70E-07	6.35024
EHBP1L1	0.00572	-1.54147	SLC7A11	1.94E-06	4.26055	NELL2	2.44E-11	6.42199
RAPGEF6	8.13E-07	-1.54142	LOC286167	1.31E-07	4.26121	GPR37	4.20E-06	6.55891
KLHDC3	3.69E-05	-1.54135	TAP2	6.82E-07	4.2654	PSCA	2.99E-05	6.81012
SP1	2.74E-05	-1.54117	SERPINA5	4.00E-09	4.28891	GDF15	2.34E-12	6.81824
EPS8L1	3.90E-05	-1.54109	FLJ11286	4.76E-08	4.2957	PAQR5	9.22E-08	7.12485
SMAP1	1.23E-05	-1.54108	TNFSF10	1.23E-07	4.30188	TEX14	1.15E-09	7.32275
CCAR1	0.01096	-1.54095	GHR	1.23E-06	4.3127	MME	2.44E-09	7.45856
---	0.0012	-1.54049	HERC6	6.85E-10	4.34256	FAM83A	2.59E-08	7.52265
LOC652755 /// NAIP	0.00032	-1.54017	FAM105A	4.37E-07	4.40193	GPR37	1.04E-10	7.71955
M-RIP	1.32E-07	-1.54011	CORO2A	1.88E-10	4.41172	FAM83A	3.07E-09	8.43754
SACS	0.00447	-1.5401	SAMD9	2.41E-06	4.41585	IFI44	3.37E-07	8.81801
---	0.0037	-1.54009	IFIT5	4.91E-10	4.41595	MAP1B	3.94E-08	9.42296
---	0.00722	-1.54008	HERC5	4.01E-08	4.45958	SERPINA5	1.15E-10	9.72364
LPCAT1	2.42E-07	-1.54	DDX58	2.14E-12	4.4696	XAF1	2.93E-08	9.72658

PPT2	0.00473	-1.53978	FGF18	1.98E-06	4.47807	TNFSF10	2.56E-10	10.1288
FLJ27365	0.01052	-1.53967	PARP9	5.62E-13	4.55138	---	4.37E-06	10.3689
GPR153	0.00127	-1.53952	MME	2.24E-08	4.56135	AOX1	2.36E-11	10.7379
---	0.00096	-1.53947	SAMHD1	1.80E-06	4.61835	CCL20	4.88E-10	10.8564
PDCD10	1.97E-07	-1.5394	FLJ11286	7.59E-14	4.64371	TNFSF10	6.69E-08	10.911
DTWD1	0.00119	-1.53932	TMPRSS2	2.70E-06	4.69283	CYP2C8	6.67E-12	12.4514
CNPY3	1.11E-06	-1.5393	FAM134B	3.31E-10	4.70359	MAP1B	2.84E-07	13.481
DR1	0.00037	-1.53925	FAM134B	6.09E-08	4.80323	XAF1	4.36E-10	16.4274
CAMSAP1	5.22E-05	-1.53917	RPRM	4.01E-07	4.8468			
---	0.00441	-1.53893	LAMP3	7.36E-06	4.85744			
FERMT2	1.15E-07	-1.53855	MMD	6.20E-11	4.89161			
PLGLB2	0.00062	-1.53836	UBE2L6	4.95E-11	4.91636			
TNPO2	1.30E-07	-1.53828	GPX2	0.0002586	4.94013			
9-Sep	2.41E-07	-1.53799	XAF1	2.89E-05	4.944			
ALDH3A2	0.0062	-1.53781	TIMP3	9.23E-07	4.97222			
NR2F2	2.65E-07	-1.5378	TEX14	6.36E-09	4.97276			
---	0.01432	-1.53731	GBP3	5.90E-05	4.98669			
---	0.00011	-1.53726	IFI27	3.47E-10	5.00325			
SERPINB1	0.00289	-1.53723	SLC41A2	1.38E-05	5.05993			
PLCG1	3.47E-05	-1.53721	IFIT5	7.45E-11	5.08565			
ZNF280D	0.0021	-1.5369	FZD8	1.68E-08	5.20496			
LRRC59	8.09E-09	-1.53666	CLEC7A	2.85E-08	5.38379			
C6orf129	0.00027	-1.53639	GDF15	6.16E-12	5.47627			
EPS8L1	2.92E-08	-1.53612	SCNN1A	6.97E-07	5.72392			
CDC42BPA	7.39E-05	-1.5359	SAMD9	1.76E-08	5.8596			
ZNF789	0.00081	-1.53581	OAS1	3.45E-12	5.99803			
---	0.00384	-1.53556	BST2	8.27E-08	6.15801			
FLJ13236	0.00079	-1.53552	C8orf57	8.13E-08	6.16445			
STX6	2.72E-06	-1.53522	PAQR5	1.56E-07	6.26993			
---	0.00215	-1.53517	OASL	7.32E-08	6.2943			
WDR4	1.45E-05	-1.53507	FAM83A	1.69E-08	6.31248			
---	0.00098	-1.53443	CCL5	1.60E-07	6.40194			
CPT1A	0.0072	-1.53418	OAS1	3.94E-09	6.60424			
PSMC2	4.73E-06	-1.53414	MMP16	7.57E-07	6.71636			
ZNF148	0.0161	-1.53395	GPR37	3.46E-06	6.88949			
CDC42	1.94E-06	-1.53369	FZD8	2.20E-11	6.98037			
---	0.00044	-1.53363	USP18	2.00E-11	7.00878			
ENSA	2.64E-05	-1.5333	TNFSF10	9.34E-10	7.15327			
NPHP3	0.00019	-1.5333	CCDC46	5.95E-08	7.38749			
KALRN	3.78E-05	-1.53321	TNFSF10	2.65E-07	7.41514			
---	0.01978	-1.53296	HHEX	2.83E-07	7.56519			
---	0.0136	-1.53291	GPR37	9.59E-11	7.87384			
BRD8	0.0058	-1.53281	---	9.34E-06	8.27646			
TDG	9.44E-07	-1.53241	IFIT1	2.53E-12	8.49666			
CTHRC1	0.00096	-1.53224	PSMB9	1.95E-08	8.63678			
---	0.00932	-1.5321	DDX60	1.42E-09	8.99881			
CCDC18	0.00174	-1.53188	IFIT2	5.16E-09	9.04642			
GRK6	0.00034	-1.53172	OASL	7.14E-09	9.09851			
RHPN2	1.82E-05	-1.53172	CMPK2	2.42E-11	9.19256			

TP53AP1	9.53E-08	-1.53166	FAM83A	1.20E-08	9.2387
GUSB	4.01E-07	-1.53162	TRIB2	1.72E-07	9.40612
FSD1	1.14E-05	-1.53114	MAP1B	3.73E-08	9.56813
MAL2	0.00048	-1.53089	NELL2	5.12E-12	9.59857
OSBPL8	0.00012	-1.53088	AOX1	2.89E-11	10.1178
SGK269	0.0001	-1.53079	FAM83A	1.21E-09	10.9975
ALDH16A1	9.18E-06	-1.53016	RARRES3	1.14E-10	11.3675
VISA	3.54E-08	-1.5299	CCL20	3.93E-10	11.5932
GTF2H1	3.80E-05	-1.52988	RSAD2	3.49E-08	12.3848
---	4.57E-05	-1.52987	IFI44L	3.79E-11	12.4958
LOC100131564	2.65E-05	-1.52978	RSAD2	1.02E-09	12.7783
RBM14	0.00023	-1.52974	CYP2C8	5.74E-12	13.0625
PKD2	0.00113	-1.52969	MAP1B	2.85E-07	13.4671
PHF15	0.00727	-1.52939	PSMB8	2.06E-07	14.7549
BAG5	3.21E-07	-1.52929	IFIT3	4.26E-10	18.3565
MPP7	0.00214	-1.52917	IFIT3	5.14E-10	18.403
ZNF124	0.00073	-1.529	OAS2	2.61E-08	18.8273
GPAM	0.0009	-1.52893	OAS2	7.94E-08	19.1964
TEAD3	7.29E-05	-1.52846	IFI44	4.29E-10	19.6951
BCL9	1.82E-05	-1.52845	IFI44	2.02E-08	22.6235
LANCL2	0.00054	-1.52804	XAF1	5.42E-10	43.2221
ZNF254	6.14E-05	-1.52783	XAF1	1.56E-11	70.1671
ZNF260	1.42E-08	-1.5277			
TMEM97	7.60E-06	-1.52768			
---	0.0017	-1.52767			
FLJ22184	0.00578	-1.52767			
---	0.00899	-1.52742			
ATXN1	4.08E-05	-1.52736			
---	0.00171	-1.5272			
---	0.02394	-1.52695			
ERBB3	4.45E-08	-1.52689			
ENDOGL1	0.00032	-1.52664			
---	0.03309	-1.52645			
ERC1	0.00448	-1.5261			
---	0.00443	-1.52609			
---	1.81E-05	-1.52607			
---	0.00109	-1.52599			
MRC2	0.00815	-1.52585			
KIAA0146	2.89E-05	-1.52579			
SELENBP1	2.36E-08	-1.52562			
AKAP11	3.36E-07	-1.52552			
CCDC90A	0.00094	-1.52548			
ACD	1.66E-07	-1.52524			
MNX1	8.64E-05	-1.52511			
CDK10	0.00039	-1.52499			
C11orf49	3.23E-06	-1.52489			
ARSD	0.00828	-1.52482			
NUP85	1.26E-06	-1.52474			
C9orf80	4.04E-05	-1.52473			

ZNF260	0.00067	-1.52467
NANP	0.00061	-1.52439
AHDC1	0.00012	-1.5243
CHRAC1	4.03E-05	-1.524
TAF6L	0.01474	-1.52375
GLUD1	8.36E-07	-1.52357
H6PD	0.00106	-1.52309
LAGE3	3.35E-05	-1.52281
FCHO1	0.01768	-1.52216
CA11	0.00353	-1.52209
LOC256273	0.00135	-1.52208
TAF5L	1.04E-06	-1.52196
LOC100130776	1.01E-05	-1.52192
CCNL2	2.92E-07	-1.5219
KCTD13	0.00031	-1.52186
---	0.00252	-1.52172
HNRNPD	1.99E-06	-1.52167
PCP4	3.79E-05	-1.52157
CENTD1	7.28E-05	-1.52145
CASC4	0.02355	-1.52135
---	0.00157	-1.52056
---	0.00104	-1.52055
JOSD1	0.00174	-1.52023
PRKDC	1.42E-08	-1.52021
MYST3	6.26E-05	-1.5202
MAPRE1	1.59E-05	-1.52
EPB41L4B	2.48E-08	-1.51947
---	8.72E-05	-1.51937
ALG6	6.25E-05	-1.51915
RBMX	1.11E-07	-1.51905
---	0.00961	-1.51898
---	0.01474	-1.5188
ZBTB44	0.00523	-1.51876
C3orf63	4.75E-07	-1.51868
HNRNPA0	3.22E-06	-1.51865
DAK	0.01969	-1.51863
CRYZ	3.61E-06	-1.51793
00134282 /// LOC100	4.64E-08	-1.51785
AK2	9.99E-05	-1.5175
AP2A1	0.00725	-1.51747
---	0.00456	-1.51737
WDR68	7.82E-05	-1.51703
SNX24	0.00575	-1.51686
FLJ44342	0.00822	-1.51658
SMC1A	0.00442	-1.51648
ATM	0.00532	-1.51636
---	0.00905	-1.51633
FMN1	0.00046	-1.51614
PARD6B	0.09012	-1.51604



PCDHB2	0.00554	-1.51594
CMTM4	9.52E-05	-1.51581
NFATC4	0.02886	-1.51569
TNPO2	0.00015	-1.51557
ERGIC2	0.00781	-1.5155
TMEM97	3.91E-06	-1.51544
GUCY1B3	0.08618	-1.51542
---	0.00037	-1.5153
---	0.00056	-1.515
NNT	4.37E-05	-1.51499
RASEF	0.00058	-1.51467
GAK	1.41E-08	-1.51435
C1orf112	0.00038	-1.51433
SLC25A22	0.00066	-1.51419
ZCCHC17	1.09E-06	-1.5141
H2AFJ	0.00412	-1.51358
NDRG2	0.00326	-1.5132
RNASET2	7.17E-08	-1.5132
RAP2C	7.97E-05	-1.5132
LICAM	0.00032	-1.51309
---	0.00716	-1.51306
DCAKD	0.12789	-1.51304
C15orf29	7.51E-05	-1.51297
CADPS2	9.20E-05	-1.51277
NFIC	1.43E-06	-1.51254
AGPAT7	0.00058	-1.51243
---	0.00353	-1.51207
EPHA4	0.00029	-1.51189
LOC137886	9.13E-08	-1.51187
10-Sep	1.93E-06	-1.51181
DOK1	0.004	-1.51171
LOC202181	0.00119	-1.5116
ALDH7A1	1.54E-08	-1.51138
ZNF160	0.00456	-1.5113
MEIS1	0.00107	-1.51129
FRMD4A	0.00179	-1.51125
---	4.20E-05	-1.51115
MAOA	0.01635	-1.51103
ERBB4	2.65E-05	-1.51083
HMGB1	2.64E-06	-1.51082
SNX26	0.00215	-1.51077
APLN	0.00132	-1.51072
---	0.00107	-1.51059
---	0.00104	-1.51043
---	0.0013	-1.5104
---	0.0009	-1.51032
FAM53C	1.17E-05	-1.50992
PPA2	1.90E-06	-1.50964
---	0.00095	-1.50953

C1orf176	0.0002	-1.50941
GAK	4.88E-06	-1.50938
---	0.00575	-1.50933
TMEM64	0.00048	-1.50897
GSG2	0.02764	-1.50896
FLJ27352	0.00247	-1.50835
---	0.00128	-1.50821
---	0.00175	-1.50818
PCBP2	2.94E-06	-1.50815
RPL37	0.0009	-1.50815
GTF3C1	3.59E-08	-1.50813
OSMR	0.00597	-1.50808
MTHFD1	1.47E-06	-1.50782
SP4	9.83E-06	-1.50767
---	0.0006	-1.50749
KIF26A	0.00057	-1.5071
---	1.97E-05	-1.50703
SS18	0.00142	-1.50699
ZNF652	2.01E-06	-1.50699
FMO5	0.00188	-1.50696
RBM38	2.51E-06	-1.50694
KBTD4	0.00014	-1.50661
MLLT10	0.00097	-1.50656
PTPRF	1.38E-05	-1.50624
P15RS	8.94E-07	-1.50618
RBM8A	7.58E-06	-1.50614
PRIM2	0.00458	-1.50603
HDGF	1.29E-05	-1.50584
---	0.00299	-1.50579
PHACTR4	9.65E-05	-1.50578
COL12A1	0.00271	-1.50578
---	0.00118	-1.50574
TXN	7.15E-07	-1.50549
---	0.004	-1.5052
---	2.25E-07	-1.50491
TNRC6C	0.002	-1.50486
STAG1	0.023	-1.50484
C7orf29	0.00068	-1.50436
NIPBL	0.00025	-1.50427
---	1.09E-08	-1.50413
C19orf43	2.82E-06	-1.50412
SGPL1	9.19E-07	-1.50406
KIAA1704	0.00452	-1.50402
MAP3K2	0.00438	-1.50389
GLUL	0.00019	-1.50385
UNC45A	1.66E-06	-1.50352
M1 /// CALM2 /// CA	8.04E-07	-1.5033
---	0.00118	-1.50324
UBTF	6.92E-08	-1.50302

NKTR	0.04656	-1.503
PWWP2A	0.00072	-1.50299
ENTPD2	2.26E-06	-1.5025
LCOR	0.00013	-1.5023
EMP2	5.36E-06	-1.50215
BUD13	9.42E-05	-1.50184
SMARCC2	4.40E-05	-1.50162
SPRED2	0.0003	-1.50136
MTG1	0.00453	-1.50136
SLC25A23	0.00248	-1.50081
NARG2	0.00152	-1.50048
---	0.00033	-1.50047
NET1	0.00028	-1.50045
---	0.02462	1.50006
---	0.01478	1.50047
MESP1	0.0061	1.50055
C1orf9	2.90E-06	1.5006
PGRMC2	6.95E-05	1.50064
ENC1	0.03389	1.50077
USP53	0.00069	1.50092
---	0.03024	1.50104
SGMS1	0.00498	1.50105
C20orf194	0.00079	1.50115
ECD	2.52E-07	1.5012
ATP13A3	0.00176	1.5012
P4HA2	5.47E-06	1.50132
BCAP29	0.0002	1.50144
---	0.04571	1.50144
HCG18	0.00114	1.50151
BCCIP	3.99E-05	1.50181
---	1.18E-05	1.50186
FGF18	0.01418	1.50237
RBPM5	0.00032	1.50262
CLIP1	0.00659	1.50301
GRB14	0.00033	1.50313
PHLDA3	0.00052	1.50319
HERC4	0.00012	1.50368
C6orf166	0.00445	1.50427
FOXO3	0.0004	1.5043
3-Mar	0.01247	1.50436
WDR89	2.72E-05	1.50473
TSG101	1.04E-06	1.50493
SHISA5	5.28E-06	1.50511
TMEM42	0.00032	1.50511
KIAA1946	0.06967	1.50514
MAX	2.28E-05	1.50516
---	8.83E-05	1.50519
SRI	3.04E-07	1.50525
SOX2	2.32E-05	1.50538

ESPN	7.75E-05	1.50542
YAF2	0.00032	1.50543
IQSEC1	0.00065	1.50581
NQO1	3.00E-06	1.50584
---	0.02084	1.50629
AKTIP	3.41E-09	1.50652
PSCD3	0.00231	1.50676
NFE2L1	4.43E-06	1.50702
CEP63	0.00032	1.50713
TM2D1	7.36E-05	1.5072
ALG13 /// CXorf45	1.72E-05	1.50742
GOLT1B	1.14E-05	1.50755
ZNF252	0.00018	1.50772
DTNA	0.03478	1.50772
ST8SIA4	0.00087	1.50796
C9orf3	0.00013	1.50797
CREB3L2	0.00024	1.50806
GOSR2	0.00033	1.50855
RIOK2	3.47E-05	1.50888
RTCD1	4.83E-05	1.50913
ELL	0.04785	1.50983
DNAJA4	0.03203	1.50998
ARMCX5	0.00527	1.51002
C14orf73	0.00233	1.51005
CFB	1.25E-05	1.51019
OSGIN2	0.06795	1.51029
ZNF33B	0.00047	1.5106
---	5.16E-06	1.51078
RELL2	0.00343	1.51095
EXOSC4	8.33E-05	1.5111
SLC39A1	1.40E-07	1.51114
SLC35A2	0.00026	1.51118
OGT	9.95E-06	1.51132
C2orf55	0.0006	1.51133
GLG1	0.02155	1.51147
ZFAND3	0.00038	1.5118
MYO5B	1.08E-06	1.51239
MPI	3.82E-05	1.51259
EPAS1	0.01753	1.51271
LBA1	3.00E-05	1.51283
LOC729446	0.01018	1.51284
RHOQ	2.56E-05	1.51288
CHCHD7	0.00025	1.51288
C1orf108	5.88E-05	1.51339
CSNK1E	0.0004	1.51356
ORMDL3	0.1196	1.51358
YIPF6	9.67E-05	1.51378
KLF9	0.01162	1.51397
PDCD6IP	4.97E-05	1.51413

FIS1	0.00041	1.51456
RPL13	1.27E-05	1.51506
SGSH	0.06838	1.5153
STX3	0.00011	1.51535
NLE1	0.00099	1.51537
ZNF227	0.00367	1.51541
SLC25A46	8.12E-08	1.51545
FBXO3	2.68E-05	1.51588
WBP1 /// ZNHIT4	3.63E-05	1.5164
TICAM1	0.0109	1.51668
KLF3	0.00312	1.51691
LOC90826	0.00055	1.51711
PLEKHG6	0.01368	1.51789
CYP51A1	0.01051	1.51818
BTBD14A	0.02618	1.5182
MFAP3	4.69E-06	1.51826
GPX3	5.57E-06	1.51831
PIP5K1A	0.00046	1.51843
FYCO1	8.08E-05	1.51871
BSDC1	7.57E-06	1.51906
MIRN21	2.51E-06	1.51936
FSD1L	0.01191	1.51952
EPS15L1	0.0001	1.51991
ABAT	3.90E-07	1.52047
---	0.01128	1.52058
TRAF3	0.00924	1.5209
JMJD2B	0.00368	1.52092
TRIM27	1.12E-07	1.52131
PSD3	2.57E-05	1.52133
ATP5S	2.05E-05	1.52151
RNF146	0.00055	1.52186
C22orf27	1.85E-05	1.52194
LDLR	0.0005	1.52195
F2RL1	0.00133	1.52204
HEBP1	3.47E-07	1.52207
ACLY	1.59E-06	1.52221
SMPDL3A	2.72E-05	1.5232
AGGF1	0.00294	1.52342
PTGES	0.00074	1.52361
C100128167 /// SLC3	0.00275	1.5238
EFHD1	3.84E-05	1.52386
RRP12	0.00446	1.52395
---	0.00468	1.524
LGALS3	3.86E-08	1.52404
---	0.00213	1.52429
C2orf15	0.00479	1.52463
FECH	0.00022	1.52486
---	0.00227	1.52498
SP3	3.55E-07	1.52508

LOC116349	0.00166	1.52527
LOC374443	0.02449	1.52537
EHD3	0.00168	1.52575
HRBL	5.34E-05	1.52584
ENO2	2.57E-08	1.52609
SYVN1	1.98E-05	1.52614
PTDSS2	9.36E-06	1.52618
EID3	0.0008	1.52649
PPFIBP1	0.00551	1.52651
LOC137886	0.00279	1.52682
FAM21C /// FAM21D	2.13E-06	1.52686
CMTM8	0.00048	1.52689
SFXN4	1.22E-06	1.52778
PIK3R1	0.00026	1.52832
ABCC10	1.67E-05	1.52876
RRP9	9.10E-05	1.52883
ZNF789	0.00012	1.52901
SESN2	2.71E-05	1.52918
BECN1	1.18E-05	1.52937
C100128167 /// SLC3	1.75E-06	1.52958
RAI2	0.01361	1.52973
ACSL3	0.00018	1.53013
CCNH	5.13E-09	1.53018
PIGL	0.00503	1.53029
---	0.00643	1.53042
CLK1	4.73E-05	1.53043
---	8.22E-07	1.53043
ZNF436	0.00014	1.53054
PHACTR2	2.94E-05	1.53083
ISL2	0.11574	1.53085
STOM	6.08E-07	1.5309
CTTN	6.20E-07	1.53094
CXorf56	8.76E-05	1.53096
FAHD1	3.31E-05	1.5312
MB	2.16E-05	1.53121
SCLY	0.00024	1.53155
FBXO8	0.00024	1.53178
TRIB2	0.01325	1.53195
---	0.02642	1.532
SOX4	4.99E-07	1.53216
TUBB2A	2.65E-07	1.53218
LOC100132341	0.01182	1.53224
KLHL7	1.90E-05	1.53229
OGFR	0.00019	1.53256
LTB4DH	0.00022	1.53274
TNPO1	4.28E-06	1.53318
PNPLA8	7.35E-08	1.53341
POFUT2	8.11E-07	1.53358
NR1D2	0.00019	1.53365

ERO1L	7.47E-07	1.53386
UBE2O	0.00115	1.53455
TMEM208	0.00019	1.53457
SPATA7	4.25E-06	1.53483
ABHD2	4.50E-05	1.53524
ATP9A	2.09E-07	1.53528
PD3 /// RGPLD4 /// RC	0.0003	1.53533
HEXIM1	1.07E-05	1.53543
QPRT	2.65E-06	1.53579
RBM19	0.00021	1.53637
AKTIP	0.00015	1.53643
MDK	4.00E-06	1.53645
NAPB	0.00034	1.53661
C9orf52	0.00455	1.53665
---	0.00467	1.53677
MSMB	0.00014	1.5374
TGFB3	0.02835	1.53778
FAM110C	0.00115	1.53786
SLC25A36	8.72E-07	1.53818
FAM114A1	5.75E-07	1.53829
JMJD6	2.66E-05	1.5383
TIGD2	0.00067	1.5387
RILPL1	0.00026	1.53873
---	8.44E-05	1.53873
LOC100129196	0.00139	1.53879
PFKFB4	0.00282	1.53892
SETD4	4.64E-05	1.53902
ATP6V0E1	0.00209	1.53966
GAD1	0.00627	1.53967
RNF150	0.01976	1.53981
ATP6V1C2	0.0011	1.54021
PPP3CC	0.00241	1.54033
TncRNA	0.007	1.54053
KIAA0922	1.61E-05	1.54055
SAR1B	6.68E-05	1.54057
PEX13	0.00773	1.54074
ARL1	1.02E-05	1.54075
---	0.00282	1.54096
CFL2	2.72E-05	1.54105
RAB21	1.20E-09	1.54107
C15orf39	0.02118	1.54151
MTHFD1L	0.00394	1.5417
SLC35E1	1.49E-05	1.54179
CDS2	1.69E-05	1.54206
FAM107B	8.13E-07	1.54215
---	0.00409	1.5425
FTO	2.08E-06	1.54256
TRABD	0.00386	1.54268
WIPF1	0.00387	1.54346

GNL3	1.71E-08	1.54387
C3orf28	1.42E-07	1.54403
SCCPDH	8.01E-08	1.54421
FAM26F	0.00205	1.54449
PITPNB	3.33E-07	1.54453
VPS13C	1.02E-05	1.54478
KCNMB3	0.00107	1.54533
PITPNC1	0.02632	1.54534
FLJ22167	0.00156	1.54536
ETF1	1.30E-07	1.54567
CDK6	0.07466	1.54582
SEC23A	0.00026	1.54585
C16orf68	6.17E-05	1.54626
FAS	0.00026	1.54631
CAB39L	0.00824	1.54665
NFE2L1	1.01E-06	1.54674
FEM1A	0.00044	1.54696
N4BP2L2	0.00029	1.54698
STEAP3	0.00878	1.54729
NUPL1	0.00048	1.54778
SCAMP2	4.52E-06	1.54828
---	0.00723	1.54828
UNC13B	2.19E-05	1.54864
MAFG	5.02E-07	1.54877
---	0.00891	1.54925
BCAR3	0.00214	1.54945
LYSMD2	1.52E-07	1.54948
CCRK	0.00201	1.54956
---	0.00031	1.54963
PRKCH	5.26E-05	1.54971
C11orf71	0.00011	1.55036
FAS	0.00059	1.55049
MTERFD2	0.00133	1.55068
MTHFR	0.01317	1.55123
CASP8	0.00688	1.5513
SLC25A36	2.56E-07	1.55151
CNNM1	0.16057	1.55156
STX7	0.00012	1.55174
ANK3	8.73E-06	1.55202
NLRC5	0.01638	1.55207
---	0.0006	1.55229
MLX	9.23E-06	1.55241
PMAIP1	0.00228	1.55311
C2orf30	1.00E-08	1.5532
C6orf106	2.64E-05	1.55414
B2M	1.52E-06	1.5543
SETDB2	1.89E-05	1.55434
FBXO30	0.00011	1.55473
FAM60A	4.67E-10	1.55479



TOM1	2.47E-05	1.55503
LOC100130097	0.0252	1.55506
NSUN4	7.17E-06	1.55508
LIN7B	2.59E-05	1.55519
HNRNPU	0.00259	1.55535
DNAJA2	0.00105	1.5554
FYN	0.00125	1.55578
PYCR1	4.64E-05	1.55582
LDLR	1.30E-06	1.55593
C19orf24	5.08E-05	1.55603
SFXN4	8.78E-05	1.55648
TBC1D8	6.05E-05	1.5569
MYO1E	0.00013	1.55694
THAP3	0.00217	1.55752
FZD7	0.0001	1.55764
---	0.04421	1.55783
LOC100130360	0.03714	1.55824
SFMBT2	3.36E-07	1.55828
SCAND1	0.00115	1.55855
CCPG1	0.0001	1.55882
WDR21A	1.93E-05	1.55889
LOC645676	8.87E-06	1.55903
P2RX2	0.00118	1.55906
CPNE1	2.04E-05	1.5591
CAMK2D	7.19E-06	1.5591
UBE2D1	3.40E-05	1.55911
CCDC93	0.00782	1.55932
STAM2	0.02579	1.5595
LDOC1	9.32E-07	1.5597
IDUA	1.35E-05	1.55979
PPP2R5B	0.0058	1.5598
CNNM2	0.00394	1.56007
LYPLAL1	1.14E-06	1.56015
TMEM170	1.63E-06	1.56026
CDK7	1.84E-06	1.561
OGFR	0.00036	1.56107
YIPF6	4.69E-07	1.56115
XRN1	2.32E-05	1.5617
JMJD4	1.20E-05	1.56216
IFITM2	4.39E-08	1.56237
NEK8	1.19E-06	1.56248
RAB6A	6.66E-05	1.56256
ZNF330	8.38E-08	1.56287
C100131062 /// PTP4	0.00132	1.56321
PFKFB2	7.93E-06	1.5634
ITCH	0.00023	1.56352
RAP1GAP	0.00051	1.56353
COX4NB	0.00067	1.56364
ISCU	4.20E-09	1.56381

---	0.00137	1.56425
---	0.00106	1.56432
ME1	5.96E-07	1.56439
STX16	1.75E-05	1.56466
TMEM80	0.0002	1.56543
ARL1	0.00042	1.56573
FOXO3	3.99E-09	1.56584
RGMB	0.00213	1.56613
TAX1BP1	3.60E-06	1.56631
UCHL3	2.38E-06	1.56666
CHD2	0.01034	1.56672
CHD2	0.00092	1.56679
---	0.02392	1.56705
HCG4	0.00725	1.56706
SWAP70	0.00566	1.56715
SESN3	0.01795	1.56728
PCYT2	0.00015	1.56731
FAM98A	9.38E-06	1.56742
NDRG1	6.76E-08	1.56794
FAM21B /// FAM21C	3.04E-06	1.56857
EIF2A	2.57E-06	1.56862
YIPF5	7.62E-05	1.5687
SLC35A3	5.30E-05	1.56875
TMED8	0.00047	1.56897
PFDN2	1.46E-07	1.56962
CCDC91	1.00E-04	1.56967
ARPC4 /// TTLL3	0.00049	1.57029
GBA2	0.00236	1.5705
UTX	0.0071	1.57051
ELL2	0.00052	1.57053
SMAD3	5.37E-05	1.57061
STAT2	6.10E-06	1.57071
ABCA12	0.00015	1.57092
MBNL2	0.00351	1.57109
SESN2	1.31E-06	1.57115
GADD45G	0.00422	1.57167
LSS	4.86E-09	1.57171
ELF3	5.37E-06	1.57191
ST7L	5.17E-05	1.57222
TCEAL1	6.15E-07	1.57287
MPZL2	8.46E-06	1.57295
TXNRD1	5.42E-07	1.57316
HIVEP2	0.0007	1.57327
FAM20C	1.30E-06	1.5734
C9orf58	0.00018	1.57386
YIPF4	0.00043	1.57432
SOS2	0.00331	1.57454
OSMR	0.00015	1.57477
FOXO3	0.00062	1.57479

WIP1	0.00015	1.57495
CHPT1	0.00018	1.57505
ARL6	0.00399	1.57509
---	0.03935	1.5751
TMEM129	3.49E-05	1.57537
C2orf43	0.00569	1.57574
MGST1	1.28E-05	1.57615
HEXA	9.29E-08	1.57625
---	1.96E-07	1.5763
SLFN5	0.00572	1.57644
HIST1H2BG	2.09E-05	1.57709
MREG	1.25E-05	1.5772
CDKN2AIP	5.63E-06	1.57773
EXOSC4	4.20E-05	1.57786
ZFAND5	4.49E-07	1.57793
BRWD1	4.28E-05	1.57843
ATP6V0B	1.94E-05	1.57862
RABGGTB	3.00E-06	1.57863
---	0.00042	1.57863
NHLRC2	0.09242	1.57921
CSG1cA-T	0.00015	1.57923
PATL1	0.00033	1.57926
SNX1	1.03E-07	1.57965
COL4A3	0.02133	1.58064
EXOC2	0.00035	1.58111
FAM60A	6.56E-05	1.58136
C10orf118	0.00653	1.58202
RRAS2	5.86E-06	1.58206
---	0.0001	1.58245
COPA	0.00266	1.58403
RAB11FIP4	0.00022	1.5843
MOBKL2C	0.00041	1.58433
ELF5	0.00255	1.58495
ZNF286A	0.00202	1.58502
SPAG9	1.42E-05	1.58526
BAK1	0.00516	1.58529
AFF4	0.06332	1.58553
CLDN4	4.54E-07	1.58582
RSC1A1	0.0028	1.58589
FECH	1.56E-08	1.58601
LOC338651	0.00075	1.58619
LATS2	0.00021	1.58642
RNF170	0.00374	1.5867
TAF8	0.00044	1.58692
RCHY1	3.71E-07	1.58759
---	0.00741	1.58772
FNDC3B	0.03246	1.58809
IRS1	1.72E-06	1.5881
MPZL2	0.01042	1.58816

---	0.00857	1.58862
PTK6	2.69E-05	1.58869
NR1D2	0.00682	1.58869
HEL308	0.00032	1.58906
RPS6KL1	4.23E-05	1.5894
PAK2	4.30E-05	1.58949
JOSD3	2.92E-06	1.58971
SLC7A6 /// TRPV6	3.03E-07	1.58981
ATP6V0E1	0.0011	1.58986
WDR74	0.00012	1.58987
GFPT1	2.80E-05	1.59018
RNF123	6.13E-05	1.59028
RHOBTB3	0.00029	1.5904
RAPH1	0.00012	1.59045
HLA-E	8.81E-07	1.59074
---	6.10E-05	1.5909
TMLHE	0.00023	1.591
SIX1	8.76E-05	1.59157
KIAA0494	2.84E-05	1.59168
EPB41L2	0.00023	1.59173
GNB5	9.75E-05	1.59192
ITFG1	0.00129	1.59225
BSDC1	1.20E-05	1.59258
NFIA	0.00082	1.59314
TCEAL3	2.86E-06	1.59405
ATP5G1	6.80E-07	1.5942
---	0.01856	1.59431
RCHY1	2.68E-06	1.59458
P117	0.00044	1.59458
PRR15	1.76E-06	1.59466
---	0.00132	1.59516
LPIN2	4.55E-05	1.59519
TP53INP1	0.00318	1.59525
CALU	1.62E-05	1.5956
DDEFL1	0.00622	1.59575
HIST1H3F	1.46E-06	1.59588
FAM21B /// FAM21C	1.25E-07	1.59593
PCTK2	7.70E-05	1.59636
AQP3	2.38E-07	1.59638
CCNG2	1.46E-06	1.59674
TRIB3	1.05E-05	1.59779
HEATR1	0.02403	1.5979
FOXO3	4.52E-06	1.59795
ATG2B	0.00825	1.59801
---	0.00085	1.59802
C17orf59	6.21E-06	1.59813
ZSWIM6	8.13E-06	1.59815
TAPBPL	0.00296	1.5982
INSIG1	0.00039	1.59889

ABAT	0.00052	1.59929
MRTC1 /// LOC7286	3.72E-05	1.59994
FAM50A	3.73E-07	1.59999
RETSAT	0.00015	1.60112
LACTB	2.90E-05	1.60124
FAM107B	3.23E-05	1.60147
ZBTB46	0.00028	1.60151
PPP1R3F	3.80E-05	1.6017
HACL1	2.42E-07	1.60188
S1PR3	2.46E-06	1.60191
ENSA	5.90E-07	1.60276
MFSD1	4.75E-07	1.60295
COMTD1	5.89E-05	1.60312
SLC26A2	2.06E-05	1.60317
PEX3	6.66E-06	1.60336
C12orf49	6.08E-10	1.60338
FAM21A /// FAM21B	2.95E-07	1.60347
TMED7	0.01072	1.60375
CAB39L	7.02E-05	1.60378
METAP2	0.00076	1.60402
KLHDC2	9.66E-08	1.60414
LOC400604	0.0011	1.60431
NOL6	0.00442	1.60438
ST8SIA4	0.00012	1.60489
GBP1	0.00423	1.60516
ATP2C2	0.00475	1.6052
FAHD1	8.69E-06	1.60581
EXOSC4	2.51E-06	1.60619
KIF5B	5.13E-07	1.60621
SLC25A20	0.01748	1.60624
FNTA	7.52E-05	1.60676
ESPN	0.00725	1.60707
SYTL2	4.95E-06	1.60822
UBE2F	0.00189	1.60838
NLE1	1.47E-06	1.60955
STAT2	5.69E-06	1.61016
BOLA2 /// BOLA2B	6.96E-06	1.61071
---	0.00015	1.61099
TMED7	0.00072	1.61128
ENSA	1.44E-07	1.61153
SH3BP5	3.56E-06	1.61171
MID1IP1	1.35E-05	1.61172
TSPAN5	0.00649	1.61181
RIOK3	2.79E-07	1.61192
MYO18A /// TIAF1	0.00951	1.6121
KLHL28	0.00019	1.61247
B4GALT4	0.00017	1.61258
---	0.00014	1.61277
FLRT3	0.01444	1.61283

NKHD1 /// EIF4EBP	4.19E-07	1.61293
ZNF770	1.08E-05	1.61313
PRKAA1	0.00024	1.61314
LPIN1	0.01426	1.61374
CYP1A1	0.00038	1.61398
RP5-1000E10.4	0.00068	1.61417
CYP51A1	5.71E-06	1.61475
RBM18	1.02E-05	1.61485
FOXO3	3.08E-05	1.61488
MAF	0.00139	1.61507
COG1	0.00016	1.61523
TARBP1	7.84E-06	1.61562
APOOL	5.73E-06	1.61572
YWHAG	4.47E-08	1.61575
---	0.0025	1.6161
TRIM27	1.38E-05	1.61612
PTGER4	0.00026	1.6165
VEZT	5.22E-05	1.61703
C21orf91	0.00067	1.61712
ORMDL2	5.73E-07	1.61746
TSPAN5	0.01639	1.61766
BCL2L13	0.0037	1.61768
ZDHHC2	0.00132	1.61785
PDPK1	5.94E-06	1.61839
CCNL1	3.75E-07	1.61866
RNASE4	0.00027	1.61881
BTG3	4.54E-06	1.61906
CPD	0.01221	1.61914
QTRT1	2.18E-05	1.61927
PSCD2	8.23E-08	1.61971
INSIG1	9.02E-08	1.61989
SGEF	0.00087	1.6209
LOC153346	0.00183	1.62146
RETSAT	6.20E-07	1.62204
EGLN1	4.43E-06	1.6221
TAS2R14	0.0018	1.62232
PRKRIP1	5.49E-08	1.62252
WWC1	6.53E-05	1.62299
ANKRD46	1.23E-05	1.62306
NDUFV3	2.83E-05	1.6236
TBC1D30	1.25E-05	1.62386
SH3BP5	3.13E-07	1.62428
LOC162993	2.28E-05	1.62531
ACLY	4.77E-05	1.62533
LEKR1	0.00022	1.62548
---	2.95E-05	1.62575
SNRPC	1.14E-05	1.62614
ANXA7	1.07E-09	1.62687
COMT	5.56E-06	1.62747

ACBD3	7.34E-07	1.62782
ZNF592	1.97E-05	1.62791
SAR1B	1.32E-07	1.62844
GRINA	8.75E-06	1.62874
CCNG2	7.51E-06	1.62881
MGC33894	0.00533	1.62924
FLJ41603	0.00822	1.62997
APBB2	6.57E-06	1.63091
SUB1	2.84E-05	1.63196
WBSCR18	3.07E-05	1.63213
SRPRB	3.21E-05	1.63216
APBB2	2.02E-07	1.63219
ZNF654	0.00022	1.63223
RAB11FIP3	2.59E-05	1.63247
MIA3	0.00041	1.63249
TAOK3	4.18E-06	1.63279
KLF5	1.75E-05	1.63306
---	4.63E-06	1.63338
KIAA0020	1.03E-05	1.63355
B9D1	0.00584	1.63403
SLC26A2	6.32E-06	1.63431
YIPF5	2.19E-05	1.63435
EDN1	0.01101	1.63498
CCNL1	2.75E-07	1.63543
C17orf39	0.00068	1.636
FAM44B	1.41E-07	1.63664
COMMD10	7.34E-05	1.637
LST1	0.02827	1.63749
LDHD	0.00911	1.63757
HLA-G	6.04E-05	1.63758
PRRC1	5.18E-06	1.63826
CHD2	2.02E-05	1.63834
JOSD3	1.50E-06	1.63856
OGFR	7.27E-06	1.64057
P2RX2	0.00035	1.64063
ITPKC	0.00035	1.64075
---	0.00063	1.64093
JTV1	3.04E-06	1.64118
WWP1	1.16E-06	1.64118
PMM2	2.38E-06	1.64149
FAM46A	9.08E-07	1.64151
33072 /// LOC729991	2.30E-05	1.64211
RHOQ	0.00083	1.64211
A16L21.2.1 /// GNG1	0.00101	1.64245
N4BP1	8.38E-06	1.64363
LIFR	0.01431	1.64395
CEBPG	8.19E-07	1.64478
KIAA1217	0.02739	1.6449
FJX1	0.01591	1.64494

BTN3A3	0.00078	1.64505
IDI1	2.48E-07	1.64543
HCCS	2.64E-06	1.64556
SPANXC	4.71E-05	1.64575
ZDHHC7	3.78E-09	1.64612
SEC23A	1.06E-06	1.64728
C8orf4	0.0215	1.64739
LONRF1	2.05E-07	1.6477
FBXL5	0.00036	1.6478
DUSP1	9.08E-05	1.64791
GRB2	4.70E-10	1.64798
TMEM49	4.71E-07	1.64821
RQCD1	0.00257	1.64842
NDUFA6	9.60E-08	1.64858
C2orf60	8.73E-05	1.64886
LMCD1	0.07034	1.64887
TMEM63A	3.53E-05	1.64915
KIAA0494	6.16E-07	1.64973
SERINC1	9.66E-05	1.64992
NFE2L1	6.07E-06	1.65006
ANAPC1	5.72E-07	1.65033
KITLG	0.00044	1.65046
TBC1D9	6.36E-06	1.65069
CREB3	1.81E-06	1.65113
ETF1	2.97E-08	1.6516
MIA3	0.00019	1.65161
ALAS1	3.27E-05	1.65187
SLC29A2	3.40E-05	1.65215
MCOLN2	0.03383	1.6527
---	2.16E-05	1.65311
GABARAPL1	0.00811	1.65319
HHEX	0.00467	1.65387
LAMA5	0.00434	1.6543
---	0.00136	1.65538
---	6.66E-05	1.65599
FTL	3.98E-08	1.656
CDYL	5.08E-07	1.65623
CLCN7	3.13E-06	1.6566
CALU	5.34E-07	1.65683
---	0.05518	1.65686
MAP3K9	0.0046	1.65751
EGLN2	5.36E-07	1.65818
GADD45GIP1	1.70E-05	1.65832
---	1.21E-05	1.66061
SPOPL	2.06E-06	1.66198
CARS	1.94E-06	1.66241
FLJ40142	0.00023	1.66249
ITPR1	0.11033	1.66263
DDHD1	2.64E-07	1.66281



IDI1	5.28E-07	1.66282
---	1.03E-05	1.66333
ARHGAP12	1.89E-06	1.66336
ECH1	8.55E-06	1.66362
EIF2C4	3.48E-09	1.66411
CYP4Z2P	0.0048	1.66421
PEX13	0.00047	1.66427
NAPG	1.28E-05	1.66427
SPOPL	7.86E-10	1.66447
TMED4	0.00025	1.66463
SYTL2	2.34E-06	1.66463
BCOR	0.00046	1.66477
LYRM4	0.00015	1.66484
SLC25A26	2.16E-05	1.66511
---	2.64E-06	1.66547
FOXO3	1.15E-07	1.66559
SOAT1	0.00132	1.66639
ELF5	0.00195	1.66703
GGPS1	0.00167	1.66803
PFKFB3	1.43E-05	1.66811
UTX	0.00019	1.66812
FXR1	4.30E-06	1.66935
C7orf53	0.00229	1.67066
DUSP16	4.95E-06	1.67094
LOC100132990	0.00023	1.67094
PVT1	1.71E-05	1.67106
CPD	0.00678	1.67139
TRAPPC5	5.08E-06	1.67194
WNT4	9.05E-05	1.67218
---	0.00094	1.67229
MSI2	9.59E-05	1.67242
CYLD	0.01813	1.6733
DAPK3	1.94E-05	1.67341
PIM3	1.90E-07	1.67378
LOC144481	0.00601	1.67408
BXDC1	1.29E-07	1.67433
M189-UBE2V1 /// UBE2V1	1.96E-06	1.67458
THTPA	0.00026	1.67481
YPEL2	5.34E-07	1.67515
RHBDD3	0.00014	1.67533
OSGIN1	1.16E-05	1.67594
USP31	0.0002	1.67594
LARP4	0.0267	1.67612
TBC1D4	0.00014	1.67673
DUSP16	0.00024	1.67761
HSPA1A /// HSPA1B	3.63E-05	1.6778
M1 /// CALM2 /// CALM2	3.26E-06	1.67782
JTV1	8.07E-10	1.67791
FOXJ3	0.00149	1.67856

JMJD2B	1.33E-08	1.67934
NLN	0.0006	1.67976
PHACTR2	0.00338	1.67992
---	0.01193	1.68029
PDXK	2.93E-06	1.68064
C1orf156	3.82E-06	1.68083
PDXK	8.92E-07	1.68086
DNAJC12	0.00248	1.68205
EIF5	2.03E-07	1.68238
EGLN1	1.07E-05	1.6832
ZMYM5	0.00024	1.68343
---	3.72E-06	1.68347
ITCH	4.16E-05	1.6836
---	5.40E-05	1.68431
CDC37L1	2.12E-06	1.68441
KIAA1217	0.00019	1.68499
PAK2	5.63E-08	1.68515
HSPA4L	2.31E-06	1.68551
CBR3	1.38E-05	1.68614
BCAS3	5.80E-08	1.68619
BRI3	1.17E-06	1.68638
FFAR2	0.00251	1.68654
ZNF174	0.00578	1.68666
BCOR	2.63E-05	1.68673
MED8	3.25E-05	1.68678
C7orf42	1.31E-05	1.68687
PSPC1	3.39E-06	1.68868
MLSTD1	9.52E-06	1.68936
C2orf27	3.66E-05	1.68939
PHACTR2	0.00238	1.69004
---	5.66E-05	1.6903
GLRX	0.00213	1.69093
LOC100131989	0.02936	1.69098
LOC286167	0.00281	1.69154
RP11-529I10.4	7.45E-06	1.69155
INADL	0.00835	1.69215
TAX1BP1	9.48E-07	1.69294
SELI	9.82E-07	1.69338
TAPBP	0.00182	1.6935
C8orf38	1.89E-09	1.6936
IL6ST	1.44E-05	1.69366
---	0.00017	1.69372
FOXP1	0.01495	1.69383
UQCR	0.00624	1.69389
TMEM136	0.00128	1.69429
ZNF79	0.00039	1.69468
ANXA7	3.31E-06	1.69509
XIAP	5.38E-05	1.69525
ZNF592	2.68E-06	1.69544

ATP6V1G1	2.25E-09	1.69576
SCN1B	0.00012	1.6959
---	0.00039	1.69666
DYRK2	7.66E-05	1.69693
SENP2	5.52E-06	1.69739
LOC729580	0.00011	1.69772
---	0.00054	1.69789
BAT2D1	0.00022	1.69837
GPD1L	2.04E-09	1.69917
---	1.93E-07	1.69936
SUPT7L	0.00022	1.69968
LONP2	0.00017	1.69975
YKT6	9.77E-06	1.70006
JMJD6	0.00035	1.70063
GUF1	0.00204	1.70163
GBP1	0.05654	1.70166
PPP1R3C	2.55E-05	1.70184
MAP3K13	0.00038	1.70215
ACSL3	1.01E-05	1.70244
SNHG8	1.96E-07	1.70322
---	0.00027	1.70325
---	0.01012	1.7037
PATL1	1.82E-06	1.70393
NUDT4 /// NUDT4P1	2.49E-06	1.70432
TRIB3	7.42E-06	1.70456
TMEM120B	0.00127	1.70476
PHF20	0.00012	1.70486
PPA2	0.00258	1.7051
C10orf118	2.19E-06	1.70535
CHMP1B	1.29E-05	1.70562
SLC39A7	0.00016	1.70575
STX3	0.00064	1.70612
USP53	0.00016	1.70625
IL6ST	5.45E-05	1.70627
C14orf100	9.13E-07	1.70657
SOX2	3.32E-05	1.70672
---	0.00752	1.70687
LOC751071	6.22E-05	1.70701
CCNYL1	1.69E-05	1.70728
C15orf17	0.0041	1.70841
CLIP1	6.36E-05	1.70884
DVL2	4.76E-05	1.70905
UBL3	2.54E-06	1.7097
EME2	5.61E-05	1.71003
LOC100049716	2.96E-06	1.71023
KIAA0423	7.70E-07	1.71141
PVT1	0.01109	1.71186
TMEM62	1.34E-05	1.71247
C2orf37	0.03533	1.71249

USP25	0.00067	1.71269
B3GNT4	0.00032	1.71289
---	0.00898	1.71455
GULP1	9.71E-05	1.71595
CHN1	6.27E-05	1.71607
---	1.31E-06	1.71678
DENND2D	1.11E-07	1.71779
C7orf42	1.01E-05	1.71831
USP25	1.44E-05	1.71848
ADPRHL2	3.17E-07	1.71871
DDHD1	0.00034	1.71937
NR4A1	2.57E-05	1.71968
HEXIM1	5.09E-06	1.72001
---	0.00017	1.72002
C16orf14	0.00011	1.72033
---	0.00758	1.72067
SLC29A2	0.00066	1.72221
---	0.01405	1.72263
SIL1	2.27E-05	1.72365
RAB39B	0.00036	1.72421
ZNF91	5.28E-05	1.72424
H3D /// HIST1H3E ///	0.00202	1.72502
CTSL1	1.02E-06	1.7251
---	0.00148	1.72743
CLTA	0.00073	1.7275
LOC284801	0.00569	1.72767
COMMD10	2.35E-07	1.72781
TRGC2	0.00536	1.72794
DKFZp667G2110	2.17E-06	1.72797
ERP27	0.00048	1.72822
SPATA7	1.62E-05	1.72833
ERO1L	9.45E-08	1.72855
IL6ST	0.05623	1.72892
SCAND2	0.00086	1.72897
CLCN7	3.51E-07	1.72969
ACY1	4.14E-07	1.72981
TJP1	0.00017	1.72992
CASP8	1.97E-05	1.73011
SCARB1	0.00417	1.73026
CNPY2	2.11E-07	1.73073
NPNT	5.50E-07	1.73087
WIP1	0.00019	1.7311
---	0.00972	1.73114
PSPC1	3.20E-06	1.73121
SQSTM1	3.73E-09	1.73147
---	2.03E-07	1.73239
FOXD1	5.20E-07	1.73286
ATF7IP2	0.00039	1.73289
TMTC2	6.50E-06	1.73289

YARS	5.95E-07	1.73326
GLTSCR1	0.0001	1.73367
---	6.15E-05	1.734
KIF5C	1.08E-05	1.73416
---	0.0003	1.73419
ARFRP1	1.92E-05	1.73538
ATP2B1	2.65E-06	1.73547
OR7E37P	1.96E-07	1.7358
KIF13B	0.00147	1.73611
TC2N	2.04E-05	1.73613
PPM1K	1.99E-05	1.73619
HSPC159	0.00022	1.73716
FLJ20021	4.97E-05	1.73725
RCOR3	8.84E-05	1.73728
TUFT1	8.15E-08	1.73773
ZNF452	0.01378	1.73899
PSPH	0.00247	1.73977
COQ4	3.29E-06	1.74046
C8orf38	0.00086	1.74052
---	6.75E-05	1.74069
C1orf50	4.15E-08	1.74072
TBRG1	0.00639	1.74162
IRF6	9.08E-05	1.74237
IL15RA	0.00191	1.74251
FBXO32	4.83E-06	1.7429
EIF2AK2	4.43E-07	1.74294
NEK6	1.19E-05	1.74355
UBLCP1	0.00059	1.74378
C1orf88	5.36E-05	1.74472
TRIM25	1.29E-07	1.74476
KAZALD1	0.00118	1.74477
ZBTB25	0.00051	1.74481
SBNO2	0.02114	1.74481
HIST1H1C	4.47E-07	1.74489
---	2.26E-07	1.74507
---	0.00019	1.74508
MGC24039	0.00898	1.74576
RAD50	0.00036	1.74577
KLHL21	2.51E-05	1.74605
TMTC2	3.01E-05	1.74606
---	0.00255	1.74609
C14orf122	3.42E-06	1.74619
KIAA1429	0.00673	1.74657
NFKBIB	7.49E-05	1.74685
B2M	1.48E-09	1.74686
PTBP2	4.38E-05	1.74715
SCML1	5.26E-07	1.74726
RPS6KA5	3.38E-07	1.74734
DST	0.00157	1.74816

FAM139A	0.00016	1.74894
TSC22D2	2.77E-07	1.74991
ZNF561	0.00022	1.75038
MKLN1	4.75E-05	1.75098
ZGPAT	5.52E-08	1.75139
C100128518 /// RNF2	5.67E-05	1.75198
EML2	0.00192	1.75211
ALDOC	1.86E-07	1.75305
PRPF40B	1.24E-05	1.7531
ANKRD12	9.53E-05	1.7538
USP25	0.02044	1.75388
ARL8B	1.15E-08	1.7539
GALC	6.10E-09	1.75398
PAWR	2.29E-05	1.75464
ACLY	2.01E-07	1.756
TARS	1.28E-07	1.75601
C1orf149	3.81E-08	1.75601
---	0.00747	1.75644
---	2.05E-05	1.75658
C1orf71	7.88E-06	1.75682
PBX1	0.00077	1.75697
POLI	8.40E-05	1.75711
AKAP8L	1.44E-05	1.75753
TMEM141	1.70E-05	1.7584
METTL1	2.93E-06	1.75859
EIF2AK1	0.00307	1.75861
EIF5	7.22E-09	1.75889
TSC22D2	1.74E-05	1.75913
PRSS8	3.08E-06	1.75975
RRS1	3.60E-06	1.75975
C1orf25	0.0028	1.75998
CAMK2D	2.85E-08	1.7601
MXI1	1.43E-07	1.76149
SLC9A7	0.0005	1.76183
FAM84A	6.83E-06	1.7619
IRF5	0.00102	1.76195
RC3H2	0.0012	1.76215
LPIN2	3.10E-05	1.76285
AHR	0.00026	1.76309
F2RL1	0.00082	1.76337
ITGB5	3.84E-07	1.76396
WWC1	0.00024	1.76406
ZGPAT	9.66E-07	1.76406
KIAA0494	0.00013	1.76426
SCD	2.90E-08	1.76484
TP53INP1	4.87E-07	1.76498
GPC4	0.00067	1.76507
PD5 /// RGPLD6 /// RG	2.77E-06	1.76521
STX17	4.01E-06	1.76596

FHL2	0.02815	1.76603
NARF	9.53E-07	1.76623
EPB41L5	9.12E-05	1.76663
GNA13	5.62E-05	1.76689
PPP1R2	2.07E-06	1.76708
I8P /// OR7E35P /// C	3.64E-07	1.76731
FAM110B	0.01807	1.7675
PSTPIP2	0.00249	1.76753
SNX8	1.35E-06	1.76778
CXADR	0.00023	1.76835
EHD4	1.85E-05	1.76839
ARID5B	2.90E-08	1.7685
VEGFA	1.97E-05	1.76897
GOSR2	9.69E-07	1.76925
RPS6KA5	0.00015	1.77004
LGALS8	3.30E-08	1.77023
GOSR2	3.20E-07	1.77086
FUT8	1.43E-06	1.77164
RNF146	5.45E-08	1.77169
ORMDL3	6.66E-05	1.77225
CGREF1	7.67E-09	1.77246
UBFD1	9.56E-08	1.77254
NEU1	1.27E-08	1.77295
---	4.90E-05	1.77338
B4GALT7	0.00059	1.77379
SENP2	2.56E-07	1.77394
CYB5R4	4.37E-07	1.77469
ENC1	3.57E-05	1.77531
SSSCA1	6.67E-06	1.77612
PAK2	2.16E-07	1.77644
FDFT1	1.69E-08	1.77645
Magma	5.82E-07	1.77658
RP11-529I10.4	2.90E-06	1.77721
RIOK3	1.44E-05	1.77744
KIAA0241	2.95E-05	1.77799
BCKDHB	7.52E-05	1.77839
CIQTNF6	2.31E-07	1.77847
YIPF2	2.05E-07	1.77914
C16orf14	2.26E-08	1.77955
IL6	0.02208	1.78041
USP31	0.00185	1.78041
SFTPA2 /// SFTPA2B	0.00829	1.78074
TBC1D20	2.99E-05	1.78132
ATRIP /// TREX1	8.48E-06	1.78195
AKR1A1	4.01E-08	1.782
JUNB	2.00E-07	1.78211
INTS12	1.12E-07	1.78279
C6orf166	0.00824	1.78283
PSME4	1.66E-05	1.78379

HINT3	1.35E-06	1.78551
LOC649851 /// MYL5	1.18E-07	1.78629
AKR1CL2	0.00159	1.78642
RASD1	0.00012	1.78652
TMEM129	4.77E-05	1.78653
METAP2	1.29E-05	1.78746
TC2N	0.00022	1.78788
THSD4	0.01783	1.78805
MAP4K4	2.24E-05	1.78829
IMPAD1	4.17E-06	1.78833
NPNT	0.00766	1.78881
BACH1	2.24E-07	1.7889
SELT	2.02E-05	1.78893
FNDC3B	0.00114	1.78902
TMEM116	2.00E-06	1.78904
HMGCS1	9.79E-06	1.78967
---	0.00153	1.78969
LOC283861	0.00049	1.78973
KLK12	0.00966	1.79041
ERICH1	0.00018	1.79178
ELF3	0.00041	1.79193
PNKD	5.35E-07	1.79217
INSR	0.0002	1.79402
PGRMC2	0.00049	1.79427
PTRH2	1.17E-12	1.79448
LOC388796	7.49E-07	1.79453
CFLAR	3.57E-07	1.79459
C1orf25	0.00011	1.79501
ABAT	8.71E-05	1.79582
C6orf166	2.37E-06	1.79729
RP11-49G10.8	0.00614	1.79778
---	1.64E-05	1.79784
STX7	5.44E-05	1.79812
EMG1	2.00E-07	1.79845
CCDC57	1.59E-05	1.79933
KIAA0265	0.00088	1.80042
PHF10	5.41E-05	1.80042
MAPK8	3.74E-05	1.80089
HIVEP2	0.00383	1.80119
DHDDS	0.00023	1.80136
DNAJC16	0.00028	1.80245
RAB21	9.14E-06	1.80259
NEK8	2.10E-06	1.8034
LOC728769	2.48E-06	1.80373
TM7SF2	6.95E-07	1.80538
FOXO1	6.29E-06	1.80541
LAP3	5.16E-06	1.80613
BRAP	0.00757	1.80739
DTNA	9.38E-07	1.80822



EME2	2.60E-05	1.80852
FAM3C	2.90E-05	1.80864
CYR61	0.00233	1.80904
ELOVL5	1.05E-06	1.80934
KPNA6	8.08E-06	1.80937
---	0.00627	1.8101
PRPF40A	1.95E-05	1.81165
WDR89	1.07E-06	1.81219
SYNJ2	8.85E-06	1.8125
LOC493869	8.94E-07	1.8128
GDAP1	0.0001	1.81294
SMEK1	1.33E-05	1.81345
ARL4C	0.00146	1.81348
LOC389765	9.00E-06	1.81379
RNFT1	7.13E-05	1.81411
LOC729345	0.00111	1.81457
PSME1	1.90E-06	1.81483
SYT7	0.00264	1.81728
USP32	1.12E-06	1.81764
C10orf118	0.00123	1.8178
FLJ22167	0.00061	1.81922
HK2	4.64E-13	1.81923
CKAP4	4.51E-08	1.82019
MRPS15	0.00684	1.82019
FAM46A	3.85E-06	1.82214
POLR2L	0.00054	1.82428
PAK2	3.55E-06	1.82459
KLF5	2.11E-06	1.82508
IMPAD1	1.12E-07	1.82519
TMEM189 /// UBE2V	9.79E-10	1.8253
IFITM3	1.24E-09	1.82564
SIAH2	8.94E-08	1.82589
KDELC2	0.00011	1.82643
YPEL2	0.00062	1.82739
CLIP1	5.34E-05	1.82768
AMOTL2	3.97E-08	1.82893
CTSC	8.09E-06	1.82913
FLJ33630	6.36E-05	1.8293
LATS2	5.08E-07	1.83023
PFDN6	1.11E-05	1.83046
SLC35A1	2.18E-08	1.83142
---	0.0012	1.83201
SOX4	2.01E-06	1.83243
---	0.0286	1.83249
KLF7	0.00217	1.83253
PDK1	2.70E-06	1.83296
RNFT1	6.33E-08	1.83329
DLC1	3.10E-07	1.83363
HMGCS1	3.03E-07	1.83381

CTSC	0.00128	1.8339
---	0.00162	1.83454
SC4MOL	4.10E-06	1.83511
TRIM16	1.05E-07	1.83566
LOC100133130	9.42E-08	1.83582
---	0.00303	1.83706
FNDC3B	1.03E-08	1.83728
FLJ20323	2.65E-06	1.83781
SOCS2	8.38E-07	1.83859
WDR89	4.84E-06	1.83977
SH2D3A	8.53E-05	1.84019
IRF2BP2	7.29E-06	1.84089
CHMP5	4.90E-07	1.84191
DNAJB4	0.00012	1.8421
ATP11B	0.00101	1.84223
SQSTM1	0.00016	1.84351
C18orf25	0.00487	1.84398
RIT1	8.19E-10	1.84452
MFSD8	4.99E-07	1.84483
M189-UBE2V1 /// UB	5.98E-08	1.84497
SOX4	3.91E-05	1.84502
ZCCHC2	0.00016	1.84526
CFLAR	5.37E-07	1.84529
LMO3	0.00143	1.84596
CHST12	1.28E-06	1.84705
KIAA1530	0.00022	1.84756
C6orf166	9.07E-08	1.84775
PML	8.32E-05	1.84781
PAK2	3.15E-07	1.8489
E /// HIST1H2BF /// I	6.03E-07	1.84902
CCDC78	1.82E-06	1.84931
IRS2	0.0001	1.85005
MARS	1.38E-07	1.8502
VEGFA	1.00E-08	1.85037
FUT8	1.81E-08	1.85052
MALAT1	1.02E-06	1.85082
ATP2C1	4.45E-06	1.85152
TERF2IP	4.32E-07	1.85164
RAP2B	6.18E-07	1.85181
GRAMD1A	7.46E-06	1.85253
PHKA1	4.97E-07	1.85267
ARMCX5	1.27E-08	1.85273
DNAJB9	1.65E-06	1.85352
NEK6	7.12E-06	1.85446
RGAG4	0.00016	1.8551
IL6ST	0.00159	1.85711
hCG_1985469	8.25E-05	1.85821
CDYL2	0.00518	1.85852
SOX4	2.50E-05	1.86011

PHF20L1	0.00035	1.86012
IRF2BP2	3.02E-05	1.86092
DAPK3	0.00033	1.86099
C22orf16	4.39E-07	1.86129
DLC1	0.00011	1.86181
SNX16	0.00053	1.86218
C8orf46	0.00084	1.86234
PIP	1.24E-06	1.86399
WDFY2	6.39E-06	1.86424
C4orf32	4.18E-06	1.86481
RORA	0.00145	1.86574
PAWR	2.71E-05	1.86625
RP11-151A6.2	1.07E-09	1.86646
PML	5.85E-05	1.86678
ZNF697	0.00021	1.86838
DIAPH2	4.87E-08	1.87204
FOXP1	1.29E-05	1.87216
FLJ41278 /// TBC1D3	4.91E-05	1.87234
CITED2	2.74E-06	1.87296
LIMCH1	0.00427	1.87313
RORA	0.00022	1.87317
C6orf204	3.54E-07	1.87352
WWP1	0.00031	1.87357
ATP2C2	1.87E-06	1.87622
PMAIP1	4.74E-07	1.87658
TSPYL4	5.23E-07	1.87725
PPP1R3E	1.03E-05	1.87745
C6orf1	1.08E-06	1.87747
HTT	3.61E-06	1.87761
SEPP1	1.25E-05	1.87848
AGA	0.00013	1.87862
CLCN6	8.32E-06	1.87947
CCPG1	0.00201	1.87955
KITLG	3.91E-05	1.87957
PSMB10	4.77E-07	1.87988
C1orf149	6.14E-06	1.88016
CCNG2	3.63E-09	1.88039
SGTB	0.00072	1.88089
KLHDC7B	4.83E-06	1.88105
YIPF2	5.43E-06	1.88146
HCCS	3.73E-05	1.88221
TMEM198	3.31E-06	1.88279
WASF3	5.23E-06	1.88367
TGFBR2	1.12E-06	1.88535
MAP1LC3B	5.23E-10	1.88539
MLKL	6.91E-05	1.88573
PPP1R3E	3.16E-05	1.88581
RNASEH2C	5.72E-08	1.88669
LOC440944	0.00012	1.88693

LOC400451	7.22E-07	1.88825
MAGED1	1.96E-07	1.88862
NAPA	3.27E-06	1.88871
KCNK6	1.31E-08	1.88949
NR3C1	1.55E-06	1.8895
VLDLR	9.85E-06	1.89107
PFDN6	6.35E-06	1.89142
LOC541469	3.90E-08	1.8924
HIST3H2A	1.89E-07	1.89277
SCARB1	1.87E-08	1.89358
SGPP2	3.55E-05	1.8938
MARS	2.65E-07	1.8944
OVOL1	4.11E-08	1.89476
APOLD1	0.00884	1.89504
---	2.75E-05	1.89547
MED8	1.12E-05	1.89559
---	1.42E-05	1.89622
LOC388796	1.23E-06	1.8974
HLA-G	3.87E-06	1.89814
---	0.00666	1.89932
CLK4	2.52E-05	1.89997
MBNL3	8.82E-05	1.90011
YPEL5	8.41E-08	1.90031
UBLCP1	3.18E-07	1.90304
C1orf71	0.00657	1.90359
EPHA3	0.00045	1.90364
LOC154761	0.00061	1.90474
KIAA0513	0.00023	1.90532
CXCL10	0.00023	1.90554
CISH	9.13E-05	1.90566
ZHX2	2.22E-09	1.90591
P2RX4	1.62E-08	1.90683
ASAH1	4.03E-07	1.9074
KIAA1217	0.00028	1.90778
NUDT13	6.68E-05	1.90792
IL1RAP	0.00159	1.90799
---	0.00017	1.90855
FAM114A1	2.04E-07	1.90913
ARL5B	2.61E-05	1.90916
CKAP4	5.14E-10	1.91092
---	0.00047	1.91137
---	3.32E-06	1.91159
TNFRSF10A	0.00411	1.91259
BTG3	0.00011	1.91433
PTRH1	2.64E-06	1.91483
SLC30A1	0.00035	1.91489
PHLDA1	0.01095	1.91537
SLC25A45	0.00155	1.91606
CA4	2.20E-07	1.91666

IRS2	4.11E-08	1.9183
PGS1	3.04E-08	1.91855
MPPED2	0.00351	1.91875
HLA-A	7.11E-08	1.91893
C15orf17	3.29E-05	1.92014
---	1.14E-07	1.92293
---	7.88E-06	1.92294
MINA	1.96E-07	1.92306
C1orf51	4.98E-06	1.92349
STAG3L4	5.46E-06	1.92427
VEGFA	2.43E-05	1.92438
---	0.00184	1.92564
CHPF	1.92E-05	1.92714
MAP1LC3B	1.21E-09	1.92715
RAB20	8.93E-10	1.92736
ARRB1	9.82E-07	1.92737
CAB39	1.41E-07	1.92744
---	1.13E-06	1.92794
ATP6V1E1	1.45E-06	1.92844
INSIG1	5.47E-09	1.9296
SRGAP1	1.56E-06	1.93125
GRB10	4.40E-05	1.93136
FAM118A	0.00167	1.93175
SRGAP1	2.67E-07	1.93317
RAB32	0.00096	1.93344
DTNA	0.00076	1.93419
ZNF277	1.41E-06	1.93444
PSME2	1.06E-07	1.93451
TMEM135	2.08E-06	1.93505
SULT2B1	8.23E-05	1.9369
TNFRSF21	1.52E-05	1.9373
MVK	0.00078	1.93847
FKBP11	3.84E-08	1.93855
TLCD1	1.81E-07	1.93894
JAG1	1.16E-05	1.93906
JMJD2C	9.73E-05	1.93974
IFRD1	4.40E-06	1.93998
GALNTL4	0.00091	1.93999
SCARB1	5.10E-06	1.94021
---	0.01972	1.94148
ACSL3	1.55E-08	1.94228
OVOL2	0.00027	1.94457
EHD4	5.45E-06	1.94535
PGM3	4.00E-06	1.94543
FLJ20323	4.14E-06	1.94593
CCPG1	2.71E-06	1.94896
VEGFA	0.00033	1.94974
PUNC	0.00011	1.95027
LOC100009676	0.01536	1.95177

---	5.53E-05	1.95502
ACOT1 /// ACOT2	6.05E-08	1.95526
CITED2	4.92E-07	1.95549
E /// HIST1H2BF /// I	7.92E-06	1.95681
NFE2L3	1.26E-05	1.95756
CIDEC	1.17E-06	1.95791
NKIRAS1	0.00045	1.95813
BMF	2.67E-05	1.95843
JUN	0.00194	1.95867
SYTL2	1.29E-05	1.95902
OC442497 /// SLC3A	2.96E-09	1.95937
CXYorf10	1.92E-05	1.95957
YIPF6	7.94E-09	1.95977
---	0.00122	1.95984
NEDD4	5.70E-07	1.96065
CISH	5.50E-06	1.96101
SNAPC1	2.52E-05	1.96104
TAP2	0.00708	1.96178
ECE1	1.21E-06	1.96193
MCFD2	8.17E-07	1.9621
CAB39L	5.04E-07	1.96213
IRF9	2.37E-09	1.96296
2H2AA3 /// HIST2H1	1.77E-09	1.96346
DNAJA4	0.00306	1.96593
SCARB1	9.91E-08	1.96605
FLJ38359	0.00025	1.96853
CFL2	1.41E-05	1.96963
C3orf60	1.10E-07	1.97063
CISH	5.53E-08	1.97109
NAT9	6.10E-05	1.97268
MYO1B	1.30E-05	1.97293
CHMP5	0.00048	1.97329
GPR137B	5.13E-07	1.97417
LOC147727	7.26E-06	1.9742
C3orf59	1.09E-08	1.97475
NAPA	2.88E-08	1.97553
P2RY6	1.16E-07	1.97575
LOC400451	9.36E-07	1.97583
C7orf13	8.93E-06	1.97611
MFAP3	2.55E-06	1.97643
ABCD1	0.00015	1.97749
ERBB2	1.07E-08	1.97783
---	6.00E-05	1.97815
FLJ32810	0.00644	1.97932
FNDC3B	0.00012	1.98021
HIST1H3D	3.68E-06	1.98354
LPGAT1	9.74E-08	1.98406
LACTB	2.92E-05	1.98565
SRPRB	8.74E-05	1.98583

ABCA11	7.47E-06	1.98596
ECE1	2.86E-05	1.98658
MCOLN1	1.05E-06	1.98759
TRIM38	0.00047	1.98765
EME2	6.98E-07	1.98877
SRGAP1	0.00029	1.98986
CCDC68	0.0006	1.99226
C5orf26	1.73E-09	1.9928
CRIM1	3.74E-05	1.99528
---	8.02E-05	1.99549
TGFBI	0.00442	1.99651
NFIA	6.38E-05	1.99764
TNFRSF21	0.00019	2.00226
TRAFD1	0.00011	2.00494
---	0.00112	2.00506
RGS16	1.06E-05	2.00507
TMEM2	7.13E-05	2.00658
FDFT1	1.74E-09	2.00959
PARP8	5.94E-08	2.00963
WWC3	6.69E-06	2.01076
ZNF342	4.93E-05	2.01186
PFKFB4	5.09E-07	2.01194
DUSP1	1.37E-10	2.01196
EXOC6B	0.00081	2.01213
---	1.71E-05	2.01328
MAP4K4	2.39E-05	2.01338
RMND5A	5.19E-05	2.01383
TMEM49	6.32E-05	2.01445
TIMM8B	2.64E-06	2.01452
RT86 /// LOC1001343	0.0014	2.01603
BTBD11	0.01162	2.0164
ZNF621	0.00333	2.01715
RAB24	1.89E-06	2.01877
RP1-93P18.1	3.39E-06	2.01878
HLA-C	1.18E-09	2.01927
C1orf50	4.46E-06	2.01981
LCP1	0.00052	2.02073
hCG_1731871 /// LOC	1.34E-06	2.02356
---	5.99E-07	2.02367
INHA	1.18E-07	2.02409
SOCS2	3.53E-07	2.02417
ST3GAL1	3.00E-07	2.0243
DNAJB4	9.17E-07	2.02472
FGF18	0.00032	2.025
ERRFI1	8.75E-09	2.02525
C100129068 /// ST3G	8.25E-07	2.02798
LOC100132999	5.45E-07	2.02807
MAP1B	0.00279	2.03203
RANBP2	1.31E-07	2.03261

KIAA0415	4.00E-05	2.03314
IER5	8.42E-08	2.03369
NEDD4L	8.06E-06	2.03399
TAPBPL	0.00014	2.03419
KHDRBS1	0.00303	2.03476
/// TRIM6 /// TRIM6	0.01594	2.03601
HIST2H2AA3	9.88E-06	2.03657
CRBN	5.09E-09	2.03742
CYB5R1	4.58E-07	2.03751
SAT2	7.19E-08	2.03797
HERPUD1	2.89E-08	2.03882
CT6AP1 /// LOC6495	1.54E-06	2.03892
LOC57400	0.00051	2.03909
GFER	6.81E-06	2.03966
UBE2B	2.16E-07	2.0408
ZMYM5	0.00024	2.04204
IL29	2.28E-06	2.04261
---	2.19E-06	2.0437
IDH1	7.21E-09	2.04391
---	1.92E-07	2.04443
FAM118A	3.46E-06	2.04493
MAP3K8	0.00022	2.04534
C6orf60	0.00199	2.04545
CEBPG	8.81E-08	2.04629
HIST1H3D /// HIST1	0.00012	2.04673
---	0.00026	2.04792
C19orf63	3.32E-07	2.04893
OSBPL9	1.51E-07	2.05104
LOC123688	0.00018	2.05141
NR3C1	4.89E-08	2.05591
SLC5A6	3.54E-09	2.05634
PPM1E	3.40E-08	2.05689
---	0.00174	2.05726
KLF7	9.56E-05	2.05904
FGF18	2.71E-05	2.05985
SCPEP1	1.28E-09	2.0612
ZNF557	0.00064	2.06136
RGS16	0.00052	2.06211
CSGALNACT1	2.80E-05	2.06271
C12orf23	9.18E-08	2.06273
TRAK1	0.00287	2.0631
MED8	2.18E-05	2.06481
DOK3	0.00055	2.06649
ATRIP /// TREX1	1.07E-07	2.06786
RP1-21O18.1	1.92E-05	2.06787
RP1-21O18.1	7.32E-07	2.06975
---	0.00092	2.07086
ALKBH6 /// C19orf46	1.02E-08	2.07334
CRIM1	2.88E-07	2.07458



UBE2B	1.10E-06	2.07586
MITF	0.00249	2.07599
---	9.32E-06	2.07719
JMJD2B	1.36E-05	2.07721
HLA-C	7.57E-11	2.07772
C3orf19	1.27E-05	2.07795
---	8.35E-06	2.07872
ARMCX1	6.52E-06	2.08105
C10orf75	3.07E-07	2.08121
ECE2	1.64E-06	2.08135
BIK	2.38E-06	2.08405
MSI2	1.39E-06	2.08416
DUSP16	1.03E-05	2.08568
MICA /// MICB /// X	7.74E-10	2.08667
SLC7A6OS	1.13E-07	2.08814
TDRD7	9.49E-09	2.08954
RIPK2	5.95E-07	2.08993
MAFF	7.34E-06	2.09193
CRB3	5.60E-05	2.09224
RDH11	6.97E-09	2.09246
YIF1A	5.75E-07	2.09295
PUNC	0.00106	2.09445
DHRS2	6.66E-08	2.09661
GADD45B	4.75E-08	2.09811
---	0.00038	2.09972
HLA-G	8.65E-08	2.10043
PDSS2	0.00011	2.10125
OSTM1	0.00229	2.1042
RPS6KA2	0.00034	2.10464
TMEM104	0.004	2.10486
TRAFD1	2.88E-07	2.10546
UBR1	0.00022	2.10868
PRNP	5.28E-05	2.11139
IFRD1	7.60E-05	2.11271
---	0.00095	2.11438
CPEB2	3.90E-07	2.11798
DHRS2	6.52E-07	2.11814
TRIM14	4.41E-07	2.11864
GIGYF2	1.89E-05	2.11946
NAMPT	2.74E-07	2.12097
HSPC159	4.94E-06	2.12108
LRCH4	2.52E-06	2.12237
CYP4B1	0.0019	2.12249
HLA-G	3.19E-09	2.12373
VDR	7.12E-06	2.12535
LSS	5.31E-08	2.12596
ARRDC4	1.07E-09	2.12737
ZNF107	0.00043	2.12781
TncRNA	1.14E-06	2.12815

LACTB2	6.10E-06	2.12914
RAB39B	5.03E-05	2.12969
KIAA0494	1.01E-07	2.13005
HAGH	6.47E-07	2.13406
JAG1	4.19E-06	2.13615
MUMIL1	3.76E-05	2.13672
DDHD1	7.86E-08	2.13721
CEBPD	9.43E-11	2.13806
HIG2	8.35E-10	2.13855
C20orf134	3.85E-06	2.13894
ATP2B1	2.93E-06	2.13989
IDH1	1.40E-07	2.14173
ZNF193	4.66E-08	2.14375
PER1	1.01E-06	2.14618
---	0.02624	2.14637
HDAC8	1.42E-05	2.14874
SP110	1.04E-05	2.14969
LOH12CR1	6.87E-05	2.15057
---	0.00034	2.15147
ISG20	1.70E-06	2.15151
GTF2H1	3.40E-06	2.15286
BANK1	0.0003	2.15294
CIP29	1.56E-07	2.1536
C1orf71	7.80E-05	2.15363
RDH11	9.17E-08	2.15437
ACAT1	4.96E-09	2.15508
REEP5	1.10E-08	2.15547
SCO2	4.76E-06	2.15628
FOXO1	0.00011	2.15631
SERTAD2	3.76E-07	2.15639
---	1.85E-10	2.15883
ARAPL1 /// GABAR	0.00267	2.15956
NAMPT	3.39E-07	2.15968
HIST1H2AM	4.70E-05	2.16006
C10orf47	2.25E-09	2.16065
MAP2	1.99E-05	2.16091
RRP12	4.79E-06	2.16131
NUP98	9.67E-07	2.16367
ATP9A	5.02E-07	2.16415
MINA	2.38E-05	2.16475
PDCD2L	7.32E-08	2.16481
MCOLN3	1.05E-06	2.16543
HES1	3.07E-06	2.16546
TMEM88	0.00054	2.1662
ABCC5	1.16E-08	2.16917
NBPF8	4.29E-05	2.17054
MYO1B	6.07E-09	2.17087
RHOBTB1	3.60E-06	2.17308
SLC22A4	0.00042	2.17384

ICAM1	3.14E-07	2.17389
---	3.13E-07	2.17476
SOCS1	0.00227	2.17479
ZCCHC2	4.66E-06	2.17631
PTGER4	7.75E-06	2.17755
FAM152B	1.10E-05	2.18057
PRNP	1.93E-05	2.18138
IL28A /// IL28B	1.46E-06	2.18189
BHLHB2	2.91E-09	2.18291
---	0.00045	2.18336
LOC643201	0.02553	2.1848
NEDD4L	1.96E-06	2.18516
API5	6.38E-05	2.18586
---	0.0003	2.18829
NUFIP1	7.52E-07	2.18888
ZNFX1	8.70E-09	2.18924
OPTN	4.24E-07	2.1903
---	4.19E-07	2.19099
FUT11	5.21E-06	2.19193
TESK2	4.03E-06	2.19204
OSTM1	9.41E-05	2.19667
C14orf149	3.29E-08	2.19751
---	9.43E-07	2.2005
EXT1	1.50E-05	2.20263
GNAS	7.84E-09	2.20697
OSBPL6	0.00264	2.20959
INSIG2	2.37E-07	2.20975
RNF213	1.24E-06	2.20976
ARNT	3.21E-05	2.21054
CARS	0.00012	2.21122
LOC728568	6.39E-08	2.21133
CFL2	0.00024	2.21181
NOL3	1.63E-10	2.21374
SETD3	1.30E-06	2.2148
PITPNA	2.38E-06	2.21529
GADD45B	7.48E-08	2.21623
---	3.36E-06	2.22069
RIPK2	2.30E-05	2.2214
SAT1	7.83E-07	2.22268
---	0.00066	2.22505
EPAS1	0.00014	2.22689
ISG20	7.23E-10	2.22711
KB1 /// SPANXB2 ///	2.34E-06	2.22722
ATP2B1	4.99E-05	2.22842
KLHL2	4.96E-06	2.2311
AVPI1	1.47E-08	2.23166
AM84A /// LOC65360	1.03E-07	2.23375
C3orf52	8.23E-05	2.23586
LHFPL2	7.22E-05	2.23887

M CART1	0.00036	2.24319
SEC24D	0.00014	2.24327
NUCB2	1.47E-05	2.24625
RNF213	7.91E-05	2.24667
DCLK1	3.38E-08	2.24743
LOC286167	1.13E-05	2.24801
ARSG	4.10E-05	2.24855
ATF3	5.32E-06	2.24904
NUDT4 /// NUDT4P1	6.93E-06	2.25376
C2orf49	1.81E-06	2.25438
CSRP2	8.24E-05	2.25482
---	0.00016	2.25536
GADD45B	8.35E-08	2.25589
CHD2	1.93E-08	2.25957
CDK6	4.88E-07	2.26208
CXCR7	1.75E-09	2.26278
C17orf91	3.89E-05	2.26279
PPFIBP2	3.38E-06	2.26304
WWC3	5.94E-07	2.26451
ALAD	5.87E-06	2.26673
AFF4	0.00032	2.26689
SLC41A1	1.17E-06	2.26701
GALC	1.62E-07	2.26886
FLRT3	0.00022	2.27393
CAB39	1.85E-05	2.27479
TBX3	2.08E-05	2.27532
ZBTB10	0.00013	2.27552
PPA2	1.63E-05	2.27585
KLHL13	5.27E-05	2.27837
LOC647190	0.0028	2.28043
TIGD7	0.00713	2.28868
GPRC5A	4.70E-10	2.29146
FZD7	1.11E-06	2.2923
---	1.63E-08	2.29259
SMUG1	7.06E-08	2.29325
YIPF5	1.41E-07	2.29818
C1orf91	0.00022	2.29895
PTCH1	7.95E-05	2.30107
IL6ST	1.33E-06	2.30123
CRBN	6.16E-06	2.30454
---	1.63E-06	2.30466
---	1.40E-06	2.30477
NR3C1	1.13E-07	2.30733
HLA-A	1.83E-10	2.31044
ZNF23	4.75E-05	2.31069
SEC24A	4.37E-07	2.31238
BCL3	2.61E-09	2.31329
PCSK2	2.04E-06	2.31406
NFX1	3.10E-10	2.31587

FGD6	5.17E-05	2.31656
PGM2L1	6.42E-06	2.31723
---	0.00078	2.31881
ZNF174	2.24E-05	2.31952
CD83	2.14E-06	2.32103
DNAJB9	3.40E-08	2.32218
PHYH	1.09E-07	2.32465
TRAFD1	6.44E-08	2.32534
CORO2A	3.76E-07	2.32726
RRAGB	1.87E-05	2.32746
ENPP1	2.86E-08	2.32991
HES1	1.37E-09	2.33134
CPEB4	2.95E-05	2.33176
NOD2	3.15E-05	2.33247
TSC22D3	1.95E-08	2.33436
ERN1	4.23E-05	2.33457
NOL3	4.22E-08	2.33904
PPP1R15A	1.94E-05	2.34029
SLC6A14	1.55E-07	2.34081
---	7.07E-07	2.34116
ERAP1	0.00068	2.34171
C4orf18	0.00024	2.34345
NOL3	1.31E-08	2.34389
DUSP8	8.87E-05	2.34577
RNF7	0.00104	2.34654
FLVCR2	1.19E-06	2.35106
SNX5	1.24E-09	2.35496
PLSCR1	4.82E-07	2.3553
LOC100131914	9.81E-06	2.35681
OBFC2A	4.09E-06	2.36014
TRIM36	5.46E-08	2.36112
LGALS8	4.33E-07	2.36345
THAP8	1.78E-06	2.36454
TARS	2.46E-07	2.36469
SLC31A2	5.49E-06	2.36605
CORO2A	1.41E-08	2.36665
KIAA1618	0.00018	2.36867
GRB10	0.00173	2.37199
RNF213	1.64E-09	2.37308
CCRN4L	0.00336	2.37313
ELF3	2.31E-09	2.37336
MSMB	0.00041	2.3741
HLA-F	1.46E-08	2.37417
SOX9	0.00018	2.37672
---	4.03E-07	2.37929
---	0.00017	2.37941
PRSS22	2.56E-08	2.38012
---	2.43E-06	2.38195
HLA-DRB6	0.00485	2.38315

SERTAD2	3.45E-06	2.38469
USP43	0.00675	2.38605
BANK1	0.00043	2.38759
MSI2	1.57E-05	2.38849
KIAA1467	2.56E-07	2.38903
C5orf41	0.0007	2.39129
ARRDC3	1.69E-07	2.39141
IRF2BP2	6.65E-07	2.39349
KIAA0888	4.45E-05	2.39438
GEM	6.17E-05	2.39487
ZNF323	1.45E-06	2.39744
SAT1	5.83E-09	2.39928
CYP2J2	1.93E-07	2.39941
C2orf60	5.40E-08	2.39995
TNS3	7.89E-05	2.40027
IRAK2	0.0005	2.40064
SLC17A5	3.82E-06	2.40227
NFKBIE	9.66E-06	2.40341
---	0.01661	2.40735
LNP1	1.62E-06	2.41042
---	0.01299	2.41211
PDK4	0.00356	2.41243
TNFRSF12A	1.79E-10	2.41279
RAI14	1.75E-07	2.41295
FSIP1	1.99E-05	2.41314
LOC100128501	2.54E-06	2.41678
---	1.05E-07	2.4176
CCL5	0.00043	2.41828
SP110	0.00025	2.42017
SGPP2	0.00044	2.42103
RAB27B	8.85E-09	2.4231
JMJD3	1.91E-06	2.42494
FLVCR2	6.76E-05	2.42604
RAPH1	1.71E-06	2.42699
---	1.72E-05	2.42783
FBXO32	7.35E-07	2.43097
SLC17A5	1.91E-06	2.43256
---	0.00127	2.43395
---	6.38E-06	2.44
TSC22D3	8.59E-06	2.4402
VAMP2	1.42E-05	2.44155
PGM2L1	0.00253	2.44275
ONECUT2	0.00384	2.4431
---	7.65E-05	2.44339
LARP6	6.41E-07	2.4453
OBFC2A	0.00022	2.44656
FKBP11	9.42E-10	2.44864
PCAF	7.60E-06	2.44962
FGD6	3.01E-07	2.45229

RASEF	1.02E-07	2.45278
HES4	4.42E-07	2.45337
CXCL16	1.65E-05	2.45362
HIG2	1.67E-08	2.45825
PTBP2	2.17E-05	2.45872
HIST1H4E	7.58E-07	2.45919
SCD	5.26E-07	2.4607
---	0.00112	2.46152
ADM	1.03E-07	2.4621
NAMPT	1.24E-06	2.46402
AHRR /// PDCD6	0.00031	2.46525
---	0.00023	2.46963
ISG15	1.10E-07	2.47107
C5orf41	2.73E-06	2.47777
AZI2	5.59E-05	2.47872
GOSR2	2.63E-06	2.47901
PRIC285	5.73E-05	2.47905
/// DNAH14 /// RP11	1.16E-06	2.47923
CPEB4	1.27E-05	2.48413
LOC554206	6.11E-05	2.48579
PPM1K	8.44E-08	2.48588
---	1.52E-05	2.48728
GPR157	7.51E-06	2.48874
LARP2	1.94E-07	2.48921
CA4	1.69E-06	2.49002
KIAA1217	1.70E-06	2.49553
LOC440957	3.33E-06	2.49754
LTB4DH	2.32E-06	2.50041
NR3C1	6.47E-08	2.5017
PPP3CC	0.00094	2.50593
P2RX2	0.0003	2.50911
2H2AA3 /// HIST2H1	2.36E-08	2.51043
IKZF2	4.78E-06	2.51567
DUSP3	3.36E-07	2.52206
JMY	8.63E-05	2.5221
RNF43	3.31E-06	2.5226
POLR3D	1.36E-06	2.52351
BATF2	6.34E-05	2.52974
LARP6	8.40E-07	2.53057
TRIM14	2.82E-07	2.53172
IFI6	5.96E-07	2.53362
LOC130576	3.98E-08	2.5365
SCD	2.39E-07	2.53938
JMJD4	3.75E-06	2.53965
TPM3	1.57E-05	2.54122
---	2.09E-05	2.54387
SPRY1	0.0006	2.54631
CYR61	2.37E-05	2.54828
RFTN1	4.19E-07	2.54916

CYP4B1	2.35E-05	2.54961
RNMT	4.19E-05	2.55118
LOC126075	0.00027	2.5514
---	2.15E-05	2.55279
T1H2AJ /// HIST1H2	3.42E-06	2.55681
HLA-J	1.76E-06	2.55738
EPB41L5	6.38E-05	2.5577
LGALS8	1.69E-09	2.55886
DN9 /// LOC1001344	7.37E-05	2.56084
ALDH3B2	3.97E-08	2.56373
B2M	0.00034	2.56382
LOC727916	0.0006	2.56657
MCOLN3	2.44E-06	2.56867
KIAA0513	1.59E-09	2.57162
ONECUT2	1.82E-06	2.57825
CDKN1A	8.79E-10	2.57989
WDR22	7.15E-06	2.58068
BEX2	1.65E-08	2.58184
DAB2	0.00014	2.58186
PPM1E	1.79E-05	2.58535
MARS	2.64E-06	2.58685
LOC100132999	2.56E-05	2.58757
---	0.00017	2.58865
LOC100132418	7.21E-10	2.59071
SEC24D	0.00019	2.59683
LOC285074	4.93E-06	2.60057
BDKRB2	6.02E-07	2.60123
RDX	1.95E-07	2.60722
KLF6	1.54E-08	2.60945
---	0.00205	2.61009
RDX	6.76E-11	2.61148
C10orf47	4.39E-07	2.61156
JMJD3	2.77E-07	2.62114
SLC2A6	1.74E-08	2.62137
PTPN21	2.20E-06	2.62203
BASP1	2.28E-09	2.62479
FAM13A1	0.00366	2.62559
CLGN	0.00042	2.62701
---	2.68E-07	2.62945
STBD1	3.45E-06	2.63353
KLF6	2.52E-08	2.63522
WNT2B	3.09E-06	2.64037
---	2.30E-08	2.6443
EMR1	5.27E-05	2.64437
LIN7B	7.41E-05	2.64514
IFNGR1	3.30E-09	2.64696
P2RX2	4.62E-06	2.6474
FGF18	4.71E-05	2.66194
RAB9A	3.53E-09	2.6629



ANKRD50	6.81E-05	2.66785
ZNF496	6.63E-05	2.66806
DNAJB9	1.54E-05	2.66863
PNPT1	1.99E-08	2.66993
UBE3B	2.46E-06	2.67072
TP53INP2	2.30E-07	2.67279
INPP4B	4.30E-09	2.67637
MVD	4.80E-06	2.67757
LOC440836	0.00016	2.68406
KLF6	2.83E-09	2.68524
PML	1.90E-07	2.69012
HOXA5	4.06E-06	2.69045
PTPN21	0.00011	2.69389
STAT1	1.33E-09	2.69733
HMHA1	3.40E-07	2.69819
CCDC83	1.94E-06	2.69883
KLHL24	9.64E-05	2.70733
MAX	0.00058	2.71288
RHOU	2.36E-07	2.72765
RASGRP1	0.00039	2.72995
C11orf17 /// NUA2	1.35E-08	2.73968
ASB9	7.70E-08	2.74133
RHOV	2.29E-07	2.7439
CLMN	8.62E-07	2.74597
GPR37	0.00036	2.74828
CSRP2	1.04E-06	2.74883
LOC441108	0.00106	2.75201
SGPP1	1.23E-06	2.75206
HLA-C	5.36E-10	2.76384
NAMPT	7.48E-07	2.7645
ATP6V1G1	9.65E-06	2.7671
GALT	6.62E-07	2.76769
CIQTNF6	4.71E-07	2.76941
OAS3	2.18E-09	2.77069
APOL2	1.13E-05	2.77267
---	0.00172	2.77683
GSTM3	7.48E-11	2.77939
STAT1	1.32E-09	2.7808
KLHL18	0.00165	2.78403
ING3	4.05E-05	2.78431
SCNN1A	3.77E-05	2.78751
CPEB4	2.74E-05	2.7881
FGD3	0.00086	2.78869
HSD11B2	1.99E-05	2.79196
RAPH1	1.23E-10	2.7924
TRIM69	1.91E-06	2.79255
JMJD3	4.28E-09	2.79363
JUB	3.93E-08	2.79594
NUPR1	9.96E-07	2.7962

SGPP1	1.39E-08	2.79994
---	4.41E-07	2.80168
SERPINE2	3.72E-05	2.80355
---	0.00019	2.80711
RANBP2	4.98E-08	2.80833
ARRB1	1.47E-05	2.8109
HLA-DRB1	3.28E-08	2.81882
LOC284561	1.54E-05	2.82138
SOX9	5.52E-06	2.82164
OSTM1	0.0002	2.82382
KIAA1618	5.26E-05	2.84299
HIST1H2AK	6.84E-07	2.84308
STAT1	8.38E-09	2.84685
HIST2H2BE	6.81E-10	2.851
---	1.74E-05	2.8525
---	2.91E-12	2.85336
ANXA9	4.41E-08	2.85447
A-C /// MICA /// MIC	1.08E-08	2.85475
---	0.00013	2.85555
ANXA3	4.64E-06	2.8608
GRAMD3	6.32E-08	2.86394
AMDHD2	1.30E-06	2.8826
ANXA9	1.07E-08	2.88752
SP100	1.15E-07	2.89259
MTRF1	6.89E-06	2.89404
NMI	5.52E-09	2.89582
KRT7	3.21E-09	2.89675
N4BP2L2	9.98E-05	2.90287
SLC7A6 /// TRPV6	1.11E-06	2.903
TPM1	4.05E-06	2.90325
SENP5	2.82E-07	2.91413
CHD2	2.45E-09	2.91582
TRIM14	9.73E-06	2.91601
TNFRSF11B	6.77E-07	2.92124
DUSP3	8.36E-07	2.92206
LIMA1	1.21E-06	2.92237
STARD4	6.49E-05	2.92282
PPAP2B	2.43E-06	2.923
SAMD4A	6.21E-05	2.92334
TFPI2	0.0004	2.92904
PLCG2	1.70E-06	2.9305
HSH2D	1.40E-06	2.93057
IL28A	0.0001	2.93972
C1orf79	2.22E-09	2.93999
SEC24A	1.37E-07	2.94621
SP110	3.84E-10	2.95254
BAG1	2.71E-10	2.95497
IFNGR1	2.04E-06	2.95551
RUNX2	2.85E-06	2.95603

ASNS	5.08E-09	2.971
PP9284 /// TMRSS2	1.67E-09	2.97142
---	3.12E-08	2.97367
JUN	5.26E-10	2.975
IFIH1	2.26E-06	2.9753
CD55	1.35E-10	2.98214
VEZT	2.47E-06	2.98441
PLSCR1	4.00E-10	2.98687
HCP5	0.01263	2.98926
ZNF3	1.11E-07	2.99702
---	2.28E-05	3.00527
LSS	0.00016	3.00615
IFITM1	4.13E-08	3.00834
KLF10	1.72E-07	3.01175
KIAA1946	1.23E-07	3.01321
HLA-F	2.99E-08	3.01896
DOPEY2	1.52E-07	3.02205
DNAJB6	4.47E-08	3.02354
GADD45A	3.45E-09	3.02517
CNKSR3	8.34E-07	3.02685
TAF13	0.00041	3.03
CD55	9.93E-10	3.03434
KAL1	1.28E-05	3.03494
COL9A2	1.87E-05	3.03924
NRP1	8.11E-08	3.04144
PPP1R3B	5.04E-07	3.04513
GPR37	1.27E-08	3.04892
---	7.73E-11	3.04919
TncRNA	1.12E-09	3.05054
SP110	6.38E-10	3.05503
LIMCH1	1.37E-06	3.06085
TARP /// TRGC2	0.00014	3.06179
---	1.57E-08	3.06225
DLX2	8.33E-05	3.0646
LRRC50	7.51E-07	3.06506
---	2.62E-08	3.0676
DTNA	4.28E-06	3.07073
NFKB2	1.22E-06	3.07079
IFITM1	5.82E-11	3.08029
PTPN21	2.40E-07	3.08323
DAB2	2.80E-08	3.0838
---	1.10E-06	3.08854
/ MICA /// MICB /// X	1.94E-09	3.08977
KLHL24	1.76E-07	3.09036
LOC26010	2.48E-07	3.09068
TACC1	5.93E-08	3.09185
RAB27B	5.60E-05	3.09294
FSD1L	2.94E-05	3.09693
// HLA-DRB5 /// LOC	8.63E-08	3.1063

FAM80A	2.56E-07	3.11587
---	7.24E-07	3.12256
HLF	4.93E-05	3.12439
RDX	7.58E-07	3.12802
SLC7A5	5.40E-10	3.13068
TACC1	4.02E-07	3.13455
C5orf41	4.72E-05	3.13702
SAT1	1.06E-09	3.13897
HK2	1.54E-06	3.14215
LMCD1	4.22E-08	3.14299
VDR	4.65E-07	3.15122
NEDD9	0.00125	3.15436
C1orf43	4.17E-09	3.15604
RHOU	4.21E-07	3.16387
LIMCH1	3.58E-06	3.16608
BAG1	1.01E-08	3.16838
FAM83A	6.52E-07	3.17196
PPP1R3B	8.63E-07	3.17445
FLJ11286	2.13E-06	3.17863
STC2	1.29E-09	3.1968
CXorf61	2.54E-08	3.19739
BTG2	6.96E-06	3.20461
TNFSF10	6.94E-07	3.21459
TAP2	3.57E-06	3.21695
BRD4	9.82E-06	3.21953
RRAGD	1.51E-09	3.21967
C5orf41	2.10E-06	3.22031
---	4.02E-07	3.22803
CEACAM6	2.95E-08	3.23617
PPP1R15A	1.40E-08	3.23655
SLC41A2	3.86E-06	3.24034
CTSC	1.01E-05	3.24086
PER1	2.06E-06	3.24606
---	0.00043	3.24837
SP110	1.37E-08	3.2626
AGPAT9	2.29E-07	3.26616
BTG2	2.40E-11	3.26716
C8orf46	5.01E-05	3.26718
C100131062 /// PTP4	0.00016	3.26831
LGALS3BP	3.53E-10	3.2791
ALDH3B2	4.56E-05	3.28317
---	8.45E-09	3.28545
TACC1	7.23E-10	3.28889
IFI35	6.45E-10	3.29252
DAB2	2.64E-06	3.2984
ONECUT2	1.19E-05	3.30304
JMJD3	3.95E-09	3.31284
LOC100130506	3.24E-10	3.32148
CEACAM6	1.23E-07	3.32355

---	2.34E-07	3.32898
TMEM45B	1.48E-08	3.33552
IFIH1	2.44E-06	3.33687
ARRB1	9.96E-07	3.3396
ZBTB10	9.45E-08	3.34543
CLU	2.17E-07	3.34719
IGSF5	3.38E-06	3.34826
IFIH1	0.00064	3.37231
EPS15L1	4.38E-09	3.37424
LACTB	9.95E-06	3.38501
RRAGD	3.85E-06	3.38658
ANKRD37	2.05E-07	3.39104
JUN	1.32E-05	3.40726
BHLHB2	2.97E-06	3.4126
BIRC3	8.31E-05	3.42702
FLJ11286	1.74E-07	3.43779
SERHL /// SERHL2	1.58E-05	3.45088
AXUD1	2.80E-08	3.45144
SH3BP2	4.06E-05	3.45563
---	8.20E-06	3.46451
TAP2	1.86E-08	3.46542
MSI2	8.46E-08	3.4656
---	6.01E-06	3.46708
LOC100128416	1.01E-06	3.47718
CCRN4L	7.08E-08	3.48831
---	1.04E-06	3.50145
FSTL3	0.00014	3.51751
IL15	2.09E-05	3.52441
KLHL24	5.89E-07	3.5282
SH3BGRL2	4.15E-05	3.53168
---	3.22E-07	3.54528
EFNA1	9.73E-09	3.54964
MX1	4.46E-05	3.55061
MAFF	9.50E-09	3.55279
---	2.81E-06	3.55668
KLF6	7.49E-07	3.55889
PEL1	2.03E-06	3.56051
BTN3A2 /// BTN3A3	9.50E-07	3.57964
NCOA7	3.34E-09	3.58468
LIMA1	1.91E-07	3.59599
PPP1R3E	3.45E-06	3.60565
SP100	5.71E-10	3.60625
HIST1H4H /// HIST1H4A	7.77E-09	3.60992
IKBKE	8.07E-08	3.62944
ANGPTL4	3.78E-07	3.64319
SQSTM1	1.16E-06	3.64989
LIN7A	1.79E-07	3.65251
HRASLS3	4.17E-09	3.65446
PPAP2B	9.76E-07	3.65604

OPTN	1.64E-09	3.65717
ERO1LB	0.00017	3.65936
SAMHD1	3.52E-08	3.65985
CD55	4.39E-08	3.66691
COLEC12	7.12E-08	3.66862
IFIT5	1.41E-09	3.67232
PKIA	2.93E-10	3.68888
SPANXA2 /// SPANX	1.20E-06	3.68956
PSCA	0.00043	3.70049
IRF7	1.41E-09	3.70117
FLJ11286	2.72E-13	3.7022
---	1.81E-06	3.7033
LPIN1	7.67E-09	3.71035
TESC	0.00046	3.71048
ABCG2	1.24E-07	3.72955
HLA-B	2.49E-09	3.73677
NEDD9	9.89E-10	3.74068
BEX5	4.52E-07	3.74704
ANGPTL4	3.78E-08	3.74857
STAT1	3.67E-11	3.761
TMEM45B	6.69E-08	3.77291
FAM83A	1.08E-07	3.78506
CHAC1	2.94E-06	3.78691
STAT1	2.34E-09	3.8035
JHDM1D	1.85E-06	3.82088
DUSP10	1.23E-09	3.82156
LPIN1	4.25E-08	3.82602
CTSH	8.47E-10	3.83393
PP14571	2.09E-07	3.83405
// HLA-DRB5 /// LOC	1.04E-08	3.84725
HIST1H4H /// HIST1H	5.28E-08	3.85238
LOC400236	1.03E-06	3.86775
PARP10	7.47E-06	3.87726
JUB	2.68E-09	3.87746
INTS6	2.14E-05	3.88066
PKIA	8.85E-08	3.88393
FAM83A	1.06E-07	3.90094
TGFA	1.15E-06	3.91359
BAMBI	6.85E-13	3.92647
ZBTB10	1.51E-06	3.93284
ITGB8	2.06E-05	3.9439
PARP9	9.13E-08	3.94456
PARP12	1.27E-07	3.94595
PARP14	3.82E-11	3.96237
KMO	4.54E-07	3.96355
NANOS1	6.57E-09	3.9638
CSTA	5.95E-11	3.97803
---	6.33E-09	4.00904
TMPRSS2	5.91E-06	4.02886

PARP9	1.08E-12	4.04163
GATA6	5.41E-07	4.06243
SP100	1.41E-08	4.07105
LIMA1	0.00042	4.07281
FLJ43663	0.00011	4.07518
SOCS3	5.74E-08	4.07545
TNFRSF11B	3.25E-09	4.0811
JDP2	3.32E-07	4.08287
---	1.05E-06	4.09508
C1orf79	1.23E-08	4.09833
KMO	2.18E-06	4.10415
MTUS1	1.57E-08	4.11731
RELB	1.09E-07	4.13431
HIST1H4H /// HIST1H	4.07E-09	4.13619
STAT1	5.53E-10	4.15168
JUN	1.89E-09	4.16286
RND3	9.82E-09	4.1707
SC5DL	5.78E-08	4.1792
RAPH1	8.10E-10	4.18963
---	3.28E-07	4.20094
SAMHD1	2.74E-06	4.25408
ADFP	6.89E-08	4.25892
// HLA-DRB5 /// LOC	9.61E-09	4.26983
FZD5	6.87E-07	4.28401
TNF	1.47E-07	4.28508
SNF1LK	1.16E-08	4.2891
CLU	1.24E-10	4.29283
ZC3HAV1	1.03E-08	4.29907
DDX58	2.60E-12	4.30803
ACSL1	6.06E-08	4.30937
---	3.56E-06	4.3127
MTUS1	1.26E-08	4.3164
FAM83A	3.05E-07	4.35783
CYLD	1.06E-06	4.36185
MTUS1	4.99E-08	4.37598
PPAP2B	1.36E-05	4.39532
LTB	9.71E-08	4.4144
CCL5	1.92E-06	4.42138
IFIT5	1.50E-10	4.43738
SEC24A	4.43E-07	4.49934
NFKB2	5.69E-08	4.51407
BAG2	3.78E-08	4.52132
DTNA	5.68E-09	4.53494
ICAM1	9.34E-09	4.54765
SAMD9	2.07E-06	4.55024
LOC100128718	1.10E-05	4.56928
TNFSF10	6.97E-09	4.6049
WNT2B	3.59E-06	4.61484
JUB	1.95E-07	4.61615

HS6ST2	0.0001	4.62908
PARP10	9.81E-10	4.67842
PPAP2A	9.12E-08	4.68175
LOC338758	3.00E-09	4.69898
OAS2	7.89E-06	4.73269
DTX3L	8.42E-10	4.73692
NEDD9	1.45E-08	4.74639
XAF1	3.46E-05	4.75361
BST2	2.71E-07	4.76309
OAS3	2.30E-08	4.77847
TNFAIP2	3.74E-09	4.7837
P2RY2	3.10E-07	4.8033
RAB27B	1.17E-07	4.81509
BHLHB3	3.86E-08	4.86034
---	1.20E-06	4.86663
TAP1	1.89E-09	4.87157
JMJD3	5.15E-05	4.9169
PPAP2A	5.96E-12	4.92437
USP35	3.90E-09	4.93548
TncRNA	1.33E-09	5.04924
ONECUT2	4.22E-06	5.0766
DDX58	1.07E-12	5.11457
PHLDB2	1.22E-07	5.12304
DUSP10	2.40E-06	5.21111
LTB4DH	1.05E-08	5.25694
TNFSF10	1.07E-06	5.32689
HERC6	2.37E-10	5.35628
TEX14	4.42E-09	5.36219
DSCR8	5.83E-09	5.36941
HS6ST2	2.07E-06	5.37949
SERHL /// SERHL2	3.52E-06	5.40081
OAS1	5.22E-12	5.48119
SLC7A11	1.03E-08	5.49012
LINCR	1.57E-05	5.619
BICD1	1.45E-06	5.62461
SAMD9	1.94E-08	5.73973
DTNA	4.83E-10	5.74603
LOC100130506	3.53E-08	5.83127
ST7L	1.33E-08	5.87652
SERHL /// SERHL2	3.73E-06	5.89601
LOC387763	8.96E-08	6.01908
FAM13A1	9.89E-09	6.02708
LOX	7.92E-08	6.03328
OAS1	5.79E-09	6.03837
STC2	7.22E-08	6.09721
UBE2L6	1.79E-11	6.10302
ACSL1	5.34E-09	6.1694
HERC5	7.95E-09	6.26778
KYNU	1.69E-08	6.4516



PLAU	1.60E-11	6.46253
---	4.42E-07	6.53313
LOC645431	4.58E-10	6.58422
MAP2	2.93E-08	6.67213
LAMP3	1.76E-06	6.75254
IL32	8.20E-05	6.77936
USP18	2.29E-11	6.7822
GDF15	2.33E-12	6.82644
---	1.80E-06	6.8551
GBP3	1.50E-05	6.95434
INPP4B	1.91E-09	7.01093
DHRS3	1.20E-07	7.0949
CCL5	1.01E-07	7.16935
IFIT2	1.14E-06	7.30856
IFI27	6.23E-11	7.36763
TMEM140	9.45E-07	7.65271
BATF	7.66E-09	7.68536
TNFAIP3	1.78E-10	8.00316
DDIT3	2.57E-07	8.03184
OASL	2.71E-08	8.06837
CMPK2	3.83E-11	8.11619
DDX60L	7.54E-06	8.42418
ICAM1	3.10E-08	8.52258
---	1.06E-06	8.65566
PHLDA1	2.59E-07	8.79549
PHLDA1	7.56E-09	9.34881
IFIT1	1.67E-12	9.53278
DKFZp686L14188	7.89E-09	9.59751
EDIL3	7.81E-08	9.72712
---	7.21E-09	9.98669
IGFBP3	6.20E-10	9.99876
LOX	4.66E-07	10.5703
IRF1	3.26E-11	10.843
OASL	3.87E-09	10.8669
SLC7A11	3.78E-08	11.0964
RND1	4.74E-09	11.2597
VTCN1	3.83E-08	11.3381
TNFAIP3	3.78E-09	11.556
SLC41A2	6.10E-07	11.5627
PSMB9	6.71E-09	11.7996
NKX3-1	3.98E-09	12.1563
IFI44L	4.02E-11	12.2635
SALL4	3.86E-10	12.8257
---	8.51E-09	12.8576
RPS6KA2	1.73E-07	13.06
DDX60	3.97E-10	13.1854
HSPB8	5.81E-11	14.6075
TSKU	5.80E-11	14.8933
---	9.17E-09	15.7217

PSMB8	1.42E-07	16.8318
CXCL3	1.08E-08	17.4479
IGFBP3	1.78E-08	18.0434
ATF3	8.75E-10	18.44
RSAD2	1.03E-08	18.8767
IFI44	3.21E-08	18.93
CCL2	4.16E-08	19.0216
PLAU	1.05E-14	19.1536
CXCL2	1.15E-15	19.3399
IFIT2	4.77E-10	19.5489
IFI44	4.11E-10	20.0077
OAS2	1.83E-08	21.5426
OAS2	4.75E-08	23.4529
RARRES3	1.33E-11	24.0669
RSAD2	1.45E-10	25.8892
APOD	2.27E-11	26.6445
GABBR1 /// UBD	1.95E-10	31.9878
IFIT3	1.11E-10	34.1537
IGFL1	6.43E-12	34.565
IFIT3	8.52E-11	35.2451
LMCD1	4.77E-08	35.4489
CCL20	1.12E-11	46.0615
XAF1	3.60E-10	52.6929
LOC284561	9.22E-15	62.2903
XAF1	1.11E-11	84.3321