

Supplementary Table 3. Differentially expressed genes in prostate tumors (TCGA) compared with control tissue (GTE

Gene Symbol	Gene ID	Median (tumor)	Median (normal)	Log2(FC)	p-adjusted
EPB41L2	ENSG00000079819.16	7,25	26,219	-1,722	1,13E-34
HAPLN2	ENSG00000132702.12	0,945	5	-1,625	1,04E-56
VSTM4	ENSG00000165633.12	3,3	9,77	-1,325	3,53E-26
MXRA8	ENSG00000162576.16	35,385	88,824	-1,304	1,60E-28
FRMD6	ENSG00000139926.15	8,14	21,28	-1,285	2,15E-19
EPB41L3	ENSG00000082397.15	4,26	11,235	-1,218	1,49E-26
ARHGEF4	ENSG00000136002.16	5,575	14,26	-1,215	3,25E-37
FYN	ENSG00000010810.17	7,66	18,93	-1,203	2,44E-29
FERMT2	ENSG00000073712.13	17,299	38,325	-1,104	2,05E-26
FN1	ENSG00000115414.18	91,88	191,34	-1,05	2,3E-16
SPTBN5	ENSG00000137877.9	0,34	1,77	-1,048	1,15E-52
USP2	ENSG00000036672.15	0,715	2,44	-1,004	1,72E-32
DMD	ENSG00000198947.14	4,75	10,525	-1,003	1,06E-17
TUBA4A	ENSG00000127824.13	22,215	44,344	-0,966	1,3E-11
SPTAN1	ENSG00000197694.13	77,299	151,549	-0,962	1,09E-43
NFATC2IP	ENSG00000176953.10	11,655	23,535	-0,955	6,1E-18
UIMC1	ENSG00000087206.16	12,925	25,828	-0,946	7,57E-53
SIRPA	ENSG00000198053.11	6,475	12,975	-0,903	4,27E-22
FRMD3	ENSG00000172159.15	0,78	2,315	-0,897	2,31E-36
PLS3	ENSG00000102024.17	16,99	32,379	-0,892	5,68E-16
USP11	ENSG00000102226.9	29,8	54,371	-0,846	8,39E-38
CTSK	ENSG00000143387.12	14,78	27,055	-0,83	4,56E-11
ESR1	ENSG00000091831.21	1,8	3,97	-0,828	1,12E-11
PDE4D	ENSG00000113448.16	8,765	16,155	-0,813	2,06E-07
USP15	ENSG00000135655.13	17,205	30,314	-0,782	1,45E-35
SPTBN1	ENSG00000115306.15	46,354	79,834	-0,771	6,18E-16
UHRF2	ENSG00000147854.16	15,855	27,401	-0,753	2,44E-11
MSN	ENSG00000147065.16	38,884	65,97	-0,748	2,24E-09
PTPN21	ENSG00000070778.12	5,37	9,575	-0,731	1,48E-15
FLT1	ENSG00000102755.10	5,11	9,07	-0,721	0,000294
HGS	ENSG00000185359.12	66,53	109,454	-0,71	1,71E-28
JAK2	ENSG00000096968.12	2,68	5	-0,705	5,65E-20
FMNL1	ENSG00000184922.13	7,085	11,95	-0,68	9,34E-11
UBTD1	ENSG00000165886.4	7,13	11,935	-0,67	2,96E-31
UBQLNL	ENSG00000175518.6	0,185	0,88	-0,666	1,86E-54
VSIG4	ENSG00000155659.14	3,18	5,58	-0,655	0,0000085
LILRB1	ENSG00000104972.14	0,88	1,955	-0,652	2,39E-15
CTSB	ENSG00000164733.20	224,309	350,081	-0,64	8,1E-09
CAPN2	ENSG00000162909.17	49,674	77,993	-0,64	3,98E-09
ING5	ENSG00000168395.14	14,675	23,375	-0,637	3,52E-20
ARHGEF11	ENSG00000132694.18	10,62	16,785	-0,614	7,71E-12
TMUB2	ENSG00000168591.15	29,88	46,214	-0,613	7,42E-34
CD79B	ENSG00000007312.12	2,455	4,26	-0,606	1,68E-08

USP21	ENSG00000143258.15	20,46	31,499	-0,599	3,27E-20
MACF1	ENSG00000127603.23	55,622	83,76	-0,582	2,45E-10
PLEC	ENSG00000178209.14	30,755	46,5	-0,581	0,000162
SIRPB2	ENSG00000196209.12	0,35	1,015	-0,578	6,65E-15
EPB41L4A	ENSG00000129595.12	3,97	6,415	-0,577	0,000164
EGFR	ENSG00000146648.15	12,54	18,679	-0,539	0,000358
CTSV	ENSG00000136943.10	1,365	0,67	0,502	2,2E-08
XIAP	ENSG00000101966.12	14,98	10,18	0,515	3,54E-30
STAT1	ENSG00000115415.18	40,965	28,278	0,519	9,78E-07
YWHAZ	ENSG00000164924.17	260,609	178,433	0,544	5,38E-14
FAU	ENSG00000149806.10	1184,817	805,337	0,556	7,21E-15
CTSD	ENSG00000117984.12	371,687	250,774	0,566	1,99E-12
CTSS	ENSG00000163131.10	16,665	10,865	0,574	0,00146
TUBA1C	ENSG00000167553.14	96,746	64,27	0,583	6,29E-08
PPP2R1A	ENSG00000105568.17	234,346	155,983	0,584	1,07E-32
TARS	ENSG00000113407.13	56,41	37,185	0,588	5,4E-23
ST6GAL1	ENSG00000073849.14	59,79	39	0,604	2,06E-10
UBB	ENSG00000170315.13	1640,249	1061,839	0,627	9,32E-23
CTSO	ENSG00000256043.2	29,06	18,285	0,64	2,52E-17
EZR	ENSG00000092820.17	126,224	79,329	0,663	1,62E-14
SUMO1	ENSG00000116030.16	100,384	62,424	0,677	3,5E-27
HSP90AB1	ENSG00000096384.19	711,243	444,087	0,678	2,97E-33
YWHAG	ENSG00000170027.6	61,686	38,05	0,683	1,92E-24
RAD23B	ENSG00000119318.12	66,823	39,685	0,737	6,84E-31
SUMO2	ENSG00000188612.11	258,594	153,25	0,751	2,07E-24
FRMPD3	ENSG00000147234.10	1,3	0,365	0,753	2,28E-34
RCC1	ENSG00000180198.15	18,075	9,965	0,799	6,48E-31
YWHAQ	ENSG00000134308.13	229,666	130,711	0,808	8,1E-37
ISG15	ENSG00000187608.8	45,099	25,1	0,821	0,0000231
IGSF8	ENSG00000162729.13	54,57	30,359	0,825	1,21E-39
TREM2	ENSG00000095970.16	5,12	2,435	0,833	7,36E-14
HSPA8	ENSG00000109971.13	702,74	386,278	0,862	9,93E-24
H3F3A	ENSG00000163041.9	703,106	379,761	0,887	1,69E-33
YWHAE	ENSG00000108953.16	491,244	243,722	1,008	2,52E-51
NPM1	ENSG00000181163.13	1218,465	601,74	1,017	1,09E-36
TK1	ENSG00000167900.11	9,015	3,83	1,052	8,4E-24
HSPA5	ENSG00000044574.7	249,18	118,188	1,07	2,98E-39
PAICS	ENSG00000128050.8	52,254	24,1	1,085	4,37E-57
TUBB4B	ENSG00000188229.5	342,972	160,362	1,092	3,32E-47
TMPRSS2	ENSG00000184012.11	542,488	251,331	1,107	3,59E-22
TRIB3	ENSG00000101255.10	18,186	7,885	1,111	7,98E-46
PABPC1	ENSG00000070756.13	1378,562	617,822	1,157	3,68E-50
DPP4	ENSG00000197635.9	73,239	30,409	1,241	6,07E-17
MIPEP	ENSG00000027001.9	36,605	13,53	1,372	1,15E-11
SPTBN2	ENSG00000173898.11	70,825	25,773	1,424	3,68E-61
UBD	ENSG00000213886.3	22,895	5,04	1,984	3,16E-14

RP11-394O4.5	ENSG00000269936.3	5,285	156,834	-4,65	1,19E-72
ADAM33	ENSG00000149451.17	2,985	85,381	-4,438	2,82E-82
MEG3	ENSG00000214548.14	4,78	98,7	-4,108	6,43E-74
GSTM2	ENSG00000213366.12	17,755	277,808	-3,894	5,07E-85
GABRE	ENSG00000102287.16	2,5	48,921	-3,834	1,52E-59
ACTA2-AS1	ENSG00000180139.11	2,225	41,336	-3,715	4,56E-74
CYP3A5	ENSG00000106258.13	1,715	30,923	-3,556	8,12E-61
CORO6	ENSG00000167549.18	1,6	26,815	-3,419	2,72E-59
GOLGA8A	ENSG00000175265.17	7,02	81,795	-3,368	1,16E-39
DIO3OS	ENSG00000258498.6	3,625	45,883	-3,342	1,18E-71
SLC26A10	ENSG00000135502.16	0,905	16,444	-3,195	9,55E-72
HIF3A	ENSG00000124440.15	1,185	18,549	-3,161	1,78E-75
FAM153A	ENSG00000170074.19	1,44	20,609	-3,147	3,52E-64
KRT13	ENSG00000171401.14	2,26	27,306	-3,118	1,56E-26
COL27A1	ENSG00000196739.14	2,045	25,195	-3,105	3,65E-66
GSTM1	ENSG00000134184.12	4,694	47,161	-3,08	3,76E-07
COL7A1	ENSG00000114270.15	11,18	98,349	-3,028	1,48E-56
LCAT	ENSG00000213398.7	5,08	47,756	-3,003	2,44E-78
MIR143HG	ENSG00000249669.7	1,7	20,564	-2,998	2,72E-76
CFD	ENSG00000197766.7	13,565	113,554	-2,975	1,51E-43
GOLGA8B	ENSG00000215252.11	8,86	73,439	-2,916	4,17E-40
FAM153B	ENSG00000182230.11	2,115	22,145	-2,893	8,16E-49
GNB3	ENSG00000111664.10	0,605	10,69	-2,865	1,48E-80
ADCY4	ENSG00000129467.13	3,355	30,219	-2,842	7,36E-58
AMY2B	ENSG00000240038.6	3,36	30,194	-2,839	7,06E-54
NPIP5	ENSG00000243716.10	24,145	173,614	-2,796	2,81E-38
TRO	ENSG00000067445.20	1,72	17,535	-2,769	8,54E-86
ADAMTS10	ENSG00000142303.13	2,48	22,685	-2,767	9,66E-64
MYO15B	ENSG00000266714.6	23,845	164,283	-2,734	6,19E-55
FAM153C	ENSG00000204677.10	1,81	17,604	-2,727	3,31E-48
LGI4	ENSG00000153902.13	2,9	24,735	-2,722	1,05E-64
RP11-286H15.1	ENSG00000272789.1	0,28	7,435	-2,72	1,67E-74
LY6G5B	ENSG00000240053.8	1,86	17,75	-2,713	6,17E-54
CTD-2537I9.12	ENSG00000267523.1	2,085	19,231	-2,713	5,19E-43
KRT15	ENSG00000171346.13	47,965	317,959	-2,704	8,36E-15
TSPYL2	ENSG00000184205.14	23,58	158,034	-2,694	6,21E-77
AC006128.2	ENSG00000279716.1	2,06	18,758	-2,691	9,17E-47
RNF207	ENSG00000158286.12	4,335	33,264	-2,683	1,15E-59
CTB-79E8.3	ENSG00000253683.1	0	5,395	-2,677	1,40E-41
CPLX3	ENSG00000213578.5	4,77	35,824	-2,674	2,67E-24
MAL	ENSG00000172005.10	1,12	12,32	-2,651	2,28E-77
GPX2	ENSG00000176153.11	2,115	18,559	-2,651	4,68E-41
NFATC4	ENSG00000100968.13	10,48	70,443	-2,638	1,40E-71
PRRT2	ENSG00000167371.16	2,315	19,637	-2,638	3,10E-53
H19	ENSG00000130600.15	3,945	29,495	-2,625	1,19E-25
SH3BP5-AS1	ENSG00000224660.1	1,855	16,565	-2,621	2,31E-61

HBB	ENSG00000244734.3	11,575	76,019	-2,615	3,22E-42
LENG8	ENSG00000167615.16	44,301	274,763	-2,606	7,97E-52
ABCC3	ENSG00000108846.15	3,285	25,08	-2,606	1,14E-47
COL5A3	ENSG00000080573.6	1,145	11,945	-2,593	2,15E-57
LINC00893	ENSG00000241769.7	4,035	29,363	-2,592	3,06E-46
ATHL1	ENSG00000142102.15	8,745	57,468	-2,585	1,23E-53
SPEG	ENSG00000072195.14	11,705	75,068	-2,582	1,84E-65
MAPK8IP3	ENSG00000138834.12	12,995	82,813	-2,582	9,91E-46
RP11-152H18.3	ENSG00000254665.1	2,805	21,6	-2,57	1,33E-34
C20orf166-AS1	ENSG00000174403.15	0,75	9,324	-2,561	3,10E-79
COL6A1	ENSG00000142156.14	53,334	316,42	-2,546	1,46E-58
GPX3	ENSG00000211445.11	43,605	258,612	-2,541	2,75E-50
HOXD9	ENSG00000128709.11	3,11	22,825	-2,535	3,51E-62
DPT	ENSG00000143196.4	4,205	29,17	-2,535	1,18E-38
RP11-414J4.2	ENSG00000261606.5	2,985	21,978	-2,528	2,53E-21
TTLL3	ENSG00000214021.15	12,225	75,185	-2,526	5,94E-68
RP11-231C14.4	ENSG00000169203.16	10,71	65,874	-2,514	2,60E-40
ADIRF-AS1	ENSG00000272734.1	1,69	14,329	-2,511	1,98E-69
CAPN3	ENSG00000092529.22	2,58	19,281	-2,502	5,95E-56
RP11-373D23.2	ENSG00000270640.1	0,92	9,859	-2,5	1,72E-43
ITGA5	ENSG00000161638.10	22,81	132,964	-2,492	2,76E-41
HBA1	ENSG00000206172.8	5,88	37,652	-2,49	2,38E-40
GABBR1	ENSG00000204681.10	11,235	66,606	-2,466	1,78E-50
TNS4	ENSG00000131746.12	4,935	31,743	-2,464	1,31E-28
MALAT1	ENSG00000251562.7	68,509	381,158	-2,459	2,88E-32
SEC31B	ENSG00000075826.16	2,775	19,734	-2,457	2,28E-46
COL16A1	ENSG00000084636.17	21,976	123,815	-2,442	1,04E-54
ADAMTS9-AS1	ENSG00000241158.5	1,655	13,409	-2,44	7,77E-53
MIR222HG	ENSG00000270069.1	0,665	7,995	-2,434	2,55E-69
PI16	ENSG00000164530.13	2,045	15,37	-2,427	1,74E-25
FAM107A	ENSG00000168309.16	10,495	60,335	-2,416	1,63E-51
RP13-516M14.10	ENSG00000275888.1	0,99	9,504	-2,4	4,65E-51
GUSBP11	ENSG00000228315.11	3,645	23,445	-2,396	7,60E-58
ACSF2	ENSG00000167107.12	10,075	57,11	-2,391	9,82E-64
SNORA70	ENSG00000207165.1	0	4,233	-2,388	2,09E-10
DUOXA1	ENSG00000140254.12	2,04	14,82	-2,38	3,93E-46
RP11-448G15.3	ENSG00000261490.1	0,325	5,865	-2,373	1,98E-77
RP11-175B9.3	ENSG00000236439.4	2,92	19,269	-2,37	1,68E-39
WASH7P	ENSG00000227232.5	3,05	19,834	-2,363	3,65E-67
FER1L4	ENSG00000088340.15	0,59	7,15	-2,358	1,15E-64
RRN3P1	ENSG00000248124.7	1,295	10,71	-2,351	1,95E-67
PLA2G4B	ENSG00000243708.8	3,01	19,46	-2,351	3,25E-50
HNRNPU-AS1	ENSG00000188206.6	3,63	22,575	-2,348	1,39E-46
CYP4F12	ENSG00000186204.14	1,675	12,609	-2,347	1,28E-47
HOXD10	ENSG00000128710.5	2,545	17	-2,344	4,98E-41
MROH7	ENSG00000184313.19	0,425	6,185	-2,334	2,33E-79

FAM65C	ENSG00000042062.11	0,38	5,955	-2,333	1,30E-73
GOLGA6L5P	ENSG00000230373.8	1,73	12,74	-2,331	1,11E-48
CSNK2B-LY6G5B-118	ENSG00000263020.5	0,925	8,635	-2,323	8,11E-59
RP11-802E16.3	ENSG00000255031.5	2,06	14,245	-2,317	5,68E-56
DUOX1	ENSG00000137857.17	2,355	15,699	-2,315	2,79E-54
MEIS1	ENSG00000143995.19	7,075	39,145	-2,314	1,75E-64
MAP3K12	ENSG00000139625.12	3,06	19,18	-2,313	1,21E-74
SCGB1A1	ENSG00000149021.6	9,76	52,35	-2,31	3,15E-09
LCN10	ENSG00000187922.13	0,765	7,745	-2,309	1,13E-58
BNIP1	ENSG00000163141.18	1,21	9,94	-2,307	7,77E-41
COL4A6	ENSG00000197565.15	2,075	14,2	-2,305	1,36E-54
BMP1	ENSG00000168487.17	5,51	31,035	-2,299	2,85E-63
CTD-3035K23.7	ENSG00000274565.1	0,54	6,569	-2,297	3,63E-81
PDLIM7	ENSG00000196923.13	62,391	310,037	-2,295	1,61E-58
AHSA2	ENSG00000173209.22	17,525	89,728	-2,292	4,53E-42
ACOX2	ENSG00000168306.12	4,255	24,709	-2,291	3,01E-69
PRIMA1	ENSG00000175785.12	1,19	9,719	-2,291	1,01E-67
MUC4	ENSG00000145113.21	1,04	8,954	-2,287	5,62E-29
LCNL1	ENSG00000214402.6	0,15	4,603	-2,285	1,57E-66
WISP2	ENSG00000064205.10	1,505	11,164	-2,28	4,69E-34
STX16-NPEPL1	ENSG00000254995.4	0,98	8,559	-2,271	7,90E-46
YJEFN3	ENSG00000250067.11	2,24	14,632	-2,27	7,22E-40
AGER	ENSG00000204305.13	2,15	14,138	-2,265	8,10E-64
PRDM8	ENSG00000152784.15	4,025	23,11	-2,262	9,75E-28
KSR1	ENSG00000141068.13	3,155	18,895	-2,26	6,47E-58
PDK4	ENSG00000004799.7	13,355	67,339	-2,251	4,81E-25
ALS2CL	ENSG00000178038.16	1,895	12,729	-2,246	4,52E-69
CTD-2545G14.4	ENSG00000279812.1	0	3,738	-2,244	1,15E-27
IGFBP6	ENSG00000167779.7	45,814	219,404	-2,235	2,21E-42
SAP25	ENSG00000205307.10	0,49	6,01	-2,234	2,01E-51
RIC3	ENSG00000166405.14	6,315	33,383	-2,233	2,12E-45
HBA2	ENSG00000188536.12	12,715	63,414	-2,232	1,09E-37
PRSS1	ENSG00000204983.12	0	3,694	-2,231	5,99E-57
MAN2C1	ENSG00000140400.14	48,839	232,687	-2,229	2,60E-52
IDS	ENSG00000241489.7	2,605	15,885	-2,228	9,03E-38
FAM160B2	ENSG00000158863.21	22,16	107,41	-2,227	1,75E-73
MAGI2-AS3	ENSG00000234456.7	4,33	23,89	-2,223	9,41E-72
HERC2P2	ENSG00000276550.4	8,18	41,711	-2,218	2,87E-30
EHBP1L1	ENSG00000173442.11	17,019	82,406	-2,211	1,15E-68
LPIN3	ENSG00000132793.11	4,795	25,659	-2,202	3,53E-55
TCIRG1	ENSG00000110719.9	30,355	143,25	-2,202	3,95E-51
ITGA7	ENSG00000135424.15	11,41	56,02	-2,2	7,77E-49
RNF112	ENSG00000128482.15	0,835	7,405	-2,195	7,29E-61
CYP4B1	ENSG00000142973.12	3,685	20,44	-2,194	7,56E-33
TAF1C	ENSG00000103168.16	12,62	61,154	-2,19	3,21E-58
LINC00894	ENSG00000235703.5	1,225	9,155	-2,19	4,37E-41

ACAP3	ENSG00000131584.18	11,3	54,955	-2,186	9,23E-55
TINAGL1	ENSG00000142910.15	16,725	79,619	-2,185	6,01E-62
TNFRSF25	ENSG00000215788.9	2,31	14,035	-2,183	1,05E-61
PLP1	ENSG00000123560.13	1,22	9,074	-2,182	8,40E-43
NTF4	ENSG00000225950.7	2,115	13,07	-2,175	1,93E-41
PABPC1L	ENSG00000101104.12	7,96	39,424	-2,174	1,89E-28
TWIST2	ENSG00000233608.3	3,665	20,01	-2,171	3,80E-56
CCNL2	ENSG00000221978.11	55,1	251,427	-2,17	9,75E-40
RP11-350N15.4	ENSG00000255201.1	0,27	4,71	-2,169	5,74E-68
SNRPGP15	ENSG00000224543.4	0,44	5,47	-2,168	1,18E-42
IFFO1	ENSG00000010295.19	2,73	15,739	-2,166	2,07E-66
RP1-59D14.5	ENSG00000263345.1	0,92	7,6	-2,163	4,75E-50
RASGRP2	ENSG00000068831.18	5,08	26,215	-2,162	1,09E-61
RP1-170O19.17	ENSG00000253308.2	0,51	5,725	-2,155	4,40E-43
SMARCD3	ENSG00000082014.16	15,21	71,046	-2,152	4,10E-73
PARP6	ENSG00000137817.16	16,815	78,14	-2,151	7,85E-48
HSD11B1	ENSG00000117594.9	2,73	15,525	-2,147	9,36E-38
P2RX2	ENSG00000187848.12	0,95	7,625	-2,145	2,60E-57
RP11-295P9.3	ENSG00000239665.8	6,8	33,474	-2,144	1,35E-37
PDE2A	ENSG00000186642.15	3,09	16,96	-2,135	8,31E-59
PRSS2	ENSG00000275896.4	0,065	3,67	-2,133	7,08E-47
SLX1A-SULT1A3	ENSG00000213599.9	2,705	15,235	-2,132	2,76E-58
SLC25A27	ENSG00000153291.15	14,495	66,886	-2,131	4,58E-26
PLAC9	ENSG00000189129.13	3,795	19,985	-2,13	5,02E-46
FBXO17	ENSG00000269190.5	4,19	21,703	-2,129	1,13E-57
ADH1B	ENSG00000196616.12	0,995	7,71	-2,126	1,22E-49
LAT	ENSG00000213658.10	3,9	20,271	-2,118	2,59E-47
PAN2	ENSG00000135473.14	13,93	63,678	-2,115	1,15E-47
NCAM1	ENSG00000149294.16	1,59	10,215	-2,114	2,06E-43
STAB1	ENSG00000010327.10	10,995	50,7	-2,108	6,05E-40
PNMT	ENSG00000141744.3	0,33	4,72	-2,105	1,45E-68
ACTA1	ENSG00000143632.14	0,575	5,77	-2,104	2,24E-08
AC093495.4	ENSG00000228242.6	1,54	9,91	-2,103	7,36E-52
BTNL9	ENSG00000165810.16	1,055	7,823	-2,102	5,29E-47
RP4-800G7.2	ENSG00000244560.6	3,87	19,895	-2,101	2,34E-39
NTRK3	ENSG00000140538.16	0,8	6,685	-2,094	2,78E-59
RP11-793H13.10	ENSG00000267281.2	1,825	11,055	-2,093	2,74E-50
AC138035.2	ENSG00000238035.8	1,96	11,579	-2,087	5,07E-33
CDRT4	ENSG00000239704.10	2,845	15,32	-2,086	3,20E-36
MTMR11	ENSG00000014914.19	2,075	12,039	-2,084	1,31E-74
RP11-157P1.4	ENSG00000226332.2	1,63	10,14	-2,083	5,96E-63
KRT23	ENSG00000108244.16	4,12	20,664	-2,081	1,58E-19
AMT	ENSG00000145020.14	8,985	41,22	-2,08	4,95E-63
RP11-734K23.9	ENSG00000277701.4	2,85	15,255	-2,078	6,35E-26
PGM5-AS1	ENSG00000224958.5	12,94	57,795	-2,076	1,03E-20
ARHGEF17	ENSG00000110237.3	9,535	43,289	-2,072	1,78E-50

ADAMTSL4	ENSG00000143382.13	1,74	10,514	-2,071	2,71E-61
SEMA3B	ENSG0000012171.17	7,875	36,275	-2,07	1,69E-79
AOX1	ENSG00000138356.13	4,38	21,595	-2,07	1,58E-43
DMPK	ENSG00000104936.17	21,265	92,414	-2,069	1,16E-67
FENRR	ENSG00000268388.5	4,765	23,175	-2,068	1,42E-31
RP11-415J8.3	ENSG00000225313.5	1,09	7,755	-2,067	1,32E-46
SCGB3A1	ENSG00000161055.3	2,705	14,491	-2,064	1,14E-24
PKD1	ENSG00000008710.17	22,745	97,666	-2,055	8,97E-49
UBA7	ENSG00000182179.10	18,12	78,3	-2,052	4,31E-48
RP11-228B15.4	ENSG00000225032.5	0,89	6,81	-2,047	2,23E-56
PNISR	ENSG00000132424.14	30,38	128,559	-2,046	6,65E-45
STARD9	ENSG00000159433.11	0,64	5,77	-2,045	2,48E-77
TRANK1	ENSG00000168016.13	3,13	16,044	-2,045	3,27E-38
XAF1	ENSG00000132530.16	4,845	23,111	-2,044	2,03E-36
EGFL8	ENSG00000241404.6	6,045	28,025	-2,043	2,19E-55
AGAP6	ENSG00000204149.9	5,33	25,069	-2,042	2,15E-42
NFASC	ENSG00000163531.15	3,03	15,57	-2,04	5,36E-44
FHL1	ENSG0000022267.16	61,864	257,315	-2,039	4,10E-25
GPRASP1	ENSG00000198932.12	3,225	16,349	-2,038	1,32E-59
RTKL1-TNFRSF6B	ENSG0000026036.20	1,5	9,27	-2,038	7,10E-58
ENGASE	ENSG00000167280.16	9,13	40,562	-2,037	1,18E-41
PILRB	ENSG00000121716.18	14,555	62,819	-2,037	7,91E-33
DLG4	ENSG00000132535.18	5,17	24,265	-2,034	4,48E-67
DNHD1	ENSG00000179532.12	1,63	9,764	-2,033	1,75E-53
TRAF5	ENSG00000082512.14	2,93	15,001	-2,026	9,76E-62
ASMT	ENSG00000236017.7	5,58	25,78	-2,025	1,22E-29
LTB4R	ENSG00000213903.8	2,205	12,011	-2,021	1,03E-70
MIR4697HG	ENSG00000280237.1	1,18	7,825	-2,017	8,54E-63
ARHGEF25	ENSG00000240771.6	13,465	57,547	-2,017	9,78E-60
HSPB6	ENSG00000004776.11	50,383	206,958	-2,017	9,75E-29
MIR205HG	ENSG00000230937.9	22,57	94,179	-2,014	2,08E-21
MPZ	ENSG00000158887.15	0,85	6,46	-2,012	4,22E-61
LAMA5	ENSG00000130702.13	43,68	179,277	-2,012	5,34E-59
GNRH1	ENSG00000147437.9	0,6	5,449	-2,011	1,18E-62
PLAGL1	ENSG00000118495.18	4,995	23,129	-2,009	3,02E-42
LIMS2	ENSG00000072163.18	29,81	122,551	-2,004	2,12E-44
NPR2	ENSG00000159899.14	5,375	24,545	-2,003	5,15E-68
SMG1P7	ENSG00000261556.8	1,02	7,1	-2,003	6,04E-57
RP11-326C3.2	ENSG00000255026.1	0,605	5,433	-2,003	4,62E-41
TRIM29	ENSG00000137699.16	24,63	101,641	-2,002	1,58E-17
GRASP	ENSG00000161835.10	6,645	29,544	-1,998	6,21E-44
DMKN	ENSG00000161249.20	14,62	61,307	-1,996	9,26E-39
BHMT2	ENSG00000132840.9	2,42	12,61	-1,993	1,05E-55
CCK	ENSG00000187094.11	3,18	15,635	-1,993	3,23E-09
CTD-3252C9.4	ENSG00000267519.3	3,455	16,715	-1,991	6,12E-30
COL6A2	ENSG00000142173.14	113,909	453,481	-1,984	1,14E-44

TBX2	ENSG00000121068.13	4,695	21,495	-1,982	9,64E-62
S100B	ENSG00000160307.9	2,29	12	-1,982	3,98E-46
RP11-159D12.2	ENSG00000264112.1	1,94	10,6	-1,98	1,89E-39
RP5-1056L3.3	ENSG00000226396.1	2,55	13,009	-1,98	4,90E-37
JPH4	ENSG00000092051.16	2,655	13,42	-1,98	1,59E-33
CACNB1	ENSG00000067191.15	1,865	10,29	-1,978	5,49E-58
SPACA6P	ENSG00000182310.12	6,375	28,022	-1,976	3,57E-74
SLC2A5	ENSG00000142583.17	1,47	8,695	-1,973	1,69E-16
RDH5	ENSG00000135437.9	2,66	13,344	-1,971	1,34E-62
FXYD1	ENSG00000266964.5	19,18	78,072	-1,97	8,76E-37
AC009120.6	ENSG00000259972.2	4,185	19,295	-1,969	1,99E-45
P2RX1	ENSG00000108405.3	1,94	10,5	-1,968	8,61E-43
RP3-508I15.20	ENSG00000273096.1	0	2,9	-1,963	2,26E-24
CELF6	ENSG00000140488.14	0,675	5,525	-1,962	1,71E-54
FAM229A	ENSG00000225828.1	2,34	12,01	-1,962	1,19E-52
PLCH2	ENSG00000149527.17	5,305	23,558	-1,962	6,14E-32
SLC17A9	ENSG00000101194.17	0,52	4,915	-1,96	4,26E-58
COL4A3	ENSG00000169031.18	0,735	5,748	-1,96	1,99E-57
ATP1A2	ENSG00000018625.14	4,5	20,382	-1,959	3,96E-23
MPP3	ENSG00000161647.18	2,445	12,385	-1,958	5,24E-58
SLC16A5	ENSG00000170190.15	3,06	14,77	-1,958	6,43E-37
CSAD	ENSG00000139631.18	16,35	66,415	-1,958	7,07E-37
RBFOX3	ENSG00000167281.18	3,995	18,405	-1,958	1,52E-27
NPIP3	ENSG00000169246.16	21,095	84,799	-1,957	8,84E-32
HOXD11	ENSG00000128713.12	1,705	9,495	-1,956	7,55E-33
FLNA	ENSG00000196924.14	506,159	1965,457	-1,955	1,35E-34
MTMR9LP	ENSG00000220785.7	2,885	14,04	-1,953	2,60E-52
AC025165.8	ENSG00000224713.4	0,15	3,45	-1,952	9,09E-72
ITIH4	ENSG00000055955.15	2,005	10,595	-1,948	1,91E-43
S100A8	ENSG00000143546.9	3,29	15,515	-1,945	4,47E-26
PTH1R	ENSG00000160801.13	1,01	6,719	-1,941	1,72E-59
ACACB	ENSG00000076555.15	3,47	16,149	-1,94	7,66E-59
C7	ENSG00000112936.18	19,7	78,454	-1,94	5,78E-21
FSTL3	ENSG00000070404.9	11,41	46,517	-1,937	2,35E-53
RP13-104F24.2	ENSG00000215769.8	2,295	11,62	-1,937	7,93E-43
KCNIP3	ENSG00000115041.12	2,215	11,295	-1,935	1,82E-74
WDR27	ENSG00000184465.15	8,035	33,527	-1,934	2,58E-42
VAMP1	ENSG00000139190.16	3,68	16,87	-1,933	7,86E-67
CDC25B	ENSG00000101224.17	5,71	24,609	-1,932	2,32E-53
TRIP10	ENSG00000125733.17	23,125	90,984	-1,931	5,91E-81
CTD-2517M22.14	ENSG00000255182.2	2,15	11	-1,93	1,43E-24
TMEM255B	ENSG00000184497.12	2,455	12,135	-1,927	1,15E-53
EFS	ENSG00000100842.12	7,8	32,465	-1,927	1,44E-40
SERPINF1	ENSG00000132386.10	67,409	258,361	-1,923	5,03E-40
MUSTN1	ENSG00000272573.5	3,78	17,12	-1,923	3,55E-25
FCHSD1	ENSG00000197948.10	5,045	21,86	-1,919	6,97E-49

CTD-2228K2.7	ENSG00000225138.7	8,22	33,868	-1,919	4,42E-28
SNRPGP10	ENSG00000235363.1	2,115	10,774	-1,918	2,65E-33
PPP1R14A	ENSG00000167641.10	22,099	86,252	-1,917	8,26E-40
FAM193B	ENSG00000146067.15	29,561	114,32	-1,916	6,45E-48
RP11-419C5.2	ENSG00000226232.8	4,655	20,325	-1,915	1,94E-32
AGAP11	ENSG00000271880.1	0,81	5,81	-1,912	8,17E-54
JMJD7-PLA2G4B	ENSG00000168970.20	2,685	12,864	-1,912	4,11E-46
RP11-164J13.1	ENSG00000258461.5	0,64	5,165	-1,91	2,84E-55
CTC-524C5.2	ENSG00000263272.1	1,975	10,179	-1,91	1,07E-39
TNS2	ENSG00000111077.17	34,825	133,144	-1,905	3,40E-54
RP11-69E11.4	ENSG00000182109.7	5,395	22,945	-1,905	2,69E-37
CTD-2373N4.3	ENSG00000279041.1	0,44	4,385	-1,903	9,80E-65
MEIS2	ENSG00000134138.19	11,48	45,66	-1,903	1,75E-30
PKD1P1	ENSG00000244257.5	1,105	6,86	-1,901	2,17E-19
RARRES1	ENSG00000118849.9	10,76	42,927	-1,901	3,46E-18
REC8	ENSG00000100918.12	5,035	21,485	-1,898	3,07E-68
ATG16L2	ENSG00000168010.10	6,19	25,795	-1,898	1,43E-58
RIMKLB	ENSG00000166532.15	8,435	34,15	-1,897	1,26E-63
CDK11A	ENSG00000008128.22	16,875	65,555	-1,897	3,84E-43
WFDC2	ENSG00000101443.17	59,736	225,018	-1,896	1,52E-24
RP11-203J24.9	ENSG00000257524.5	1,615	8,72	-1,894	1,95E-62
BRICD5	ENSG00000182685.7	2,42	11,705	-1,893	1,91E-49
PLXNB1	ENSG00000164050.12	37,234	141,028	-1,893	3,08E-43
SMTN	ENSG00000183963.18	77,891	291,034	-1,888	4,93E-41
RP11-19P22.8	ENSG00000266872.1	0,81	5,694	-1,887	5,77E-69
RP11-182J1.12	ENSG00000259244.1	0,87	5,915	-1,887	3,14E-42
PI4KAP1	ENSG00000274602.4	2,85	13,24	-1,887	1,49E-34
NID2	ENSG00000087303.16	2,935	13,545	-1,886	1,32E-49
NPIP4	ENSG00000185864.16	11,99	46,944	-1,884	1,21E-24
ADGRD1	ENSG00000111452.12	1,475	8,11	-1,88	4,15E-42
NPIPA1	ENSG00000183426.15	37,25	139,637	-1,878	8,81E-45
ID1	ENSG00000125968.8	38,239	142,898	-1,875	7,50E-33
PLEKHH2	ENSG00000152527.13	0,73	5,325	-1,87	6,58E-66
SNHG18	ENSG00000250786.1	5,59	23,065	-1,869	5,35E-39
CRYAB	ENSG00000109846.7	57,825	213,508	-1,867	7,91E-38
GSDMB	ENSG00000073605.18	3,8	16,48	-1,865	5,20E-42
STAG3L5P-PVRIG2P-I	ENSG00000272752.5	24,501	91,783	-1,863	6,87E-39
LDB3	ENSG00000122367.19	3,545	15,51	-1,861	1,03E-23
CENPT	ENSG00000102901.12	18,565	70,039	-1,86	2,58E-62
LCN6	ENSG00000267206.5	1,67	8,67	-1,857	4,04E-49
PNCK	ENSG00000130822.15	6,345	25,595	-1,856	2,84E-43
LINC00844	ENSG00000237949.1	9,15	35,735	-1,856	4,39E-13
RP11-87H9.4	ENSG00000280077.1	1,98	9,767	-1,853	1,13E-53
SMOC1	ENSG00000198732.10	5,61	22,875	-1,853	7,13E-23
GLIS1	ENSG00000174332.5	1,13	6,69	-1,852	2,77E-55
NRBP2	ENSG00000185189.15	16,16	60,966	-1,852	3,29E-34

DPY19L2	ENSG00000177990.11	3,905	16,704	-1,852	9,04E-20
DNM1	ENSG00000106976.18	2,11	10,21	-1,85	1,28E-50
ALOX12P2	ENSG00000262943.7	0,765	5,365	-1,85	2,18E-32
LYVE1	ENSG00000133800.8	0,63	4,87	-1,849	3,41E-55
RP11-696N14.1	ENSG00000246090.6	1,26	7,14	-1,849	2,04E-51
RUSC1-AS1	ENSG00000225855.6	2,49	11,555	-1,847	1,05E-43
SERPINB11	ENSG00000206072.12	1,735	8,835	-1,846	3,67E-08
ZNF655	ENSG00000197343.10	10,95	41,844	-1,842	1,32E-32
KIAA0895L	ENSG00000196123.12	7,845	30,685	-1,841	7,50E-36
TCEAL2	ENSG00000184905.8	8,725	33,814	-1,84	7,97E-32
NOTCH4	ENSG00000204301.6	4,135	17,365	-1,839	5,10E-63
HOXD13	ENSG00000128714.5	2,05	9,91	-1,839	8,90E-29
HERC2P3	ENSG00000180229.12	4,21	17,629	-1,838	1,17E-26
PCP4L1	ENSG00000248485.1	1,295	7,2	-1,837	3,24E-36
ZSWIM8-AS1	ENSG00000272589.1	0,86	5,64	-1,836	9,25E-55
PENK	ENSG00000181195.10	1,73	8,75	-1,836	1,76E-24
AFG3L1P	ENSG00000223959.8	5,54	22,33	-1,835	4,54E-55
MEGF6	ENSG00000162591.15	9,145	35,189	-1,835	4,87E-33
NPIPP1	ENSG00000188599.17	9,925	37,869	-1,831	1,03E-61
KIFC3	ENSG00000140859.15	6,155	24,44	-1,83	7,20E-60
CKM	ENSG00000104879.4	0,99	6,075	-1,83	1,58E-08
MIB2	ENSG00000197530.12	19,195	70,768	-1,829	2,29E-60
SNAI2	ENSG0000019549.8	4,52	18,584	-1,827	6,97E-28
HOXB2	ENSG00000173917.10	2,635	11,89	-1,826	2,00E-66
CHKB	ENSG00000100288.19	29,345	106,439	-1,824	2,11E-55
FOXF1	ENSG00000103241.6	4,875	19,785	-1,823	5,53E-35
RBM6	ENSG00000004534.14	40,999	147,522	-1,822	1,70E-43
ARGLU1	ENSG00000134884.13	46,84	168,166	-1,822	1,36E-31
RP11-43N16.4	ENSG00000279861.1	1,445	7,64	-1,821	3,98E-45
PPT2-EGFL8	ENSG00000258388.7	1,39	7,44	-1,82	1,84E-50
ROBO3	ENSG00000154134.14	5,39	21,564	-1,82	4,26E-47
ARMCX4	ENSG00000196440.11	4,81	19,484	-1,818	1,41E-48
CSDC2	ENSG00000172346.14	2,695	12,02	-1,817	4,76E-51
CTD-2033D15.2	ENSG00000276107.1	0,34	3,719	-1,816	3,74E-51
PGF	ENSG00000119630.13	2,58	11,589	-1,814	1,22E-58
ENTHD2	ENSG00000167302.9	10,33	38,825	-1,814	4,18E-52
GAS1	ENSG00000180447.6	3,795	15,835	-1,812	1,08E-34
RP11-166D19.1	ENSG00000255248.6	6,68	25,95	-1,811	3,27E-50
AC093642.3	ENSG00000237940.3	2,51	11,305	-1,81	1,30E-27
RP11-235E17.6	ENSG00000262903.1	0,39	3,87	-1,809	2,57E-61
ZNF767P	ENSG00000133624.13	5,755	22,675	-1,809	2,22E-52
RP11-268J15.5	ENSG00000116883.8	1,475	7,675	-1,809	1,34E-42
NKTR	ENSG00000114857.17	13,025	48,15	-1,809	3,45E-26
CLASRP	ENSG00000104859.14	31,925	114,178	-1,807	7,76E-51
CYP2D7	ENSG00000205702.10	0,865	5,52	-1,806	3,98E-51
CCDC84	ENSG00000186166.8	9,66	36,23	-1,804	4,54E-53

NEAT1	ENSG00000245532.5	526,539	1841,543	-1,804	6,75E-15
SRD5A2	ENSG00000277893.1	2,81	12,29	-1,802	8,40E-32
AC005336.5	ENSG00000267218.2	0,805	5,294	-1,802	9,97E-05
RAPGEF3	ENSG00000079337.15	7,655	29,155	-1,801	2,33E-45
RP4-669L17.10	ENSG00000237094.11	8,825	33,217	-1,8	6,75E-22
PTOV1-AS2	ENSG00000269352.1	7,815	29,675	-1,799	5,48E-30
KRT5	ENSG00000186081.11	56,5	199,134	-1,799	1,13E-09
PKD1P6	ENSG00000270580.5	5,415	21,294	-1,797	1,02E-47
CRIP3	ENSG00000146215.13	1,26	6,845	-1,795	5,73E-48
RP11-128A17.2	ENSG00000274444.1	0,125	2,895	-1,792	3,35E-60
TPTEP1	ENSG00000100181.21	3,79	15,57	-1,79	1,11E-16
NUMBL	ENSG00000105245.9	8,84	32,981	-1,788	1,28E-51
LMO3	ENSG00000048540.14	1,94	9,155	-1,788	4,89E-46
RP4-635E18.8	ENSG00000271895.2	6,095	23,463	-1,786	2,91E-51
CCDC146	ENSG00000135205.14	2,275	10,29	-1,785	2,27E-56
SHANK3	ENSG00000251322.7	2,565	11,285	-1,785	3,04E-44
PRSS50	ENSG00000206549.12	0,16	2,995	-1,784	1,94E-64
LINC01355	ENSG00000261326.2	1,19	6,54	-1,784	1,71E-40
RP4-669L17.8	ENSG00000250575.1	2,59	11,359	-1,784	3,95E-39
WDR86	ENSG00000187260.15	1,3	6,915	-1,783	6,03E-53
uc_338	ENSG00000274051.1	0	2,439	-1,782	8,53E-27
ST6GALNAC2	ENSG00000070731.9	3,04	12,87	-1,78	1,23E-47
WSB1	ENSG00000109046.14	29,28	102,974	-1,78	4,40E-29
NCKAP5L	ENSG00000167566.16	3,55	14,61	-1,779	4,65E-57
TP63	ENSG00000073282.12	4	16,13	-1,776	6,25E-13
DMTF1	ENSG00000135164.18	16,969	60,519	-1,775	5,75E-38
RP5-966M1.6	ENSG00000243696.4	0,34	3,584	-1,774	4,12E-59
BTBD19	ENSG00000222009.8	0,63	4,569	-1,773	1,06E-67
LINC01125	ENSG00000228486.9	2,695	11,62	-1,772	1,49E-35
PER1	ENSG00000179094.13	34,924	121,688	-1,772	1,49E-30
L3MBTL1	ENSG00000185513.14	3,2	13,33	-1,771	3,95E-44
C1QTNF1	ENSG00000173918.14	11,805	42,715	-1,771	4,23E-41
ZNF219	ENSG00000165804.15	9,52	34,886	-1,77	1,99E-73
AC132217.4	ENSG00000240801.1	4,725	18,52	-1,77	6,15E-33
HOXA-AS2	ENSG00000253552.7	3,985	15,995	-1,769	1,62E-54
HOXB3	ENSG00000120093.11	1,46	7,385	-1,769	3,71E-54
GSTP1	ENSG00000084207.15	91,122	313,071	-1,769	3,53E-45
S100A9	ENSG00000163220.10	10,455	38,01	-1,768	3,22E-17
PDGFRB	ENSG00000113721.13	14,095	50,364	-1,767	3,34E-20
ACAD11	ENSG00000240303.7	6,86	25,709	-1,765	8,65E-47
ADCY5	ENSG00000173175.14	4,875	18,964	-1,765	8,77E-33
MMP23B	ENSG00000189409.12	2,945	12,393	-1,763	9,12E-54
PCP4	ENSG00000183036.10	72,985	249,915	-1,762	2,38E-17
CMAHP	ENSG00000168405.14	4,625	18,061	-1,761	5,85E-42
RP11-574K11.24	ENSG00000279088.1	3,85	15,435	-1,761	3,12E-38
CES4A	ENSG00000172824.14	2,93	12,316	-1,761	1,72E-31

KCNIP2	ENSG00000120049.18	0,495	4,05	-1,756	4,15E-64
NLRP1	ENSG00000091592.15	7,37	27,26	-1,755	2,28E-53
CPAMD8	ENSG00000160111.12	13,84	49,089	-1,755	1,30E-30
PEAR1	ENSG00000187800.13	1,275	6,675	-1,754	7,39E-48
OBSCN	ENSG00000154358.19	3,14	12,94	-1,752	5,91E-37
NDRG2	ENSG00000165795.20	62,376	212,268	-1,751	1,42E-50
RP5-855D21.3	ENSG00000272812.1	1,35	6,905	-1,75	3,45E-34
SFXN3	ENSG00000107819.13	7,715	28,295	-1,749	2,18E-53
LUC7L	ENSG00000007392.16	33,025	113,31	-1,748	1,50E-51
FGFR1	ENSG00000077782.19	21,68	75,12	-1,747	3,96E-40
LINC00342	ENSG00000232931.5	3,055	12,61	-1,747	7,59E-31
TBX4	ENSG00000121075.9	0,4	3,7	-1,747	2,90E-21
PGA3	ENSG00000229859.8	0,06	2,555	-1,746	2,18E-42
FXVD6	ENSG00000137726.15	18,97	66,006	-1,746	9,96E-40
TAZ	ENSG00000102125.15	13,665	48,172	-1,745	2,30E-59
RBPMS	ENSG00000157110.15	53,245	180,705	-1,744	2,32E-49
TUBG2	ENSG00000037042.8	10,1	36,165	-1,743	5,32E-74
MAMDC4	ENSG00000177943.13	2,89	12,015	-1,742	2,40E-37
COL5A1	ENSG00000130635.15	11,43	40,547	-1,741	3,80E-25
ARHGEF40	ENSG00000165801.9	6,87	25,28	-1,74	7,37E-76
RSPO1	ENSG00000169218.13	0,59	4,31	-1,74	2,14E-53
PHLDB1	ENSG00000019144.16	20,52	70,874	-1,74	3,25E-52
PRKCDBP	ENSG00000170955.9	9,485	34	-1,739	1,17E-45
RP11-66N24.3	ENSG00000258727.1	4,795	18,339	-1,739	3,91E-21
ZNF37BP	ENSG00000234420.7	2,48	10,605	-1,738	1,03E-45
WASH5P	ENSG00000282458.1	15,04	52,456	-1,737	1,57E-31
RAPGEFL1	ENSG00000108352.11	2,96	12,18	-1,735	1,92E-52
RP11-347C12.1	ENSG00000198064.13	1,18	6,255	-1,735	7,10E-40
SORBS1	ENSG00000095637.20	21,77	74,814	-1,735	9,96E-21
DENND3	ENSG00000105339.10	6,91	25,304	-1,734	2,25E-42
AC114730.11	ENSG00000235351.1	0,51	4,015	-1,732	5,77E-50
PDXDC2P	ENSG00000196696.12	7,25	26,415	-1,732	3,35E-28
LIME1	ENSG00000203896.9	4,015	15,63	-1,729	6,42E-45
ACTC1	ENSG00000159251.6	4,125	15,98	-1,728	8,57E-12
PRODH	ENSG00000100033.16	0,735	4,745	-1,727	1,18E-60
ZNF83	ENSG00000167766.18	20,895	71,448	-1,726	3,71E-45
PLEKHG2	ENSG00000090924.14	5,1	19,175	-1,726	2,78E-42
RP11-274B21.3	ENSG00000243679.1	8,585	30,71	-1,726	7,82E-42
FAXDC2	ENSG00000170271.10	7,455	26,969	-1,726	1,39E-32
TLE2	ENSG00000065717.14	18,075	62,074	-1,725	1,48E-66
ASIC3	ENSG00000213199.7	1,61	7,62	-1,724	1,11E-28
SNAP25	ENSG00000132639.12	1,045	5,745	-1,722	1,89E-60
LINC00969	ENSG00000242086.8	20,745	70,719	-1,722	4,93E-46
TGFB3	ENSG00000119699.7	18,435	63,1	-1,722	2,59E-19
LINC01160	ENSG00000231346.5	0,37	3,51	-1,719	9,52E-72
S100P	ENSG00000163993.6	11,41	39,858	-1,719	7,99E-07

LRP5L	ENSG00000100068.11	2,755	11,355	-1,718	1,37E-57
KCNAB3	ENSG00000170049.9	0,89	5,215	-1,717	6,59E-40
RP11-631N16.4	ENSG00000275180.1	1,6	7,545	-1,717	1,75E-39
PPP1R12C	ENSG00000125503.12	46,226	154,129	-1,716	2,75E-78
FBLN1	ENSG00000077942.17	102,433	338,895	-1,716	6,57E-25
PROK1	ENSG00000143125.5	1,615	7,589	-1,716	3,27E-15
RP11-1212A22.1	ENSG00000205746.9	8,525	30,238	-1,714	2,14E-18
ST5	ENSG00000166444.17	21,475	72,687	-1,713	2,89E-55
MRVI1	ENSG00000072952.18	9,315	32,7	-1,708	3,04E-28
COL23A1	ENSG00000050767.15	1,165	6,07	-1,707	8,54E-52
MAP3K6	ENSG00000142733.14	18,27	61,864	-1,706	1,97E-46
NINL	ENSG00000101004.14	4,05	15,47	-1,705	1,53E-40
IP6K3	ENSG00000161896.10	0,48	3,825	-1,705	2,01E-37
RP11-258C19.7	ENSG00000270189.1	2,98	11,97	-1,704	4,77E-47
PLEKHM1P	ENSG00000214176.9	3,3	13	-1,703	9,15E-57
ADCY3	ENSG00000138031.14	12,11	41,62	-1,701	3,91E-48
SLX1B-SULT1A4	ENSG00000260280.5	1,22	6,219	-1,701	2,38E-44
ARHGAP23	ENSG00000275832.4	5,245	19,285	-1,7	4,12E-41
SNCG	ENSG00000173267.13	14,684	49,942	-1,7	2,29E-37
RP4-631H13.6	ENSG00000230953.2	0	2,25	-1,7	9,26E-07
C15orf59	ENSG00000205363.5	4,925	18,24	-1,699	7,08E-47
FAM13A-AS1	ENSG00000248019.2	1,225	6,225	-1,699	7,78E-31
LGR6	ENSG00000133067.17	0,59	4,16	-1,698	8,14E-42
PRCD	ENSG00000214140.10	0,715	4,56	-1,697	1,55E-63
PKD1P6	ENSG00000250251.6	6,295	22,655	-1,697	1,22E-29
AC005519.4	ENSG00000258559.2	0,36	3,4	-1,694	2,64E-58
LMBR1L	ENSG00000139636.15	18,895	63,35	-1,694	7,95E-57
CTD-2013N17.6	ENSG00000280332.1	0,56	4,04	-1,692	8,73E-51
NR1D1	ENSG00000126368.5	5,675	20,572	-1,692	2,36E-39
STARD8	ENSG00000130052.13	1,745	7,865	-1,691	2,77E-48
AC024560.3	ENSG00000214135.8	5,315	19,358	-1,689	1,55E-42
PHYHIP	ENSG00000168490.13	1,67	7,605	-1,688	1,25E-56
RP11-465B22.8	ENSG00000272141.1	3,485	13,45	-1,688	4,05E-21
AC005154.6	ENSG00000196295.11	13,28	44,983	-1,687	2,81E-33
L1CAM	ENSG00000198910.12	0,695	4,455	-1,686	6,12E-50
ITGB4	ENSG00000132470.13	21,18	70,362	-1,686	8,76E-32
S100A14	ENSG00000189334.8	3,515	13,5	-1,683	1,12E-28
BCL6	ENSG00000113916.17	14,85	49,864	-1,682	1,80E-34
SIN3B	ENSG00000127511.9	17,019	56,759	-1,68	2,90E-50
BDH2	ENSG00000164039.14	14,22	47,725	-1,679	1,14E-54
RP11-481A20.10	ENSG00000254507.2	0,4	3,48	-1,678	1,03E-28
BEGAIN	ENSG00000183092.15	0,77	4,66	-1,677	5,44E-60
TNS1	ENSG00000079308.16	35,25	114,821	-1,676	1,13E-22
RARRES2	ENSG00000106538.9	59,01	190,645	-1,675	8,88E-42
GPM6B	ENSG00000046653.14	4,45	16,389	-1,674	3,94E-46
C2orf88	ENSG00000187699.10	0,875	4,98	-1,673	6,87E-57

RASL12	ENSG00000103710.10	11,69	39,445	-1,672	3,30E-35
PODN	ENSG00000174348.13	13,575	45,45	-1,672	2,08E-29
PI4KAP2	ENSG00000183506.16	4,78	17,399	-1,671	6,90E-48
ISYNA1	ENSG00000105655.18	20,429	67,179	-1,67	9,59E-64
SLC7A6	ENSG00000103064.13	2,66	10,65	-1,67	6,92E-40
ARAP3	ENSG00000120318.15	2,735	10,88	-1,669	5,77E-58
DDX26B	ENSG00000165359.14	1,73	7,665	-1,666	2,50E-52
EDN3	ENSG00000124205.15	0,49	3,725	-1,665	7,53E-38
EFEMP2	ENSG00000172638.12	26,07	84,785	-1,664	1,32E-53
TRAF1	ENSG00000056558.10	2,14	8,95	-1,664	1,00E-47
ZNF204P	ENSG00000204789.4	2,465	9,97	-1,663	7,84E-55
MICAL1	ENSG00000135596.17	14,115	46,835	-1,662	7,32E-33
RP5-1057I20.4	ENSG00000268069.2	0,92	5,064	-1,659	4,15E-71
NSUN5P1	ENSG00000223705.9	19,21	62,793	-1,658	3,50E-35
RMST_10	ENSG00000277081.1	2,435	9,835	-1,657	2,92E-09
CCDC130	ENSG00000104957.13	18,735	61,186	-1,656	6,41E-65
GIPR	ENSG00000010310.8	0,48	3,665	-1,656	5,33E-44
C9orf3	ENSG00000148120.14	28,285	91,189	-1,654	5,75E-56
LPAR1	ENSG00000198121.13	4,545	16,445	-1,654	6,07E-47
RP11-147I3.1	ENSG00000241170.2	1,12	5,67	-1,654	1,57E-36
PINLYP	ENSG00000234465.10	3,33	12,615	-1,653	1,56E-62
CYP27A1	ENSG00000135929.8	15,275	50,2	-1,653	2,31E-17
ABO	ENSG00000175164.13	0,54	3,835	-1,651	2,31E-27
RP9P	ENSG00000205763.13	1,83	7,88	-1,65	4,29E-75
GSTM5	ENSG00000134201.10	6	20,963	-1,65	5,92E-41
PRPF40B	ENSG00000110844.13	8,845	29,859	-1,648	4,41E-67
CAPRIN2	ENSG00000110888.17	6,3	21,885	-1,648	8,34E-52
RP11-44M6.7	ENSG00000274272.1	2,86	11,085	-1,647	5,98E-47
RP13-39P12.3	ENSG00000228748.2	8,7	29,375	-1,647	9,20E-20
RP11-89K11.1	ENSG00000259658.3	0,745	4,46	-1,646	8,23E-82
ALDH1A2	ENSG00000128918.14	7,93	26,93	-1,645	1,05E-27
GPR17	ENSG00000144230.16	0,19	2,719	-1,644	2,51E-63
AKAP8L	ENSG00000011243.17	37,05	117,943	-1,644	4,82E-54
RP11-197N18.2	ENSG00000256028.2	0,495	3,669	-1,643	4,48E-53
GPR173	ENSG00000184194.5	0,385	3,32	-1,641	1,29E-58
DENND4B	ENSG00000198837.9	9,505	31,737	-1,64	3,43E-36
SERPINA5	ENSG00000188488.13	0,575	3,905	-1,639	2,93E-49
C11orf96	ENSG00000187479.5	17,13	55,479	-1,639	4,40E-22
PAGE4	ENSG00000101951.16	28,559	91,056	-1,639	4,32E-19
SFI1	ENSG00000198089.14	8,295	27,925	-1,638	9,74E-56
ZNF516	ENSG00000101493.10	3,335	12,485	-1,637	1,06E-54
TCF7L1	ENSG00000152284.4	4,885	17,29	-1,636	1,32E-62
MASP1	ENSG00000127241.16	6,905	23,561	-1,636	1,48E-13
APBB3	ENSG00000113108.17	10,835	35,77	-1,635	1,52E-42
RP3-508I15.21	ENSG00000272669.1	3,165	11,928	-1,634	5,17E-37
DLL1	ENSG00000198719.8	5,845	20,25	-1,634	1,99E-31

STAG3L5P	ENSG00000242294.6	9,54	31,714	-1,634	3,74E-21
SOX15	ENSG00000129194.7	2,57	10,07	-1,633	4,27E-57
CPT1C	ENSG00000169169.14	1,52	6,809	-1,632	1,42E-58
RGN	ENSG00000130988.12	3,93	14,275	-1,632	1,77E-49
SLC18A2	ENSG00000165646.11	0,45	3,495	-1,632	6,12E-14
SGK1	ENSG00000118515.11	22,25	71,034	-1,631	8,95E-07
CES1	ENSG00000198848.12	22,495	71,734	-1,63	2,99E-18
LLNLF-158E9.1	ENSG00000279717.1	1,16	5,68	-1,629	8,82E-05
SAMD11	ENSG00000187634.10	4,53	16,09	-1,628	2,93E-35
RNPC3	ENSG00000185946.15	5,49	19,045	-1,627	7,46E-34
DUOX2	ENSG00000140279.12	0,27	2,92	-1,626	6,18E-45
NPIPA5	ENSG00000183889.12	63,374	197,744	-1,626	5,70E-35
KRT16P6	ENSG00000226145.7	0,15	2,548	-1,625	3,29E-45
PTGDS	ENSG00000107317.11	203,713	630,367	-1,625	3,72E-17
XXbac-B461K10.4	ENSG00000093100.13	4,935	17,299	-1,624	2,23E-55
NYNRIN	ENSG00000205978.5	1,615	7,06	-1,624	5,52E-48
LA16c-358B7.3	ENSG00000261505.1	0,89	4,825	-1,624	4,37E-43
NID1	ENSG00000116962.14	7,01	23,685	-1,624	8,72E-25
HSPB8	ENSG00000152137.6	34,49	108,394	-1,624	2,04E-19
STX16	ENSG00000124222.21	16,919	54,179	-1,623	7,12E-41
SEMA6D	ENSG00000137872.15	0,675	4,15	-1,62	7,86E-64
CTD-3092A11.2	ENSG00000270055.1	2,21	8,87	-1,62	1,25E-48
ADAMTS9	ENSG00000163638.13	3,17	11,82	-1,62	3,91E-35
KLF8	ENSG00000102349.14	0,95	4,99	-1,619	1,10E-72
RP13-104F24.3	ENSG00000265298.1	4,925	17,205	-1,619	6,22E-33
RP11-263K19.4	ENSG00000231064.5	1,295	6,045	-1,618	3,11E-56
DST	ENSG00000151914.17	34,201	107,083	-1,618	1,90E-40
SYNGAP1	ENSG00000197283.12	2,97	11,179	-1,617	1,92E-45
PAPLN	ENSG00000100767.15	3,36	12,37	-1,617	1,17E-39
ARID5A	ENSG00000196843.15	10,635	34,689	-1,617	1,38E-31
ARHGAP33	ENSG00000004777.18	4,225	15,015	-1,616	3,06E-35
RP11-849I19.1	ENSG00000263146.2	2,58	9,97	-1,616	7,05E-16
NAV2	ENSG00000166833.19	1,305	6,055	-1,614	1,50E-48
HERC2P9	ENSG00000206149.10	10,545	34,347	-1,614	9,77E-24
CNTFR	ENSG00000122756.14	0,95	4,964	-1,613	1,17E-55
HIC1	ENSG00000177374.12	2,74	10,444	-1,613	7,55E-46
SLC47A1	ENSG00000142494.13	1,045	5,25	-1,612	4,05E-66
ENO2	ENSG00000111674.8	7,49	24,96	-1,612	1,14E-59
EYA4	ENSG00000112319.17	0,85	4,655	-1,612	5,36E-54
RP11-155O18.6	ENSG00000272100.1	0,34	3,095	-1,612	1,67E-52
KRT4	ENSG00000170477.12	0,76	4,375	-1,611	4,46E-23
TGFB1I1	ENSG00000140682.18	26,23	82,104	-1,61	1,61E-32
CTC-529I10.1	ENSG00000275413.1	1,225	5,79	-1,61	3,93E-29
CTD-2020K17.1	ENSG00000267121.5	0,49	3,545	-1,609	7,02E-51
TRIM22	ENSG00000132274.15	13,605	43,554	-1,609	1,57E-29
MYOT	ENSG00000120729.9	0,7	4,185	-1,609	1,27E-22

RASSF4	ENSG00000107551.20	3,965	14,1	-1,605	9,34E-52
GFPT2	ENSG00000131459.12	2,735	10,355	-1,604	8,59E-46
AKR1C1	ENSG00000187134.12	3,43	12,465	-1,604	8,85E-30
PLEKHG5	ENSG00000171680.20	2,475	9,555	-1,603	2,53E-65
SYDE1	ENSG00000105137.12	4,265	14,994	-1,603	9,23E-50
C16orf74	ENSG00000154102.10	2,21	8,75	-1,603	3,59E-42
PCOLCE2	ENSG00000163710.7	7,135	23,695	-1,602	2,41E-18
ID3	ENSG00000117318.8	51,283	157,64	-1,601	5,80E-35
RP3-525N10.2	ENSG00000230910.2	0,08	2,275	-1,6	7,14E-68
RP11-1055B8.4	ENSG00000262877.4	1,94	7,91	-1,6	1,19E-35
ANO9	ENSG00000185101.12	2,92	10,882	-1,6	5,56E-31
NPPA-AS1	ENSG00000242349.5	1,415	6,315	-1,599	6,94E-26
PDGFRA	ENSG00000134853.11	2,81	10,544	-1,599	2,11E-23
MAMLD1	ENSG0000013619.13	1,005	5,055	-1,595	1,27E-65
TMEM200B	ENSG00000253304.1	5,715	19,289	-1,595	8,53E-41
SBSPON	ENSG00000164764.10	1,28	5,885	-1,594	1,37E-41
NPHP3	ENSG00000113971.18	5,85	19,685	-1,594	2,36E-39
FGF17	ENSG00000158815.10	0,225	2,694	-1,593	4,35E-52
LMOD1	ENSG00000163431.12	41,648	127,68	-1,593	2,10E-21
N4BP2L2-IT2	ENSG00000281026.1	0,28	2,86	-1,592	2,34E-64
CLEC2D	ENSG00000069493.14	2,195	8,63	-1,592	1,39E-45
ISL1	ENSG00000016082.14	2,585	9,81	-1,592	7,15E-44
LINC01002	ENSG00000282508.1	18,135	56,681	-1,592	2,53E-20
URAHF	ENSG00000222019.7	0,91	4,75	-1,59	7,19E-72
PMP22	ENSG00000109099.13	17,945	55,979	-1,589	1,93E-38
DAAM2	ENSG00000146122.16	3,23	11,725	-1,589	2,46E-37
PLCD4	ENSG00000115556.13	0,99	4,983	-1,588	3,85E-59
TPCN1	ENSG00000186815.12	10,94	34,905	-1,588	4,27E-52
RP11-1277A3.2	ENSG00000246596.6	1,12	5,375	-1,588	7,00E-51
KLF3-AS1	ENSG00000231160.9	2,645	9,945	-1,586	4,70E-41
COX7CP1	ENSG00000235957.1	0,475	3,429	-1,586	2,77E-23
MYH3	ENSG00000109063.14	1,3	5,905	-1,586	1,25E-17
DEFB1	ENSG00000164825.3	6,7	22,119	-1,586	3,98E-17
RP11-148K1.12	ENSG00000244151.1	0,665	3,995	-1,585	4,27E-52
RP11-309L24.6	ENSG00000224163.4	0,45	3,35	-1,585	1,43E-11
RP11-6O2.3	ENSG00000261616.1	0,575	3,715	-1,582	1,52E-58
SLC12A4	ENSG00000124067.16	16,475	51,33	-1,582	3,19E-48
COL9A1	ENSG00000112280.15	0,7	4,09	-1,582	2,81E-17
RARG	ENSG00000172819.16	7,485	24,39	-1,581	7,59E-50
C8orf88	ENSG00000253250.2	2,7	10,07	-1,581	2,90E-40
BZRAP1	ENSG00000005379.15	16,425	51,087	-1,58	1,96E-41
AP000473.5	ENSG00000228798.1	1,08	5,22	-1,58	7,19E-37
CTD-2595P9.4	ENSG00000275155.1	0,225	2,66	-1,579	3,44E-74
RIN1	ENSG00000174791.10	2,41	9,19	-1,579	4,65E-56
RP11-1212A22.4	ENSG00000233024.7	59,929	180,931	-1,578	4,09E-34
TDRD10	ENSG00000163239.12	0,35	3,027	-1,577	3,34E-67

FAM156B	ENSG00000179304.16	7,75	25,1	-1,577	9,63E-62
DZIP1	ENSG00000134874.17	2,915	10,68	-1,577	8,92E-58
DES	ENSG00000175084.11	610,267	1822,937	-1,577	2,89E-18
ACADVL	ENSG00000072778.19	270,671	809,029	-1,576	7,73E-51
CRYGS	ENSG00000213139.7	1	4,964	-1,576	1,95E-47
RP11-488L18.4	ENSG00000227671.4	7,58	24,585	-1,576	1,57E-23
LYNX1	ENSG00000180155.18	5,85	19,404	-1,575	1,95E-49
SGCA	ENSG00000108823.15	7,87	25,42	-1,575	2,97E-31
SFRP5	ENSG00000120057.4	0,18	2,514	-1,574	3,75E-44
RP3-368A4.6	ENSG00000271533.1	1,045	5,09	-1,574	4,28E-37
MRGPRF	ENSG00000172935.8	12,615	39,545	-1,574	1,78E-27
C5orf45	ENSG00000161010.14	14,645	45,55	-1,573	4,01E-68
MAPKBP1	ENSG00000137802.13	3,595	12,67	-1,573	4,56E-51
ABCA8	ENSG00000141338.13	2,655	9,877	-1,573	3,88E-24
MSANTD2	ENSG00000120458.9	3,315	11,825	-1,572	2,89E-51
SOX10	ENSG00000100146.16	0,28	2,8	-1,57	4,05E-44
PLIN4	ENSG00000167676.4	3,36	11,934	-1,569	1,93E-37
AP000892.6	ENSG00000280143.1	15,13	46,859	-1,569	1,36E-31
FGFR2	ENSG00000066468.20	7,025	22,805	-1,569	5,16E-19
CD40	ENSG00000101017.13	7,8	25,095	-1,568	7,05E-43
AGAP9	ENSG00000204172.11	3,175	11,349	-1,565	6,99E-34
RP11-260M2.1	ENSG00000272807.1	0,925	4,689	-1,563	2,48E-51
RP11-1376P16.2	ENSG00000265678.1	0,63	3,815	-1,563	2,44E-50
MST1L	ENSG00000186715.10	0,62	3,785	-1,563	1,21E-49
IL11RA	ENSG00000137070.17	10,41	32,682	-1,562	1,07E-56
METTL17	ENSG00000165792.17	23,58	71,543	-1,561	2,56E-56
MPP2	ENSG00000108852.14	1,775	7,175	-1,559	2,13E-53
STK36	ENSG00000163482.11	15,41	47,356	-1,559	1,63E-23
FES	ENSG00000182511.11	7,11	22,885	-1,558	5,03E-56
GAS6	ENSG00000183087.14	43,484	129,808	-1,556	4,89E-56
SYNM	ENSG00000182253.14	40,414	120,78	-1,556	3,50E-14
RP5-855D21.1	ENSG00000272240.1	1,05	5,02	-1,554	5,74E-37
ATAD3B	ENSG00000160072.19	8,55	27,04	-1,554	1,21E-35
JPH2	ENSG00000149596.6	5,565	18,27	-1,554	9,59E-25
GOLGA6L4	ENSG00000184206.11	1,145	5,29	-1,552	4,26E-48
S100A6	ENSG00000197956.9	257,512	755,872	-1,55	3,94E-38
RRN3P2	ENSG00000103472.9	0,42	3,155	-1,549	2,88E-78
CDK18	ENSG00000117266.15	4,255	14,375	-1,549	7,42E-55
RP11-44F21.5	ENSG00000260265.1	2,005	7,795	-1,549	2,25E-13
HOTAIRM1_5	ENSG00000277694.1	0,165	2,409	-1,549	1,37E-02
SDHAP1	ENSG00000185485.14	10,86	33,688	-1,548	6,50E-47
S100A16	ENSG00000188643.10	23,095	69,434	-1,548	4,57E-43
EFHD1	ENSG00000115468.11	6,52	20,985	-1,548	6,74E-26
RP11-755F10.3	ENSG00000254461.1	0,33	2,885	-1,547	1,75E-54
AC093838.4	ENSG00000152117.17	6,085	19,7	-1,547	1,45E-45
RP1-244F24.1	ENSG00000271857.1	0,22	2,555	-1,543	2,84E-61

RP11-677O4.6	ENSG00000267143.1	0	1,914	-1,543	1,04E-42
AKR1C2	ENSG00000151632.16	1,71	6,899	-1,543	1,32E-30
TGM4	ENSG00000163810.11	2,655	9,65	-1,543	2,92E-03
SNHG12	ENSG00000197989.13	14,5	44,119	-1,541	1,03E-38
HSPB7	ENSG00000173641.17	7,85	24,759	-1,541	5,40E-18
RP11-159D12.5	ENSG00000266086.1	1,95	7,56	-1,537	6,64E-36
RP11-958N24.1	ENSG00000183458.13	4,06	13,68	-1,537	5,97E-17
KIAA1755	ENSG00000149633.11	2,11	8,004	-1,534	1,81E-45
FLRT2	ENSG00000185070.10	1,64	6,64	-1,533	4,21E-29
RP11-23P13.6	ENSG00000174171.5	0,24	2,585	-1,532	2,83E-54
S100A4	ENSG00000196154.11	54,734	160,124	-1,532	7,27E-29
RP13-104F24.1	ENSG00000266820.1	2,81	10,019	-1,532	3,25E-25
NLGN2	ENSG00000169992.9	7,59	23,819	-1,531	3,73E-49
LPCAT4	ENSG00000176454.13	8,365	26,034	-1,529	9,35E-61
PLXNA2	ENSG00000076356.6	2,26	8,405	-1,529	1,13E-56
PRKY	ENSG00000099725.14	1,06	4,945	-1,529	1,34E-51
UBE2Q2P1	ENSG00000189136.8	1,295	5,62	-1,528	1,39E-39
ATAD3C	ENSG00000215915.9	1,8	7,065	-1,526	2,59E-52
RP11-927P21.5	ENSG00000263647.1	2,035	7,74	-1,526	6,84E-23
GDPD3	ENSG00000102886.14	1,525	6,269	-1,525	4,57E-57
AC093110.3	ENSG00000238018.2	0,36	2,915	-1,525	2,04E-46
DDIT4	ENSG00000168209.4	49,69	144,802	-1,524	1,02E-27
HAAO	ENSG00000162882.14	5,5	17,674	-1,523	3,43E-38
ADAMTS9-AS2	ENSG00000241684.5	0,64	3,71	-1,522	5,14E-68
RP11-379F4.4	ENSG00000240207.6	1,17	5,23	-1,522	9,54E-65
THBS3	ENSG00000169231.13	11,535	34,969	-1,521	1,20E-40
OSR1	ENSG00000143867.6	2,73	9,695	-1,52	1,32E-33
RP11-379F4.8	ENSG00000271778.1	0,39	2,985	-1,519	5,88E-65
C2orf40	ENSG00000119147.9	15,555	46,449	-1,519	1,58E-20
SLC14A1	ENSG00000141469.16	11,335	34,353	-1,519	2,69E-07
CLIP3	ENSG00000105270.14	7,285	22,73	-1,518	1,02E-34
ROR2	ENSG00000169071.14	5,085	16,429	-1,518	6,08E-28
ANKDD1A	ENSG00000166839.16	1,56	6,32	-1,516	7,18E-62
COL18A1	ENSG00000182871.14	28,406	83,074	-1,516	1,93E-43
SGK494	ENSG00000167524.14	1,62	6,495	-1,516	3,06E-26
CEBPD	ENSG00000221869.4	31,22	91,145	-1,516	4,17E-22
SOX18	ENSG00000203883.6	3,295	11,275	-1,515	2,17E-26
COLCA2	ENSG00000214290.7	2,38	8,655	-1,514	4,07E-81
COL13A1	ENSG00000197467.13	2,04	7,681	-1,514	3,85E-45
PLA2G6	ENSG00000184381.18	18,371	54,336	-1,514	8,47E-34
STAC	ENSG00000144681.10	1,23	5,37	-1,514	2,78E-22
RP11-166B2.1	ENSG00000234719.8	2,71	9,585	-1,513	4,00E-27
CYTL1	ENSG00000170891.10	1,81	7,015	-1,512	1,71E-30
IRAK3	ENSG00000090376.8	0,81	4,16	-1,511	1,92E-60
ACVRL1	ENSG00000139567.12	4,725	15,32	-1,511	2,12E-44
A1BG	ENSG00000121410.11	5,04	16,2	-1,51	8,41E-30

GNAO1	ENSG00000087258.13	1,9	7,255	-1,509	1,09E-40
UBXN10-AS1	ENSG00000225986.1	1,52	6,17	-1,509	1,04E-26
ID4	ENSG00000172201.10	7,045	21,9	-1,509	1,93E-25
ZNF300P1	ENSG00000197083.11	0,665	3,735	-1,508	3,04E-53
DOC2A	ENSG00000149927.17	0,65	3,694	-1,508	7,43E-36
GATA3	ENSG00000107485.15	2,775	9,73	-1,507	1,05E-24
GOS2	ENSG00000123689.5	5,065	16,225	-1,506	3,80E-50
AC005104.3	ENSG00000223374.1	0,5	3,26	-1,506	6,98E-46
RBMS3	ENSG00000144642.20	1,64	6,495	-1,505	5,88E-59
EBF4	ENSG00000088881.20	19,335	56,712	-1,505	4,01E-43
RP11-384K6.2	ENSG00000225892.3	3,125	10,7	-1,504	6,17E-45
AC007326.1	ENSG00000279560.1	0,86	4,275	-1,504	1,75E-31
FGF7	ENSG00000140285.9	3,195	10,89	-1,503	3,94E-27
ASB2	ENSG00000100628.11	4,965	15,897	-1,502	1,05E-24
LAMA4	ENSG00000112769.18	8,625	26,235	-1,501	1,65E-36
CCNL1	ENSG00000163660.11	38,264	110,094	-1,501	1,50E-28
ELN	ENSG00000049540.16	26,644	77,208	-1,5	2,51E-20
CACHD1	ENSG00000158966.13	2,075	7,69	-1,499	1,05E-44
SCN7A	ENSG00000136546.13	1,39	5,755	-1,499	1,70E-32
ADRA2C	ENSG00000184160.7	2,905	10,04	-1,499	1,54E-29
EDNRB	ENSG00000136160.14	3,29	11,125	-1,499	4,16E-22
LURAP1	ENSG00000171357.5	0,905	4,38	-1,498	1,89E-67
GOLGA8N	ENSG00000232653.8	2,135	7,855	-1,498	1,01E-45
RP11-12A20.4	ENSG00000278134.1	0,53	3,32	-1,497	5,43E-42
MYL9	ENSG00000101335.9	632,709	1787,713	-1,497	5,11E-21
DLK2	ENSG00000171462.14	4,41	14,265	-1,497	2,97E-13
MAFK	ENSG00000198517.9	18,235	53,245	-1,496	1,39E-34
BRSK1	ENSG00000160469.16	2,5	8,875	-1,496	7,26E-26
CHRD	ENSG00000090539.15	3,665	12,155	-1,496	5,27E-12
NKD2	ENSG00000145506.13	1,845	7,02	-1,495	4,91E-52
MC1R	ENSG00000258839.2	2,22	8,075	-1,495	5,77E-32
CACNA1C	ENSG00000151067.20	3,2	10,834	-1,495	6,81E-32
ABCA10	ENSG00000154263.17	0,45	3,085	-1,494	1,22E-62
SLC38A5	ENSG00000017483.14	2,3	8,295	-1,494	2,01E-47
AATK	ENSG00000181409.11	1,18	5,14	-1,494	1,67E-33
CORO2B	ENSG00000103647.12	0,59	3,475	-1,493	3,44E-77
MAMDC2	ENSG00000165072.9	1,25	5,335	-1,493	8,86E-41
ADAMTS1	ENSG00000154734.14	16,05	46,985	-1,493	3,63E-16
RP11-582J16.5	ENSG00000253200.1	0,71	3,809	-1,492	1,57E-62
DPYS	ENSG00000147647.12	0,9	4,34	-1,491	3,21E-06
SPON1	ENSG00000262655.3	3,785	12,438	-1,49	1,05E-21
CLIP4	ENSG00000115295.19	4,84	15,39	-1,489	4,96E-42
CLIC6	ENSG00000159212.12	2,37	8,46	-1,489	1,99E-38
DKK3	ENSG00000050165.17	33,555	95,955	-1,488	7,75E-27
LINC-PINT	ENSG00000231721.6	6,065	18,809	-1,487	8,12E-55
CTB-60B18.18	ENSG00000268287.1	0,32	2,7	-1,487	4,29E-39

ARNTL	ENSG00000133794.17	2,93	10,01	-1,486	5,23E-45
SLC6A16	ENSG00000063127.15	0,72	3,815	-1,485	1,07E-68
SCML1	ENSG00000047634.14	3,48	11,54	-1,485	1,71E-41
MAPK15	ENSG00000181085.14	1,07	4,794	-1,485	3,19E-29
FAM156A	ENSG00000268350.7	6,875	21,03	-1,484	3,60E-40
ANKZF1	ENSG00000163516.13	25,34	72,654	-1,484	1,28E-29
MCAM	ENSG00000076706.14	24,87	71,275	-1,482	6,16E-27
TPT1-AS1	ENSG00000170919.15	9,365	27,932	-1,481	2,44E-56
CEP164	ENSG00000110274.14	6,01	18,565	-1,481	3,87E-45
CGB7	ENSG00000196337.10	0,19	2,32	-1,48	1,58E-64
ZNF337	ENSG00000130684.13	7,85	23,685	-1,48	7,49E-50
CSF3R	ENSG00000119535.17	1,765	6,715	-1,48	1,04E-40
CSPG4	ENSG00000173546.7	2,93	9,955	-1,479	4,28E-28
ZEB2	ENSG00000169554.16	4,23	13,579	-1,479	7,90E-28
DUSP15	ENSG00000149599.15	1,3	5,405	-1,478	8,28E-50
CTC-251116.1	ENSG00000279496.1	1,49	5,935	-1,478	1,03E-47
SAPCD1	ENSG00000228727.8	2,285	8,15	-1,478	4,90E-28
ANXA8	ENSG00000265190.6	2,155	7,784	-1,477	2,64E-25
TPM2	ENSG00000198467.13	425,126	1185,433	-1,477	9,48E-24
RPL23AP1	ENSG00000239257.1	1,625	6,3	-1,476	3,34E-47
BOC	ENSG00000144857.14	12,94	37,791	-1,476	2,38E-30
PLK2	ENSG00000145632.14	7,82	23,516	-1,475	9,88E-37
AHNAK2	ENSG00000185567.6	4,585	14,525	-1,475	7,78E-22
EFNB1	ENSG00000090776.5	5,95	18,305	-1,474	1,31E-61
EMP3	ENSG00000142227.10	19,1	54,82	-1,474	1,39E-44
RUFY3	ENSG00000018189.12	13,425	39,065	-1,474	1,46E-44
TIAF1	ENSG00000221995.5	0,27	2,525	-1,473	3,86E-65
PPP4R1L	ENSG00000124224.16	1,08	4,775	-1,473	2,14E-64
GLIS2	ENSG00000126603.8	5,01	15,674	-1,472	9,33E-47
RP4-622L5.7	ENSG00000224066.1	0,4	2,884	-1,472	1,48E-41
NEURL1B	ENSG00000214357.8	5,205	16,215	-1,472	9,98E-41
SLC2A4	ENSG00000181856.14	2,575	8,92	-1,472	3,32E-20
FEZ1	ENSG00000149557.12	5,765	17,749	-1,471	3,87E-50
HSPG2	ENSG00000142798.16	37,575	105,924	-1,471	3,74E-28
ATOH8	ENSG00000168874.12	9,31	27,555	-1,47	8,48E-32
FAM92A1	ENSG00000188343.12	5,21	16,195	-1,469	8,37E-61
SYNPO2	ENSG00000172403.10	33,095	93,412	-1,469	9,03E-13
FAM46B	ENSG00000158246.7	2,905	9,8	-1,468	3,14E-22
PHC1	ENSG00000111752.10	11,655	33,975	-1,467	8,12E-37
LTBP4	ENSG00000090006.17	100,193	278,831	-1,467	4,33E-32
CTD-2270P14.1	ENSG00000260565.6	4,14	13,205	-1,467	8,09E-29
CSPG4P12	ENSG00000259295.6	0,59	3,39	-1,465	1,70E-45
HR	ENSG00000168453.14	1,975	7,21	-1,465	5,44E-40
AP000347.4	ENSG00000234353.2	0,89	4,21	-1,463	3,72E-39
TRPC1	ENSG00000144935.14	1,33	5,415	-1,461	2,82E-55
AC074289.1	ENSG00000225889.7	0,725	3,75	-1,461	6,42E-35

CLDN5	ENSG00000184113.9	10,395	30,37	-1,461	5,87E-30
RP11-629O1.2	ENSG00000261220.2	0,49	3,1	-1,46	2,21E-51
MMP25-AS1	ENSG00000261971.6	4,565	14,315	-1,46	5,19E-32
GATA5	ENSG00000130700.6	0,56	3,29	-1,459	3,41E-41
C1RL-AS1	ENSG00000205885.7	0,92	4,275	-1,458	8,16E-43
RP5-1074L1.4	ENSG00000273373.1	1,39	5,564	-1,458	5,61E-36
ZNF662	ENSG00000182983.14	2,655	9,045	-1,458	1,61E-28
PPP1R1A	ENSG00000135447.16	1,865	6,873	-1,458	1,26E-21
LPIN1	ENSG00000134324.11	4,585	14,319	-1,456	1,23E-49
AASS	ENSG00000008311.14	4,825	14,975	-1,456	1,25E-23
NTRK1	ENSG00000198400.11	0,28	2,509	-1,455	4,04E-67
RP11-34P13.15	ENSG00000268903.1	9,28	27,18	-1,455	1,11E-23
RP11-889L3.1	ENSG00000218227.3	4,34	13,635	-1,454	1,05E-34
ADAMTS4	ENSG00000158859.9	1,055	4,63	-1,454	1,07E-14
RP11-304L19.3	ENSG00000261123.1	0,28	2,505	-1,453	1,10E-64
CEL	ENSG00000170835.13	0,54	3,215	-1,453	1,67E-40
SLX1B	ENSG00000181625.17	2,01	7,225	-1,45	7,57E-40
SH3PXD2A	ENSG00000107957.16	4,705	14,585	-1,45	1,43E-38
CA4	ENSG00000167434.9	1,17	4,93	-1,45	1,31E-28
CRISPLD2	ENSG00000103196.11	27,949	78,118	-1,45	5,33E-21
NRG2	ENSG00000158458.19	0,785	3,875	-1,449	1,94E-53
ST6GALNAC4	ENSG00000136840.18	4,61	14,295	-1,447	1,03E-59
RGL3	ENSG00000205517.12	4,895	15,07	-1,447	5,58E-30
RP11-5A19.5	ENSG00000265690.7	3,3	10,715	-1,446	1,69E-18
SMIM5	ENSG00000204323.5	0,57	3,275	-1,445	1,21E-74
MLXIPL	ENSG00000009950.15	0,565	3,26	-1,445	1,43E-49
AC005253.2	ENSG00000268030.1	0,71	3,654	-1,445	5,34E-47
RP11-732A19.5	ENSG00000255390.1	5,26	16,045	-1,445	4,56E-27
DGKA	ENSG00000065357.19	17,285	48,745	-1,444	7,01E-30
RAB34	ENSG00000109113.17	35,395	97,947	-1,443	6,89E-44
RP11-72I8.1	ENSG00000260735.1	0,57	3,27	-1,443	1,83E-43
POM121L9P	ENSG00000128262.8	0,13	2,07	-1,442	4,83E-62
RND3	ENSG00000115963.13	9,875	28,556	-1,442	3,30E-26
SERP2	ENSG00000151778.10	3,075	10,065	-1,441	6,71E-41
RPRM	ENSG00000177519.3	2,26	7,85	-1,441	2,36E-40
ANKRD13D	ENSG00000172932.14	21,37	59,703	-1,44	7,30E-50
RP11-188P20.3	ENSG00000271941.1	0,63	3,42	-1,439	7,99E-49
MARVELD1	ENSG00000155254.12	15,075	42,585	-1,439	3,10E-39
RP4-717I23.3	ENSG00000223745.7	8,52	24,805	-1,439	3,39E-28
COL17A1	ENSG00000065618.16	4,65	14,32	-1,439	3,42E-15
LA16c-390E6.4	ENSG00000260051.1	0,29	2,495	-1,438	1,49E-45
NFKBID	ENSG00000167604.13	2,395	8,19	-1,437	6,17E-45
PLCG1	ENSG00000124181.14	29,364	81,156	-1,436	1,92E-26
EME2	ENSG00000197774.12	6,095	18,195	-1,436	3,22E-24
SLCO4A1	ENSG00000101187.15	1,245	5,07	-1,435	1,33E-40
KANK2	ENSG00000197256.10	44,635	122,36	-1,435	6,79E-28

PKDCC	ENSG00000162878.12	11,825	33,675	-1,435	3,91E-23
RP1-261G23.7	ENSG00000272114.1	32,369	89,21	-1,435	2,48E-02
PACERR	ENSG00000273129.1	0,16	2,135	-1,434	1,62E-74
GRIK5	ENSG00000105737.9	2,005	7,12	-1,434	1,46E-56
CCDC82	ENSG00000149231.11	4,835	14,765	-1,434	7,88E-46
DBNDD2	ENSG00000244274.7	20,535	57,199	-1,434	6,61E-44
CTB-31O20.4	ENSG00000267244.5	0,38	2,725	-1,433	4,11E-53
CPNE5	ENSG00000124772.11	0,8	3,86	-1,433	4,31E-49
CTA-228A9.3	ENSG00000272720.1	1,78	6,505	-1,433	2,03E-21
AC159540.1	ENSG00000230606.10	11,335	32,309	-1,433	6,39E-14
AVIL	ENSG00000135407.10	1,29	5,179	-1,432	1,13E-45
NPIP11	ENSG00000254206.5	0,32	2,56	-1,431	7,51E-59
COL4A5	ENSG00000188153.12	11,945	33,894	-1,431	2,10E-37
RIPK3	ENSG00000129465.15	1,08	4,6	-1,429	1,50E-59
OXER1	ENSG00000162881.6	0,925	4,185	-1,429	4,94E-59
CYGB	ENSG00000161544.9	6,945	20,395	-1,429	7,55E-37
ECM1	ENSG00000143369.14	4,74	14,455	-1,429	1,81E-29
KRT7	ENSG00000135480.14	23,985	66,258	-1,429	2,01E-13
AFAP1L2	ENSG00000169129.14	4,52	13,85	-1,428	7,48E-38
DTX3	ENSG00000178498.15	26,07	71,781	-1,427	1,13E-40
NISCH	ENSG0000010322.15	45,749	124,663	-1,427	1,63E-40
DNAH1	ENSG00000114841.17	2,105	7,349	-1,427	5,45E-32
WFDC1	ENSG00000103175.10	21,225	58,759	-1,427	8,64E-22
LY6D	ENSG00000167656.4	0,39	2,735	-1,426	5,74E-24
UNC13D	ENSG00000092929.11	2,115	7,365	-1,425	1,52E-48
DENND2A	ENSG00000146966.12	2,425	8,195	-1,425	2,10E-43
RN7SL608P	ENSG00000239884.3	0,555	3,175	-1,425	9,43E-40
CMYA5	ENSG00000164309.14	1,63	6,06	-1,425	1,65E-31
CNTNAP1	ENSG00000108797.11	1,805	6,525	-1,424	1,36E-38
RMST	ENSG00000255794.6	3,9	12,148	-1,424	8,43E-23
LINC01573	ENSG00000237886.1	1,12	4,685	-1,423	1,23E-59
PRPF3	ENSG00000117360.12	21,235	58,63	-1,423	1,20E-41
SLC22A17	ENSG00000092096.14	25,065	68,843	-1,422	4,18E-35
POPDC2	ENSG00000121577.13	7,95	22,983	-1,422	3,14E-28
PDE1B	ENSG00000123360.11	0,61	3,31	-1,421	5,77E-60
INPP1	ENSG00000151689.12	6,315	18,59	-1,421	4,57E-44
VWA5A	ENSG00000110002.15	5,655	16,82	-1,421	4,60E-37
VIPR2	ENSG00000106018.13	2,04	7,14	-1,421	4,88E-28
SLC25A25-AS1	ENSG00000234771.3	0,81	3,845	-1,42	4,28E-43
INPP5D	ENSG00000168918.13	3,725	11,64	-1,42	1,00E-40
PRSS53	ENSG00000151006.7	0,44	2,85	-1,419	9,38E-31
TMEM100	ENSG00000166292.11	1,87	6,673	-1,419	9,61E-29
COL21A1	ENSG00000124749.16	1,115	4,65	-1,418	3,01E-56
TMEM240	ENSG00000205090.8	2,21	7,58	-1,418	1,17E-51
DAPL1	ENSG00000163331.10	0,88	4,02	-1,417	3,77E-11
GRK5	ENSG00000198873.11	3,83	11,885	-1,416	8,05E-38

C1S	ENSG00000182326.14	68,835	185,367	-1,416	7,01E-18
TTC21A	ENSG00000168026.16	2,775	9,068	-1,415	1,19E-39
AC011558.5	ENSG00000279753.1	22,77	62,407	-1,415	4,24E-24
LINC01001	ENSG00000230724.9	9,39	26,702	-1,415	1,77E-23
MYH11	ENSG00000133392.16	415,138	1108,428	-1,415	2,42E-08
SLFN11	ENSG00000172716.16	2,65	8,725	-1,414	5,02E-30
FAM65B	ENSG00000111913.15	1,535	5,755	-1,414	2,30E-15
PRICKLE4	ENSG00000124593.14	6,175	18,104	-1,413	2,66E-38
CHRD1	ENSG00000101938.14	17,19	47,454	-1,413	2,88E-12
HSPB2	ENSG00000170276.5	1,77	6,365	-1,411	1,14E-43
NEIL1	ENSG00000140398.13	19,495	53,519	-1,411	4,01E-26
RP11-264B17.3	ENSG00000261067.6	0,3	2,455	-1,41	3,40E-59
LINC01503	ENSG00000233901.5	3,91	12,05	-1,41	6,69E-37
SRPX	ENSG00000101955.14	4,61	13,895	-1,409	2,71E-27
TRIP6	ENSG00000087077.11	22,545	61,496	-1,408	2,73E-53
RP11-63M22.2	ENSG00000260465.1	5,005	14,939	-1,408	1,04E-12
RP11-356J5.12	ENSG00000250303.3	1,16	4,725	-1,406	5,23E-47
RP5-890O3.9	ENSG00000240731.1	3,875	11,92	-1,406	3,21E-41
RP11-203M5.7	ENSG00000258515.1	0,39	2,68	-1,405	7,22E-41
AGAP5	ENSG00000172650.12	1,97	6,865	-1,405	3,41E-37
IL17RE	ENSG00000163701.18	3,255	10,27	-1,405	1,22E-21
ACTG2	ENSG00000163017.13	644,371	1707,89	-1,405	1,23E-11
TUBGCP6	ENSG00000128159.11	16,66	45,708	-1,403	9,12E-43
NOTCH1	ENSG00000148400.9	4,92	14,654	-1,403	1,51E-32
ITGA10	ENSG00000143127.12	0,415	2,74	-1,402	3,29E-45
RP11-130L8.1	ENSG00000270100.1	1,905	6,665	-1,4	2,04E-39
LINC00115	ENSG00000225880.5	2,05	7,05	-1,4	7,18E-24
RP11-395B7.2	ENSG00000274993.1	2,355	7,855	-1,4	9,62E-10
LLOXNC01-7P3.1	ENSG00000270012.1	0,87	3,93	-1,399	1,56E-39
RP11-644F5.10	ENSG00000258311.5	0,715	3,52	-1,398	6,62E-59
TMEM86B	ENSG00000180089.5	2	6,905	-1,398	4,90E-56
DZIP1L	ENSG00000158163.14	1,025	4,335	-1,398	9,96E-48
CNRIP1	ENSG00000119865.8	4,955	14,69	-1,398	1,98E-43
RNF139-AS1	ENSG00000245149.3	1,06	4,43	-1,398	2,46E-33
RP11-274B21.4	ENSG00000230715.3	7,835	22,28	-1,398	6,75E-28
SUZ12P1	ENSG00000264538.6	7,59	21,62	-1,397	2,77E-51
HDC	ENSG00000140287.10	0,5	2,949	-1,397	5,93E-47
RBM5	ENSG00000003756.16	66,121	175,806	-1,397	3,53E-35
CCDC136	ENSG00000128596.16	5,71	16,669	-1,397	1,69E-29
FAT2	ENSG00000086570.12	0,58	3,16	-1,397	7,32E-28
SLC2A9	ENSG00000109667.11	2,215	7,46	-1,396	1,09E-45
GOLGA2P5	ENSG00000238105.7	3,53	10,922	-1,396	1,41E-37
RP11-572O17.1	ENSG00000270195.1	1,15	4,66	-1,396	4,14E-34
TNRC6A	ENSG00000090905.17	8,84	24,89	-1,396	2,65E-29
RP11-274B21.2	ENSG00000243302.3	6,675	19,202	-1,396	5,27E-22
NEURL4	ENSG00000215041.9	11,525	31,949	-1,395	2,60E-41

TNNT3	ENSG00000130595.16	0,27	2,34	-1,395	4,73E-18
AC002116.8	ENSG00000248101.2	0,48	2,89	-1,394	3,24E-41
LINC00265	ENSG00000188185.11	1,69	6,06	-1,392	9,96E-36
EPHA2	ENSG00000142627.12	2,64	8,555	-1,392	1,92E-33
MMP19	ENSG00000123342.15	1,545	5,68	-1,392	3,62E-27
VEGFA	ENSG00000112715.20	67,144	177,816	-1,392	1,54E-08
PITPNM2	ENSG00000090975.12	1,46	5,445	-1,39	7,36E-58
NDUFA4L2	ENSG00000185633.10	5,92	17,13	-1,39	3,05E-22
CH17-258A22.4	ENSG00000274615.1	2,685	8,66	-1,39	2,03E-21
CTD-2527I21.14	ENSG00000271032.1	0,315	2,445	-1,389	7,94E-48
ACKR3	ENSG00000144476.5	4,255	12,765	-1,389	2,88E-26
NFKBIZ	ENSG00000144802.11	5,945	17,195	-1,389	8,83E-12
RP11-394B2.1	ENSG00000279569.1	0,165	2,05	-1,388	5,75E-71
KIAA0907	ENSG00000132680.10	16,02	43,546	-1,388	4,34E-27
EFEMP1	ENSG00000115380.18	18,995	51,337	-1,388	5,20E-21
PYGM	ENSG00000068976.13	3,84	11,665	-1,388	4,14E-20
B4GALNT1	ENSG00000135454.13	1,05	4,36	-1,387	2,61E-46
AKAP17A	ENSG00000197976.10	20,14	54,294	-1,387	1,46E-39
EHD2	ENSG00000024422.11	20,336	54,786	-1,387	1,08E-30
PHF11	ENSG00000136147.16	17,99	48,584	-1,385	1,85E-57
PDE4A	ENSG00000065989.15	2,49	8,115	-1,385	6,33E-38
FLNC	ENSG00000128591.15	22,305	59,885	-1,385	7,78E-10
SULT1A3	ENSG00000261052.5	8,175	22,949	-1,384	7,77E-47
RP11-34P13.16	ENSG00000269981.1	4,14	12,409	-1,383	5,90E-13
RP13-516M14.1	ENSG00000260563.3	5,94	17,075	-1,381	1,65E-46
GAS7	ENSG00000007237.18	1,885	6,515	-1,381	2,49E-34
NPIPA3	ENSG00000224712.10	3,06	9,575	-1,381	4,68E-33
TRHDE-AS1	ENSG00000236333.3	0,23	2,2	-1,379	1,51E-63
NPEPL1	ENSG00000215440.11	18,335	49,275	-1,379	2,48E-45
LINC00926	ENSG00000247982.6	0,73	3,495	-1,378	1,28E-40
CAV2	ENSG00000105971.14	9,26	25,67	-1,378	1,61E-29
IGFBP5	ENSG00000115461.4	76,341	200,081	-1,378	5,83E-12
RPL29P19	ENSG00000224594.2	0,38	2,585	-1,377	3,71E-78
MINK1	ENSG00000141503.15	24,256	64,574	-1,377	6,56E-37
FAM162B	ENSG00000183807.7	1,19	4,685	-1,376	8,94E-54
BCO2	ENSG00000197580.11	0,73	3,485	-1,374	3,90E-69
LTBP3	ENSG00000168056.14	54,875	143,817	-1,374	4,24E-49
GSTM4	ENSG00000168765.15	14,325	38,724	-1,374	4,46E-42
RP11-66N24.4	ENSG00000157306.14	3,29	10,12	-1,374	5,26E-22
ADHFE1	ENSG00000147576.15	11,97	32,594	-1,373	2,28E-30
RP11-395G23.3	ENSG00000254615.2	0,54	2,985	-1,372	2,90E-79
KLHL29	ENSG00000119771.14	2,83	8,915	-1,372	1,27E-45
CEP95	ENSG00000258890.6	14,7	39,63	-1,372	4,72E-45
SLC4A11	ENSG00000088836.12	1,43	5,29	-1,372	3,18E-42
PAXBP1	ENSG00000159086.14	8,005	22,309	-1,372	2,73E-31
GPR162	ENSG00000250510.7	1,61	5,75	-1,371	1,44E-38

APOBEC3C	ENSG00000244509.3	7,635	21,34	-1,371	3,31E-24
TUBE1	ENSG00000074935.13	5,12	14,82	-1,37	1,65E-53
CYP2E1	ENSG00000130649.9	1,36	5,1	-1,37	4,69E-46
ARHGEF1	ENSG00000076928.17	32,969	86,801	-1,37	1,07E-36
CLK2	ENSG00000176444.18	24,57	65,091	-1,37	3,38E-33
KLHL17	ENSG00000187961.13	4,335	12,787	-1,37	4,23E-24
CYP2D6	ENSG00000100197.20	0,61	3,16	-1,369	2,03E-46
KIFC2	ENSG00000167702.11	12,26	33,251	-1,369	4,22E-23
PRELP	ENSG00000188783.5	20,579	54,689	-1,368	1,36E-16
ABCA6	ENSG00000154262.12	0,51	2,895	-1,367	6,75E-53
ANGPTL1	ENSG00000116194.12	1,215	4,715	-1,367	4,99E-25
RP11-102G14.1	ENSG00000277050.1	0,3	2,35	-1,366	5,64E-55
MGC32805	ENSG00000250328.5	0,48	2,815	-1,366	1,04E-37
NGFR	ENSG00000064300.8	4,985	14,43	-1,366	1,88E-25
SHE	ENSG00000169291.9	1,54	5,544	-1,365	4,33E-50
BGLAP	ENSG00000242252.1	0,855	3,779	-1,365	6,67E-41
GJB5	ENSG00000189280.3	0,97	4,075	-1,365	9,61E-27
C19orf66	ENSG00000130813.17	14,795	39,594	-1,362	2,36E-58
MKNK1	ENSG00000079277.19	12,365	33,35	-1,362	5,58E-47
CTF1	ENSG00000150281.6	3,92	11,65	-1,362	2,29E-39
LINC00106	ENSG00000236871.6	0,915	3,924	-1,362	5,85E-25
EVA1C	ENSG00000166979.12	22,805	60,143	-1,361	6,55E-46
AC053503.12	ENSG00000280323.1	0,435	2,685	-1,361	2,18E-43
ADGRA2	ENSG00000020181.17	16,41	43,705	-1,361	8,32E-17
SRRM2	ENSG00000167978.16	248,93	640,674	-1,36	1,25E-31
TSHZ3	ENSG00000121297.6	3,565	10,705	-1,358	7,43E-37
CALHM2	ENSG00000138172.10	7,655	21,18	-1,358	1,33E-36
ST3GAL5	ENSG00000115525.16	3,935	11,649	-1,358	2,65E-29
CHST2	ENSG00000175040.5	2,305	7,47	-1,358	3,62E-29
UBAP1L	ENSG00000246922.8	0,94	3,97	-1,357	1,63E-61
PARP3	ENSG00000041880.14	8,28	22,77	-1,357	1,37E-47
AVPI1	ENSG00000119986.6	7,28	20,21	-1,357	1,81E-45
RP11-736N17.10	ENSG00000278071.1	0,09	1,79	-1,356	3,81E-65
DOK4	ENSG00000125170.10	6,125	17,24	-1,356	2,67E-51
RP11-832A4.7	ENSG00000280032.1	0,75	3,48	-1,356	4,26E-40
LMAN1L	ENSG00000140506.16	20,377	53,733	-1,356	4,45E-04
SAMD4A	ENSG00000020577.13	3,555	10,65	-1,355	6,13E-34
CSTA	ENSG00000121552.3	6,795	18,945	-1,355	2,89E-15
PHF19	ENSG00000119403.13	9,01	24,59	-1,354	4,52E-48
SH3PXD2B	ENSG00000174705.11	3,655	10,895	-1,354	4,76E-44
LEAP2	ENSG00000164406.7	1,14	4,471	-1,354	8,90E-40
TMEM198B	ENSG00000182796.12	15,7	41,7	-1,354	7,02E-39
CTC-529I10.2	ENSG00000227782.2	0,975	4,04	-1,352	8,09E-42
MST1	ENSG00000173531.15	8,35	22,868	-1,352	6,09E-31
GPR87	ENSG00000138271.5	1,81	6,175	-1,352	1,79E-22
CA3	ENSG00000164879.6	0,365	2,485	-1,352	3,75E-11

HLA-F-AS1	ENSG00000214922.9	1,06	4,255	-1,351	3,32E-64
RP11-346C20.3	ENSG00000271009.2	0,47	2,75	-1,351	1,40E-62
SP140L	ENSG00000185404.16	3,46	10,375	-1,351	2,94E-43
SLC23A3	ENSG00000213901.10	0,545	2,94	-1,351	7,53E-41
PRICKLE2	ENSG00000163637.11	1,865	6,31	-1,351	3,51E-39
FNBP4	ENSG00000109920.12	23,99	62,743	-1,351	4,28E-27
WDR90	ENSG00000161996.17	14,595	38,769	-1,351	5,29E-23
TMEM147-AS1	ENSG00000236144.6	4,29	12,485	-1,35	2,03E-42
STARD4	ENSG00000164211.12	3,285	9,924	-1,35	4,47E-20
CTD-2537I9.18	ENSG00000276488.1	0,39	2,54	-1,349	4,83E-51
UCHL1	ENSG00000154277.12	6,925	19,19	-1,349	1,01E-18
TBC1D3L	ENSG00000274512.4	6,54	18,21	-1,349	1,84E-10
GTPBP2	ENSG00000172432.18	15,895	42,009	-1,348	5,49E-50
SPRR3	ENSG00000163209.14	0	1,545	-1,348	5,73E-49
AC053503.6	ENSG00000234638.1	0	1,545	-1,348	3,04E-48
TOP3B	ENSG00000100038.19	6,835	18,939	-1,348	6,18E-39
MYOF	ENSG00000138119.16	13,95	37,061	-1,348	8,07E-23
NR2F1	ENSG00000175745.11	17,565	46,261	-1,348	1,47E-17
RP11-500M8.7	ENSG00000272921.1	0	1,545	-1,348	4,05E-03
MFSD7	ENSG00000169026.12	2,565	8,07	-1,347	9,55E-41
LINC01082	ENSG00000269186.1	4,28	12,433	-1,347	8,20E-18
CLDN11	ENSG00000013297.10	4,23	12,299	-1,346	5,11E-32
TNFAIP2	ENSG00000185215.8	26,03	67,704	-1,346	1,50E-20
RP3-406P24.5	ENSG00000279926.1	0,38	2,505	-1,345	3,56E-48
TNXB	ENSG00000168477.17	7,345	20,2	-1,345	6,56E-26
DUX4L50	ENSG00000232815.1	0,53	2,885	-1,344	1,41E-61
ZNF333	ENSG00000160961.11	4,305	12,465	-1,344	1,14E-42
INTU	ENSG00000164066.12	1,93	6,44	-1,344	7,47E-42
ARHGAP4	ENSG00000089820.15	7,115	19,605	-1,344	3,99E-34
CYP4F29P	ENSG00000228314.1	0,3	2,3	-1,344	1,39E-33
LINC01089	ENSG00000212694.8	19,905	52,066	-1,344	4,52E-25
PIANP	ENSG00000139200.13	1	4,075	-1,343	1,58E-38
WDR19	ENSG00000157796.17	10,365	27,808	-1,342	6,90E-48
EMILIN1	ENSG00000138080.13	31,33	80,979	-1,342	4,97E-24
SGIP1	ENSG00000118473.21	1,45	5,21	-1,342	4,61E-22
FAM95C	ENSG00000273036.2	2,61	8,149	-1,342	1,66E-19
TTN-AS1	ENSG00000237298.8	5,905	16,505	-1,342	2,12E-16
COL6A3	ENSG00000163359.15	19,78	51,66	-1,342	8,36E-15
FAM86B3P	ENSG00000173295.7	1,07	4,245	-1,341	3,25E-58
RP11-932O9.9	ENSG00000269930.1	1,73	5,915	-1,341	6,93E-46
LAMB3	ENSG00000196878.12	10,61	28,419	-1,341	6,97E-12
MROH7-TTC4	ENSG00000271723.5	0,09	1,76	-1,34	3,30E-69
HOXD4	ENSG00000170166.5	0,24	2,14	-1,34	1,31E-57
CTD-2036P10.6	ENSG00000274403.1	0,17	1,96	-1,339	9,45E-61
KLRAP1	ENSG00000256667.6	0,745	3,415	-1,339	7,18E-42
AF011889.2	ENSG00000238039.1	0,65	3,174	-1,339	1,99E-33

SRRM3	ENSG00000177679.15	1,14	4,41	-1,338	2,02E-55
TMLHE	ENSG00000185973.10	1,71	5,85	-1,338	7,24E-48
MAP3K8	ENSG00000107968.9	2,44	7,695	-1,338	4,38E-36
RP5-894A10.2	ENSG00000244701.1	2,26	7,244	-1,338	1,19E-31
ETS2	ENSG00000157557.11	23,031	59,732	-1,338	1,14E-22
AKAP12	ENSG00000131016.16	6,78	18,67	-1,338	1,54E-18
PHLDA3	ENSG00000174307.6	21,69	56,32	-1,337	1,58E-46
RP11-894P9.1	ENSG00000246451.2	0,76	3,445	-1,337	5,01E-40
SMIM10	ENSG00000184785.5	3,6	10,62	-1,337	6,55E-40
FLT4	ENSG00000037280.15	1,52	5,365	-1,337	6,73E-37
ANAPC4	ENSG00000053900.10	9,005	24,26	-1,336	1,20E-57
IL1RL1	ENSG00000115602.16	0,21	2,055	-1,336	2,59E-54
GPRC5B	ENSG00000167191.11	6	16,674	-1,336	5,80E-40
ERN2	ENSG00000134398.12	0,4	2,535	-1,336	1,59E-26
TSPAN18	ENSG00000157570.11	4,77	13,565	-1,336	1,46E-24
ETNK2	ENSG00000143845.14	4,915	13,925	-1,335	6,44E-46
ECHDC2	ENSG00000121310.16	113,775	288,504	-1,335	4,08E-41
ATP2B4	ENSG00000058668.14	13,74	36,185	-1,335	6,79E-24
RP11-887P2.5	ENSG00000258274.1	0,69	3,26	-1,334	3,18E-47
FBXL2	ENSG00000153558.13	1,88	6,26	-1,334	2,24E-37
RP5-1142A6.9	ENSG00000260121.1	1,305	4,81	-1,334	4,68E-23
RP11-166N17.1	ENSG00000227253.3	0,29	2,25	-1,333	5,32E-48
CFAP44	ENSG00000206530.8	3,58	10,54	-1,333	2,11E-28
DDX17	ENSG00000100201.18	118,401	299,808	-1,333	1,10E-26
HSD17B7P2	ENSG00000099251.14	2,065	6,714	-1,332	1,56E-51
PALM3	ENSG00000187867.8	0,665	3,193	-1,332	3,87E-42
SCARA3	ENSG00000168077.13	9,44	25,289	-1,332	1,52E-30
FAM73B	ENSG00000148343.18	11,94	31,545	-1,331	1,65E-58
CLMP	ENSG00000166250.11	1,635	5,63	-1,331	1,75E-31
RP11-867G23.1	ENSG00000254855.1	0,13	1,84	-1,33	1,20E-64
EP400NL	ENSG00000185684.12	3,725	10,88	-1,33	2,41E-37
LGALS1	ENSG00000100097.11	287,595	724,302	-1,33	7,60E-37
PITX1	ENSG00000069011.15	3,715	10,85	-1,33	1,51E-21
CCDC14	ENSG00000175455.14	13,335	35,026	-1,33	2,11E-18
EOGT	ENSG00000163378.13	10,375	27,584	-1,329	1,95E-43
FAM212A	ENSG00000185614.4	1,605	5,545	-1,329	1,12E-42
PIGL	ENSG00000108474.16	9,565	25,549	-1,329	7,08E-35
NBEAL2	ENSG00000160796.16	16,395	42,69	-1,329	4,47E-26
ARHGEF2	ENSG00000116584.17	9,06	24,26	-1,328	5,57E-50
LINC00174	ENSG00000179406.6	2,115	6,82	-1,328	1,10E-32
MUTYH	ENSG00000132781.17	9,74	25,945	-1,327	2,67E-59
SYNE1	ENSG00000131018.22	10,91	28,889	-1,327	2,17E-24
RP11-524F11.1	ENSG00000265511.1	0,42	2,56	-1,326	5,33E-49
RP11-186B7.4	ENSG00000264772.5	1,575	5,455	-1,326	2,52E-32
AC108488.4	ENSG00000242282.6	2,655	8,155	-1,325	1,11E-57
REEP2	ENSG00000132563.15	3,15	9,4	-1,325	2,49E-43

GATM	ENSG00000171766.15	3,385	9,985	-1,325	1,87E-34
PGM5	ENSG00000154330.12	32,739	83,513	-1,325	5,84E-11
SCARA5	ENSG00000168079.16	0,17	1,925	-1,322	1,02E-36
IGFBP4	ENSG00000141753.6	116,65	292,845	-1,321	3,40E-36
CLCN6	ENSG00000011021.21	4,835	13,575	-1,321	1,36E-29
TCAP	ENSG00000173991.5	0,545	2,86	-1,321	3,99E-07
C10orf54	ENSG00000107738.19	14,95	38,79	-1,319	6,19E-33
REG1A	ENSG00000115386.5	0	1,495	-1,319	3,55E-31
ZNF354B	ENSG00000178338.10	5,05	14,085	-1,318	1,21E-38
STK11IP	ENSG00000144589.20	9,505	25,195	-1,318	6,00E-38
CCDC69	ENSG00000198624.12	8,695	23,17	-1,318	1,68E-28
VILL	ENSG00000136059.14	6,515	17,735	-1,318	5,37E-27
RBP4	ENSG00000138207.12	1,15	4,36	-1,318	2,70E-25
GBP1	ENSG00000117228.9	7,15	19,32	-1,318	6,37E-23
CHST3	ENSG00000122863.5	3,095	9,2	-1,317	1,23E-35
CLK1	ENSG00000013441.15	77,323	194,118	-1,317	1,86E-35
P3H3	ENSG00000110811.19	12,895	33,62	-1,317	2,24E-34
FHOD3	ENSG00000134775.15	10,275	27,09	-1,317	3,18E-26
RP11-837J7.4	ENSG00000277299.1	0,53	2,81	-1,316	2,04E-45
RP4-565E6.1	ENSG00000227733.8	0,68	3,18	-1,315	2,50E-58
SPNS2	ENSG00000183018.8	3,05	9,074	-1,315	2,20E-33
LINC00890	ENSG00000260802.1	1,95	6,339	-1,315	5,14E-03
RGMA	ENSG00000182175.13	3	8,945	-1,314	2,22E-35
RP11-346C20.4	ENSG00000272250.1	0,68	3,174	-1,313	1,42E-63
NHS	ENSG00000188158.14	0,59	2,95	-1,313	4,04E-63
ZNF540	ENSG00000171817.16	1,58	5,41	-1,313	2,65E-58
RP11-867G23.10	ENSG00000254510.1	1,025	4,03	-1,313	9,42E-40
SCNN1D	ENSG00000162572.19	2,2	6,95	-1,313	3,63E-33
SLC43A3	ENSG00000134802.17	5,16	14,305	-1,313	2,57E-31
CERK	ENSG00000100422.13	3,805	10,92	-1,311	9,93E-49
FBXL22	ENSG00000197361.6	3,045	9,035	-1,311	5,35E-37
TIMP4	ENSG00000157150.4	1,035	4,05	-1,311	1,21E-16
ZNF154	ENSG00000179909.15	0,52	2,77	-1,31	6,08E-74
L3HYPDH	ENSG00000126790.11	8,515	22,595	-1,31	5,03E-28
CPA6	ENSG00000165078.11	0,99	3,935	-1,31	1,85E-16
ANKRD35	ENSG00000198483.12	1,685	5,655	-1,309	1,79E-44
SLCO3A1	ENSG00000176463.13	3,025	8,975	-1,309	1,10E-43
EZH1	ENSG00000108799.12	12,055	31,32	-1,308	1,92E-55
TRIM73	ENSG00000178809.11	1,65	5,56	-1,308	6,37E-36
ZNF10	ENSG00000256223.5	4,395	12,345	-1,307	7,67E-43
VDAC1P8	ENSG00000229036.7	0,77	3,38	-1,307	7,71E-42
CTB-50L17.9	ENSG00000267769.1	0,54	2,81	-1,307	9,36E-37
AC005517.3	ENSG00000223878.1	0,52	2,76	-1,307	2,95E-31
MXD3	ENSG00000213347.10	4,35	12,24	-1,307	4,87E-22
SCNN1G	ENSG00000166828.2	1,885	6,14	-1,307	1,58E-13
KIAA1614	ENSG00000135835.10	0,95	3,82	-1,306	6,20E-58

RP11-181G12.2	ENSG00000182873.5	1,43	5,01	-1,306	7,70E-48
KB-1572G7.2	ENSG00000273000.5	1,07	4,119	-1,306	1,06E-39
HMG2P19	ENSG00000229367.1	0,22	2,015	-1,305	4,92E-48
MST1R	ENSG00000164078.12	0,94	3,795	-1,305	5,20E-40
RP11-171I2.4	ENSG00000271141.1	0,47	2,629	-1,304	4,15E-37
LINC01004	ENSG00000228393.3	1,8	5,915	-1,304	1,44E-35
CROCCP3	ENSG00000080947.14	1,825	5,975	-1,304	4,62E-32
EFCAB1	ENSG00000034239.10	1,355	4,815	-1,304	1,70E-26
MLKL	ENSG00000168404.12	2,83	8,45	-1,303	6,13E-45
PLK3	ENSG00000173846.12	3,805	10,86	-1,303	4,48E-38
NAV2-AS1	ENSG00000254894.1	0,11	1,739	-1,303	2,51E-35
TMEM173	ENSG00000184584.12	19,745	50,198	-1,303	9,60E-31
HACD1	ENSG00000165996.13	8,395	22,175	-1,303	1,10E-24
NR2F2-AS1	ENSG00000247809.7	1,18	4,375	-1,302	4,56E-60
C6orf49	ENSG00000278224.4	0,92	3,733	-1,302	1,56E-44
PLXND1	ENSG00000004399.12	18,35	46,715	-1,302	1,35E-26
PRRX2	ENSG00000167157.10	4,405	12,324	-1,302	2,37E-26
INPPL1	ENSG00000165458.13	48,09	120,012	-1,302	1,50E-23
GPT	ENSG00000167701.13	1,13	4,25	-1,301	6,74E-40
EML3	ENSG00000149499.11	25,855	65,145	-1,3	1,32E-43
RP11-147L13.13	ENSG00000277476.1	1,45	5,03	-1,299	2,10E-41
RP11-54O7.3	ENSG00000223764.2	1,68	5,595	-1,299	6,24E-32
KCNJ8	ENSG00000121361.3	3,84	10,908	-1,299	2,73E-31
CYB5R2	ENSG00000166394.14	8,985	23,55	-1,298	2,09E-48
AC010976.2	ENSG00000231731.7	0,49	2,665	-1,298	6,23E-44
CTD-2192J16.22	ENSG00000269242.1	5,56	15,127	-1,298	4,84E-12
ARHGEF10L	ENSG00000074964.16	10,85	28,125	-1,297	1,41E-62
RP11-190A12.8	ENSG00000272668.1	0,69	3,153	-1,297	6,37E-43
MRC2	ENSG00000011028.13	15,17	38,738	-1,297	3,64E-35
FGF10	ENSG00000070193.4	0,77	3,35	-1,297	2,75E-30
RP11-390P24.1	ENSG00000273576.1	5,485	14,924	-1,296	2,19E-48
NFYC-AS1	ENSG00000272145.1	0,83	3,495	-1,296	8,05E-38
SNRNP70	ENSG00000104852.14	146,829	361,962	-1,296	4,52E-32
CCND2	ENSG00000118971.7	6,715	17,94	-1,296	1,39E-30
MCC	ENSG00000171444.17	3,135	9,15	-1,296	6,19E-28
ARMCX1	ENSG00000126947.11	7,82	20,654	-1,296	2,87E-15
BEX1	ENSG00000133169.5	1,525	5,2	-1,296	1,56E-13
AC002398.12	ENSG00000267328.1	2,62	7,889	-1,296	6,01E-10
CHP2	ENSG00000166869.2	0,335	2,275	-1,295	2,50E-31
FBF1	ENSG00000188878.16	4,33	12,065	-1,294	1,69E-53
RUSC2	ENSG00000198853.11	5,47	14,865	-1,294	9,08E-45
PGA4	ENSG00000229183.8	0,06	1,6	-1,294	7,22E-39
ZFC3H1	ENSG00000133858.15	9,31	24,28	-1,294	2,27E-32
MYOCD	ENSG00000141052.17	1,995	6,345	-1,294	2,29E-16
SNHG22	ENSG00000267322.2	1,245	4,5	-1,293	3,63E-38
ZNF276	ENSG00000158805.11	10,995	28,4	-1,293	1,81E-31

KCNH2	ENSG00000055118.14	6,1	16,394	-1,293	9,63E-26
CABP1	ENSG00000157782.9	0,74	3,26	-1,292	8,84E-57
NAALADL1	ENSG00000168060.14	5,135	14,025	-1,292	1,03E-44
NEXN	ENSG00000162614.18	11,505	29,624	-1,292	3,15E-14
SPAG5-AS1	ENSG00000227543.4	0,6	2,915	-1,291	5,16E-45
ANKRD10-IT1	ENSG00000229152.2	3,995	11,224	-1,291	1,66E-11
CTC-479C5.10	ENSG00000263126.1	0,38	2,375	-1,29	1,08E-58
SEMA3F-AS1	ENSG00000235016.1	0,82	3,45	-1,29	2,77E-41
RP11-75L1.2	ENSG00000213443.2	1,68	5,55	-1,289	1,87E-41
ANKRD65	ENSG00000235098.8	7,205	19,045	-1,289	2,33E-37
TIMP3	ENSG00000100234.11	61,84	152,582	-1,289	5,13E-24
COPZ2	ENSG00000005243.9	17,37	43,87	-1,288	1,05E-34
NOSTRIN	ENSG00000163072.14	8,245	21,579	-1,288	1,24E-21
AC011290.5	ENSG00000236015.1	0,52	2,71	-1,287	2,45E-38
PHYHIPL	ENSG00000165443.11	0,78	3,345	-1,287	5,96E-35
ANGPTL4	ENSG00000167772.11	5,84	15,69	-1,287	1,87E-14
ZNF334	ENSG00000198185.11	2,85	8,39	-1,286	8,67E-33
MSS51	ENSG00000166343.9	0,42	2,46	-1,285	3,14E-59
KCTD17	ENSG00000100379.17	5,11	13,89	-1,285	2,31E-44
SEMA6A-AS1	ENSG00000248445.5	0,92	3,679	-1,285	1,20E-38
MT-ND2	ENSG00000198763.3	5251,631	12799,5	-1,285	1,76E-17
EGFLAM	ENSG00000164318.17	3,98	11,125	-1,284	1,30E-33
KCNMB1	ENSG00000145936.8	6,84	18,094	-1,284	6,06E-20
ICA1L	ENSG00000163596.16	2,285	6,995	-1,283	5,82E-54
TFCP2L1	ENSG00000115112.7	2,19	6,764	-1,283	8,91E-15
MYL2	ENSG00000111245.14	0,05	1,555	-1,283	7,62E-04
UPK3BL	ENSG00000267368.1	24,615	61,3	-1,282	3,31E-40
ITIH5	ENSG00000123243.14	8,13	21,201	-1,282	2,58E-21
IKBKB	ENSG00000104365.13	21,42	53,445	-1,28	2,72E-30
VWCE	ENSG00000167992.12	0,35	2,275	-1,279	2,30E-82
LINC00641	ENSG00000258441.1	1,8	5,795	-1,279	5,77E-60
RP11-257O5.2	ENSG00000279059.1	2,19	6,735	-1,278	2,71E-50
RP11-504P24.8	ENSG00000272645.2	4,43	12,168	-1,278	1,45E-33
SEMA6C	ENSG00000143434.15	3,455	9,805	-1,278	2,41E-30
INMT	ENSG00000241644.2	10,36	26,555	-1,278	4,27E-22
RP11-449J21.3	ENSG00000279382.1	3,795	10,63	-1,278	4,01E-13
FBXL21	ENSG00000164616.14	0,04	1,52	-1,277	1,35E-53
TMEM91	ENSG00000142046.14	6,155	16,335	-1,277	4,80E-46
CTD-2026K11.6	ENSG00000203392.3	0,21	1,93	-1,276	4,72E-67
PRAM1	ENSG00000133246.11	1,34	4,665	-1,276	1,38E-38
LDB2	ENSG00000169744.12	5,63	15,054	-1,276	2,74E-23
WIF1	ENSG00000156076.9	0,8	3,36	-1,276	7,07E-09
MAP3K14	ENSG00000006062.13	4,41	12,09	-1,275	6,51E-46
RN7SL417P	ENSG00000244056.3	0	1,419	-1,275	6,25E-44
SEC61A2	ENSG00000065665.20	3,125	8,985	-1,275	4,06E-42
AGAP4	ENSG00000188234.13	7,125	18,665	-1,275	5,42E-24

EPAS1	ENSG00000116016.13	37,17	91,36	-1,275	2,23E-23
CTC-30107.4	ENSG00000197813.5	0,48	2,58	-1,274	7,00E-53
POMC	ENSG00000115138.10	0,46	2,53	-1,274	3,49E-49
KAT2A	ENSG00000108773.10	30,555	75,305	-1,274	7,42E-24
LTB4R2	ENSG00000213906.9	0,74	3,205	-1,273	3,86E-58
AC007566.10	ENSG00000244055.1	0,785	3,315	-1,273	1,17E-43
ARHGAP40	ENSG00000124143.10	0,285	2,105	-1,273	9,20E-30
TPM1	ENSG00000140416.19	335,111	811,191	-1,273	7,75E-22
IFI27L2	ENSG00000119632.3	15,41	38,625	-1,272	2,07E-36
SCNN1B	ENSG00000168447.10	1,76	5,665	-1,272	1,87E-18
C5orf56	ENSG00000197536.10	5,26	14,105	-1,271	2,17E-57
C16orf45	ENSG00000166780.10	12,8	32,305	-1,271	4,52E-33
U2AF1L4	ENSG00000161265.14	14,255	35,799	-1,27	3,10E-71
TRIM17	ENSG00000162931.11	0,42	2,425	-1,27	1,78E-46
PDE8A	ENSG00000073417.14	7,075	18,48	-1,27	1,69E-42
PNN	ENSG00000100941.8	30,205	74,263	-1,27	1,29E-23
ZC3H12A	ENSG00000163874.8	9,11	23,38	-1,27	6,80E-15
MTA1	ENSG00000182979.17	39,151	95,729	-1,269	5,90E-37
MYZAP	ENSG00000263155.5	5,805	15,403	-1,269	8,25E-24
AP1G2	ENSG00000213983.11	60,69	147,676	-1,269	1,54E-19
DFNB59	ENSG00000204311.11	1,05	3,938	-1,268	4,35E-67
CCR10	ENSG00000184451.5	0,36	2,275	-1,268	1,38E-59
RP11-499P20.2	ENSG00000240291.1	1,585	5,225	-1,268	1,26E-34
RHBDF1	ENSG00000007384.15	31,99	78,449	-1,268	1,15E-28
RP11-458F8.4	ENSG00000273142.1	3,12	8,923	-1,268	8,59E-23
RP11-82L18.2	ENSG00000224945.1	0,42	2,415	-1,266	7,37E-50
RBP1	ENSG00000114115.9	15,215	38,005	-1,266	8,73E-38
CFH	ENSG00000000971.15	7,525	19,504	-1,266	6,49E-25
DCN	ENSG00000011465.16	104,999	253,843	-1,266	2,30E-15
RP11-379B18.5	ENSG00000241288.7	1,8	5,73	-1,265	1,52E-31
ENO3	ENSG00000108515.17	4,61	12,48	-1,265	2,78E-18
SCART1	ENSG00000214279.12	0,47	2,53	-1,264	2,27E-40
SNED1	ENSG00000162804.13	4,785	12,895	-1,264	2,22E-21
WASH6P	ENSG00000182484.14	24,445	60,049	-1,263	1,97E-53
OSBPL7	ENSG00000006025.11	6,805	17,73	-1,263	2,08E-29
C16orf89	ENSG00000153446.15	2,28	6,874	-1,263	1,67E-19
FAM27B	ENSG00000278763.1	0,65	2,96	-1,263	3,74E-14
TNNT2	ENSG00000118194.18	0,545	2,705	-1,262	9,42E-35
PMFBP1	ENSG00000118557.15	0,52	2,645	-1,262	4,72E-28
NECAB1	ENSG00000123119.11	0,73	3,145	-1,261	8,16E-61
FLT3LG	ENSG00000090554.12	6,68	17,4	-1,261	6,42E-46
VIT	ENSG00000205221.12	0,525	2,655	-1,261	2,31E-40
THOC1	ENSG00000079134.11	15,94	39,595	-1,261	2,14E-37
LENG8-AS1	ENSG00000226696.5	2,74	7,965	-1,261	4,20E-29
HDAC10	ENSG00000100429.17	20,29	50,009	-1,261	5,14E-27
OGT	ENSG00000147162.13	35,986	87,644	-1,261	1,10E-13

HMCN2	ENSG00000148357.16	1,45	4,869	-1,26	1,76E-26
ROBO4	ENSG00000154133.14	3,385	9,505	-1,26	8,91E-23
RP11-269C23.5	ENSG00000277831.1	0,13	1,705	-1,259	1,72E-63
TMEM35	ENSG00000126950.7	3,405	9,539	-1,259	5,33E-08
RP4-639F20.1	ENSG00000235501.5	4,21	11,46	-1,258	7,28E-36
C15orf52	ENSG00000188549.12	7,405	19,095	-1,258	2,23E-29
RP11-395I6.3	ENSG00000260296.1	1,175	4,2	-1,257	1,06E-41
SGSM2	ENSG00000141258.12	41,755	101,177	-1,257	2,06E-34
AC018766.4	ENSG00000267896.1	4,77	12,795	-1,257	1,44E-31
TCERG1	ENSG00000113649.11	18,96	46,696	-1,257	3,25E-27
RP3-368A4.5	ENSG00000271430.1	2,17	6,575	-1,257	1,68E-24
C1orf186	ENSG00000263961.6	0,825	3,36	-1,256	4,86E-36
PPP1R3C	ENSG00000119938.8	3,78	10,415	-1,256	4,81E-21
RP11-635L1.2	ENSG00000279384.1	0,32	2,15	-1,255	3,06E-47
PPAP2B	ENSG00000162407.8	29,935	72,829	-1,255	1,07E-23
ADRA1A	ENSG00000120907.17	0,975	3,715	-1,255	1,49E-20
HDAC7	ENSG00000061273.17	23,6	57,669	-1,254	4,10E-51
MAATS1	ENSG00000183833.16	2,15	6,509	-1,253	1,66E-32
NR2F1-AS1	ENSG00000237187.8	6,9	17,83	-1,253	5,94E-31
HIGD1B	ENSG00000131097.6	2,875	8,235	-1,253	4,30E-27
FAM95B1	ENSG00000223839.7	1,085	3,97	-1,253	1,39E-24
RP11-347I19.8	ENSG00000272849.1	1,775	5,614	-1,253	5,89E-18
PDZRN4	ENSG00000165966.14	2,62	7,619	-1,252	1,19E-20
CTC1	ENSG00000178971.13	9,15	23,164	-1,251	5,36E-33
FBXO2	ENSG00000116661.9	5,34	14,085	-1,251	1,23E-29
DPYSL3	ENSG00000113657.12	36,515	88,303	-1,251	4,47E-20
RP11-468E2.11	ENSG00000278784.1	2,535	7,41	-1,25	1,13E-56
PRDM11	ENSG0000019485.12	2,83	8,11	-1,25	7,75E-54
GGA3	ENSG00000125447.16	11,055	27,679	-1,25	2,03E-34
RAB11FIP1P1	ENSG00000228492.2	0,905	3,529	-1,25	2,05E-24
KCNQ4	ENSG00000117013.14	1,005	3,765	-1,249	5,52E-53
AHDC1	ENSG00000126705.13	4,165	11,265	-1,248	1,26E-42
ARL4D	ENSG00000175906.4	3,485	9,65	-1,248	5,41E-35
CCDC80	ENSG00000091986.15	19,09	46,705	-1,248	1,41E-19
CCDC3	ENSG00000151468.10	6,455	16,69	-1,247	1,33E-28
KCNE3	ENSG00000175538.10	1,505	4,945	-1,247	1,61E-24
CRIPAK	ENSG00000179979.8	3,41	9,47	-1,247	7,41E-23
CAV1	ENSG00000105974.11	26,225	63,61	-1,247	2,16E-17
TFPI	ENSG00000003436.14	4,235	11,428	-1,247	1,45E-08
RBMS1	ENSG00000153250.17	10,065	25,24	-1,246	1,04E-31
RPL32P3	ENSG00000251474.6	4,1	11,095	-1,246	1,55E-31
NPIPA5	ENSG00000183793.13	8,13	20,655	-1,246	1,35E-15
FOXF2	ENSG00000137273.3	1,765	5,56	-1,246	3,57E-14
GON4L	ENSG00000116580.18	11,185	27,885	-1,245	1,27E-42
TGM1	ENSG00000092295.11	1,105	3,99	-1,245	5,54E-36
IGSF9B	ENSG00000080854.14	1,43	4,759	-1,245	3,84E-33

BTAF1	ENSG00000095564.13	6,24	16,159	-1,245	6,70E-18
TBX19	ENSG00000143178.12	0,87	3,425	-1,243	3,46E-65
CTD-2054N24.2	ENSG00000259363.5	0,51	2,575	-1,243	2,50E-58
ADAMTSL5	ENSG00000185761.10	0,85	3,38	-1,243	7,57E-53
PLLP	ENSG00000102934.9	3,87	10,524	-1,243	8,23E-40
PPWD1	ENSG00000113593.11	10,965	27,32	-1,243	1,10E-35
SCARF2	ENSG00000244486.7	5,45	14,27	-1,243	2,36E-28
RP11-167N5.5	ENSG00000267834.1	0,22	1,885	-1,242	5,50E-55
PHYKPL	ENSG00000175309.14	25,535	61,778	-1,242	6,60E-35
DPH7	ENSG00000148399.11	22,16	53,779	-1,242	2,95E-34
COX4I2	ENSG00000131055.4	3,14	8,79	-1,242	4,91E-24
MSRB3	ENSG00000174099.10	13,225	32,616	-1,241	2,73E-17
REM1	ENSG00000088320.3	0,945	3,595	-1,24	4,38E-42
RP11-122K13.12	ENSG00000235245.1	0,74	3,11	-1,24	6,53E-39
ZMAT1	ENSG00000166432.14	5,4	14,12	-1,24	3,48E-26
ZNF90	ENSG00000213988.9	0,89	3,46	-1,239	1,71E-62
PLEKHG3	ENSG00000126822.15	7,45	18,95	-1,239	1,47E-49
RBM38	ENSG00000132819.16	11,165	27,72	-1,239	6,72E-41
HSPA12A	ENSG00000165868.12	0,995	3,705	-1,238	2,75E-54
ACOT11	ENSG00000162390.17	1,02	3,765	-1,238	1,02E-48
TRPV4	ENSG00000111199.10	1,87	5,77	-1,238	3,04E-19
GJA4	ENSG00000187513.8	4,225	11,318	-1,237	1,12E-28
ARHGEF15	ENSG00000198844.10	2,375	6,955	-1,237	8,74E-26
LAMA2	ENSG00000196569.11	2,095	6,295	-1,237	3,39E-19
ZNF783	ENSG00000204946.9	5,435	14,155	-1,236	3,28E-25
EYA1	ENSG00000104313.17	2,01	6,09	-1,236	6,48E-20
RP11-624L4.1	ENSG00000259345.5	0,705	3,015	-1,236	2,74E-18
NPPA	ENSG00000175206.10	0,13	1,66	-1,235	1,19E-49
IQCJ-SCHIP1	ENSG00000250588.6	4,665	12,335	-1,235	3,51E-34
CATSPER2	ENSG00000166762.16	2,235	6,615	-1,235	3,75E-31
DOPEY1	ENSG00000083097.14	4,255	11,37	-1,235	6,01E-28
CA14	ENSG00000118298.10	0,565	2,685	-1,235	2,29E-18
ADAM19	ENSG00000135074.15	1,17	4,105	-1,234	3,13E-36
RHOT2	ENSG00000140983.13	64,263	152,471	-1,234	3,52E-36
IFI16	ENSG00000163565.18	16,345	39,802	-1,234	1,93E-30
NLRC5	ENSG00000140853.15	4,94	12,975	-1,234	6,14E-20
WNT6	ENSG00000115596.3	0,38	2,245	-1,233	7,53E-43
KRBA1	ENSG00000133619.17	3,56	9,72	-1,233	1,87E-35
LAYN	ENSG00000204381.11	5,4	14,035	-1,232	8,67E-33
SMAD3	ENSG00000166949.15	9,425	23,475	-1,231	1,53E-32
CLEC3B	ENSG00000163815.5	10,47	25,93	-1,231	2,49E-18
SYTL4	ENSG00000102362.15	9,955	24,7	-1,23	8,60E-38
GJC1	ENSG00000182963.9	2,155	6,4	-1,23	2,22E-32
CTD-2547G23.4	ENSG00000274925.1	1,07	3,855	-1,23	1,28E-31
PDE1C	ENSG00000154678.16	0,16	1,72	-1,229	4,84E-66
BEND5	ENSG00000162373.12	2,64	7,53	-1,229	4,14E-45

QSOX1	ENSG00000116260.16	30,26	72,258	-1,229	1,72E-37
MMP2	ENSG00000087245.12	35,414	84,348	-1,229	7,74E-24
CTB-50L17.8	ENSG00000280239.1	0,75	3,1	-1,228	1,43E-42
SLC26A6	ENSG00000225697.10	12,94	31,659	-1,228	1,76E-06
DAB2IP	ENSG00000136848.16	9,92	24,555	-1,227	3,50E-36
FTCD	ENSG00000160282.13	0,99	3,657	-1,227	1,53E-30
MZF1	ENSG00000099326.8	13,875	33,831	-1,227	5,03E-30
MIR22HG	ENSG00000186594.12	8,89	22,145	-1,227	2,31E-23
POU6F1	ENSG00000184271.15	6,68	16,965	-1,226	1,32E-35
RP11-632K20.7	ENSG00000223509.8	2,145	6,355	-1,226	4,86E-35
ANKRD36	ENSG00000135976.16	2,005	6,03	-1,226	2,77E-30
TMEM176A	ENSG00000002933.7	8,54	21,32	-1,226	5,17E-19
SCNN1A	ENSG00000111319.12	24,04	57,537	-1,225	1,80E-12
ANKRD53	ENSG00000144031.11	0,46	2,41	-1,224	1,99E-74
BEST1	ENSG00000167995.15	1,035	3,755	-1,224	3,91E-64
NACAD	ENSG00000136274.8	1,155	4,035	-1,224	7,35E-54
RP11-80I15.1	ENSG00000223849.1	0,22	1,85	-1,224	1,36E-47
B3GNT9	ENSG00000237172.3	4,675	12,26	-1,224	1,09E-33
RHOBTB1	ENSG00000072422.16	2,665	7,56	-1,224	1,08E-24
TAGLN	ENSG00000149591.16	1489,899	3482,843	-1,224	7,61E-18
RRP7BP	ENSG00000182841.12	10,545	25,948	-1,223	5,65E-35
FABP4	ENSG00000170323.8	0,57	2,665	-1,223	2,45E-33
LDLRAD2	ENSG00000187942.11	1,84	5,629	-1,223	1,92E-20
LIPE	ENSG00000079435.9	2,42	6,98	-1,222	6,80E-51
PDLIM4	ENSG00000131435.12	21,97	52,596	-1,222	1,77E-30
SIK1	ENSG00000142178.7	2,33	6,77	-1,222	1,10E-09
RP11-244H3.1	ENSG00000241014.1	0,77	3,125	-1,221	7,06E-62
ZSWIM8	ENSG00000214655.10	64,4	151,481	-1,221	8,65E-42
CEACAM19	ENSG00000186567.12	4,11	10,91	-1,221	9,47E-23
CDH24	ENSG00000139880.19	1,58	5,01	-1,22	2,77E-44
HSD17B3	ENSG00000130948.9	0,545	2,599	-1,22	2,62E-33
DDR2	ENSG00000162733.16	4,805	12,525	-1,22	4,83E-20
GEM	ENSG00000164949.7	7,785	19,46	-1,22	3,01E-18
ARL10	ENSG00000175414.6	0,74	3,05	-1,219	7,38E-63
CH17-472G23.4	ENSG00000275131.1	0,48	2,445	-1,219	2,27E-41
LSMEM1	ENSG00000181016.9	0,66	2,865	-1,219	7,66E-41
SCARF1	ENSG00000074660.15	1,98	5,935	-1,219	1,09E-40
AMPD2	ENSG00000116337.15	20,685	49,468	-1,219	9,91E-38
ANKRD36B	ENSG00000196912.12	2,71	7,635	-1,219	1,23E-29
RP11-285F7.2	ENSG00000242861.1	9,145	22,609	-1,219	2,73E-21
TNNC1	ENSG00000114854.7	2,24	6,54	-1,219	2,53E-06
RP11-256I23.2	ENSG00000269068.1	0,41	2,28	-1,218	1,14E-47
QPRT	ENSG00000103485.17	2,27	6,604	-1,218	5,51E-41
PAPD7	ENSG00000112941.12	5,62	14,405	-1,218	1,63E-36
NOVA1	ENSG00000139910.19	1,37	4,515	-1,218	1,83E-28
CCDC180	ENSG00000197816.13	1,58	5	-1,218	9,09E-26

PDPN	ENSG00000162493.16	5,13	13,25	-1,217	3,10E-25
RP11-110I1.5	ENSG00000254909.1	0,615	2,755	-1,217	9,68E-21
TNNC2	ENSG00000101470.9	0,835	3,265	-1,217	2,26E-17
ADAM28	ENSG00000042980.12	1,995	5,96	-1,217	8,17E-17
PEAK1	ENSG00000173517.10	2,235	6,515	-1,216	4,48E-26
HDAC6	ENSG00000094631.18	26,28	62,324	-1,215	7,64E-39
CLUHP3	ENSG00000131797.12	3,56	9,575	-1,214	1,32E-33
AJUBA	ENSG00000129474.15	3,74	9,995	-1,214	7,61E-28
RP11-384K6.6	ENSG00000260404.2	1,995	5,95	-1,214	1,62E-25
SCN4B	ENSG00000177098.8	1,315	4,365	-1,213	4,29E-40
DOCK6	ENSG00000130158.13	11,735	28,515	-1,213	1,10E-39
N4BP2L1	ENSG00000139597.16	7,31	18,258	-1,213	1,94E-33
CFLAR	ENSG00000003402.19	22,996	54,64	-1,213	1,69E-26
TSC22D3	ENSG00000157514.16	145,597	338,919	-1,213	9,93E-19
RASA4	ENSG00000105808.17	11,855	28,774	-1,212	2,33E-47
CTD-2196E14.6	ENSG00000260751.2	0,63	2,775	-1,212	1,32E-41
RP11-548H3.1	ENSG00000273466.1	2,345	6,75	-1,212	3,78E-37
STK33	ENSG00000130413.15	2,15	6,295	-1,212	1,25E-36
ADRA1D	ENSG00000171873.7	0,47	2,405	-1,212	1,04E-26
IGF1	ENSG00000017427.15	8,655	21,36	-1,212	7,79E-09
MRGPRF-AS1	ENSG00000256508.2	0,14	1,64	-1,211	2,46E-73
PLP2	ENSG00000102007.10	39,705	93,208	-1,211	1,63E-35
AIFM2	ENSG00000042286.14	3,69	9,85	-1,21	6,01E-62
RAB7B	ENSG00000276600.4	1,935	5,79	-1,21	6,67E-31
DCHS1	ENSG00000166341.7	2,805	7,8	-1,21	6,28E-18
FGF2	ENSG00000138685.12	1,45	4,665	-1,209	5,44E-34
MMP14	ENSG00000157227.12	24,19	57,225	-1,209	4,94E-27
PRRX1	ENSG00000116132.11	10,195	24,885	-1,209	7,18E-15
STX1A	ENSG00000106089.11	3,035	8,32	-1,208	4,47E-47
CACNA1H	ENSG00000196557.10	18,31	43,599	-1,208	8,23E-18
NNAT	ENSG00000053438.8	0,68	2,88	-1,208	1,11E-17
BDKRB2	ENSG00000168398.6	1,025	3,675	-1,207	9,22E-37
NSMF	ENSG00000165802.19	20,559	48,77	-1,207	9,39E-26
S1PR3	ENSG00000213694.3	5,65	14,355	-1,207	1,45E-22
AP000347.2	ENSG00000272578.5	0,6	2,69	-1,206	1,25E-42
TBC1D2B	ENSG00000167202.11	7,965	19,684	-1,206	1,12E-38
RP11-250B2.3	ENSG00000233967.6	0,645	2,795	-1,206	4,24E-38
CPNE6	ENSG00000100884.9	0,725	2,98	-1,206	6,06E-21
AEBP1	ENSG00000106624.8	77,058	179,103	-1,206	5,84E-15
GS1-124K5.11	ENSG00000229180.5	1,32	4,35	-1,205	8,97E-49
PTGIS	ENSG00000124212.5	5,455	13,885	-1,205	1,3E-17
FGD2	ENSG00000146192.14	1,19	4,045	-1,204	7,11E-30
ITGA1	ENSG00000213949.8	7,76	19,176	-1,204	1,12E-17
RP11-861E21.2	ENSG00000267199.1	0,16	1,67	-1,203	2,69E-51
WNT2	ENSG00000105989.8	1,06	3,744	-1,203	5,21E-13
TLDC2	ENSG00000101342.9	0,4	2,22	-1,202	3,42E-55

GBA2	ENSG00000070610.14	43,115	100,495	-1,202	1,93E-42
LZTR1	ENSG00000099949.18	23,14	54,537	-1,202	7,94E-35
CROCC	ENSG00000058453.16	11,025	26,664	-1,202	1,66E-34
KCNMA1	ENSG00000156113.20	13,46	32,279	-1,202	1,96E-18
RP11-266K4.9	ENSG00000215241.3	0,44	2,31	-1,201	1,34E-62
CORO7	ENSG00000262246.5	9,405	22,915	-1,201	1,87E-32
BMP4	ENSG00000125378.15	6,665	16,624	-1,201	1,85E-24
PRTFDC1	ENSG00000099256.18	1,945	5,76	-1,199	2,97E-43
RP11-96C23.11	ENSG00000261011.1	0,725	2,96	-1,199	6,47E-42
DGCR8	ENSG00000128191.13	10,25	24,82	-1,199	2,24E-38
ALPK1	ENSG00000073331.17	3,17	8,575	-1,199	4,96E-38
FAM27E3	ENSG00000274026.1	1,26	4,19	-1,199	2,55E-34
PLXDC1	ENSG00000161381.13	4,05	10,594	-1,199	1,3E-27
RP11-278C7.1	ENSG00000257511.1	0,73	2,97	-1,198	2,85E-48
MICU3	ENSG00000155970.11	1,485	4,7	-1,198	3,4E-42
ACIN1	ENSG00000100813.14	53,53	124,124	-1,198	5,94E-35
POU5F1	ENSG00000204531.15	0,77	3,06	-1,198	5,96E-35
ZNF266	ENSG00000174652.17	14,655	34,91	-1,198	3,83E-28
MFGE8	ENSG00000140545.14	57,42	133,051	-1,198	4,94E-23
KRT14	ENSG00000186847.5	14,49	34,534	-1,198	0,000103
ENPP7P11	ENSG00000250942.1	0,13	1,59	-1,197	2,53E-64
RP11-365N19.2	ENSG00000259515.1	0,25	1,865	-1,197	1,4E-54
MMP17	ENSG00000198598.6	0,98	3,54	-1,197	2,32E-48
GYPC	ENSG00000136732.14	16,34	38,74	-1,197	3,84E-34
CAPN8	ENSG00000203697.11	0,73	2,965	-1,197	1,81E-33
LGALS7B	ENSG00000178934.4	0,59	2,645	-1,197	2,68E-33
DACT3	ENSG00000197380.10	5,46	13,815	-1,197	6,2E-27
KRT16	ENSG00000186832.8	0,795	3,115	-1,197	8,84E-23
MT-ATP8	ENSG00000228253.1	13237,104	30356,124	-1,197	3,48E-10
UCN2	ENSG00000145040.3	0,2	1,75	-1,196	6,87E-62
CDH23	ENSG00000107736.19	0,49	2,415	-1,196	2,89E-60
RP11-972P1.7	ENSG00000280328.1	0,22	1,795	-1,196	8,44E-60
PDLIM1	ENSG00000107438.8	49,648	115	-1,196	4,25E-35
AKR1B1	ENSG00000085662.13	18,18	42,956	-1,196	4,8E-35
SLC16A3	ENSG00000141526.14	6,355	15,85	-1,196	2,71E-33
RP11-566K11.4	ENSG00000259006.1	0,98	3,535	-1,196	1,45E-27
C8orf46	ENSG00000169085.11	1,42	4,54	-1,195	4,57E-46
RBPM52	ENSG00000166831.8	7,85	19,245	-1,194	1,05E-31
EVA1B	ENSG00000142694.6	13,635	32,478	-1,194	4,09E-30
POGZ	ENSG00000143442.21	18,635	43,91	-1,194	2,72E-18
SAMD14	ENSG00000167100.14	1,15	3,915	-1,193	4,4E-41
VCL	ENSG00000035403.16	32,635	75,905	-1,193	9,94E-14
ASPA	ENSG00000108381.10	0,42	2,245	-1,192	4,68E-61
SUGP2	ENSG00000064607.16	34,73	80,641	-1,192	1,65E-34
HS3ST3A1	ENSG00000153976.2	0,84	3,205	-1,192	5,78E-33
NRP2	ENSG00000118257.16	4,33	11,18	-1,192	6,76E-25

RP4-583P15.15	ENSG00000273154.3	1,99	5,825	-1,191	2,16E-41
JAZF1	ENSG00000153814.11	6,505	16,124	-1,19	2,51E-26
ANGPT1	ENSG00000154188.9	2,51	7,01	-1,19	1,59E-17
SVIL	ENSG00000197321.14	24,225	56,555	-1,19	6,71E-15
PRRT1	ENSG00000204314.10	4,965	12,6	-1,189	9,14E-63
ZBTB47	ENSG00000114853.13	8,225	20,035	-1,189	1,01E-39
MEF2B	ENSG00000213999.15	0,66	2,785	-1,189	8,79E-39
PLEKHO1	ENSG00000023902.13	27,751	64,525	-1,188	1,02E-32
AC156455.1	ENSG00000256546.1	0,92	3,37	-1,187	4,15E-64
AP001062.7	ENSG00000184441.4	1,09	3,755	-1,186	3,33E-47
XRCC3	ENSG00000126215.13	4,54	11,605	-1,186	2,62E-40
CTIF	ENSG00000134030.13	6,73	16,58	-1,185	1,24E-45
PPAPDC3	ENSG00000160539.4	1,125	3,83	-1,185	1,76E-38
YEATS2-AS1	ENSG00000233885.7	0,5	2,41	-1,185	4,35E-37
FAM124A	ENSG00000150510.15	1,305	4,24	-1,185	8,93E-29
RP11-496I9.1	ENSG00000254815.5	2,365	6,65	-1,185	1,51E-23
SERPINB5	ENSG00000206075.13	1,375	4,4	-1,185	8,36E-12
RP11-22B23.1	ENSG00000111788.10	0,6	2,635	-1,184	1,75E-50
CWC25	ENSG00000273559.4	8,545	20,685	-1,184	2,24E-46
ARRDC2	ENSG00000105643.9	12,54	29,76	-1,184	3,74E-29
LY6G6D	ENSG00000244355.7	0,75	2,975	-1,184	7,22E-18
CCDC66	ENSG00000180376.16	5,43	13,595	-1,183	2,95E-35
TRPC4	ENSG00000133107.14	1,295	4,21	-1,183	6,28E-35
AC009133.21	ENSG00000275857.1	0,775	3,03	-1,183	6,32E-14
CTB-13F3.1	ENSG00000273055.1	0,415	2,21	-1,182	2,83E-50
TPCN2	ENSG00000162341.15	4,83	12,23	-1,182	1,13E-41
HSPB2-C11orf52	ENSG00000254445.1	1,34	4,31	-1,182	5,44E-29
GBP2	ENSG00000162645.12	28,195	65,231	-1,182	9,28E-24
SH3GL1P1	ENSG00000266777.1	0,4	2,175	-1,181	1,22E-40
RBM5-AS1	ENSG00000281691.1	0,475	2,345	-1,181	7,12E-38
DDX3Y	ENSG00000067048.16	16,515	38,703	-1,181	2,02E-25
CD248	ENSG00000174807.3	6,1	15,095	-1,181	8,63E-23
TIMP2	ENSG00000035862.12	70,756	161,696	-1,181	2,65E-21
TMEM63A	ENSG00000196187.11	31,339	72,328	-1,181	2,06E-15
GLIS3	ENSG00000107249.21	1,31	4,235	-1,18	1,16E-37
SEMG1	ENSG00000124233.11	0,07	1,424	-1,18	4,56E-17
POLM	ENSG00000122678.14	9,63	23,064	-1,179	6,66E-46
SEPT7P2	ENSG00000214765.8	7,775	18,87	-1,179	6,19E-28
HOTAIRM1_2	ENSG00000276771.1	0	1,264	-1,179	9,78E-26
FGR	ENSG00000000938.12	2,145	6,119	-1,179	3,8E-25
RP5-1057I20.5	ENSG00000276691.1	0,1	1,489	-1,178	1,95E-53
MDM4	ENSG00000198625.12	4,99	12,55	-1,178	6,37E-25
TGFBR3	ENSG00000069702.10	5,095	12,79	-1,178	2,13E-24
NBPF8	ENSG00000270231.3	5,02	12,625	-1,178	3,13E-12
RP11-566K19.6	ENSG00000274253.4	0,245	1,815	-1,177	3,66E-43
GOLGA6L9	ENSG00000197978.9	1,795	5,32	-1,177	4,1E-31

MUC20	ENSG00000176945.16	9,375	22,465	-1,177	7,08E-19
ANO4	ENSG00000151572.16	1,66	5,015	-1,177	4,26E-13
MYO15A	ENSG00000091536.16	0,445	2,265	-1,176	8,16E-68
FLCN	ENSG00000154803.12	14,205	33,362	-1,176	4,99E-28
ATP6V1C2	ENSG00000143882.9	1,18	3,925	-1,176	1,86E-25
RP11-347I19.7	ENSG00000274292.1	0,825	3,125	-1,176	2,31E-23
RP4-734G22.3	ENSG00000272078.1	0,43	2,23	-1,175	6,17E-45
CLDN15	ENSG00000106404.13	4,1	10,514	-1,175	1,79E-34
KDM5D	ENSG0000012817.15	15,115	35,382	-1,175	2,14E-21
RAD52	ENSG00000002016.16	4,6	11,635	-1,174	9,76E-30
SLIT2	ENSG00000145147.19	3,415	8,96	-1,174	3,54E-19
GS1-114I9.1	ENSG00000272638.1	2,315	6,472	-1,173	2,99E-42
SORCS2	ENSG00000184985.16	0,92	3,33	-1,173	2,45E-38
ZNF224	ENSG00000267680.5	6,66	16,27	-1,173	9,11E-33
SOX13	ENSG00000143842.14	17,15	39,914	-1,173	2,58E-29
MSH5-SAPCD1	ENSG00000255152.8	2,655	7,24	-1,173	9,44E-26
NDRG4	ENSG00000103034.14	1,765	5,23	-1,172	1,72E-42
TPSAB1	ENSG00000172236.16	22,055	50,92	-1,171	2,18E-10
RP11-273B20.1	ENSG00000256967.1	0,54	2,465	-1,17	1,05E-44
SGK2	ENSG00000101049.14	0,38	2,105	-1,17	2,14E-26
COL14A1	ENSG00000187955.11	10,085	23,94	-1,17	3,4E-12
FADS2	ENSG00000134824.13	32,139	73,574	-1,17	0,0000357
PITPNM1	ENSG00000110697.12	5,85	14,4	-1,169	3,42E-38
LINC00173	ENSG00000196668.3	0,755	2,945	-1,169	3,5E-25
CRABP2	ENSG00000143320.8	14,185	33,136	-1,169	6,57E-16
CNN1	ENSG00000130176.7	263,078	592,798	-1,169	1,61E-11
KLHL3	ENSG00000146021.14	0,62	2,64	-1,168	4,47E-51
ARHGAP10	ENSG00000071205.11	9,455	22,485	-1,168	1,74E-39
ARFGAP1	ENSG00000101199.12	41,694	94,953	-1,168	3,88E-34
TTC14	ENSG00000163728.10	15,55	36,2	-1,168	6,76E-27
RP11-17E13.2	ENSG00000272864.1	0,63	2,66	-1,167	2,49E-49
USP35	ENSG00000118369.12	1,98	5,69	-1,167	1,5E-44
ABCA7	ENSG00000064687.12	4,945	12,35	-1,167	8,06E-33
STAG3	ENSG00000066923.17	1,36	4,3	-1,167	6,58E-27
FHL2	ENSG00000115641.18	40,71	92,667	-1,167	6,56E-19
PDE7B	ENSG00000171408.13	1,01	3,51	-1,166	5,46E-56
ACSS3	ENSG00000111058.7	1,98	5,685	-1,166	4,81E-28
PPP1R12B	ENSG00000077157.20	25,05	57,42	-1,165	5,45E-16
PPARGC1A	ENSG00000109819.8	0,61	2,605	-1,163	1,51E-38
VAMP5	ENSG00000168899.4	29,59	67,498	-1,163	3,09E-37
PLGLB1	ENSG00000183281.14	1,48	4,555	-1,163	4,42E-34
ZNF436-AS1	ENSG00000249087.6	2,745	7,38	-1,162	1,04E-60
TNFRSF6B	ENSG00000243509.4	1,15	3,81	-1,162	2,08E-16
CDK3	ENSG00000250506.6	8	19,141	-1,162	4,46E-15
PPP1R3E	ENSG00000235194.8	9,2	21,805	-1,161	4,32E-37
RAB9B	ENSG00000123570.3	1,05	3,585	-1,161	2E-32

IL18R1	ENSG00000115604.10	0,625	2,63	-1,16	5,07E-49
TCTE3	ENSG00000184786.5	1,39	4,34	-1,16	4,83E-32
LAMB2	ENSG00000172037.13	167,538	375,728	-1,16	1,82E-28
EPS8	ENSG00000151491.12	8,14	19,43	-1,16	1,3E-23
CRMP1	ENSG00000072832.14	3,58	9,237	-1,16	7,43E-23
RRAD	ENSG00000166592.11	3,35	8,724	-1,16	3,21E-19
APBB1	ENSG00000166313.18	18,33	42,165	-1,159	9,36E-48
RP3-508I15.19	ENSG00000230149.2	0,55	2,46	-1,159	1,5E-35
RP11-373D23.3	ENSG00000270210.1	0,53	2,415	-1,158	4,52E-61
AP000473.8	ENSG00000270093.1	0,32	1,945	-1,158	9,34E-42
CCNI2	ENSG00000205089.7	0,925	3,295	-1,158	2,11E-39
FAM20A	ENSG00000108950.11	1,69	5,004	-1,158	3,01E-34
KNTC1	ENSG00000184445.11	3,25	8,485	-1,158	7,61E-29
WDR91	ENSG00000105875.13	5,715	13,97	-1,157	2,68E-45
IL4R	ENSG00000077238.13	15,374	35,51	-1,157	1,12E-35
PDE4C	ENSG00000105650.21	0,29	1,875	-1,156	1,07E-58
SPATA6	ENSG00000132122.11	1,88	5,42	-1,156	4,54E-34
CSRP1	ENSG00000159176.13	404,949	903,856	-1,156	2,64E-19
TEN1-CDK3	ENSG00000261408.5	1,54	4,66	-1,156	5,29E-15
CH507-42P11.8	ENSG00000275993.2	10,785	25,265	-1,156	5E-10
RRAS	ENSG00000126458.3	62,534	140,482	-1,155	5,92E-43
SYT8	ENSG00000149043.16	0,32	1,94	-1,155	1,72E-42
RGS9	ENSG00000108370.15	1,01	3,475	-1,155	2,79E-36
CEBPB	ENSG00000172216.5	17,47	40,09	-1,154	1,95E-38
APOBEC3G	ENSG00000239713.7	4,46	11,15	-1,154	4,16E-24
ABCC10	ENSG00000124574.14	8,735	20,654	-1,153	3,85E-47
MYO9B	ENSG00000099331.13	26,13	59,325	-1,153	7,1E-42
EPOR	ENSG00000187266.13	3,16	8,25	-1,153	3,66E-41
RP11-192H23.4	ENSG00000258472.8	0,76	2,915	-1,153	1,36E-40
GPC1	ENSG00000063660.8	24,82	56,435	-1,153	5,29E-36
ZCCHC24	ENSG00000165424.6	10,75	25,134	-1,153	1,73E-33
HMGNI1P3	ENSG00000258967.1	0,2	1,669	-1,153	1,09E-27
GSDMD	ENSG00000104518.10	33,035	74,684	-1,153	5,47E-27
BTN2A1	ENSG00000112763.15	8,53	20,18	-1,152	7,66E-55
RP11-399E6.4	ENSG00000229901.1	0,305	1,899	-1,152	1,04E-38
SPG20	ENSG00000133104.12	14,415	33,261	-1,152	3,88E-22
COQ10A	ENSG00000135469.13	6,8	16,325	-1,151	5,82E-54
RABL2A	ENSG00000144134.18	9,985	23,386	-1,151	9,11E-33
TRMU	ENSG00000100416.12	16,77	38,454	-1,151	5,21E-30
PLCD3	ENSG00000161714.11	10,925	25,485	-1,151	9,75E-26
RP11-481J2.4	ENSG00000276259.1	1,72	5,035	-1,15	6,71E-48
NAB2	ENSG00000166886.12	10,39	24,28	-1,15	2,85E-41
PIDD1	ENSG00000177595.17	9,095	21,4	-1,15	5,84E-39
LLNLR-268E12.1	ENSG00000276445.1	0,6	2,55	-1,15	4,09E-35
RASD2	ENSG00000100302.6	6,19	14,954	-1,15	1,47E-23
ACCS	ENSG00000110455.13	12,135	28,14	-1,15	2,83E-20

RHOJ	ENSG00000126785.12	2,99	7,85	-1,149	5,34E-32
PHLDB2	ENSG00000144824.19	7,835	18,595	-1,149	5,31E-18
RP3-329A5.8	ENSG00000272374.1	0,3	1,88	-1,148	4,34E-53
RP4-657D16.3	ENSG00000266993.3	0,505	2,335	-1,148	8,92E-37
MUS81	ENSG00000172732.11	24,305	55,048	-1,147	1,83E-55
RP11-106M3.2	ENSG00000260729.1	0,21	1,68	-1,147	1,81E-48
AC009948.5	ENSG00000223960.6	3,08	8,03	-1,146	5,72E-31
PON3	ENSG00000105852.10	0,16	1,565	-1,145	1,89E-55
PMS2P3	ENSG00000127957.16	3,485	8,915	-1,145	1,2E-31
RP11-106M3.3	ENSG00000261460.1	0,24	1,74	-1,144	3,78E-59
INAFM1	ENSG00000257704.3	9,725	22,694	-1,144	4,69E-46
NADSYN1	ENSG00000172890.11	30,48	68,559	-1,144	2,75E-42
TRIM47	ENSG00000132481.6	11,28	26,129	-1,144	6,74E-34
GJA1	ENSG00000152661.7	25,439	57,43	-1,144	1,11E-14
ERRFI1	ENSG00000116285.12	19,435	44,149	-1,144	5,35E-08
PLCE1	ENSG00000138193.14	1,105	3,65	-1,143	1,75E-41
PSMA3-AS1	ENSG00000257621.7	21,621	48,955	-1,143	1,21E-37
LUC7L3	ENSG00000108848.15	59,329	132,238	-1,143	4,6E-37
CTA-14H9.5	ENSG00000261353.1	3,4	8,715	-1,143	7,95E-33
MICALL2	ENSG00000164877.18	22,785	51,529	-1,143	7,89E-26
RHOB	ENSG00000143878.9	151,009	334,635	-1,143	2,54E-19
LINC00854	ENSG00000236383.7	0,43	2,155	-1,142	6,81E-51
SLC6A6	ENSG00000131389.16	2,495	6,715	-1,142	2,49E-30
PRKCA	ENSG00000154229.11	3,39	8,685	-1,142	7,55E-23
OGN	ENSG00000106809.10	9,325	21,78	-1,142	4,58E-10
MAGED4B	ENSG00000187243.16	9,95	23,15	-1,141	2,36E-06
RP3-333H23.9	ENSG00000280216.1	0,25	1,755	-1,14	1,03E-55
CLEC2B	ENSG00000110852.4	2,85	7,485	-1,14	9,8E-39
RP3-402G11.27	ENSG00000272836.1	0,81	2,99	-1,14	3,36E-37
CTD-2013N24.2	ENSG00000244513.6	1,375	4,23	-1,139	3,01E-46
EMILIN3	ENSG00000183798.4	1,84	5,254	-1,139	3,54E-33
NR4A1	ENSG00000123358.19	149,893	331,243	-1,139	4,11E-09
KB-1208A12.3	ENSG00000245970.2	1,92	5,425	-1,138	3,63E-29
PCOLCE	ENSG00000106333.12	34,415	76,914	-1,138	1,02E-22
SLCO2A1	ENSG00000174640.12	15,125	34,476	-1,138	1,28E-16
DDB2	ENSG00000134574.11	15,94	36,266	-1,137	1,02E-47
ABTB1	ENSG00000114626.17	19,6	44,304	-1,137	1,7E-47
RDH10	ENSG00000121039.9	6,43	15,345	-1,137	2,63E-18
CASQ1	ENSG00000143318.12	0,48	2,255	-1,137	1,26E-12
HCG4P7	ENSG00000230521.1	0,39	2,055	-1,136	1,3E-51
CBX7	ENSG00000100307.12	23,124	52,016	-1,136	4,21E-35
ZNF208	ENSG00000160321.14	0,52	2,34	-1,136	9,43E-34
RASA4B	ENSG00000170667.14	5,975	14,325	-1,136	2,27E-32
RPS6KL1	ENSG00000198208.11	1,37	4,21	-1,136	1,16E-27
SH3BP1	ENSG00000100092.20	3,635	9,18	-1,135	9,41E-36
DSE	ENSG00000111817.16	3,42	8,71	-1,135	2,49E-34

MBOAT1	ENSG00000172197.10	2,985	7,75	-1,135	3,15E-18
RP5-1024C24.1	ENSG00000254489.1	1,21	3,855	-1,135	7,5E-15
MAPK7	ENSG00000166484.19	6,85	16,225	-1,134	5,96E-45
ARHGEF19	ENSG00000142632.16	4,9	11,95	-1,134	4,5E-31
CCDC68	ENSG00000166510.13	1,11	3,63	-1,134	1,33E-27
RAD51-AS1	ENSG00000245849.6	5,99	14,345	-1,134	6,75E-21
HAND2	ENSG00000164107.8	0,19	1,61	-1,133	3,83E-43
TCEAL7	ENSG00000182916.7	2,72	7,16	-1,133	2,47E-31
TYK2	ENSG00000105397.13	50,11	111,106	-1,133	8,89E-28
SIX2	ENSG00000170577.7	0,91	3,19	-1,133	9,34E-25
ZEB1	ENSG00000148516.21	4,955	12,06	-1,133	1,3E-23
FHOD1	ENSG00000135723.13	12,22	27,99	-1,133	9,22E-23
KIRREL	ENSG00000183853.17	3,385	8,615	-1,133	1,21E-19
RP11-196G11.2	ENSG00000260911.2	0,43	2,135	-1,132	6,09E-39
C20orf194	ENSG00000088854.12	3,085	7,95	-1,132	3,15E-38
C1orf162	ENSG00000143110.11	3,63	9,145	-1,132	4,25E-27
ZNF692	ENSG00000171163.15	38,479	85,543	-1,132	3,09E-23
TCF21	ENSG00000118526.6	3,965	9,88	-1,132	5,28E-23
CTD-3128G10.6	ENSG00000269680.1	1,23	3,885	-1,131	5,73E-36
OSR2	ENSG00000164920.9	14,545	33,045	-1,131	1,57E-32
UPP1	ENSG00000183696.13	6,005	14,334	-1,13	2,77E-36
LHFPL2	ENSG00000145685.13	3,96	9,855	-1,13	1,69E-26
RP11-59C5.3	ENSG00000273599.1	0,47	2,215	-1,129	1,35E-36
GNAZ	ENSG00000128266.8	2,855	7,43	-1,129	2,98E-35
CTB-89H12.4	ENSG00000230551.4	6,02	14,35	-1,129	5,87E-14
ANKRD10	ENSG00000088448.14	54,445	120,145	-1,128	2,98E-25
SMG1P1	ENSG00000237296.9	2,625	6,924	-1,128	6,68E-17
KLF2	ENSG00000127528.5	11,685	26,719	-1,128	2,24E-15
AGPAT4	ENSG00000026652.13	0,74	2,8	-1,127	1,61E-58
RP11-206L10.1	ENSG00000224956.5	8,97	20,774	-1,127	3,5E-25
SYNPO	ENSG00000171992.12	15,285	34,575	-1,127	2,74E-24
MT1A	ENSG00000205362.10	3,825	9,54	-1,127	4,77E-09
TF	ENSG00000091513.14	2,475	6,59	-1,127	1,72E-08
RP11-295M3.4	ENSG00000277639.1	2,25	6,1	-1,127	5,19E-08
RP11-424G14.1	ENSG00000260197.1	0,54	2,36	-1,126	1,16E-47
KANK3	ENSG00000186994.11	2,31	6,225	-1,126	1,1E-43
RP3-402G11.28	ENSG00000273137.1	1,09	3,56	-1,126	2,6E-40
NAA16	ENSG00000172766.18	4,41	10,81	-1,126	7,29E-35
STAC2	ENSG00000141750.6	0,64	2,58	-1,126	1,96E-26
C1orf95	ENSG00000203685.9	1,06	3,495	-1,126	2,54E-19
MYLK	ENSG00000065534.18	138,586	303,667	-1,126	0,000309
LL21NC02-21A1.1	ENSG00000273796.1	0,63	2,555	-1,125	2,85E-65
EXOC3L4	ENSG00000205436.7	0,575	2,435	-1,125	6,73E-48
CAPN12	ENSG00000182472.8	0,58	2,445	-1,125	6,72E-26
EDNRA	ENSG00000151617.15	7,575	17,705	-1,125	1,48E-13
TSSC2	ENSG00000223756.6	0,31	1,855	-1,124	9,78E-69

KB-431C1.5	ENSG00000272037.1	0,335	1,91	-1,124	1,33E-44
EDA2R	ENSG00000131080.14	0,915	3,17	-1,123	6,04E-41
ATG4B	ENSG00000168397.16	40,165	88,686	-1,123	1,09E-32
DLC1	ENSG00000164741.14	2,61	6,86	-1,123	5,93E-16
GLDN	ENSG00000186417.13	0,165	1,535	-1,122	6,88E-73
RP11-284F21.11	ENSG00000272971.1	0,36	1,96	-1,122	4,6E-54
HLA-J	ENSG00000204622.10	0,79	2,895	-1,122	2,54E-38
RP3-416H24.1	ENSG00000257671.1	0,275	1,775	-1,122	9,61E-34
AC069213.1	ENSG00000224769.1	0,96	3,265	-1,122	3,78E-30
SERPINB1	ENSG00000021355.12	8,065	18,73	-1,122	1E-22
ZYX	ENSG00000159840.15	67,356	147,707	-1,121	6,59E-35
SPPL2B	ENSG00000005206.16	25,975	57,669	-1,121	2,04E-26
ANK2	ENSG00000145362.16	1,865	5,23	-1,121	1,63E-24
GPR161	ENSG00000143147.14	2,79	7,245	-1,121	5,72E-21
ETV4	ENSG00000175832.12	0,94	3,22	-1,121	0,000013
CHMP4BP1	ENSG00000258469.1	0,61	2,499	-1,12	1,63E-43
CAMK2G	ENSG00000148660.20	14,845	33,44	-1,12	1,22E-34
EFHC1	ENSG00000096093.14	5,28	12,649	-1,12	2,91E-28
RP11-401P9.4	ENSG00000261685.2	1,565	4,575	-1,12	1,44E-23
RP1-102E24.10	ENSG00000276718.1	0,71	2,715	-1,119	2,9E-52
DCST2	ENSG00000163354.14	1,505	4,44	-1,119	1,81E-33
NSUN5P2	ENSG00000106133.17	17,585	39,364	-1,119	1,24E-28
LAMB1	ENSG00000091136.13	16,365	36,715	-1,119	1,85E-22
AQP1	ENSG00000240583.10	44,884	98,67	-1,119	1,14E-14
ATXN7L2	ENSG00000162650.15	2,03	5,575	-1,118	2,98E-41
ZRANB2	ENSG00000132485.12	29,805	65,855	-1,118	3,62E-28
ZFP36L1	ENSG00000185650.9	78,639	171,854	-1,118	3,4E-23
RP11-58O9.2	ENSG00000279806.1	0,56	2,385	-1,118	2,44E-17
GGT6	ENSG00000167741.10	2,865	7,39	-1,118	4,97E-12
GPR35	ENSG00000178623.11	0,985	3,305	-1,117	1,26E-34
SNX29P2	ENSG00000271699.5	0,34	1,905	-1,116	2,67E-51
SV2A	ENSG00000159164.9	1,1	3,55	-1,116	1,13E-44
A4GALT	ENSG00000128274.15	13,95	31,394	-1,116	1,12E-42
RP11-252A24.2	ENSG00000214331.8	1,42	4,245	-1,116	1,47E-37
CNTNAP3B	ENSG00000154529.14	1,185	3,735	-1,116	7,25E-29
PRPS1P2	ENSG00000232630.1	0,54	2,335	-1,115	9,9E-45
AC003973.3	ENSG00000279377.1	0,14	1,47	-1,115	1,09E-44
SMIM10L2B	ENSG00000196972.7	1,08	3,505	-1,115	4,46E-31
DDX11	ENSG00000013573.16	8,79	20,205	-1,115	1,01E-23
RP11-386I14.4	ENSG00000273338.1	1,1	3,55	-1,115	6,87E-16
LYSMD4	ENSG00000183060.15	3,13	7,94	-1,114	5,56E-58
TRABD2B	ENSG00000269113.3	0,7	2,68	-1,114	1,8E-47
SELM	ENSG00000198832.10	139,763	303,646	-1,114	1,58E-35
RASIP1	ENSG00000105538.8	3,74	9,26	-1,114	1,67E-35
SNPH	ENSG00000101298.13	2,09	5,69	-1,114	5,45E-32
NBPF26	ENSG00000273136.5	2,84	7,31	-1,114	1,11E-11

NTF3	ENSG00000185652.11	1,06	3,455	-1,113	2,03E-48
RNF166	ENSG00000158717.10	8,05	18,57	-1,113	6,54E-42
PGR	ENSG00000082175.14	0,57	2,395	-1,113	4,32E-40
ATP1B2	ENSG00000129244.8	1,305	3,985	-1,113	8,23E-39
HSF4	ENSG00000102878.15	48,605	106,274	-1,113	3,47E-14
MICAL3	ENSG00000243156.7	7,145	16,619	-1,113	8,91E-14
C1QTNF4	ENSG00000172247.3	0,3	1,81	-1,112	2,27E-59
INPP5B	ENSG00000204084.12	3,87	9,524	-1,112	4,31E-51
MYO18A	ENSG00000196535.14	15,03	33,649	-1,112	5,54E-35
CD200	ENSG00000091972.18	3,755	9,28	-1,112	8,8E-29
SRPX2	ENSG00000102359.5	1,47	4,34	-1,112	3,19E-21
F10	ENSG00000126218.11	4,255	10,36	-1,112	2,42E-20
RNF175	ENSG00000145428.14	0,63	2,52	-1,111	2,41E-57
AC116366.6	ENSG00000234290.2	0,38	1,98	-1,111	9,66E-47
AC005154.7	ENSG00000244480.1	0,44	2,11	-1,111	2,15E-44
C1orf106	ENSG00000163362.10	2,43	6,41	-1,111	1,47E-23
FBXL7	ENSG00000183580.9	4,855	11,635	-1,11	3,19E-41
RTEL1	ENSG00000258366.7	5,33	12,665	-1,11	1,54E-37
STAT2	ENSG00000170581.13	36,036	78,951	-1,11	4,19E-18
CCL23	ENSG00000274736.4	1,47	4,33	-1,11	4,69E-13
CSF1	ENSG00000184371.13	7,005	16,27	-1,109	8,61E-28
ZZEF1	ENSG00000074755.14	6,785	15,795	-1,109	3,3E-18
PIK3R1	ENSG00000145675.14	10,69	24,21	-1,109	2,6E-11
ABCA9	ENSG00000154258.16	0,26	1,715	-1,108	3,73E-47
DHX35	ENSG00000101452.14	4,385	10,61	-1,108	2,33E-37
RP11-540B6.6	ENSG00000270015.1	2,935	7,48	-1,108	1,42E-26
SRPK3	ENSG00000184343.10	1,73	4,885	-1,108	3,07E-21
LAMA3	ENSG00000053747.15	8,055	18,515	-1,108	2,68E-13
KLC1	ENSG00000126214.20	40,645	88,707	-1,107	2,53E-54
DLGAP1-AS2	ENSG00000262001.1	1,365	4,095	-1,107	5,4E-44
FAIM2	ENSG00000135472.8	3,63	8,97	-1,107	3,13E-20
FZD10-AS1	ENSG00000250208.6	4,93	11,769	-1,107	2,7E-18
RP11-645C24.5	ENSG00000260306.1	0,25	1,69	-1,106	9,61E-54
UBXN11	ENSG00000158062.20	12,1	27,2	-1,106	1,75E-36
CCDC17	ENSG00000159588.14	0,535	2,305	-1,106	6,24E-32
KIT	ENSG00000157404.15	1,27	3,885	-1,106	2,5E-27
RN7SK	ENSG00000202198.1	21,29	46,99	-1,106	6,05E-10
GSTT2B	ENSG00000133433.10	14,47	32,31	-1,106	0,0000465
RP11-408A13.4	ENSG00000272871.1	0,45	2,12	-1,105	1,16E-46
CYP4F22	ENSG00000171954.12	0,26	1,71	-1,105	1,3E-24
NCS1	ENSG00000107130.9	11,775	26,479	-1,105	3,46E-24
C10orf82	ENSG00000165863.16	0,105	1,375	-1,104	6,13E-45
ZNF251	ENSG00000198169.8	7,93	18,2	-1,104	6,71E-27
RP11-1277A3.1	ENSG00000247679.2	0,95	3,19	-1,103	1,49E-49
CCDC178	ENSG00000166960.16	1,105	3,52	-1,103	5,63E-34
ADGRB1	ENSG00000181790.10	0,39	1,985	-1,103	1,06E-30

ADM5	ENSG00000224420.3	0,71	2,67	-1,102	1,65E-38
SPARCL1	ENSG00000152583.12	144,076	310,445	-1,102	1,1E-16
PID1	ENSG00000153823.18	7,05	16,28	-1,102	7,67E-16
RP11-473M20.9	ENSG00000262370.5	0,27	1,725	-1,101	8E-57
TSNAXIP1	ENSG00000102904.14	0,72	2,69	-1,101	2,02E-53
TMEM259	ENSG00000182087.12	88,861	191,725	-1,101	1,84E-38
COL4A4	ENSG00000081052.11	0,79	2,84	-1,101	2,2E-36
TGFBR2	ENSG00000163513.17	16,1	35,69	-1,101	1,77E-16
COL5A2	ENSG00000204262.11	4,19	10,135	-1,101	4,85E-11
CXXC1	ENSG00000154832.14	39,021	84,814	-1,1	8,96E-42
ARHGEF28	ENSG00000214944.9	2,33	6,14	-1,1	9,28E-33
MTSS1L	ENSG00000132613.14	17,295	38,206	-1,1	8,47E-22
BMP5	ENSG00000112175.7	0,08	1,315	-1,1	8,79E-14
ITGA3	ENSG00000005884.17	18,955	41,734	-1,099	3,88E-28
HNRNPA1P7	ENSG00000215492.6	0,51	2,235	-1,099	5,41E-19
HLF	ENSG00000108924.13	3,695	9,06	-1,099	2E-17
RP11-326G21.1	ENSG00000272755.1	1,02	3,325	-1,098	1,35E-47
USHBP1	ENSG00000130307.11	1,025	3,335	-1,098	6,41E-42
AC024937.6	ENSG00000231443.2	0,45	2,105	-1,098	1,45E-34
RERG	ENSG00000134533.6	5,69	13,32	-1,098	2,85E-31
JAG2	ENSG00000184916.8	10,51	23,632	-1,098	1,85E-22
FST	ENSG00000134363.11	3,855	9,395	-1,098	4,33E-17
ME3	ENSG00000151376.16	10,42	23,445	-1,098	6,17E-17
LINC01176	ENSG00000281404.1	1,32	3,964	-1,097	5,03E-38
RP11-73M18.8	ENSG00000269958.1	5,715	13,36	-1,097	1,23E-35
PLSCR4	ENSG00000114698.14	4,27	10,275	-1,097	1,37E-25
CICP14	ENSG00000281490.1	2,685	6,885	-1,097	2,89E-16
RP11-496H1.1	ENSG00000249626.1	1,3	3,92	-1,097	7E-16
MKX-AS1	ENSG00000230500.1	0,6	2,42	-1,096	1,54E-38
UCKL1	ENSG00000198276.13	25,916	56,545	-1,096	2,7E-32
USF1	ENSG00000158773.14	27,199	59,239	-1,095	1,23E-56
RP11-278C7.4	ENSG00000276148.1	1,5	4,34	-1,095	8,92E-43
CAPN10	ENSG00000142330.19	12,375	27,58	-1,095	6,07E-33
SPRY2	ENSG00000136158.10	9,03	20,428	-1,095	7,61E-31
STAT6	ENSG00000166888.10	70,382	151,491	-1,095	7,64E-28
RP4-758J18.13	ENSG00000272455.1	1,69	4,745	-1,095	5,6E-23
SERPINF2	ENSG00000167711.13	7,145	16,4	-1,095	2,56E-17
CAPN6	ENSG00000077274.8	1,17	3,634	-1,095	1,22E-10
ZBTB17	ENSG00000116809.11	18,97	41,635	-1,094	1,87E-37
LRFN4	ENSG00000173621.8	3,215	7,999	-1,094	3,56E-28
SERPING1	ENSG00000149131.15	125,222	268,531	-1,094	9,71E-22
ENG	ENSG00000106991.13	36,344	78,71	-1,094	2,25E-19
SLFN12	ENSG00000172123.12	0,77	2,775	-1,093	2,34E-38
TMEM88	ENSG00000167874.6	6,745	15,519	-1,093	8,57E-29
RP11-108M9.4	ENSG00000238142.1	4,745	11,255	-1,093	8,85E-27
ACTA2	ENSG00000107796.12	849,664	1813,737	-1,093	5,36E-12

STARD5	ENSG00000172345.13	6,05	14,03	-1,092	1,52E-50
RP13-554M15.2	ENSG00000279700.1	0,215	1,59	-1,092	3,35E-47
CUL9	ENSG00000112659.13	17,905	39,312	-1,092	5,53E-40
TNFRSF10D	ENSG00000173530.5	1,04	3,35	-1,092	8,97E-40
RNF152	ENSG00000176641.10	1,52	4,37	-1,092	2,76E-26
MTND2P28	ENSG00000225630.1	192,15	410,801	-1,092	1,51E-06
FAM150B	ENSG00000189292.15	0,46	2,11	-1,091	7,05E-39
RAB40A	ENSG00000172476.3	0,645	2,505	-1,091	6,1E-34
C14orf159	ENSG00000133943.20	15,62	34,415	-1,091	7,93E-24
RP5-1160K1.6	ENSG00000228703.1	0,2	1,555	-1,09	1,63E-49
NPTN-IT1	ENSG00000281183.1	0,24	1,639	-1,09	9,13E-46
ZNF711	ENSG00000147180.16	0,67	2,555	-1,09	1,58E-37
BCL11A	ENSG00000119866.20	2,97	7,45	-1,09	3,81E-14
CSPG4P10	ENSG00000276710.4	3,425	8,422	-1,09	2,07E-12
TMEM132C	ENSG00000181234.9	0,26	1,68	-1,089	1,3E-46
LOXL3	ENSG00000115318.11	1,19	3,66	-1,089	2,88E-40
RBMS2	ENSG00000076067.11	4	9,64	-1,089	9,43E-32
NRG1	ENSG00000157168.18	0,49	2,17	-1,089	1,14E-29
LINC01451	ENSG00000279141.3	0,11	1,36	-1,088	6,39E-51
ODF2L	ENSG00000122417.15	9,28	20,849	-1,088	3,16E-32
AC008746.12	ENSG00000267838.2	1,19	3,655	-1,088	4,77E-28
GLI2	ENSG00000074047.20	0,645	2,495	-1,087	8,5E-37
AC018462.3	ENSG00000242735.1	0	1,125	-1,087	6,27E-30
IFITM2	ENSG00000185201.16	132,545	282,674	-1,087	2,83E-22
RBM33	ENSG00000184863.10	7,29	16,613	-1,087	2,53E-21
HMG2P15	ENSG00000214578.5	1,85	5,055	-1,087	2,4E-18
ADAMTS2	ENSG00000087116.13	2,115	5,615	-1,087	7,4E-16
TEAD3	ENSG00000007866.18	22,145	48,125	-1,086	4,03E-45
ZNF600	ENSG00000189190.8	3,06	7,62	-1,086	3,77E-42
C1QL1	ENSG00000131094.3	0,26	1,675	-1,086	7,87E-35
PIEZO2	ENSG00000154864.11	1,16	3,585	-1,086	6,2E-28
NPR1	ENSG00000169418.9	1,34	3,965	-1,085	3,77E-45
PRDM5	ENSG00000138738.10	1,51	4,325	-1,085	1,19E-37
MCCC1-AS1	ENSG00000243368.2	0,64	2,479	-1,085	2,73E-34
HOXB-AS1	ENSG00000230148.8	0,88	2,985	-1,084	3,25E-48
WNT2B	ENSG00000134245.17	1,38	4,045	-1,084	1,94E-25
CCDC8	ENSG00000169515.5	2,665	6,77	-1,084	2,8E-23
SLIT3	ENSG00000184347.14	2,46	6,335	-1,084	2,76E-20
MFAP4	ENSG00000166482.11	60,574	129,534	-1,084	2,78E-14
SZT2	ENSG00000198198.13	7,255	16,49	-1,083	1,65E-38
MSTO2P	ENSG00000203761.5	1,14	3,535	-1,083	4,27E-31
MAP1A	ENSG00000166963.12	1,525	4,35	-1,083	4,89E-24
RP11-517I3.2	ENSG00000279118.1	0,66	2,515	-1,082	3,56E-60
ISL2	ENSG00000159556.9	0,32	1,795	-1,082	1,82E-49
SLC25A34	ENSG00000162461.7	0,39	1,94	-1,081	1,54E-56
CAMK1G	ENSG00000008118.9	0,56	2,3	-1,081	5,9E-43

GTF2IRD2B	ENSG00000174428.16	16,505	36,036	-1,081	3,4E-39
ZNF169	ENSG00000175787.16	1,24	3,74	-1,081	2,31E-32
RCN3	ENSG00000142552.7	9,365	20,93	-1,081	4,08E-23
RP11-1228E12.1	ENSG00000280279.1	2,29	5,96	-1,081	7,79E-23
PTPRZ1	ENSG00000106278.11	0,385	1,93	-1,081	1,09E-19
HPD	ENSG00000158104.11	0,315	1,78	-1,08	9,87E-47
TLR2	ENSG00000137462.6	1,14	3,523	-1,08	5,63E-37
CAND2	ENSG00000144712.11	1,115	3,47	-1,08	7,11E-35
FGFR4	ENSG00000160867.14	1,16	3,565	-1,08	6,03E-30
NT5E	ENSG00000135318.11	3,535	8,585	-1,08	2,33E-29
NPTX2	ENSG00000106236.3	1,2	3,65	-1,08	1,78E-21
CALML6	ENSG00000169885.9	0,28	1,705	-1,079	2,31E-46
RSRP1	ENSG00000117616.17	61,396	130,797	-1,079	5,35E-23
SNORA59B	ENSG00000266079.4	0,28	1,705	-1,079	2,44E-15
NOD1	ENSG00000106100.10	1,95	5,23	-1,078	1,42E-42
ZNF185	ENSG00000147394.18	8,86	19,819	-1,078	5,73E-14
PIP5KL1	ENSG00000167103.11	0,77	2,735	-1,077	1,65E-62
CDHR1	ENSG00000148600.14	0,325	1,795	-1,077	6,53E-62
GBAP1	ENSG00000160766.14	1,85	5,013	-1,077	1,74E-49
CLPS	ENSG00000137392.9	0	1,11	-1,077	9,73E-46
CCDC88A	ENSG00000115355.15	2,13	5,605	-1,077	1,65E-34
RNF217	ENSG00000146373.16	1,92	5,16	-1,077	1,41E-30
INTS3	ENSG00000143624.13	24,34	52,463	-1,077	2,28E-26
CTRB1	ENSG00000168925.10	0,08	1,278	-1,077	1,01E-23
RPS2P7	ENSG00000235508.3	1,01	3,24	-1,077	1,11E-16
PTRF	ENSG00000177469.12	79,748	169,253	-1,076	3,13E-19
SRSF11	ENSG00000116754.13	64,35	136,787	-1,076	1,96E-18
CPLX1	ENSG00000168993.14	3,505	8,499	-1,076	5,71E-15
RP11-73M7.6	ENSG00000235790.7	0,08	1,275	-1,075	4,57E-62
RP11-304L19.1	ENSG00000259933.6	0,21	1,55	-1,075	1,06E-51
TMEM262	ENSG00000187066.8	0,5	2,16	-1,075	6,09E-49
RP3-508I15.9	ENSG00000228274.3	2,085	5,499	-1,075	1,98E-42
FAM132A	ENSG00000184163.3	0,65	2,475	-1,075	3,3E-41
RCAN2	ENSG00000172348.14	6,315	14,408	-1,075	2,64E-22
CDK10	ENSG00000185324.21	41,344	88,134	-1,074	2,75E-31
RP11-589N15.2	ENSG00000269899.1	0,415	1,98	-1,074	8,16E-31
ITGB1BP2	ENSG00000147166.10	1,585	4,44	-1,073	1,53E-31
CLU	ENSG00000120885.19	429,554	904,639	-1,073	2,3E-18
MGP	ENSG00000111341.9	578,911	1219,141	-1,073	1,8E-13
RP11-97C16.1	ENSG00000271870.1	8,2	18,355	-1,073	6,16E-13
FABP3	ENSG00000121769.7	19,53	42,203	-1,073	1,22E-10
DGKH	ENSG00000102780.16	0,52	2,195	-1,072	7,85E-56
KANK1	ENSG00000107104.18	18,65	40,314	-1,072	2,09E-32
ZNF789	ENSG00000198556.13	9,93	21,975	-1,072	1,31E-28
ZNF423	ENSG00000102935.11	2,12	5,56	-1,072	1,56E-24
KDR	ENSG00000128052.8	4,425	10,405	-1,072	1,25E-09

TOX2	ENSG00000124191.17	3,985	9,475	-1,071	3,75E-14
RP11-379F4.1	ENSG00000243675.1	0	1,1	-1,07	1,41E-57
IQCA1	ENSG00000132321.16	0,6	2,36	-1,07	6,85E-50
TTLL4	ENSG00000135912.10	10,975	24,148	-1,07	6,96E-28
EGFL7	ENSG00000172889.15	26,385	56,484	-1,07	3,1E-17
HECTD2	ENSG00000165338.16	4,18	9,87	-1,069	6,57E-32
TMEM40	ENSG00000088726.15	0,945	3,08	-1,069	5,97E-28
RP11-1055B8.9	ENSG00000275966.1	0,475	2,095	-1,069	6,79E-26
ITGB3	ENSG00000259207.7	1,09	3,385	-1,069	9,17E-20
ESAM	ENSG00000149564.11	10,345	22,805	-1,069	1,27E-15
RP3-453C12.15	ENSG00000277022.1	0,14	1,39	-1,068	8,31E-46
IGHMBP2	ENSG00000132740.8	10,33	22,75	-1,068	2,81E-34
SYNGR1	ENSG00000100321.14	14,235	30,94	-1,068	2,35E-31
LPAR6	ENSG00000139679.15	22,515	48,291	-1,068	4,82E-24
SCARNA12	ENSG00000238795.1	0,66	2,48	-1,068	2,4E-20
IER3	ENSG00000137331.11	19,35	41,662	-1,068	4,21E-20
KRT17	ENSG00000128422.15	73,345	154,835	-1,068	4,93E-07
TRIM45	ENSG00000134253.9	2,72	6,795	-1,067	2,2E-43
REV3L	ENSG00000009413.15	4,855	11,265	-1,067	4,43E-39
A1BG-AS1	ENSG00000268895.5	1,05	3,295	-1,067	4,4E-38
RP11-274B21.12	ENSG00000229413.2	7,21	16,2	-1,067	3,15E-22
CHST15	ENSG00000182022.17	3,82	9,095	-1,067	7,31E-20
RPL29P14	ENSG00000241112.1	0,835	2,845	-1,067	7,52E-17
SLC25A28	ENSG00000155287.10	35,43	75,279	-1,066	1,36E-57
RXRB	ENSG00000204231.10	24,734	52,877	-1,066	3,1E-41
NT5DC2	ENSG00000168268.10	37,29	79,14	-1,066	1E-33
ELF4	ENSG00000102034.16	2,03	5,345	-1,066	1,4E-30
DNAJB5	ENSG00000137094.14	9,565	21,119	-1,066	9,86E-18
OLFML2A	ENSG00000185585.19	2,43	6,18	-1,066	1,19E-17
ADD3	ENSG00000148700.13	13,845	30,07	-1,066	1,3E-14
RP11-722E23.2	ENSG00000272338.2	1,075	3,34	-1,065	4,23E-55
PBX4	ENSG00000105717.13	1,06	3,31	-1,065	1,12E-39
TSLP	ENSG00000145777.14	0,85	2,869	-1,065	1,26E-27
GGA2	ENSG00000103365.15	26,67	56,881	-1,065	9,2E-27
IGF2	ENSG00000167244.17	3,455	8,318	-1,065	1,04E-14
RP11-311C24.1	ENSG00000260772.1	17,73	38,159	-1,064	2,56E-32
TTC28	ENSG00000100154.14	2,405	6,12	-1,064	1,95E-23
CXorf36	ENSG00000147113.16	3,695	8,815	-1,064	1,5E-16
STX2	ENSG00000111450.13	2,96	7,275	-1,063	1,78E-39
RP11-554A11.4	ENSG00000261625.1	0,78	2,72	-1,063	8,39E-36
CLEC1A	ENSG00000150048.10	1,305	3,815	-1,063	4,52E-34
RP11-510N19.5	ENSG00000249007.1	1,585	4,399	-1,063	1,69E-20
KRBOX1	ENSG00000240747.7	1,7	4,64	-1,063	6,01E-16
RP5-1024N4.4	ENSG00000272491.1	0,08	1,255	-1,062	7,51E-72
INPP5E	ENSG00000148384.11	4,44	10,36	-1,062	1,91E-38
NXF1	ENSG00000162231.13	60,26	126,93	-1,062	1,93E-38

RASSF5	ENSG00000266094.6	4,305	10,075	-1,062	1,37E-25
ARHGAP27	ENSG00000159314.11	9,405	20,725	-1,062	1,9E-21
TRIB2	ENSG00000071575.11	13,625	29,544	-1,062	7,37E-16
C12orf75	ENSG00000235162.8	29,775	63,269	-1,062	5,29E-15
KCNAB1	ENSG00000169282.17	2,57	6,454	-1,062	3,05E-10
RP11-574K11.32	ENSG00000279689.1	1,21	3,61	-1,061	7,89E-12
PHYHD1	ENSG00000175287.18	25,671	54,634	-1,061	2,05E-08
LINC00908	ENSG00000263812.5	0,6	2,335	-1,06	1,77E-46
RP11-1191J2.5	ENSG00000272927.1	0,47	2,065	-1,06	7,46E-40
RASGRF2	ENSG00000113319.11	1,235	3,66	-1,06	3,49E-39
RFPL3S	ENSG00000205853.10	0,72	2,585	-1,06	8,27E-31
SALL3	ENSG00000256463.8	1,51	4,235	-1,06	3,51E-08
RP11-326C3.7	ENSG00000254910.1	1,22	3,625	-1,059	2,78E-41
AC113188.2	ENSG00000279535.1	1,47	4,145	-1,059	1,12E-31
SCHIP1	ENSG00000151967.18	0,99	3,145	-1,059	1,54E-26
AC010761.9	ENSG00000265474.1	0,79	2,73	-1,059	2,2E-22
MATN2	ENSG00000132561.13	36,146	76,399	-1,059	4,72E-15
LLOXNC01-240C2.1	ENSG00000235946.1	0,27	1,645	-1,058	2,74E-63
CTD-3157E16.2	ENSG00000276855.1	7,81	17,345	-1,058	1,92E-32
HEXDC	ENSG00000169660.15	30,68	64,939	-1,058	5,75E-28
PLIN5	ENSG00000214456.8	5,74	13,03	-1,058	1,02E-14
AF001548.3	ENSG00000280429.1	0,05	1,185	-1,057	3,25E-67
RP11-574K11.31	ENSG00000272916.5	0,6	2,33	-1,057	2,6E-38
ASXL1	ENSG00000171456.16	14,71	31,679	-1,057	1,04E-20
TVP23A	ENSG00000166676.14	0,76	2,66	-1,056	1,07E-58
ELANE	ENSG00000197561.6	0,21	1,515	-1,056	1,51E-52
SPG7	ENSG00000197912.13	36,106	76,124	-1,056	3,96E-43
LRP4	ENSG00000134569.9	1,84	4,905	-1,056	6,87E-31
LRRC32	ENSG00000137507.11	11,02	23,99	-1,056	3,87E-17
MBL1P	ENSG00000242600.6	0,49	2,095	-1,055	2,63E-46
CTC-510F12.2	ENSG00000267082.1	0,515	2,145	-1,054	1,25E-59
ADA	ENSG00000196839.12	1,75	4,71	-1,054	2E-47
INHA	ENSG00000123999.4	0,44	1,99	-1,054	5,18E-43
DONSON	ENSG00000159147.17	4,615	10,655	-1,054	1,33E-30
ZNF439	ENSG00000171291.8	2,36	5,975	-1,054	1,56E-22
KIAA0513	ENSG00000135709.12	3,645	8,645	-1,054	9,34E-17
FLRT3	ENSG00000125848.9	3,82	9,005	-1,054	0,0000274
SHF	ENSG00000138606.19	4,02	9,415	-1,053	1,26E-50
RP11-1109F11.3	ENSG00000271327.1	0,47	2,05	-1,053	5,92E-40
COLQ	ENSG00000206561.12	1,395	3,97	-1,053	2,04E-38
CLHC1	ENSG00000162994.15	4,53	10,47	-1,053	1,11E-31
RP3-461P17.10	ENSG00000269549.2	0,49	2,09	-1,052	4,41E-55
RP11-486G15.2	ENSG00000271576.1	0,99	3,125	-1,052	4,44E-44
RP11-285J16.1	ENSG00000271993.1	0,37	1,84	-1,052	8,77E-41
APOBEC3D	ENSG00000243811.7	0,905	2,95	-1,052	1,33E-39
MECOM	ENSG00000085276.17	2,565	6,389	-1,052	4,26E-24

DLEC1	ENSG00000008226.19	0,34	1,775	-1,05	1,88E-44
RP11-527J8.1	ENSG00000273306.1	0,78	2,685	-1,05	1,67E-40
FOSL2	ENSG00000075426.11	18,699	39,774	-1,05	2,65E-14
MEG9	ENSG00000223403.3	0,08	1,235	-1,049	2,42E-63
B3GNT8	ENSG00000177191.2	1,255	3,665	-1,049	1,38E-37
DUS3L	ENSG00000141994.15	17,745	37,795	-1,049	1,98E-33
ZNF700	ENSG00000196757.7	5,135	11,69	-1,049	5,65E-27
SPATA18	ENSG00000163071.10	1,65	4,484	-1,049	8,17E-21
RP5-1039K5.12	ENSG00000278948.1	3,69	8,695	-1,048	3,17E-32
FBLN5	ENSG00000140092.14	21,5	45,523	-1,048	4,82E-14
RP11-441O15.3	ENSG00000224934.2	0,36	1,81	-1,047	5,2E-53
CTD-2012K14.6	ENSG00000261386.2	0,29	1,665	-1,047	5,15E-38
SBF1	ENSG00000100241.20	21,08	44,618	-1,047	1,14E-28
GLT8D2	ENSG00000120820.12	4,475	10,31	-1,047	5,77E-24
PCDH7	ENSG00000169851.15	2,89	7,04	-1,047	1,51E-10
TPSB2	ENSG00000197253.13	19,59	41,55	-1,047	7,37E-08
WDR59	ENSG00000103091.14	18,36	38,98	-1,046	1,34E-29
GLI1	ENSG00000111087.9	1,35	3,853	-1,046	1,69E-25
FMO2	ENSG00000094963.13	1,23	3,605	-1,046	1,72E-16
AOC3	ENSG00000131471.6	23,9	50,404	-1,046	1,36E-12
RP11-325L12.6	ENSG00000277351.1	0,325	1,735	-1,045	4,26E-63
FAM184A	ENSG00000111879.18	1,545	4,25	-1,045	1,44E-44
ZNF596	ENSG00000172748.12	2,21	5,625	-1,045	2,2E-33
CTD-2089N3.1	ENSG00000250360.1	1,13	3,395	-1,045	3,38E-30
RP11-20G6.3	ENSG00000260566.2	0,255	1,59	-1,045	1E-26
RP11-488L18.10	ENSG00000259865.1	4,125	9,575	-1,045	2,6E-25
FAM157C	ENSG00000260528.3	1,39	3,93	-1,045	3,94E-16
RP11-274B21.14	ENSG00000242588.5	2,005	5,2	-1,045	1,55E-14
OVCH2	ENSG00000183378.11	0,05	1,165	-1,044	8,59E-53
CTTNBP2	ENSG00000077063.10	0,93	2,979	-1,044	6,47E-45
CDH19	ENSG00000071991.8	0,2	1,475	-1,044	1,26E-41
RP3-402G11.25	ENSG00000273188.1	0,78	2,67	-1,044	2,87E-40
ASCL2	ENSG00000183734.4	0,625	2,35	-1,044	5,75E-12
MUC12	ENSG00000205277.9	4,865	11,09	-1,044	0,00313
NYAP1	ENSG00000166924.8	0,31	1,7	-1,043	9,52E-72
ADAMTS8	ENSG00000134917.9	1,79	4,75	-1,043	3,21E-29
RAB31	ENSG00000168461.12	7,74	16,999	-1,042	1,1E-22
PALLD	ENSG00000129116.17	58,484	121,477	-1,042	1,37E-14
TSPAN4	ENSG00000214063.10	23,695	49,831	-1,041	8,43E-32
RP11-228M15.1	ENSG00000274471.1	1,06	3,24	-1,041	2,02E-25
GRIA3	ENSG00000125675.17	0,32	1,715	-1,04	2,02E-21
NDST2	ENSG00000166507.16	11,225	24,14	-1,04	2,46E-21
ZFP36L2	ENSG00000152518.6	51,963	107,876	-1,04	2,72E-18
RP11-798M19.6	ENSG00000272870.1	2,605	6,41	-1,039	5,96E-55
SUPT7L	ENSG00000119760.15	14,95	31,765	-1,039	5,23E-37
CTD-2516F10.2	ENSG00000251364.6	1,395	3,92	-1,039	1,96E-32

PACS2	ENSG00000179364.13	24,91	52,205	-1,038	9,82E-44
ZGLP1	ENSG00000220201.7	3,195	7,616	-1,038	8,94E-27
LINC01237	ENSG00000233806.7	0,97	3,045	-1,038	1,94E-18
RP13-514E23.2	ENSG00000273389.1	0,06	1,175	-1,037	1,45E-45
CABYR	ENSG00000154040.20	1	3,105	-1,037	1,3E-38
RBM19	ENSG00000122965.10	10,59	22,775	-1,037	2,94E-35
EXD3	ENSG00000187609.15	12,64	26,99	-1,037	4,61E-32
DTX4	ENSG00000110042.7	2,42	6,015	-1,036	1,08E-24
GALNT15	ENSG00000131386.17	0,43	1,93	-1,035	2,61E-36
RP3-331H24.7	ENSG00000279312.1	0,74	2,565	-1,035	5,99E-30
UNC5B	ENSG00000107731.12	3,515	8,25	-1,035	8,36E-23
AC131097.4	ENSG00000216921.7	1,16	3,425	-1,035	2,05E-10
ITGA8	ENSG00000077943.7	4,785	10,85	-1,035	2,36E-10
RP11-361L15.3	ENSG00000280416.1	7,105	15,605	-1,035	1,78E-09
FAM219A	ENSG00000164970.14	6,445	14,24	-1,034	1,1E-23
AMIGO2	ENSG00000139211.6	3,435	8,079	-1,034	8,03E-19
SLC39A13	ENSG00000165915.13	24,895	51,996	-1,033	1,82E-44
ZNF663P	ENSG00000215452.3	0,84	2,765	-1,033	1,38E-42
CPEB1	ENSG00000214575.9	0,65	2,375	-1,032	2,92E-48
RNF165	ENSG00000141622.13	0,685	2,445	-1,032	3,42E-34
SMTNL2	ENSG00000188176.11	0,35	1,76	-1,032	1,76E-30
FADS3	ENSG00000221968.8	10,07	21,625	-1,031	1,23E-39
C3orf18	ENSG00000088543.14	4,525	10,29	-1,031	8,36E-33
ADCY10P1	ENSG00000161912.17	1,05	3,19	-1,031	2,86E-29
RP11-849H4.4	ENSG00000251143.1	0,32	1,695	-1,03	6,26E-40
HCN3	ENSG00000143630.9	1,175	3,44	-1,03	1,7E-38
CLK4	ENSG00000113240.12	10,995	23,49	-1,03	6,45E-31
EVC2	ENSG00000173040.12	0,94	2,96	-1,029	7,66E-51
DCUN1D4	ENSG00000109184.14	7,805	16,965	-1,029	1,72E-38
SCARNA9	ENSG00000254911.3	0,96	3	-1,029	5,9E-23
CXCL2	ENSG00000081041.8	2,4	5,94	-1,029	0,0000766
MIR503HG	ENSG00000223749.7	0,27	1,59	-1,028	1,97E-57
RP11-1109F11.5	ENSG00000271259.1	0,29	1,63	-1,028	8,17E-47
TJAP1	ENSG00000137221.14	16,03	33,719	-1,028	2,17E-40
FCGR2C	ENSG00000244682.7	0,89	2,855	-1,028	2,48E-26
RSPO3	ENSG00000146374.13	1,81	4,73	-1,028	7,15E-13
DBF4B	ENSG00000161692.17	2,48	6,09	-1,027	1,07E-35
KIF7	ENSG00000166813.14	2,48	6,09	-1,027	9,55E-32
VAV3	ENSG00000134215.15	1,485	4,065	-1,027	1,38E-17
ANO1	ENSG00000131620.17	7,8	16,935	-1,027	1,74E-16
NBL1	ENSG00000158747.13	189,702	387,579	-1,027	1,87E-11
MYL3	ENSG00000160808.9	0,31	1,67	-1,027	4,64E-08
SLC16A2	ENSG00000147100.9	3,89	8,96	-1,026	1,07E-20
PAMR1	ENSG00000149090.11	7,17	15,639	-1,026	3,19E-12
COL4A2	ENSG00000134871.17	50,584	104,039	-1,026	5,29E-11
RP11-1334A24.5	ENSG00000279821.1	0,14	1,32	-1,025	6,82E-70

HOXA2	ENSG00000105996.6	0,275	1,595	-1,025	3,87E-69
NAALAD2	ENSG00000077616.10	0,42	1,89	-1,025	1,15E-40
CENPJ	ENSG00000151849.14	2,25	5,615	-1,025	9,03E-36
GNG11	ENSG00000127920.5	6,025	13,295	-1,025	1,2E-35
SLFN13	ENSG00000154760.13	0,85	2,765	-1,025	5,47E-31
SOBP	ENSG00000112320.11	3,34	7,83	-1,025	2,61E-13
CARTPT	ENSG00000164326.4	0,51	2,074	-1,025	1,97E-07
C1orf159	ENSG00000131591.17	6,48	14,21	-1,024	8,74E-45
RIN3	ENSG00000100599.15	4,6	10,39	-1,024	1,43E-29
DTNA	ENSG00000134769.21	7,925	17,145	-1,024	4,22E-15
PTGS2	ENSG00000073756.11	5,65	12,52	-1,024	9,22E-08
RP11-311P8.2	ENSG00000232186.1	0,24	1,52	-1,023	8,02E-56
STOX2	ENSG00000173320.9	0,425	1,895	-1,023	2,78E-54
PCBP4	ENSG00000090097.20	26,535	54,974	-1,023	4,73E-39
ARL17A	ENSG00000185829.15	4,335	9,84	-1,023	4,79E-21
CCDC93	ENSG00000125633.10	4,615	10,405	-1,022	8,86E-23
DPH1	ENSG00000108963.17	31,68	65,38	-1,022	2,21E-16
AUTS2	ENSG00000158321.15	7,985	17,25	-1,022	8,58E-13
IER5L	ENSG00000188483.7	2,57	6,245	-1,021	2,53E-28
KIAA1644	ENSG00000138944.7	0,88	2,815	-1,021	3,82E-23
AXL	ENSG00000167601.11	7,535	16,324	-1,021	1,33E-17
RP11-680G24.6	ENSG00000275910.1	0,46	1,96	-1,02	8,79E-41
SALL4	ENSG00000101115.12	0,43	1,9	-1,02	2,64E-30
ST3GAL1	ENSG00000008513.14	3,2	7,52	-1,02	2,76E-18
KANSL3	ENSG00000114982.17	14,69	30,805	-1,019	5,88E-46
AC005042.4	ENSG00000204380.4	0,31	1,655	-1,019	1,99E-45
SMAD6	ENSG00000137834.14	3,29	7,695	-1,019	4,28E-35
CASP1	ENSG00000137752.22	6,235	13,664	-1,019	1,65E-22
CYBA	ENSG00000051523.10	37,076	76,103	-1,018	5,8E-29
SLC25A29	ENSG00000197119.12	31,635	65,104	-1,018	5,43E-22
WSCD2	ENSG00000075035.9	1,2	3,455	-1,018	2,65E-16
L3MBTL4	ENSG00000154655.14	0,5	2,035	-1,017	8E-62
RP11-666A8.8	ENSG00000267546.2	0,29	1,61	-1,017	1,02E-51
RP11-523H24.3	ENSG00000226352.2	0,47	1,975	-1,017	2,02E-34
GBGT1	ENSG00000148288.11	2,63	6,345	-1,017	1,11E-31
CNN2	ENSG00000064666.14	43,605	89,266	-1,017	2,3E-26
LRRC4B	ENSG00000131409.12	0,45	1,935	-1,017	1,95E-12
RP1-286D6.5	ENSG00000272153.1	1,71	4,48	-1,016	1,34E-40
RGAG4	ENSG00000242732.4	2,34	5,755	-1,016	1,29E-37
RP11-798K23.5	ENSG00000253520.1	1,68	4,42	-1,016	1,13E-33
LGALS4	ENSG00000171747.8	0,75	2,54	-1,016	1,29E-30
FHL5	ENSG00000112214.10	0,6	2,235	-1,016	9,08E-27
STOM	ENSG00000148175.12	43,676	89,359	-1,016	7,45E-24
RP11-802O23.3	ENSG00000272182.1	0,72	2,475	-1,015	2,8E-61
CADM3-AS1	ENSG00000225670.4	0,22	1,465	-1,015	1,42E-42
PDE5A	ENSG00000138735.15	10,555	22,355	-1,015	9,75E-13

RP11-478C19.2	ENSG00000258210.1	0,28	1,585	-1,014	4,32E-37
RP3-523K23.2	ENSG00000261116.1	0,545	2,12	-1,014	5,31E-32
RP11-73M18.7	ENSG00000269940.1	2,18	5,42	-1,014	1,15E-23
HNRNPH1	ENSG00000169045.17	177,539	359,524	-1,014	1,78E-23
OSBPL3	ENSG00000070882.12	0,865	2,765	-1,013	2,27E-37
SERPINB9	ENSG00000170542.5	1,575	4,195	-1,013	1,85E-22
ANXA2	ENSG00000182718.16	218,925	442,796	-1,013	4,48E-19
SPAG9	ENSG00000008294.20	10,465	22,145	-1,013	3,19E-15
TRIM3	ENSG00000110171.18	14,585	30,45	-1,013	5,74E-12
CCL14	ENSG00000276409.4	39,435	80,61	-1,013	1,33E-08
CDKN1C	ENSG00000129757.12	12,955	27,14	-1,012	7,24E-35
CLIP2	ENSG00000106665.15	4,195	9,48	-1,012	1,21E-32
CSRP2	ENSG00000175183.9	24,075	49,585	-1,012	9,38E-09
AC003090.1	ENSG00000223561.6	0,57	2,165	-1,011	2,22E-26
RP11-7F17.8	ENSG00000273729.1	0,39	1,8	-1,01	4,31E-57
KLHDC1	ENSG00000197776.7	1,49	4,015	-1,01	1,17E-55
HYAL1	ENSG00000114378.16	1,17	3,37	-1,01	2,06E-48
AC083843.1	ENSG00000259820.1	0,83	2,685	-1,01	5,52E-23
PTGER2	ENSG00000125384.6	2,805	6,665	-1,01	5,94E-14
ACHE	ENSG00000087085.13	2,665	6,379	-1,01	6,04E-13
WHAMMP2	ENSG00000248334.6	0,52	2,06	-1,009	9,58E-60
SPAG8	ENSG00000137098.13	1,32	3,67	-1,009	1,51E-37
MST1P2	ENSG00000186301.8	0,615	2,25	-1,009	1,19E-32
NRXN3	ENSG00000021645.17	1,72	4,475	-1,009	3,52E-23
MT-ATP6	ENSG00000198899.2	11102,907	22345,55	-1,009	2,32E-13
PTN	ENSG00000105894.11	32,511	66,438	-1,009	0,000233
ADGRB2	ENSG00000121753.12	1,58	4,19	-1,008	1,33E-31
PPP1R18	ENSG00000146112.11	13,26	27,684	-1,008	4,25E-28
AHI1	ENSG00000135541.20	9,77	20,642	-1,007	6,79E-36
RP4-669P10.19	ENSG00000227370.1	0,63	2,275	-1,007	3,78E-32
ULK1	ENSG00000177169.9	18,115	37,415	-1,007	2,93E-23
AF131217.1	ENSG00000232855.6	0,955	2,93	-1,007	5,26E-15
CXCL17	ENSG00000189377.8	3,635	8,312	-1,007	2,24E-08
RND2	ENSG00000108830.9	0,75	2,515	-1,006	1,3E-51
CCND2-AS1	ENSG00000256164.1	0,34	1,69	-1,005	4,63E-67
RP11-640N20.4	ENSG00000278867.1	0,325	1,66	-1,005	7,14E-47
BBS5	ENSG00000163093.11	3,85	8,735	-1,005	5,43E-43
SMC5	ENSG00000198887.8	7,2	15,46	-1,005	1,61E-19
TNFRSF10B	ENSG00000120889.12	10,435	21,935	-1,004	5,47E-26
CFAP70	ENSG00000156042.17	3,015	7,05	-1,004	3,42E-21
TUB	ENSG00000166402.8	3,085	7,195	-1,004	2,24E-20
ATP2A3	ENSG00000074370.17	11,8	24,675	-1,004	2,22E-13
RNF39	ENSG00000204618.8	2,21	5,44	-1,004	1,04E-09
CTD-2649C14.2	ENSG00000274460.1	0,4	1,805	-1,003	2,38E-37
ADAT2	ENSG00000189007.15	2,655	6,325	-1,003	1,39E-17
MAST2	ENSG00000086015.20	17,835	36,736	-1,003	1,27E-14

MAP1B	ENSG00000131711.14	6,955	14,944	-1,003	6,19E-14
RAB3IL1	ENSG00000167994.11	3,52	8,055	-1,002	1,44E-32
INE1	ENSG00000224975.1	0,76	2,525	-1,002	6,31E-31
TRNP1	ENSG00000253368.3	4,015	9,045	-1,002	1,91E-29
WISP1	ENSG00000104415.13	0,67	2,345	-1,002	4,81E-28
SUV420H2	ENSG00000133247.13	6,42	13,864	-1,002	5,59E-25
DFNB31	ENSG00000095397.13	7,255	15,534	-1,002	4,49E-19
VIM	ENSG00000026025.13	226,112	453,858	-1,002	1,87E-18
ANKRD23	ENSG00000163126.14	2,12	5,25	-1,002	1,24E-15
RNF212	ENSG00000178222.12	2,14	5,29	-1,002	7,57E-15
GPR153	ENSG00000158292.6	1,7	4,405	-1,001	2,81E-38
CTD-2314G24.2	ENSG00000259663.2	1,68	4,365	-1,001	2,51E-34
TMEM246	ENSG00000165152.8	2,225	5,455	-1,001	1,24E-16
LINC00304	ENSG00000180422.3	0,03	1,06	-1	2,21E-71
GDF7	ENSG00000143869.6	0,81	2,62	-1	3,66E-30
TNIK	ENSG00000154310.16	1,38	3,76	-1	1,12E-26
PTPRU	ENSG00000060656.19	11,28	23,565	-1	1,16E-20
NAV1	ENSG00000134369.15	2,46	5,92	-1	7,44E-20
ARHGAP9	ENSG00000123329.17	3,365	7,73	-1	1,73E-19
COL1A1	ENSG00000108821.13	69,439	139,855	-1	1,66E-06
LRCH2	ENSG00000130224.14	1,77	4,535	-0,999	9,61E-21
RP11-326C3.11	ENSG00000251661.3	1,215	3,42	-0,997	5,26E-44
LCN12	ENSG00000184925.11	2,47	5,925	-0,997	1,42E-37
GPCPD1	ENSG00000125772.12	7,035	15,02	-0,996	4,27E-33
CALD1	ENSG00000122786.19	154,097	308,333	-0,996	7,13E-11
UPK1A	ENSG00000105668.7	2,085	5,155	-0,996	0,0000086
CABIN1	ENSG00000099991.16	19,725	40,295	-0,995	3,04E-42
RP11-968A15.2	ENSG00000257596.1	0,42	1,829	-0,995	7,18E-42
EVX1-AS	ENSG00000253405.1	0,39	1,77	-0,995	1,69E-30
RP11-411B6.6	ENSG00000255339.6	1,09	3,165	-0,995	7,31E-24
RBM39	ENSG00000131051.20	134,456	269,043	-0,995	9,99E-24
IZUMO4	ENSG00000099840.13	6,905	14,757	-0,995	2,87E-15
LINC00202-1	ENSG00000232224.5	0,245	1,48	-0,994	6,03E-37
TTC13	ENSG00000143643.12	4,05	9,06	-0,994	5,2E-20
MPZL2	ENSG00000149573.8	36,705	74,086	-0,994	1,31E-15
GAL3ST1	ENSG00000128242.12	0,535	2,055	-0,993	4,63E-44
MFSD2A	ENSG00000168389.17	0,61	2,205	-0,993	5,54E-38
RP3-449O17.1	ENSG00000244627.5	3,31	7,58	-0,993	1,62E-26
TG	ENSG00000042832.11	1,2	3,38	-0,993	9,13E-09
ABCC8	ENSG00000006071.11	2,8	6,565	-0,993	2,59E-08
GFRA1	ENSG00000151892.14	0,84	2,66	-0,992	2,75E-25
PIK3CD	ENSG00000171608.15	1,68	4,33	-0,992	1,2E-23
TEPP	ENSG00000159648.11	0,17	1,325	-0,991	1,41E-63
WHAMMP3	ENSG00000276141.4	1,32	3,61	-0,991	1,44E-36
GPIHBP1	ENSG00000277494.1	0,58	2,14	-0,991	7,93E-34
GGT5	ENSG00000099998.17	16,81	34,41	-0,991	1,43E-09

RP11-17M16.2	ENSG00000265778.2	0,435	1,85	-0,99	6,04E-66
GNAL	ENSG00000141404.15	2,71	6,37	-0,99	1,72E-26
ENHO	ENSG00000168913.6	3,15	7,24	-0,99	9,4E-08
PAK3	ENSG00000077264.14	0,37	1,72	-0,989	2,84E-59
RP11-543D5.2	ENSG00000223814.1	0,26	1,5	-0,989	1,53E-52
CTD-2587H24.14	ENSG00000276570.1	0,675	2,325	-0,989	2,09E-50
AP000866.1	ENSG00000279342.1	0,34	1,66	-0,989	4,47E-40
TMEM51	ENSG00000171729.13	7,22	15,315	-0,989	1,17E-38
RP11-206L10.3	ENSG00000235373.1	0,38	1,74	-0,989	4,64E-28
BAHCC1	ENSG00000266074.8	4,075	9,075	-0,989	1,54E-20
SGCG	ENSG00000102683.7	0,285	1,55	-0,989	5,61E-19
IL33	ENSG00000137033.11	7,74	16,345	-0,989	2,06E-15
MT-ND4	ENSG00000198886.2	8925,392	17719,496	-0,989	1,35E-09
LINC00982	ENSG00000177133.10	0,28	1,539	-0,988	8,98E-56
FBXO44	ENSG00000132879.13	20,859	42,345	-0,988	3,55E-51
RP13-131K19.6	ENSG00000272434.1	0,57	2,115	-0,988	3,03E-33
NTNG2	ENSG00000196358.10	1,46	3,88	-0,988	3,16E-18
CRYBB2P1	ENSG00000100058.12	9,77	20,369	-0,988	1,26E-08
CMTM5	ENSG00000166091.19	0,395	1,765	-0,987	1,53E-43
CTC-428H11.2	ENSG00000272367.1	0,69	2,35	-0,987	1,31E-32
RAD9A	ENSG00000172613.7	15,545	31,8	-0,987	1,57E-30
MDC1	ENSG00000137337.14	10,445	21,685	-0,987	2,41E-27
ATF7IP2	ENSG00000166669.13	2,5	5,935	-0,987	4,67E-07
THBS1	ENSG00000137801.10	23,06	46,701	-0,987	5,41E-06
ARHGAP22	ENSG00000128805.14	1,27	3,495	-0,986	1,72E-44
STAT5A	ENSG00000126561.16	8,02	16,865	-0,986	5,33E-32
HCG11	ENSG00000228223.2	1,63	4,21	-0,986	3,54E-23
DPYSL2	ENSG00000092964.16	7,445	15,73	-0,986	2,1E-20
CRAMP1L	ENSG00000007545.15	5,54	11,955	-0,986	6,02E-14
CRTC2	ENSG00000160741.16	22,54	45,58	-0,985	3,59E-47
IQSEC3	ENSG00000120645.11	0,42	1,81	-0,985	1,3E-41
TGFBR3L	ENSG00000260001.6	0,675	2,315	-0,985	1,09E-30
RERGL	ENSG00000111404.6	1,395	3,74	-0,985	2,64E-16
RGS2	ENSG00000116741.7	77,845	155,029	-0,985	6,68E-12
MT-CYB	ENSG00000198727.2	6389,112	12643,865	-0,985	6,33E-11
RP11-242D8.3	ENSG00000267340.1	0	0,98	-0,985	2,91E-10
RP11-762H8.2	ENSG00000259562.2	0,345	1,66	-0,984	2,89E-37
CPSF3L	ENSG00000127054.18	76,224	151,775	-0,984	8,96E-34
XXbac-BPGBPG55C2C	ENSG00000272316.1	0,92	2,795	-0,983	1,08E-42
AC083843.4	ENSG00000279518.1	0,285	1,54	-0,983	2,85E-41
ZNF536	ENSG00000198597.8	0,26	1,49	-0,983	4,7E-38
RP11-356I2.4	ENSG00000237499.6	0,76	2,48	-0,983	2,11E-35
LRRN4CL	ENSG00000177363.4	1,52	3,98	-0,983	8,5E-30
FAM86B1	ENSG00000186523.14	3,42	7,735	-0,983	3,33E-26
FOXQ1	ENSG00000164379.5	0,73	2,42	-0,983	5,12E-23
MAPK11	ENSG00000185386.14	7,08	14,97	-0,983	3,49E-20

ADGRL2	ENSG00000117114.19	15,32	31,266	-0,983	2,86E-14
TMEM51-AS1	ENSG00000175147.11	0,43	1,825	-0,982	1,44E-75
ZCCHC18	ENSG00000166707.10	0,4	1,765	-0,982	1,53E-60
HSPA7	ENSG00000225217.1	0,82	2,595	-0,982	3,22E-33
CCM2L	ENSG00000101331.15	1,635	4,205	-0,982	1,41E-31
C11orf95	ENSG00000188070.9	3,305	7,495	-0,981	3,28E-44
RASA3	ENSG00000185989.10	4,08	9,03	-0,981	5,53E-27
RP5-902P8.10	ENSG00000230415.1	1,335	3,609	-0,981	9,89E-26
CALML3	ENSG00000178363.4	0,51	1,98	-0,981	1,54E-15
RP11-64B16.2	ENSG00000213144.2	1,54	4,01	-0,98	3,95E-18
C8orf31	ENSG00000177335.10	0,35	1,66	-0,979	3,28E-60
AC137932.4	ENSG00000268218.1	0,21	1,385	-0,979	3,39E-55
RP5-965G21.6	ENSG00000276952.1	0,56	2,075	-0,979	6,4E-34
HEY1	ENSG00000164683.16	2,01	4,935	-0,979	1,19E-28
LARGE	ENSG00000133424.20	6,31	13,41	-0,979	1,76E-24
HEPH	ENSG00000089472.16	4,39	9,625	-0,979	3,51E-16
RP11-96D1.8	ENSG00000279649.1	0,14	1,245	-0,978	6,44E-53
CTD-2623N2.3	ENSG00000267370.1	0,85	2,645	-0,978	1,22E-46
PLCG2	ENSG00000197943.9	1,85	4,615	-0,978	1,2E-29
CEND1	ENSG00000184524.5	0,795	2,535	-0,978	9,19E-28
RHCG	ENSG00000140519.12	0,16	1,285	-0,978	7,47E-27
MROH6	ENSG00000204839.8	1,72	4,355	-0,977	3,84E-48
TPRG1	ENSG00000188001.9	0,92	2,78	-0,977	1,02E-42
TARID	ENSG00000227954.6	0,24	1,44	-0,976	1,18E-60
ZNF211	ENSG00000121417.13	5,795	12,365	-0,976	2,53E-33
C1orf54	ENSG00000118292.8	11,48	23,545	-0,976	3,01E-26
TACC1	ENSG00000147526.19	22,305	44,835	-0,976	1,45E-15
RHBDL3	ENSG00000141314.12	0,31	1,575	-0,975	6,77E-65
STX1B	ENSG00000099365.9	0,31	1,575	-0,975	7,84E-55
ZNF117	ENSG00000152926.14	2,355	5,595	-0,975	3,25E-23
TBC1D3B	ENSG00000274808.4	1,605	4,12	-0,975	4,43E-23
SETBP1	ENSG00000152217.16	3,15	7,16	-0,975	1,91E-19
RP11-73M18.10	ENSG00000269910.1	1,645	4,2	-0,975	1,18E-18
DOK3	ENSG00000146094.13	2,01	4,915	-0,975	1,4E-18
RAB37	ENSG00000172794.19	1,65	4,205	-0,974	5,96E-35
IL18	ENSG00000150782.11	3,48	7,799	-0,974	1,73E-24
TCEAL5	ENSG00000204065.2	0,6	2,14	-0,973	1,4E-47
SFSWAP	ENSG00000061936.9	14,025	28,489	-0,973	8,85E-41
CTD-2349P21.9	ENSG00000266490.1	1,42	3,75	-0,973	2,11E-39
TTC23	ENSG00000103852.12	6,775	14,264	-0,973	1,1E-35
MAPRE3	ENSG00000084764.10	16,855	34,045	-0,973	1,18E-26
AP3B2	ENSG00000103723.12	1,58	4,065	-0,973	8,93E-26
AFAP1L1	ENSG00000157510.13	1,57	4,04	-0,972	4,08E-33
TRIO	ENSG00000038382.17	16,39	33,11	-0,972	3,08E-14
WASH2P	ENSG00000146556.14	13,33	27,088	-0,971	1,33E-51
FAM71F2	ENSG00000205085.8	0,38	1,705	-0,971	8,18E-37

FXVD2	ENSG00000137731.13	0,385	1,715	-0,971	3,79E-31
ACTN2	ENSG00000077522.12	0,27	1,49	-0,971	0,000158
IRF3	ENSG00000126456.15	46,594	92,199	-0,97	2,77E-43
SRSF4	ENSG00000116350.15	46,005	91,085	-0,97	5,43E-38
GLI3	ENSG00000106571.12	1,96	4,8	-0,97	3,98E-28
RP11-323C15.2	ENSG00000236028.1	0,945	2,81	-0,97	6,82E-21
ANGPTL2	ENSG00000136859.9	10,68	21,884	-0,97	8,01E-12
WDFY2	ENSG00000139668.8	2,15	5,165	-0,969	1,88E-38
RP11-274B21.10	ENSG00000271553.1	0,52	1,975	-0,969	5,19E-37
HINFP	ENSG00000172273.12	11,37	23,21	-0,969	3,23E-33
C9orf24	ENSG00000164972.12	0,98	2,875	-0,969	3,98E-14
ATN1	ENSG00000111676.14	63,566	125,278	-0,968	1,05E-36
AF001548.5	ENSG00000263335.1	2,53	5,905	-0,968	1,14E-35
CTC-435M10.12	ENSG00000277744.1	0,805	2,53	-0,968	7,9E-34
ARHGAP20	ENSG00000137727.12	0,585	2,1	-0,968	3,93E-29
RP11-127B20.3	ENSG00000272677.1	0,88	2,675	-0,967	3,69E-42
DSTNP1	ENSG00000230982.1	0,57	2,07	-0,967	4,34E-40
ZNF273	ENSG00000198039.11	2,18	5,215	-0,967	3,5E-38
PLEKHA2	ENSG00000169499.14	4,43	9,615	-0,967	6,75E-27
PRPF39	ENSG00000185246.17	14,155	28,63	-0,967	6,66E-21
NR4A3	ENSG00000119508.17	1,53	3,944	-0,967	9,8E-08
C15orf41	ENSG00000186073.11	2,31	5,465	-0,966	5,97E-42
MSH5	ENSG00000204410.14	7,29	15,19	-0,966	3,8E-14
RP5-1068E13.7	ENSG00000273148.1	0,88	2,67	-0,965	9,11E-39
DTX2P1-UPK3BP1-PM	ENSG00000265479.5	2,53	5,89	-0,965	2,73E-30
RP11-341G23.4	ENSG00000257681.1	1,285	3,46	-0,965	6,42E-22
MXRA7	ENSG00000182534.13	69,024	135,664	-0,965	5,71E-20
FAS	ENSG0000026103.19	6,06	12,785	-0,965	1,23E-17
MT-ND4L	ENSG00000212907.2	6175,969	12057,974	-0,965	2,24E-06
GFOD1	ENSG00000145990.10	1,1	3,095	-0,963	6,89E-38
IVNS1ABP	ENSG00000116679.15	27,569	54,695	-0,963	1,33E-30
CYP24A1	ENSG00000019186.9	0,38	1,69	-0,963	6,08E-17
SCARNA13	ENSG00000252481.1	1,4	3,675	-0,962	4,33E-19
SKINTL	ENSG00000242267.6	0,04	1,025	-0,961	1,26E-64
PLCD1	ENSG00000187091.13	9,515	19,47	-0,961	3,12E-48
CEP162	ENSG00000135315.11	2,405	5,63	-0,961	2,03E-43
PISD	ENSG00000241878.9	14,145	28,479	-0,961	1,25E-40
CDK5RAP3	ENSG00000108465.14	114,142	223,146	-0,961	8,88E-27
REV1	ENSG00000135945.9	16,17	32,43	-0,961	8,6E-26
MAT2A	ENSG00000168906.12	89,641	175,49	-0,961	3,78E-24
RBP5	ENSG00000139194.7	4,87	10,43	-0,961	3,92E-20
GNG2	ENSG00000186469.8	2,92	6,63	-0,961	1,91E-19
MKX	ENSG00000150051.13	4,18	9,085	-0,961	1,2E-13
NPIPA8	ENSG00000214940.8	0,51	1,94	-0,961	0,0000801
TAL1	ENSG00000162367.11	0,48	1,88	-0,96	7,45E-52
C17orf51	ENSG00000212719.10	1,21	3,3	-0,96	1,52E-41

RP11-180M15.7	ENSG00000275560.1	0,67	2,25	-0,96	1,44E-31
PCDH10	ENSG00000138650.8	2,725	6,245	-0,96	6,1E-13
ITPR1	ENSG00000150995.17	12,225	24,73	-0,96	1,1E-11
RP5-1039K5.17	ENSG00000272582.1	0,25	1,43	-0,959	1,58E-59
CELA3A	ENSG00000142789.19	0	0,944	-0,959	1,71E-38
NR2C1	ENSG00000120798.16	11,485	23,265	-0,959	8,89E-38
PLB1	ENSG00000163803.12	1,785	4,415	-0,959	7,7E-36
LINC00092	ENSG00000225194.2	1,03	2,945	-0,959	6,97E-35
CTRB2	ENSG00000168928.12	0,08	1,1	-0,959	7,38E-28
OTUD3	ENSG00000169914.5	2,635	6,064	-0,959	7,65E-22
RP11-61I13.3	ENSG00000235033.7	0,13	1,195	-0,958	2,62E-58
CIDEB	ENSG00000136305.11	4,755	10,179	-0,958	1,51E-38
RP11-218F10.3	ENSG00000273449.1	0,48	1,875	-0,958	2,12E-35
NHSL2	ENSG00000204131.8	1,02	2,925	-0,958	1,29E-27
SNHG1	ENSG00000255717.6	42,85	84,205	-0,958	5,99E-19
CPA1	ENSG00000091704.9	0,1	1,135	-0,957	1,16E-57
DNAH17	ENSG00000187775.16	0,27	1,465	-0,957	9,15E-57
DOCK3	ENSG00000088538.12	0,28	1,485	-0,957	2,66E-52
GOLGA8R	ENSG00000186399.10	0,53	1,97	-0,957	6,66E-42
RP11-192H23.8	ENSG00000264608.1	0,95	2,785	-0,957	5,39E-34
H1FX-AS1	ENSG00000206417.8	3,655	8,039	-0,957	1,07E-27
SOX17	ENSG00000164736.5	1,3	3,465	-0,957	4,55E-25
LRRC24	ENSG00000254402.6	1,925	4,68	-0,957	2,95E-14
LRCH4	ENSG00000077454.15	27,415	54,114	-0,956	6,2E-26
CPSF1	ENSG00000071894.14	53,955	105,591	-0,956	1,27E-22
RP11-1319K7.1	ENSG00000179978.11	0,595	2,095	-0,956	4,09E-21
DYSF	ENSG00000135636.13	3,375	7,49	-0,956	5,89E-17
CA12	ENSG00000074410.13	1,605	4,055	-0,956	2,96E-13
C16orf86	ENSG00000159761.14	1,98	4,775	-0,955	1,47E-51
PALD1	ENSG00000107719.8	1,99	4,795	-0,955	2,97E-22
RP11-646I6.6	ENSG00000270147.1	0,51	1,924	-0,954	4,72E-34
RP11-449P15.2	ENSG00000273151.1	0,43	1,77	-0,954	1,5E-32
JDP2	ENSG00000140044.12	9,92	20,155	-0,954	4,05E-28
RHBDF2	ENSG00000129667.12	4,87	10,374	-0,954	8,87E-25
AC006126.4	ENSG00000267045.1	1,09	3,05	-0,954	1,03E-16
TIA1	ENSG00000116001.15	29,26	57,637	-0,954	4,11E-16
PCF11	ENSG00000165494.10	28,475	56,092	-0,954	1,98E-15
BTN2A3P	ENSG00000124549.14	0,7	2,29	-0,953	7,58E-55
C15orf62	ENSG00000188277.9	0,47	1,845	-0,953	6,51E-54
RAMP2-AS1	ENSG00000197291.8	0,88	2,64	-0,953	2,36E-27
NR2C2	ENSG00000177463.15	7,325	15,115	-0,953	3,22E-12
C9orf172	ENSG00000232434.2	2,02	4,844	-0,952	1,44E-33
MLC1	ENSG00000100427.15	0,22	1,36	-0,952	9,04E-27
KLK1	ENSG00000167748.10	3,26	7,239	-0,952	0,0000819
RP11-216B9.9	ENSG00000280758.1	0,12	1,165	-0,951	3,22E-60
CCT6P3	ENSG00000234585.6	4,645	9,91	-0,951	1,34E-41

PIF1	ENSG00000140451.12	0,57	2,035	-0,951	3,49E-37
COL9A3	ENSG00000092758.15	2,16	5,11	-0,951	2,91E-16
PSORS1C1	ENSG00000204540.10	0,7	2,285	-0,95	1,1E-27
HOXA7	ENSG00000122592.7	2,14	5,065	-0,95	4,17E-27
RP13-516M14.8	ENSG00000280407.2	0,305	1,52	-0,949	3,46E-40
RP11-430C7.5	ENSG00000240219.1	0,36	1,625	-0,949	1,67E-36
LRMP	ENSG00000118308.14	1,25	3,345	-0,949	6,25E-31
CTD-3001H11.2	ENSG00000277383.1	0,81	2,495	-0,949	7,09E-27
ITGB8	ENSG00000105855.9	2,585	5,92	-0,949	2,58E-16
VSNL1	ENSG00000163032.11	0,88	2,63	-0,949	1,02E-11
MF12-AS1	ENSG00000228109.1	6,62	13,7	-0,948	1,83E-33
RP11-480A16.1	ENSG00000260261.1	0,63	2,145	-0,948	7,67E-25
CIART	ENSG00000159208.15	4,05	8,74	-0,948	4,81E-21
MAGOH2P	ENSG00000264176.1	1,325	3,485	-0,948	2,76E-19
LLNLF-176F2.1	ENSG00000282339.1	8,49	17,305	-0,948	5,55E-18
CTD-3064M3.3	ENSG00000261655.1	0,45	1,795	-0,947	1,29E-48
AC068134.10	ENSG00000251485.1	0,735	2,345	-0,947	1,51E-37
LRR34	ENSG00000171757.15	0,695	2,265	-0,946	9,05E-51
LRFN5	ENSG00000165379.13	0,565	2,015	-0,946	1,09E-35
GGT7	ENSG00000131067.16	11,97	23,98	-0,946	1,21E-22
BST2	ENSG00000130303.12	39,89	77,772	-0,946	7,41E-15
PLN	ENSG00000198523.5	8,51	17,315	-0,946	5,23E-10
PGS1	ENSG00000087157.18	11,315	22,715	-0,945	5,46E-41
ARTN	ENSG00000117407.16	2,21	5,18	-0,945	7,55E-35
S100A13	ENSG00000189171.13	54,871	106,598	-0,945	1,15E-32
44078	ENSG00000108387.14	3,585	7,83	-0,945	2,67E-32
IFITM3	ENSG00000142089.15	331,61	639,344	-0,945	4,77E-22
ETV5	ENSG00000244405.7	2,48	5,7	-0,945	2,47E-15
THSD4	ENSG00000187720.14	18,06	35,69	-0,945	2,07E-07
MT1M	ENSG00000205364.3	16,64	32,968	-0,945	0,00014
PTCH2	ENSG00000117425.13	0,64	2,155	-0,944	8,53E-46
DHX38	ENSG00000140829.11	21,01	41,344	-0,944	6,29E-35
LYL1	ENSG00000104903.4	2,02	4,81	-0,944	3,51E-32
NEGR1	ENSG00000172260.13	1,17	3,175	-0,944	3,16E-24
SYPL2	ENSG00000143028.8	0,78	2,425	-0,944	1,69E-23
GDNF-AS1	ENSG00000248587.6	0,17	1,25	-0,943	1,34E-57
RCBTB2	ENSG00000136161.12	6,755	13,91	-0,943	2,3E-33
GPR146	ENSG00000164849.8	3,265	7,2	-0,943	6,61E-28
IGLV5-52	ENSG00000211643.2	0,425	1,74	-0,943	3,95E-17
RP11-2K6.1	ENSG00000279225.1	0,69	2,25	-0,943	3,97E-15
TRG-AS1	ENSG00000281103.1	1,7	4,19	-0,943	0,0000539
TRAF3IP2-AS1	ENSG00000231889.7	3,27	7,205	-0,942	6,68E-50
RP11-524D16__A.3	ENSG00000261295.1	0,33	1,555	-0,942	2,03E-30
DVL2	ENSG00000004975.11	19,61	38,609	-0,942	4E-30
COX7A1	ENSG00000161281.10	41,146	79,964	-0,942	4,32E-15
COL11A2	ENSG00000204248.10	0,31	1,515	-0,941	3,91E-45

HYI	ENSG00000178922.16	39,261	76,272	-0,941	3,37E-40
DGKZ	ENSG00000149091.15	22,805	44,71	-0,941	3,61E-38
FAM178A	ENSG00000119906.11	6,52	13,434	-0,941	3,36E-30
SLC11A1	ENSG0000018280.16	1,42	3,645	-0,941	5,4E-30
UVSSA	ENSG00000163945.15	3,285	7,224	-0,941	8,35E-14
MT-ND1	ENSG00000198888.2	4665,286	8957,31	-0,941	1,97E-11
LYG1	ENSG00000144214.9	0,645	2,155	-0,94	2,15E-45
TGFB1	ENSG00000105329.9	14,065	27,909	-0,94	8,38E-27
MADD	ENSG00000110514.18	19,515	38,338	-0,939	4,47E-26
RAI1	ENSG00000108557.17	9,82	19,745	-0,939	1,33E-22
CXCL13	ENSG00000156234.7	0,88	2,605	-0,939	1,09E-09
PRDX3P1	ENSG00000229598.1	0,24	1,375	-0,938	6,15E-46
SYNDIG1	ENSG00000101463.5	0,785	2,42	-0,938	1,06E-26
SOX7	ENSG00000171056.7	1,95	4,65	-0,938	1,25E-22
KANSL1L	ENSG00000144445.15	6,305	12,995	-0,938	8,02E-19
CD34	ENSG00000174059.16	13,07	25,95	-0,938	4,46E-14
GAS6-AS2	ENSG00000272695.1	0,575	2,015	-0,937	9,53E-63
GJC2	ENSG00000198835.3	0,63	2,12	-0,937	2,41E-57
AMN	ENSG00000166126.10	0,23	1,355	-0,937	4,07E-48
PITPNM3	ENSG00000091622.15	1,77	4,305	-0,937	3,35E-26
SGCE	ENSG00000127990.15	9,085	18,31	-0,937	2,14E-20
CPT1B	ENSG00000205560.12	11,255	22,461	-0,937	3,26E-14
PPFIBP1	ENSG00000110841.13	10,21	20,465	-0,937	2,04E-12
CTD-2600O9.2	ENSG00000276166.1	0,16	1,22	-0,936	1,7E-54
RP4-742C19.13	ENSG00000279833.1	0,26	1,41	-0,936	6,81E-50
SULF2	ENSG00000196562.14	13,085	25,94	-0,936	7,15E-20
CX3CL1	ENSG00000006210.6	19,885	38,945	-0,936	4,18E-12
IL18BP	ENSG00000137496.17	7,125	14,544	-0,936	7,17E-10
ADCYAP1R1	ENSG00000078549.14	0,14	1,18	-0,935	1,87E-61
RP11-305L7.1	ENSG00000230537.1	0,54	1,945	-0,935	3,85E-37
TSPAN11	ENSG00000110900.14	0,99	2,805	-0,935	3,9E-23
NLGN3	ENSG00000196338.12	1,93	4,6	-0,935	1,72E-16
ABCC9	ENSG00000069431.10	1,605	3,98	-0,935	1,81E-15
RGCC	ENSG00000102760.12	20,05	39,239	-0,935	3,11E-14
ZNF133	ENSG00000125846.15	8,54	17,23	-0,934	2,51E-46
RP11-286H14.8	ENSG00000243230.1	0,175	1,245	-0,934	1,03E-44
TFE3	ENSG00000068323.16	19,275	37,749	-0,934	1,86E-44
KIAA1407	ENSG00000163617.10	2,415	5,525	-0,934	1,29E-35
RP11-806O11.1	ENSG00000253671.1	0,89	2,61	-0,934	1,12E-26
MAOB	ENSG00000069535.13	22,15	43,215	-0,934	0,0000125
ADSSL1	ENSG00000185100.10	6,77	13,83	-0,933	2,06E-36
DFNA5	ENSG00000105928.13	3,595	7,775	-0,933	6,1E-29
PKIG	ENSG00000168734.13	44,87	86,596	-0,933	2,04E-28
PILRA	ENSG00000085514.15	3,83	8,22	-0,933	6,73E-24
CTD-2033D15.3	ENSG00000278621.1	0,595	2,045	-0,933	1,38E-13
RP1-68D18.4	ENSG00000255443.1	0,19	1,27	-0,932	1,16E-38

RP11-20G6.1	ENSG00000280400.1	3,275	7,155	-0,932	7,24E-22
TRIM66	ENSG00000166436.15	1,455	3,685	-0,932	3,53E-19
MLXIP	ENSG00000175727.13	12,69	25,12	-0,932	6,53E-18
HPSE2	ENSG00000172987.12	2,725	6,105	-0,932	2,28E-06
RP11-365H22.2	ENSG00000272576.1	0,23	1,345	-0,931	1,82E-67
STAG3L1	ENSG00000205583.13	4,11	8,74	-0,931	1,68E-19
STEAP3	ENSG00000115107.19	5,205	10,827	-0,931	4,42E-16
OLFML1	ENSG00000183801.7	3,185	6,98	-0,931	8,05E-15
RP11-434B12.1	ENSG00000260837.1	0,7	2,24	-0,93	9,58E-47
KIAA1462	ENSG00000165757.8	4,865	10,174	-0,93	1,42E-17
RGS1	ENSG00000090104.11	28,572	55,356	-0,93	1,42E-07
TPBG	ENSG00000146242.8	5,865	12,075	-0,929	4,22E-27
NDOR1	ENSG00000188566.11	5,6	11,565	-0,929	5,78E-26
SCUBE3	ENSG00000146197.8	0,52	1,895	-0,929	3,29E-25
STARD13	ENSG00000133121.20	4,565	9,595	-0,929	1,64E-15
PRSS21	ENSG00000007038.10	1,345	3,465	-0,929	0,00262
RP11-704J17.5	ENSG00000272428.1	0,08	1,055	-0,928	1,42E-59
AC005785.2	ENSG00000268189.2	0,39	1,645	-0,928	1,34E-31
RP11-575L7.8	ENSG00000235298.1	1,16	3,11	-0,928	1,85E-14
CKMT2	ENSG00000131730.15	2,5	5,66	-0,928	2,42E-12
CEP126	ENSG00000110318.13	1,03	2,86	-0,927	6,51E-47
TBC1D1	ENSG00000065882.15	22,705	44,062	-0,927	7,79E-28
FOXI1	ENSG00000168269.8	0,12	1,13	-0,927	1,66E-16
HSPB3	ENSG00000169271.2	0,12	1,13	-0,927	4,36E-14
STRADA	ENSG00000266173.5	14,845	29,115	-0,926	3,15E-52
TSC2	ENSG00000103197.16	41,31	79,39	-0,926	6,21E-35
PTBP2	ENSG00000117569.18	6,94	14,085	-0,926	7,48E-35
ALDH3A1	ENSG00000108602.17	0,59	2,02	-0,926	5,16E-27
ZNF335	ENSG00000198026.7	7,775	15,67	-0,926	7,33E-24
PTGS1	ENSG00000095303.14	2,52	5,69	-0,926	3,53E-21
HOOK2	ENSG00000095066.11	35,916	69,163	-0,926	6,81E-21
KIAA0408	ENSG00000189367.14	1,21	3,2	-0,926	3,51E-15
MBNL2	ENSG00000139793.18	10,2	20,285	-0,926	3,41E-13
TMEM204	ENSG00000131634.13	11,445	22,65	-0,926	6,64E-09
CYP4F2	ENSG00000186115.12	0,3	1,47	-0,926	0,000954
SLC16A4	ENSG00000168679.17	1,47	3,69	-0,925	1,12E-39
CDIP1	ENSG00000089486.16	13,495	26,525	-0,925	5,96E-26
CTC-439O9.1	ENSG00000278875.1	0,12	1,125	-0,924	1,1E-51
ILKAP	ENSG00000132323.8	23,279	45,064	-0,924	6,78E-46
RP11-2E11.9	ENSG00000270953.1	0,555	1,95	-0,924	7,78E-41
CTD-2574D22.3	ENSG00000279789.1	0,4	1,655	-0,923	2,87E-30
SRRT	ENSG00000087087.18	67,721	129,279	-0,923	5,79E-29
SLC6A1	ENSG00000157103.10	0,19	1,255	-0,922	6,56E-58
BIN3	ENSG00000147439.11	11,845	23,345	-0,922	4,43E-48
DCAF15	ENSG00000132017.10	13,635	26,73	-0,922	2,66E-46
RP11-31F19.1	ENSG00000226403.1	1,185	3,14	-0,922	2,19E-32

ZNF76	ENSG00000065029.14	23,16	44,78	-0,922	4,34E-32
RP11-490B18.6	ENSG00000276523.1	0,47	1,785	-0,922	1,07E-29
PPT2	ENSG00000221988.12	9,225	18,37	-0,922	3,5E-24
PROSER3	ENSG00000167595.14	4,43	9,29	-0,922	2,61E-22
KCTD14	ENSG00000151364.15	2,715	6,04	-0,922	9,93E-16
RSPO2	ENSG00000147655.10	1,33	3,414	-0,922	1,15E-10
RP5-855D21.2	ENSG00000273402.1	0,32	1,5	-0,921	5,99E-46
USP36	ENSG00000055483.19	16,275	31,713	-0,921	2,87E-30
CAMTA2	ENSG00000108509.20	30,035	57,751	-0,921	2,79E-25
MICALL1	ENSG00000100139.13	11,09	21,895	-0,921	9,59E-22
RPS20P14	ENSG00000223803.1	0,92	2,635	-0,921	1,09E-18
MYO19	ENSG00000278259.4	11,675	22,996	-0,921	1,36E-12
OSGEP	ENSG00000092094.10	21,83	42,2	-0,92	1,66E-48
RP11-468E2.5	ENSG00000259321.1	0,72	2,255	-0,92	6,1E-38
RP11-793H13.8	ENSG00000257379.1	1,215	3,19	-0,92	1,28E-19
NTN1	ENSG00000065320.8	1,505	3,74	-0,92	6,48E-11
HOXD3	ENSG00000128652.11	0,46	1,76	-0,919	4,98E-44
TRERF1	ENSG00000124496.12	1,875	4,435	-0,919	3,69E-27
PLD1	ENSG00000075651.15	1,785	4,265	-0,919	2,04E-17
C1orf204	ENSG00000188004.9	0,495	1,825	-0,918	1,02E-60
S100PBP	ENSG00000116497.17	6,39	12,965	-0,918	2,78E-33
MOK	ENSG00000080823.21	6,21	12,62	-0,918	9,5E-33
SERPINE2	ENSG00000135919.12	4,855	10,06	-0,918	1,42E-13
MTATP6P1	ENSG00000248527.1	1396,79	2640,324	-0,918	4,59E-10
RP11-73M18.6	ENSG00000270108.1	0,38	1,605	-0,917	4,8E-51
KIAA1456	ENSG00000250305.8	0,48	1,795	-0,917	5,67E-40
NAPB	ENSG00000125814.17	3,625	7,73	-0,917	1,9E-38
HSPBAP1	ENSG00000169087.10	4,64	9,649	-0,917	7,07E-30
ANXA6	ENSG00000197043.13	57,982	110,346	-0,917	2,54E-20
EFNA5	ENSG00000184349.12	1,78	4,25	-0,917	1,28E-17
LCP2	ENSG00000043462.11	4,61	9,59	-0,917	1,7E-10
CEACAM1	ENSG00000079385.21	10,645	20,99	-0,917	0,0000282
RP11-981G7.6	ENSG00000272505.1	0,15	1,17	-0,916	7,7E-57
RP11-680A11.5	ENSG00000257605.2	0,645	2,105	-0,916	2,92E-38
TNFAIP3	ENSG00000118503.14	7,03	14,15	-0,916	5,65E-07
RP4-681N20.5	ENSG00000275582.1	0,22	1,3	-0,915	2,04E-48
ASAP1	ENSG00000153317.14	5,45	11,16	-0,915	7,31E-17
PRKCB	ENSG00000166501.12	1,285	3,31	-0,915	4,37E-16
CXCL12	ENSG00000107562.16	13,88	27,055	-0,915	6,46E-16
AC093642.1	ENSG00000280119.1	0,29	1,43	-0,914	1,33E-37
KMT2B	ENSG00000272333.5	16,045	31,12	-0,914	8,65E-25
IDUA	ENSG00000127415.12	14,175	27,6	-0,914	4,31E-15
JAK3	ENSG00000105639.18	1,23	3,2	-0,913	6,58E-23
CHD3	ENSG00000170004.16	76,877	145,683	-0,913	3,47E-21
LINC00883	ENSG00000243701.5	2,53	5,645	-0,913	3,71E-16
RP11-562A8.4	ENSG00000259298.1	0,23	1,315	-0,912	9,99E-49

TMOD2	ENSG00000128872.9	1,285	3,3	-0,912	1,79E-38
CCT6P1	ENSG00000228409.5	2,59	5,755	-0,912	5,23E-37
RP11-11N7.5	ENSG00000277877.4	0,565	1,945	-0,912	3,99E-24
AC004623.3	ENSG00000279488.1	0,26	1,37	-0,911	2,13E-47
EXOSC10	ENSG00000171824.13	26,945	51,551	-0,911	8,95E-32
DYNC111	ENSG00000158560.14	2,04	4,715	-0,911	2,8E-21
LRRC37A2	ENSG00000238083.7	8,03	15,975	-0,911	2,83E-16
RUNX1	ENSG00000159216.18	5,49	11,205	-0,911	9,44E-15
ADGRL1	ENSG00000072071.16	5,99	12,14	-0,911	1,5E-14
SZT2-AS1	ENSG00000229372.1	0,12	1,105	-0,91	6,92E-57
ACRC	ENSG00000147174.11	0,37	1,575	-0,91	2,47E-47
RP11-65I12.1	ENSG00000274877.1	0,41	1,65	-0,91	5,18E-25
MYH7B	ENSG00000078814.15	0,24	1,33	-0,91	5,19E-18
SNCAIP	ENSG00000064692.18	1,96	4,56	-0,91	2,19E-16
PRPH	ENSG00000135406.13	0,43	1,685	-0,909	4,9E-25
RPGR	ENSG00000156313.12	4,385	9,115	-0,909	9,03E-24
RGS11	ENSG00000076344.15	7,09	14,192	-0,909	6,61E-10
ZNF23	ENSG00000167377.17	4,14	8,645	-0,908	5,16E-43
PPOX	ENSG00000143224.17	16,32	31,499	-0,908	6,91E-36
BTG3	ENSG00000154640.14	12,685	24,675	-0,908	3,13E-30
ZFYVE28	ENSG00000159733.13	2,7	5,94	-0,907	2,79E-44
RP11-435O5.4	ENSG00000271659.1	0,57	1,945	-0,907	1,53E-31
HIP1R	ENSG00000130787.13	18,715	35,971	-0,907	3,31E-28
GSTM3	ENSG00000134202.10	37,71	71,59	-0,907	2,53E-22
GSN	ENSG00000148180.16	182,682	343,459	-0,907	3,4E-21
ELMO1	ENSG00000155849.15	4,915	10,095	-0,907	9,15E-18
AC073410.1	ENSG00000236047.1	0,195	1,24	-0,906	7,52E-46
LRRK2	ENSG00000188906.13	0,7	2,185	-0,906	7,57E-42
RP1-151F17.2	ENSG00000272341.1	1,37	3,44	-0,906	5,01E-35
IL15RA	ENSG00000134470.19	5,01	10,265	-0,906	1,13E-30
PCED1B	ENSG00000179715.12	1,66	3,983	-0,906	1,57E-30
FGD5	ENSG00000154783.10	3,115	6,71	-0,906	2,81E-20
CHFR	ENSG00000072609.17	9,435	18,56	-0,906	3,99E-20
ARHGEF6	ENSG00000129675.15	2,685	5,905	-0,906	7,17E-20
TP73	ENSG00000078900.14	1,14	3,01	-0,906	2,08E-14
C1QTNF7	ENSG00000163145.12	1,49	3,665	-0,906	1,25E-13
RP11-348N5.7	ENSG00000270589.1	0,29	1,415	-0,905	3,3E-53
XXbac-B135H6.15	ENSG00000237476.1	0,68	2,145	-0,905	3,73E-50
AGBL2	ENSG00000165923.15	0,655	2,1	-0,905	3,7E-42
LILRB3	ENSG00000204577.11	0,85	2,465	-0,905	6,54E-28
ABCC5	ENSG00000114770.16	11,25	21,939	-0,905	4,29E-19
SSH3	ENSG00000172830.12	26,975	51,36	-0,904	1,68E-41
MTRF1	ENSG00000120662.15	3,76	7,91	-0,904	9,42E-32
PLD2	ENSG00000129219.13	16,584	31,914	-0,904	2,9E-31
SNAI1	ENSG00000124216.3	1,165	3,05	-0,904	8,05E-15
MUC1	ENSG00000185499.16	17,57	33,748	-0,904	3,5E-09

RP4-563E14.1	ENSG00000273759.1	1,435	3,555	-0,903	8,07E-32
ZNF853	ENSG00000236609.3	3,605	7,61	-0,903	2,75E-30
RBM25	ENSG00000119707.13	26,115	49,712	-0,903	9,83E-16
SSC5D	ENSG00000179954.14	3,375	7,179	-0,903	2,07E-09
S100A3	ENSG00000188015.9	0,53	1,86	-0,902	9,05E-37
KB-1460A1.5	ENSG00000261087.1	0,855	2,465	-0,901	8,84E-55
FAM228B	ENSG00000219626.8	10,485	20,444	-0,901	4,26E-48
PPFIA4	ENSG00000143847.15	0,21	1,26	-0,901	2,24E-35
PLCB2	ENSG00000137841.11	3,54	7,48	-0,901	1,92E-26
CADM3	ENSG00000162706.12	0,69	2,155	-0,901	1,82E-19
DUSP2	ENSG00000158050.4	5,97	12,019	-0,901	1,18E-13
FADS1	ENSG00000149485.16	6,89	13,73	-0,901	9,34E-09
CACNA2D3	ENSG00000157445.14	0,64	2,06	-0,9	1,19E-42
SLC35G2	ENSG00000168917.8	1,475	3,62	-0,9	1,42E-27
DOC2GP	ENSG00000231793.4	0,425	1,66	-0,9	4,45E-23
SLC1A7	ENSG00000162383.11	0,3	1,425	-0,899	8,54E-56
AC141928.1	ENSG00000250986.1	0,26	1,35	-0,899	7,1E-44
PPM1M	ENSG00000164088.17	12,96	25,025	-0,899	5,07E-40
RUNX1T1	ENSG00000079102.16	0,63	2,04	-0,899	5,32E-37
MMP23A	ENSG00000215914.4	3,54	7,465	-0,899	5,72E-22
AC074117.10	ENSG00000234072.1	2,865	6,205	-0,899	6,48E-21
ATP10D	ENSG00000145246.13	3,825	8	-0,899	2,1E-19
TBX5	ENSG00000089225.19	0,475	1,75	-0,899	2,48E-17
RFTN1	ENSG00000131378.13	6,28	12,579	-0,899	2,97E-16
CTD-2047H16.4	ENSG00000263069.5	0,69	2,15	-0,898	1,75E-48
STARD3	ENSG00000131748.15	27,745	52,565	-0,898	1,09E-39
TRIM6	ENSG00000121236.19	0,9	2,54	-0,898	8,03E-34
HRC	ENSG00000130528.11	0,685	2,14	-0,898	8,34E-13
RGS5	ENSG00000143248.12	27,025	51,239	-0,898	0,00016
RP11-574K11.5	ENSG00000224195.1	0,345	1,505	-0,897	7,06E-46
ZSCAN26	ENSG00000197062.11	7,005	13,91	-0,897	6,59E-40
RP11-44N21.1	ENSG00000257556.1	1,53	3,71	-0,897	3,44E-35
ZDHHC1	ENSG00000159714.10	11,29	21,88	-0,897	2,46E-32
MLLT6	ENSG00000275023.4	33,7	63,627	-0,897	7,04E-20
ZNF141	ENSG00000131127.13	4,35	8,96	-0,897	2,53E-19
FAM110D	ENSG00000197245.4	1,55	3,75	-0,897	2,81E-18
PHKA2	ENSG00000044446.11	18,715	35,719	-0,897	8,77E-17
RP11-1081L13.4	ENSG00000254966.1	0,37	1,55	-0,896	6,54E-57
FAM83B	ENSG00000168143.8	0,225	1,28	-0,896	6,11E-29
CAMK1D	ENSG00000183049.12	1,935	4,46	-0,896	1,5E-22
LRRC14	ENSG00000160959.7	16,395	31,36	-0,896	8,84E-22
TRPS1	ENSG00000104447.11	2,885	6,23	-0,896	9,42E-16
HLA-L	ENSG00000243753.5	0,51	1,81	-0,896	8,24E-15
SPOCK3	ENSG00000196104.10	10,93	21,195	-0,896	7,08E-08
HGFAC	ENSG00000109758.8	0,14	1,12	-0,895	7,43E-41
CTD-3064M3.7	ENSG00000271959.1	0,18	1,195	-0,895	5,26E-36

CAPN13	ENSG00000162949.16	1,645	3,92	-0,895	2,91E-10
RP11-616M22.12	ENSG00000277010.1	0,415	1,63	-0,894	9,62E-33
PREX2	ENSG00000046889.18	0,77	2,29	-0,894	1,73E-31
CASC15	ENSG00000272168.5	0,51	1,805	-0,893	3,3E-52
RP5-882C2.2	ENSG00000260793.2	1,82	4,235	-0,893	1,35E-25
WASH7P	ENSG00000226210.3	15,49	29,629	-0,893	5,21E-24
CPNE8	ENSG00000139117.13	1,37	3,4	-0,893	7,29E-21
PSTPIP2	ENSG00000152229.18	4,705	9,595	-0,893	9,9E-17
TPSD1	ENSG00000095917.13	0,465	1,72	-0,893	4,53E-12
FBN1	ENSG00000166147.13	8,86	17,315	-0,893	7,06E-10
FAM160A2	ENSG00000051009.10	22,655	42,905	-0,892	3,84E-33
ADORA2A	ENSG00000128271.19	1,5	3,64	-0,892	1,32E-32
RP11-388C12.8	ENSG00000262410.1	1,01	2,73	-0,892	5,87E-27
RP11-658F2.8	ENSG00000258297.1	10,945	21,165	-0,892	6,59E-25
CLIC3	ENSG00000169583.12	1,705	4,02	-0,892	3,18E-24
PLEKHG4	ENSG00000196155.12	1,61	3,845	-0,892	6,77E-20
C10orf128	ENSG00000204161.13	3,355	7,08	-0,892	9,71E-19
C1R	ENSG00000159403.15	97,22	181,269	-0,892	2,29E-08
RADIL	ENSG00000157927.16	0,895	2,515	-0,891	8,78E-29
PBX2	ENSG00000204304.11	32,879	61,821	-0,891	9,66E-28
PCSK7	ENSG00000160613.12	18,595	35,341	-0,891	4,24E-24
RP11-54O7.17	ENSG00000272512.1	1,06	2,82	-0,891	1,24E-21
PIAS3	ENSG00000131788.15	22,364	42,326	-0,891	4,27E-14
ZNF532	ENSG00000074657.13	29,935	56,379	-0,891	7,44E-09
MT1X	ENSG00000187193.8	196,978	366,024	-0,891	5,41E-06
P2RX6	ENSG00000099957.16	0,16	1,15	-0,89	4,64E-53
ILK	ENSG00000166333.13	116,99	217,662	-0,89	2,96E-32
WDR81	ENSG00000167716.18	10,965	21,18	-0,89	3,38E-32
RP5-1126H10.2	ENSG00000272084.1	0,22	1,26	-0,889	7,14E-68
RP11-722G7.1	ENSG00000269226.7	0,39	1,575	-0,889	1,09E-52
CHAD	ENSG00000136457.9	0,25	1,315	-0,889	1,69E-51
ERICH1	ENSG00000104714.13	7,17	14,125	-0,889	1,34E-27
RUNX2	ENSG00000124813.20	1,81	4,205	-0,889	3,19E-25
SETD4	ENSG00000185917.13	8,075	15,79	-0,888	6,99E-42
YBX2	ENSG0000006047.12	0,48	1,74	-0,888	9,4E-32
RP4-761J14.8	ENSG00000219410.5	9,645	18,694	-0,888	2,52E-24
CTD-2303H24.2	ENSG00000273018.5	1,32	3,294	-0,888	3,81E-08
MAU2	ENSG00000129933.20	17,315	32,879	-0,887	1,96E-18
ST8SIA1	ENSG00000111728.10	3,05	6,49	-0,887	5,46E-12
RIC1	ENSG00000107036.11	3,43	7,185	-0,886	6,63E-21
TSC1	ENSG00000165699.13	6,32	12,525	-0,886	6,99E-20
RP11-118K6.3	ENSG00000273001.1	0,4	1,585	-0,885	2,19E-65
AC009120.3	ENSG00000239763.2	0,34	1,475	-0,885	1,57E-34
ZNF865	ENSG00000261221.3	4,98	10,045	-0,885	8,16E-33
TNFAIP8L3	ENSG00000183578.5	1,29	3,23	-0,885	3,11E-28
SFMBT2	ENSG00000198879.11	2,35	5,185	-0,885	1,88E-10

FAM118A	ENSG00000100376.11	20,134	38,035	-0,885	1,69E-08
CTD-2240E14.4	ENSG00000267387.1	0,1	1,03	-0,884	1,96E-62
AC007038.7	ENSG00000229127.1	0,26	1,325	-0,884	5,25E-50
MOB3C	ENSG00000142961.14	6,96	13,69	-0,884	5,93E-46
GAB3	ENSG00000160219.11	0,485	1,74	-0,884	4,76E-41
ELMOD3	ENSG00000115459.17	12,65	24,185	-0,884	4,25E-39
RP11-500C12.1	ENSG00000279033.1	4,39	8,95	-0,884	5,82E-28
PDZD4	ENSG00000067840.12	4,555	9,255	-0,884	7,63E-28
GALNS	ENSG00000141012.12	11,06	21,255	-0,884	3,86E-23
NBPF19	ENSG00000271383.6	3,845	7,94	-0,884	9,94E-14
ADGRG6	ENSG00000112414.14	1,135	2,94	-0,884	1,94E-12
RP11-666A8.9	ENSG00000267078.1	0,03	0,9	-0,883	4,78E-53
DUSP8P5	ENSG00000235316.1	0,64	2,025	-0,883	4,06E-30
THSD1	ENSG00000136114.15	1,21	3,075	-0,883	6,37E-28
SEMA4C	ENSG00000168758.10	19,185	36,215	-0,883	3,8E-25
CES5AP1	ENSG00000215478.8	0,38	1,545	-0,883	1,01E-18
RP11-34P13.13	ENSG00000241860.6	2,47	5,4	-0,883	1,95E-10
HP	ENSG00000257017.8	0,44	1,655	-0,883	3,76E-10
TMEM176B	ENSG00000106565.17	18,805	35,515	-0,883	7,35E-09
RASL10B	ENSG00000270885.1	0,62	1,985	-0,882	2,38E-43
CTD-3131K8.2	ENSG00000269439.5	1,45	3,515	-0,882	3,11E-39
RMDN2-AS1	ENSG00000235848.4	0,18	1,175	-0,882	2,94E-36
RP11-216L13.19	ENSG00000273066.5	1,765	4,095	-0,882	7,04E-25
BHLHE40	ENSG00000134107.4	38,596	71,958	-0,882	8,44E-13
RP11-91J19.3	ENSG00000272293.1	1,06	2,795	-0,881	1,88E-39
PLEKHM1	ENSG00000225190.8	8,64	16,76	-0,881	5,06E-37
RP11-12A20.7	ENSG00000274911.1	0,67	2,075	-0,881	3,54E-21
GJB3	ENSG00000188910.7	1,045	2,765	-0,881	2,56E-18
TRPC6	ENSG00000137672.12	0,51	1,78	-0,88	6,72E-41
RECQL5	ENSG00000108469.14	16,295	30,834	-0,88	6,43E-31
FHL3	ENSG00000183386.9	10,12	19,47	-0,88	4,08E-22
MPDZ	ENSG00000107186.16	11,175	21,405	-0,88	1,57E-19
HGF	ENSG00000019991.15	1,985	4,495	-0,88	1,12E-07
CTD-3035K23.3	ENSG00000279713.1	0,09	1,005	-0,879	8,23E-65
TMEM143	ENSG00000161558.10	3,015	6,385	-0,879	3,73E-46
ADAD2	ENSG00000140955.10	0,27	1,335	-0,879	1,1E-43
NPIPA2	ENSG00000254852.8	0,125	1,069	-0,879	1,54E-41
PFKFB3	ENSG00000170525.18	8,9	17,205	-0,879	9,88E-19
PTPRE	ENSG00000132334.16	1,465	3,535	-0,879	1,54E-17
HOTTIP	ENSG00000243766.7	4,38	8,895	-0,879	0,0000403
E2F4	ENSG00000205250.8	28,01	52,305	-0,878	6,72E-36
RP11-526I2.5	ENSG00000270127.2	0,65	2,032	-0,878	3,23E-31
INF2	ENSG00000203485.12	20,81	39,075	-0,878	2,77E-28
ZNF160	ENSG00000170949.17	8,19	15,885	-0,878	1,6E-27
ANAPC2	ENSG00000176248.8	31,495	58,72	-0,878	8,1E-26
RP11-561C5.4	ENSG00000229212.7	0,91	2,51	-0,878	1,09E-19

SH2D3C	ENSG00000095370.19	3,39	7,07	-0,878	1,91E-15
DRD4	ENSG00000069696.6	0,19	1,185	-0,877	2,28E-59
C17orf67	ENSG00000214226.8	0,68	2,085	-0,877	3,05E-53
TCEAL1	ENSG00000172465.13	35,414	65,89	-0,877	1E-36
RP1-102E24.8	ENSG00000256433.2	0,5	1,755	-0,877	1,69E-33
CYP2W1	ENSG00000073067.13	0,29	1,37	-0,877	1E-32
BNC2	ENSG00000173068.17	0,75	2,215	-0,877	1,39E-30
SIK3	ENSG00000160584.15	7,25	14,15	-0,877	7,04E-27
RP11-45M22.2	ENSG00000278864.1	0,62	1,975	-0,877	4,9E-26
CREBZF	ENSG00000137504.13	20,854	39,125	-0,877	8,04E-17
AC006547.13	ENSG00000236540.7	1,065	2,79	-0,876	1,79E-39
LA16c-OS12.2	ENSG00000268836.1	0,425	1,615	-0,876	5,03E-39
RIMS4	ENSG00000101098.12	0,31	1,405	-0,876	8,18E-34
LINC01311	ENSG00000260924.2	0,76	2,23	-0,876	1,15E-23
TMOD1	ENSG00000136842.13	6,16	12,144	-0,876	3,49E-22
TBX2-AS1	ENSG00000267280.5	5,13	10,25	-0,876	1,93E-19
SPHK1	ENSG00000176170.13	2,64	5,682	-0,876	3,54E-19
RP11-130L8.2	ENSG00000269976.1	0,36	1,495	-0,875	6,71E-41
HSPA12B	ENSG00000132622.10	1,495	3,575	-0,875	1,3E-28
GADD45A	ENSG00000116717.11	12,08	22,996	-0,875	1,45E-22
LDB1	ENSG00000198728.10	29,065	54,144	-0,875	5,7E-22
ANKRD9	ENSG00000156381.8	6,68	13,09	-0,875	2,09E-20
ADAMTSL2	ENSG00000197859.9	2,36	5,164	-0,875	1,81E-18
SPRY1	ENSG00000164056.10	24,789	46,298	-0,875	7,19E-11
XX-C00717C00720L.1	ENSG00000279182.1	0,23	1,255	-0,874	2,52E-42
RP11-277B15.3	ENSG00000272205.1	0,38	1,53	-0,874	2,33E-36
FAT3	ENSG00000165323.15	0,38	1,53	-0,874	9,9E-26
LRP1	ENSG00000123384.13	32,571	60,541	-0,874	4,59E-12
RASL11A	ENSG00000122035.6	10,965	20,935	-0,874	4,05E-09
ATP6V1G2-DDX39B	ENSG00000254870.5	2,77	5,91	-0,874	4,84E-07
CTC-510F12.7	ENSG00000273733.1	1,37	3,34	-0,873	4,22E-43
RP11-274B21.9	ENSG00000271344.1	0,4	1,565	-0,873	3,28E-35
CAPNS2	ENSG00000256812.1	0,34	1,455	-0,873	2,17E-17
ALPL	ENSG00000162551.13	3,725	7,655	-0,873	4,42E-07
PHF1	ENSG00000112511.17	66,401	122,369	-0,872	6,24E-61
RP11-139K1.2	ENSG00000227560.1	0,15	1,105	-0,872	3,9E-27
AC005306.3	ENSG00000267283.1	0,74	2,185	-0,872	1,36E-22
MSL3	ENSG00000005302.17	12,345	23,425	-0,872	9,43E-22
PFN1P6	ENSG00000227212.3	0,33	1,435	-0,872	7,02E-12
CDC20P1	ENSG00000231007.5	0,26	1,305	-0,871	1,36E-68
PIWIL4	ENSG00000134627.11	0,64	2	-0,871	5,57E-68
TBXA2R	ENSG00000006638.11	0,69	2,09	-0,871	8,34E-42
SMIM3	ENSG00000256235.1	9,76	18,675	-0,871	1,25E-41
CTC-490E21.11	ENSG00000279108.1	0,78	2,255	-0,871	1,29E-32
RP11-690I21.1	ENSG00000237641.1	0,375	1,515	-0,871	6,54E-29
RP11-333E1.2	ENSG00000263164.1	1,19	3,005	-0,871	3,05E-24

ANP32E	ENSG00000143401.14	6,4	12,53	-0,871	2,29E-23
SLC24A3	ENSG00000185052.11	4,08	8,29	-0,871	1,51E-12
DNM3OS	ENSG00000230630.2	0,365	1,495	-0,87	1,13E-62
CTRL	ENSG00000141086.17	0,25	1,285	-0,87	1,14E-50
SEC14L6	ENSG00000214491.8	0,31	1,395	-0,87	1,53E-47
GTF3C2-AS1	ENSG00000234945.7	0,19	1,175	-0,87	8,19E-47
TAS2R5	ENSG00000127366.5	0,28	1,34	-0,87	3,76E-41
MDM1	ENSG00000111554.14	5,145	10,235	-0,87	4,15E-33
UPK3B	ENSG00000243566.6	0,48	1,705	-0,87	5,53E-33
S1PR5	ENSG00000180739.13	0,68	2,07	-0,87	3,53E-19
CAPG	ENSG00000042493.15	47,171	87,014	-0,87	3,25E-16
SPSB1	ENSG00000171621.13	7,565	14,649	-0,87	1,48E-11
CFC1	ENSG00000136698.8	2,725	5,81	-0,87	0,000706
NDNF	ENSG00000173376.13	2,54	5,465	-0,869	9,57E-07
C6orf3	ENSG00000255389.1	0,46	1,665	-0,868	8,65E-63
PPP1R32	ENSG00000162148.10	1,95	4,384	-0,868	4,92E-41
RP11-304C12.5	ENSG00000282556.1	0	0,825	-0,868	4,11E-31
CYYR1	ENSG00000166265.11	3,68	7,54	-0,868	5,19E-15
NPPC	ENSG00000163273.3	0,425	1,6	-0,868	3,98E-12
BAZ2A	ENSG00000076108.11	18,23	34,105	-0,868	1,02E-06
CD300LG	ENSG00000161649.12	0,135	1,07	-0,867	1,32E-43
TMEM45A	ENSG00000181458.10	4,225	8,53	-0,867	5,28E-16
HFE	ENSG0000010704.18	2,47	5,33	-0,867	1,64E-14
SCARNA15	ENSG00000252690.3	0,635	1,98	-0,866	5,13E-24
NRXN1	ENSG00000179915.20	0,35	1,46	-0,866	9,33E-24
RP11-368P15.3	ENSG00000258985.1	0,895	2,455	-0,866	2,91E-21
TNFRSF14	ENSG00000157873.17	68,41	125,539	-0,866	2,65E-17
FAM183A	ENSG00000186973.10	1,95	4,378	-0,866	1,57E-10
FAM43A	ENSG00000185112.5	7,5	14,49	-0,866	3,8E-10
FBLN2	ENSG00000163520.13	10,865	20,632	-0,866	1,6E-07
C3orf35	ENSG00000198590.11	0,43	1,605	-0,865	1,11E-42
MIA	ENSG00000261857.6	1,41	3,39	-0,865	1,64E-21
AL157871.2	ENSG00000259052.1	0,59	1,895	-0,865	5,26E-17
WIPF1	ENSG00000115935.16	7,435	14,36	-0,865	2,12E-14
PPP1R12A	ENSG00000058272.15	19,706	36,71	-0,865	1,85E-10
RP11-175K6.1	ENSG00000245812.2	0,615	1,94	-0,864	1,04E-36
PABPN1	ENSG00000100836.10	89,933	164,46	-0,864	2,48E-23
BTN3A1	ENSG00000026950.16	10,005	19,035	-0,864	4,66E-15
SH2D3A	ENSG00000125731.12	11,82	22,33	-0,864	1,11E-11
LTBP2	ENSG00000119681.11	8,515	16,315	-0,864	3,13E-08
CTD-3222D19.8	ENSG00000279529.1	0,57	1,855	-0,863	6,2E-28
RGS12	ENSG00000159788.18	19,835	36,894	-0,863	1,28E-26
PCBP1-AS1	ENSG00000179818.13	15,485	28,984	-0,863	1,37E-19
RP11-244F12.3	ENSG00000259498.1	1,545	3,629	-0,863	0,00168
RP11-5C23.2	ENSG00000273183.1	0,7	2,09	-0,862	1,23E-45
HAP1	ENSG00000173805.15	0,23	1,235	-0,862	1,09E-44

EXTL3-AS1	ENSG00000246339.5	0,21	1,2	-0,862	4,24E-41
KRT1	ENSG00000167768.4	0,1	1	-0,862	8,39E-34
HIGD1AP11	ENSG00000227644.2	0,07	0,945	-0,862	6,92E-31
RP5-1085F17.3	ENSG00000260257.2	3,89	7,89	-0,862	9,29E-27
SPAG4	ENSG00000061656.9	2,45	5,27	-0,862	3,65E-23
AC000123.3	ENSG00000279265.1	1,585	3,7	-0,862	1,81E-22
CORO1C	ENSG00000110880.10	17,645	32,89	-0,862	1,2E-21
TSPAN7	ENSG00000156298.12	9,965	18,93	-0,862	1,49E-12
EPHB6	ENSG00000106123.11	22,47	41,653	-0,862	3,34E-10
RP11-582E3.6	ENSG00000275764.1	3,64	7,425	-0,861	3,92E-48
IGSF1	ENSG00000147255.17	0,31	1,38	-0,861	5,12E-23
CASQ2	ENSG00000118729.11	1,125	2,86	-0,861	6,46E-09
SNX21	ENSG00000124104.18	11,995	22,59	-0,86	6,91E-41
AP4B1	ENSG00000134262.12	7,25	13,975	-0,86	6,56E-38
PKN3	ENSG00000160447.6	2,28	4,955	-0,86	1,73E-34
RARB	ENSG00000077092.18	4,56	9,089	-0,86	4,84E-20
ACSL4	ENSG00000068366.19	4,485	8,955	-0,86	4,84E-15
KITLG	ENSG00000049130.13	4,965	9,825	-0,86	3,68E-09
ALDH1L2	ENSG00000136010.13	0,45	1,63	-0,859	1,06E-40
RP11-324I22.3	ENSG00000269952.1	0,53	1,775	-0,859	1,18E-31
SHROOM4	ENSG00000158352.15	0,75	2,175	-0,859	2,61E-30
RP11-295P9.12	ENSG00000273474.1	0,29	1,34	-0,859	6,09E-30
HDAC4	ENSG00000068024.16	3,5	7,165	-0,859	1,45E-18
TRPV2	ENSG00000187688.14	3,745	7,604	-0,859	5,21E-17
ESPN	ENSG00000187017.14	3,4	6,98	-0,859	6,91E-17
ARHGAP21	ENSG00000107863.16	9,915	18,8	-0,859	1,37E-16
CTC-296K1.4	ENSG00000267405.1	3,11	6,455	-0,859	4,84E-06
AC012074.2	ENSG00000235072.2	0,39	1,52	-0,858	1,54E-50
TMEM234	ENSG00000160055.19	12,01	22,585	-0,858	1,93E-41
AC017104.6	ENSG00000224376.1	0,68	2,045	-0,858	8,85E-37
TTYH1	ENSG00000167614.13	1,06	2,735	-0,858	9,11E-33
PPM1F	ENSG00000100034.13	7,52	14,44	-0,858	1,96E-28
ABR	ENSG00000159842.14	25,864	47,68	-0,858	6,9E-24
CCDC181	ENSG00000117477.12	0,435	1,6	-0,857	1,61E-53
LA16c-361A3.3	ENSG00000261207.1	0,11	1,01	-0,857	1,12E-47
CTD-2007L18.5	ENSG00000260808.1	0,3	1,355	-0,857	1,94E-32
CTC-542B22.2	ENSG00000263990.1	0,515	1,745	-0,857	4,81E-31
TTYH2	ENSG00000141540.10	1,62	3,745	-0,857	6,45E-31
SCX	ENSG00000260428.2	1,15	2,895	-0,857	2,29E-23
NBPF12	ENSG00000268043.7	4,11	8,255	-0,857	2,87E-21
IDS	ENSG00000010404.17	20,48	37,91	-0,857	4,85E-19
DNAJB4	ENSG00000162616.8	5,4	10,59	-0,857	3,19E-16
SYT11	ENSG00000132718.8	3,545	7,23	-0,857	3,7E-16
VASH1	ENSG00000071246.10	2,53	5,395	-0,857	5,86E-15
NAIP	ENSG00000249437.7	4,835	9,57	-0,857	2,5E-13
IFITM1	ENSG00000185885.15	77,605	141,332	-0,857	6,74E-11

TPPP3	ENSG00000159713.10	6,705	12,954	-0,857	4,52E-07
DEFB124	ENSG00000180383.3	0	0,81	-0,856	4,8E-49
TMEM106A	ENSG00000184988.8	1,005	2,63	-0,856	5,25E-32
HOTAIRM1	ENSG00000233429.9	10,48	19,784	-0,856	5,04E-23
LZTS3	ENSG00000088899.14	5,23	10,275	-0,856	1,9E-20
PRPH2	ENSG00000112619.7	0,2	1,17	-0,855	2,8E-61
ADAMTS7	ENSG00000136378.14	0,52	1,75	-0,855	7,72E-43
WDR60	ENSG00000126870.15	5,44	10,645	-0,855	3,8E-38
FLII	ENSG00000177731.15	103,971	188,83	-0,855	7,94E-37
AP001062.8	ENSG00000241728.5	0,6	1,895	-0,855	1,98E-35
RP11-486L19.2	ENSG00000250685.7	0,18	1,135	-0,855	1,26E-29
AC027601.1	ENSG00000260005.6	0,17	1,115	-0,854	3,9E-56
RP11-361L15.5	ENSG00000280334.1	0,09	0,97	-0,854	6,84E-51
SLC9A5	ENSG00000135740.16	0,38	1,495	-0,854	3,95E-38
CHD1	ENSG00000153922.10	10,125	19,105	-0,854	9E-16
SETD5	ENSG00000168137.15	22,92	42,239	-0,854	7,87E-10
SORCS1	ENSG00000108018.15	0,21	1,185	-0,853	5,11E-48
AIFM3	ENSG00000183773.15	0,73	2,125	-0,853	8,03E-46
HHIP-AS1	ENSG00000248890.1	1,91	4,255	-0,853	3,76E-19
HSD17B13	ENSG00000170509.11	0,5	1,709	-0,853	3,32E-12
RASA4DP	ENSG00000233297.4	0,435	1,59	-0,852	5,21E-34
ANKS3	ENSG00000168096.14	14,225	26,476	-0,852	1,13E-29
ZNF300	ENSG00000145908.12	2	4,414	-0,852	3,55E-21
RPL23AP24	ENSG00000236679.2	0	0,805	-0,852	6,15E-06
TP53AIP1	ENSG00000120471.14	0,43	1,58	-0,851	7,41E-38
RP6-159A1.4	ENSG00000274536.4	0,22	1,2	-0,851	3,28E-36
CH507-396I9.7	ENSG00000277277.2	0,56	1,814	-0,851	1,76E-28
RP11-199F11.2	ENSG00000262251.1	0,96	2,535	-0,851	1,82E-26
EP400	ENSG00000183495.13	10,74	20,17	-0,851	5,26E-20
TIMP1	ENSG00000102265.11	265,671	479,969	-0,851	1,39E-18
GPAT2	ENSG00000186281.12	0,55	1,795	-0,851	3,19E-18
ITGB6	ENSG00000115221.10	1,88	4,195	-0,851	3,15E-15
CCDC74A	ENSG00000163040.14	7,56	14,44	-0,851	1,26E-12
RP11-536C12.1	ENSG00000279254.1	0,14	1,055	-0,85	2,34E-54
PXDC1	ENSG00000168994.13	18,115	33,445	-0,85	3,82E-23
ZFYVE27	ENSG00000155256.17	14,03	26,064	-0,849	1,15E-27
ABCA5	ENSG00000154265.15	10,49	19,695	-0,849	1,26E-20
MYO1F	ENSG00000142347.16	3,31	6,765	-0,849	6E-17
FAM198A	ENSG00000144649.8	1,205	2,97	-0,848	1,52E-34
SCPEP1	ENSG00000121064.12	54,014	98,009	-0,848	1,47E-26
SLC4A3	ENSG00000114923.16	4,87	9,565	-0,848	6,3E-26
GPER1	ENSG00000164850.14	2,77	5,785	-0,848	4,74E-13
PAPSS2	ENSG00000198682.12	2,595	5,47	-0,848	0,000345
SLC25A12	ENSG00000115840.13	9,96	18,72	-0,847	2,85E-35
EBF1	ENSG00000164330.16	1,33	3,19	-0,847	4,16E-24
OAF	ENSG00000184232.8	11,03	20,634	-0,847	2,18E-23

PAPD4	ENSG00000164329.13	12,385	23,074	-0,847	2,7E-23
NEURL3	ENSG00000163121.9	1,14	2,85	-0,847	7,56E-17
PARVG	ENSG00000138964.16	3,41	6,935	-0,847	6,68E-16
ACTN1	ENSG00000072110.13	104,672	189,118	-0,847	9,81E-16
DIO3	ENSG00000197406.7	0,585	1,85	-0,846	4,48E-40
GPX8	ENSG00000164294.13	4,595	9,058	-0,846	3,48E-15
FOXC1	ENSG00000054598.6	3,635	7,33	-0,846	3,01E-12
MT1L	ENSG00000260549.1	14,48	26,825	-0,846	0,000363
KIAA1875	ENSG00000179698.13	0,52	1,73	-0,845	4,39E-24
ANKRD44	ENSG00000065413.16	1,8	4,03	-0,845	1,72E-18
REEP1	ENSG00000068615.16	2,61	5,485	-0,845	3,17E-16
GPR4	ENSG00000177464.4	1,36	3,24	-0,845	2,92E-13
DUSP5	ENSG00000138166.5	7,09	13,529	-0,845	3,53E-08
NFAT5	ENSG00000102908.20	3,475	7,04	-0,845	5,14E-07
CTD-2349P21.12	ENSG00000276250.1	0,535	1,755	-0,844	1,96E-40
PPP2R3B	ENSG00000167393.16	9,835	18,45	-0,844	7,39E-30
RHOQ	ENSG00000119729.10	27,614	50,364	-0,844	9,81E-28
STRA6	ENSG00000137868.18	3,22	6,575	-0,844	2,62E-15
GRB10	ENSG00000106070.17	11,885	22,125	-0,844	1,62E-13
LHFP	ENSG00000183722.7	12,385	23,025	-0,844	5,89E-13
RGPD6	ENSG00000183054.11	9,225	17,355	-0,844	6,14E-12
FIBIN	ENSG00000176971.3	6,02	11,6	-0,844	3,01E-09
CCL21	ENSG00000137077.7	10,915	20,389	-0,844	1,1E-07
ALDH1A1	ENSG00000165092.12	25,491	46,559	-0,844	0,000023
CHRNA10	ENSG00000129749.3	0,46	1,619	-0,843	1,34E-38
ERICH6B	ENSG00000165837.11	0,38	1,475	-0,843	6,07E-35
ARHGEF39	ENSG00000137135.17	0,8	2,23	-0,843	1,24E-22
BATF	ENSG00000156127.6	2,195	4,73	-0,843	2,33E-20
WWC2	ENSG00000151718.15	3,495	7,065	-0,843	2,37E-11
RP11-158I9.5	ENSG00000245869.2	0,06	0,9	-0,842	9,63E-64
RP11-158H5.2	ENSG00000279989.1	0,325	1,375	-0,842	1,77E-34
TRMT1	ENSG00000104907.12	20,11	36,845	-0,842	4,7E-27
SYCP3	ENSG00000139351.14	0,18	1,115	-0,842	2,54E-24
ZNF318	ENSG00000171467.15	4,835	9,46	-0,842	3,44E-18
NUAK1	ENSG00000074590.13	2,235	4,8	-0,842	3,87E-07
CTD-3092A11.1	ENSG00000215302.8	0,68	2,01	-0,841	6,76E-39
JAM3	ENSG00000166086.12	15,95	29,36	-0,841	1,05E-15
MMRN2	ENSG00000173269.13	6,62	12,65	-0,841	5,15E-15
PAX8-AS1	ENSG00000189223.13	5,295	10,275	-0,841	4,76E-07
OLFM4	ENSG00000102837.6	9,563	17,917	-0,841	0,00145
ITGA2B	ENSG00000005961.17	0,24	1,22	-0,84	1,52E-52
TMSB4XP4	ENSG00000223551.1	0,33	1,38	-0,84	6,07E-49
CC2D1A	ENSG00000132024.17	22,895	41,769	-0,84	1,74E-39
SSBP2	ENSG00000145687.15	11,835	21,97	-0,84	1,47E-26
C1orf228	ENSG00000198520.10	2,6	5,445	-0,84	1,19E-25
TRIM52	ENSG00000183718.5	9,275	17,39	-0,84	2,27E-19

C1QTNF6	ENSG00000133466.13	3,305	6,699	-0,839	4,1E-25
MFAP2	ENSG00000117122.13	10,02	18,707	-0,839	1,61E-21
SDCBP2	ENSG00000125775.14	2,475	5,215	-0,839	9,64E-20
ENOSF1	ENSG00000132199.18	43,84	79,195	-0,839	1,56E-11
CXCL1	ENSG00000163739.4	2,85	5,885	-0,839	2,54E-06
FAM127A	ENSG00000134590.13	94,303	169,318	-0,838	5,16E-43
AC090044.2	ENSG00000224239.1	0,08	0,93	-0,838	1,69E-38
ZBED5	ENSG00000236287.7	18,32	33,546	-0,838	1,49E-22
SH3D21	ENSG00000214193.9	3,955	7,86	-0,838	1,58E-12
SLC52A1	ENSG00000132517.14	0,26	1,25	-0,837	3,17E-34
KAZN	ENSG00000189337.15	3,54	7,11	-0,837	8,81E-33
AQP5	ENSG00000161798.6	0,22	1,18	-0,837	2,32E-32
ZNF514	ENSG00000144026.11	8,105	15,265	-0,837	1,02E-22
HAPLN3	ENSG00000140511.11	2,745	5,69	-0,837	6,02E-18
ECSCR	ENSG00000249751.3	7,715	14,565	-0,837	2,41E-14
HCLS1	ENSG00000180353.10	9,555	17,855	-0,837	2,15E-10
CTD-2095E4.5	ENSG00000277511.1	0,4	1,5	-0,836	7,93E-43
RP11-686D22.7	ENSG00000267102.1	0,63	1,91	-0,836	2,15E-35
ARMC12	ENSG00000157343.8	0,89	2,375	-0,836	1,61E-22
TMC8	ENSG00000167895.14	1,685	3,794	-0,836	4,37E-18
C19orf33	ENSG00000167644.11	7,935	14,952	-0,836	0,0000179
MBD1	ENSG00000141644.17	23,165	42,099	-0,835	2,74E-26
FBXW7	ENSG00000109670.13	5,095	9,875	-0,835	6,55E-25
KLHL21	ENSG00000162413.16	15,025	27,58	-0,835	6,47E-23
GIMAP5	ENSG00000196329.10	5,935	11,375	-0,835	4,69E-13
PRSS22	ENSG00000005001.9	12,255	22,641	-0,835	3,91E-11
PHKA2-AS1	ENSG00000237836.5	1,04	2,64	-0,835	7,29E-08
PKNOX2	ENSG00000165495.15	3,44	6,92	-0,835	0,0000417
RP11-804H8.6	ENSG00000273356.1	0,45	1,585	-0,834	1,02E-60
RP11-753H16.3	ENSG00000258137.5	0,17	1,085	-0,834	1,53E-41
TCHP	ENSG00000139437.17	7,68	14,47	-0,834	7,4E-33
AKNA	ENSG00000106948.16	7,935	14,925	-0,834	2,47E-27
RP11-1000B6.3	ENSG00000261064.1	0,82	2,245	-0,834	8,93E-23
ZNF471	ENSG00000196263.7	2,825	5,82	-0,834	1,18E-20
PCED1A	ENSG00000132635.16	31,641	57,184	-0,834	1,77E-15
SH3BGR	ENSG00000185437.13	8,75	16,385	-0,834	2,21E-15
NUDT10	ENSG00000122824.10	5,73	10,995	-0,834	7,75E-15
MAST3	ENSG00000099308.10	2,365	4,995	-0,833	5,79E-24
ME1	ENSG00000065833.8	2,485	5,21	-0,833	9,36E-19
ATAT1	ENSG00000137343.17	10,79	20,004	-0,833	4,16E-16
CTD-3094K11.1	ENSG00000259704.1	1,715	3,835	-0,833	2,23E-11
PDPR	ENSG00000090857.13	5,285	10,199	-0,833	8,12E-11
S100A1	ENSG00000160678.11	1,74	3,88	-0,833	6,7E-09
PSCA	ENSG00000167653.4	33,285	60,089	-0,833	0,0464
LINC00997	ENSG00000281332.1	0,77	2,15	-0,832	2,88E-56
PPP2R5B	ENSG00000068971.13	8,275	15,515	-0,832	7,65E-41

ABCD4	ENSG00000119688.20	23,98	43,477	-0,832	7,82E-30
ZAP70	ENSG00000115085.13	1,37	3,22	-0,832	2,87E-18
CPXM1	ENSG00000088882.7	3,12	6,335	-0,832	4,03E-11
RP11-390K5.6	ENSG00000270060.1	0,29	1,295	-0,831	6,14E-36
MAP3K3	ENSG00000198909.7	13,225	24,314	-0,831	1,27E-22
RAI2	ENSG00000131831.17	14,405	26,4	-0,831	2,28E-21
GIGYF1	ENSG00000146830.9	14,48	26,535	-0,831	9,92E-21
SOCS1	ENSG00000185338.4	2,295	4,86	-0,831	2,17E-19
MED15	ENSG00000099917.17	29,49	53,214	-0,83	6,05E-39
CTC-260F20.3	ENSG00000258674.5	1,52	3,48	-0,83	3,55E-34
NT5C	ENSG00000125458.6	32,31	58,171	-0,829	7,28E-31
CLVS2	ENSG00000146352.12	0,25	1,22	-0,829	2,05E-29
AP000580.1	ENSG00000219529.2	2,43	5,095	-0,829	7,02E-26
RP11-395N3.2	ENSG00000272622.1	0,455	1,585	-0,829	2,6E-20
LINC00960	ENSG00000242516.1	0,25	1,22	-0,829	3,14E-10
STAT5B	ENSG00000173757.9	18,4	33,44	-0,828	1,34E-26
DXO	ENSG00000204348.9	19,17	34,8	-0,828	1,62E-20
SLC39A2	ENSG00000165794.9	0,18	1,095	-0,828	2,84E-13
ARHGEF7	ENSG00000102606.17	20,305	36,813	-0,828	3,59E-12
GUSBP9	ENSG00000215630.6	2,005	4,335	-0,828	4,65E-11
MYOC	ENSG00000034971.14	0,785	2,17	-0,828	6,2E-09
CTD-2260A17.1	ENSG00000248734.2	0,35	1,395	-0,827	5,76E-40
PIP5K1C	ENSG00000186111.8	17,075	31,059	-0,827	7,59E-32
S100A12	ENSG00000163221.8	0,17	1,075	-0,827	8,58E-30
LPCAT2	ENSG00000087253.11	3,23	6,505	-0,827	1,56E-19
FAM110C	ENSG00000184731.5	1,56	3,54	-0,827	3,51E-16
ZDHHC17	ENSG00000186908.14	7,42	13,94	-0,827	2,57E-15
MYOM1	ENSG00000101605.12	1,455	3,355	-0,827	6,99E-11
MAN2A2	ENSG00000196547.14	18,605	33,77	-0,827	2,86E-09
LDHB	ENSG00000111716.12	141,69	252,116	-0,827	1,33E-08
LINC01473	ENSG00000237877.6	0,5	1,66	-0,826	4,97E-62
TMEM243	ENSG00000135185.11	13,435	24,585	-0,826	1,27E-31
IFT81	ENSG00000122970.15	6,5	12,295	-0,826	1,43E-26
FXD5	ENSG00000089327.14	33,405	59,981	-0,826	4,76E-19
ODF3B	ENSG00000177989.13	16,9	30,739	-0,826	1,02E-17
ALDH8A1	ENSG00000118514.13	0,16	1,055	-0,825	3,63E-49
CTD-2382E5.6	ENSG00000278493.1	0,18	1,09	-0,825	1,28E-43
RP11-890B15.3	ENSG00000255455.2	2,39	5,005	-0,825	1,79E-29
SLMO1	ENSG00000141391.13	1,515	3,455	-0,825	2,44E-27
GTF2IRD2	ENSG00000196275.13	13,09	23,96	-0,825	1,96E-25
PRDM2	ENSG00000116731.22	12,045	22,105	-0,825	9,22E-19
JADE2	ENSG00000043143.20	7,32	13,74	-0,825	1,78E-15
TCEB1P19	ENSG00000241975.1	1,32	3,11	-0,825	3,13E-14
RP11-288H12.3	ENSG00000213073.4	0,44	1,55	-0,824	9,79E-36
ACAP1	ENSG00000072818.11	5,5	10,51	-0,824	3,84E-31
RP11-332H14.2	ENSG00000272994.1	0,68	1,975	-0,824	5,48E-28

SRSF5	ENSG00000100650.15	246,389	437,093	-0,824	4,24E-23
PRICKLE1	ENSG00000139174.10	1,51	3,445	-0,824	2,13E-20
FOXO1	ENSG00000150907.6	4,755	9,19	-0,824	3,53E-18
NCKAP1L	ENSG00000123338.12	2,3	4,84	-0,824	1,29E-09
LLNLF-173C4.1	ENSG00000282051.1	21,785	39,315	-0,823	2,1E-16
MMP28	ENSG00000271447.5	4,005	7,855	-0,823	3,61E-15
LIF	ENSG00000128342.4	1,08	2,68	-0,823	3,01E-12
PPARG	ENSG00000132170.19	2,31	4,855	-0,823	1,14E-10
SLCO2B1	ENSG00000137491.14	4,845	9,34	-0,823	1,23E-07
CTD-3185P2.1	ENSG00000261351.2	0,79	2,165	-0,822	2,44E-56
IL1R2	ENSG00000115590.13	0,57	1,775	-0,822	2,4E-32
SLC7A5	ENSG00000103257.8	3,075	6,205	-0,822	3,31E-12
CTC-366B18.4	ENSG00000272040.1	0,61	1,845	-0,821	7,82E-48
DEF8	ENSG00000140995.16	24,02	43,209	-0,821	1,51E-35
BPI	ENSG00000101425.12	1,08	2,675	-0,821	1,18E-25
ZNF558	ENSG00000167785.8	8,155	15,17	-0,821	2,95E-15
AREG	ENSG00000109321.10	1,19	2,869	-0,821	6,2E-09
PIK3IP1-AS1	ENSG00000228839.5	0,3	1,295	-0,82	3,05E-50
PRR14	ENSG00000156858.11	25,025	44,93	-0,82	2,3E-37
RP11-108M9.5	ENSG00000235241.1	0,965	2,47	-0,82	9,2E-26
ANO5	ENSG00000171714.10	0,77	2,125	-0,82	5,61E-19
GIPC3	ENSG00000179855.5	0,885	2,325	-0,819	7,13E-26
TBC1D2	ENSG00000095383.19	5,605	10,655	-0,819	1,44E-25
EDIL3	ENSG00000164176.12	2,33	4,875	-0,819	4,26E-13
RIMS3	ENSG00000117016.9	0,73	2,05	-0,818	1,95E-36
ITGB2-AS1	ENSG00000227039.6	0,415	1,495	-0,818	3,62E-31
RFX2	ENSG00000087903.12	2,855	5,795	-0,818	1,53E-29
GDPD5	ENSG00000158555.14	4,875	9,355	-0,818	6,1E-15
SIPA1L2	ENSG00000116991.10	4,035	7,875	-0,818	3,38E-13
AC005786.7	ENSG00000267436.1	1,655	3,68	-0,818	0,000817
C1orf145	ENSG00000162913.9	0,47	1,59	-0,817	6,1E-42
UCP3	ENSG00000175564.12	0,55	1,73	-0,817	1,61E-35
FERP1	ENSG00000232149.1	0,3	1,29	-0,817	1,46E-24
NDP	ENSG00000124479.8	1,205	2,885	-0,817	2,56E-10
LINC01341	ENSG00000227953.6	3,545	7,01	-0,817	0,000104
DHX16	ENSG00000204560.9	16,725	30,213	-0,816	3,9E-35
RP11-762L8.6	ENSG00000278989.1	0,42	1,5	-0,816	1,24E-34
LINC01372	ENSG00000235475.1	0,48	1,605	-0,816	1,06E-25
TTC7A	ENSG00000068724.15	6,385	12	-0,816	1,09E-24
RABL2B	ENSG00000079974.17	14,3	25,935	-0,816	2,39E-24
TEAD2	ENSG00000074219.13	13,635	24,769	-0,816	4,03E-14
SRRM1	ENSG00000133226.16	48,431	86,04	-0,816	3,71E-13
DKK1	ENSG00000107984.9	2,215	4,66	-0,816	3,32E-07
RP11-178H8.7	ENSG00000279696.1	0,37	1,41	-0,815	3,2E-47
RP11-430G17.3	ENSG00000271200.1	0,29	1,27	-0,815	2,24E-38
AC010883.5	ENSG00000234936.1	0,83	2,22	-0,815	1,87E-37

RP11-254F7.2	ENSG00000260077.1	2,655	5,43	-0,815	1,14E-34
CDAN1	ENSG00000140326.12	8,305	15,37	-0,815	1,05E-31
AC145124.2	ENSG00000255495.1	1,475	3,355	-0,815	3,76E-25
PRKG1	ENSG00000185532.14	1,04	2,59	-0,815	7,76E-22
DOC2B	ENSG00000272636.3	1,115	2,72	-0,815	1,33E-19
PRKAB2	ENSG00000131791.7	5,185	9,88	-0,815	2,49E-17
RP11-334C17.5	ENSG00000262580.5	9,175	16,904	-0,815	3,37E-10
ID2	ENSG00000115738.9	52,381	92,892	-0,815	3,73E-10
FOXD2-AS1	ENSG00000237424.1	0,78	2,13	-0,814	3,85E-33
RP11-787I22.3	ENSG00000271730.1	0,34	1,355	-0,814	3,47E-32
PLCL2	ENSG00000154822.15	1,065	2,63	-0,814	9,42E-27
ITPRIPL1	ENSG00000198885.9	0,59	1,795	-0,814	2,3E-24
KCNJ3	ENSG00000162989.4	0,34	1,355	-0,814	6,38E-10
RP11-350N15.6	ENSG00000272159.1	0,19	1,09	-0,813	8,17E-51
CTC-479C5.12	ENSG00000261884.2	1,04	2,585	-0,813	3,97E-31
ANKRD6	ENSG00000135299.16	3,625	7,125	-0,813	7,04E-11
IL16	ENSG00000172349.16	2,575	5,28	-0,813	4,86E-10
FKBP10	ENSG00000141756.18	28,565	50,931	-0,813	8,16E-09
BAIAP2L2	ENSG00000128298.16	0,6	1,81	-0,813	0,00958
ZNF34	ENSG00000196378.11	3,34	6,62	-0,812	1,59E-49
RP4-671G15.2	ENSG00000273483.1	0,29	1,265	-0,812	3,46E-47
RP4-756H11.5	ENSG00000275400.1	11,835	21,535	-0,812	2,97E-44
KIAA1683	ENSG00000130518.16	1,46	3,32	-0,812	2,07E-17
RGL1	ENSG00000143344.15	4,325	8,35	-0,812	3,86E-14
AHR	ENSG00000106546.12	5,09	9,69	-0,812	1,77E-09
NOL8	ENSG00000198000.11	12,655	22,954	-0,811	2,25E-25
NAA40	ENSG00000110583.12	5,725	10,795	-0,811	6,35E-22
RP11-13K12.1	ENSG00000267506.5	0,26	1,21	-0,811	1,96E-16
PTCD3	ENSG00000132300.18	18,83	33,78	-0,811	2,65E-13
DAB1	ENSG00000173406.15	0,585	1,78	-0,811	9,36E-12
MX2	ENSG00000183486.12	2,36	4,895	-0,811	2,77E-07
RP11-53O19.1	ENSG00000251141.5	1,17	2,805	-0,81	3,75E-29
RP11-305M3.2	ENSG00000238072.1	6,34	11,865	-0,81	3,18E-09
METTL22	ENSG00000067365.14	12,09	21,93	-0,809	1,95E-49
RP11-795F19.1	ENSG00000261126.7	0,55	1,715	-0,809	3,73E-45
CNR1	ENSG00000118432.12	0,17	1,05	-0,809	9,79E-43
CACNB2	ENSG00000165995.18	2,83	5,71	-0,809	2,37E-27
KCNE4	ENSG00000152049.6	1,02	2,54	-0,809	2,64E-24
POU2AF1	ENSG00000110777.11	0,73	2,03	-0,809	2,99E-19
SLC46A3	ENSG00000139508.14	3,03	6,06	-0,809	9,56E-16
NEB	ENSG00000183091.19	1,14	2,75	-0,809	0,000163
ACADL	ENSG00000115361.7	9,25	16,959	-0,809	0,00321
RP11-661A12.8	ENSG00000279605.1	0,63	1,855	-0,808	7,06E-38
INTS6-AS1	ENSG00000236778.7	2,375	4,91	-0,808	8,57E-38
BRD8	ENSG00000112983.17	25,61	45,58	-0,808	1,51E-23
LINC00865	ENSG00000232229.5	1,935	4,14	-0,808	1,08E-13

RANP4	ENSG00000225125.2	0,46	1,555	-0,807	9,17E-35
PARP2	ENSG00000129484.13	10,695	19,461	-0,807	1,85E-29
RP1-257A7.5	ENSG00000272379.1	1,54	3,445	-0,807	4,74E-25
CASKIN2	ENSG00000177303.9	8,515	15,645	-0,807	1,38E-22
ANKRD36C	ENSG00000174501.14	0,84	2,22	-0,807	1,56E-21
POLE	ENSG00000177084.16	11,99	21,72	-0,807	3,1E-19
TYMP	ENSG00000025708.12	14,6	26,287	-0,807	4,5E-15
USP32P1	ENSG00000188933.14	2,755	5,57	-0,807	0,000495
SIGLEC10	ENSG00000142512.14	1,42	3,23	-0,806	1,25E-09
RMST_9	ENSG00000276398.1	0,43	1,5	-0,806	9,57E-09
UBE2QL1	ENSG00000215218.3	1,41	3,21	-0,805	7,2E-22
JAM2	ENSG00000154721.14	5,235	9,89	-0,805	1,77E-18
S100A2	ENSG00000196754.10	12,77	23,066	-0,805	2,84E-10
TMTC1	ENSG00000133687.15	2,32	4,799	-0,805	1,7E-09
CAPN10-AS1	ENSG00000260942.1	0,69	1,95	-0,804	2,22E-25
POLI	ENSG00000101751.10	12,69	22,895	-0,804	5,59E-23
RP11-61L23.2	ENSG00000253882.6	2,23	4,64	-0,804	9,56E-22
EGLN3	ENSG00000129521.13	4,105	7,915	-0,804	6,86E-20
STAG3L3	ENSG00000174353.17	10,455	19,005	-0,804	3,56E-13
ISLR	ENSG00000129009.12	23,88	42,436	-0,804	8,99E-11
FLYWCH1	ENSG00000059122.16	20,345	36,23	-0,803	4E-41
ENKD1	ENSG00000124074.11	16,075	28,784	-0,803	3,48E-35
ZNF846	ENSG00000196605.7	6,865	12,725	-0,803	4,25E-30
PRMT5-AS1	ENSG00000237054.9	0,29	1,25	-0,803	2,36E-28
ITSN2	ENSG00000198399.14	13,105	23,615	-0,803	1,94E-22
GPSM1	ENSG00000160360.11	10,765	19,52	-0,803	2,18E-15
RP11-345P4.7	ENSG00000269737.1	0,565	1,73	-0,803	2,97E-15
RP11-139H15.5	ENSG00000276533.1	1,745	3,79	-0,803	6,53E-09
LIN37	ENSG00000267796.7	7,145	13,205	-0,802	1,48E-39
IL15	ENSG00000164136.16	1,59	3,515	-0,802	3,17E-30
PAQR8	ENSG00000170915.8	1,85	3,97	-0,802	2,48E-23
ARPC4-TTLL3	ENSG00000250151.9	3,84	7,44	-0,802	3,57E-19
DNAJC19P5	ENSG00000225808.1	0,28	1,23	-0,801	5,16E-44
RP11-6L6.4	ENSG00000279845.1	0,38	1,405	-0,801	3,37E-32
CNTRL	ENSG00000119397.16	3,385	6,64	-0,801	2,41E-29
DDX51	ENSG00000185163.9	10,775	19,52	-0,801	2,12E-26
LRRC70	ENSG00000186105.7	1,14	2,725	-0,8	6,44E-32
CTD-2089N3.2	ENSG00000251573.2	0,39	1,42	-0,8	2,37E-31
RP11-434H6.7	ENSG00000273437.1	2,82	5,65	-0,8	1,18E-26
SAMD9L	ENSG00000177409.11	1,575	3,484	-0,8	9,99E-13
FILIP1L	ENSG00000168386.18	12,7	22,861	-0,8	5,25E-07
NR4A2	ENSG00000153234.13	5,52	10,348	-0,8	0,000124
LRRC17	ENSG00000128606.12	1,5	3,35	-0,799	1,35E-33
CTB-39G8.3	ENSG00000267344.1	0,5	1,61	-0,799	1,18E-26
RP11-203B9.4	ENSG00000226803.7	0,98	2,445	-0,799	8,48E-24
DBH-AS1	ENSG00000225756.1	0,425	1,48	-0,799	7,01E-23

SMAD7	ENSG00000101665.8	9,63	17,495	-0,799	8,04E-19
TCN2	ENSG00000185339.8	9,27	16,865	-0,799	3,02E-17
TMEM110-MUSTN1	ENSG00000248592.7	1,6	3,525	-0,799	3,2E-13
WASH1	ENSG00000181404.15	9,695	17,595	-0,798	6,27E-35
DGKG	ENSG00000058866.14	0,34	1,33	-0,798	2,3E-32
FBRS	ENSG00000156860.15	34,185	60,156	-0,798	9,73E-20
PLEKHO2	ENSG00000241839.9	8,65	15,775	-0,798	2,21E-17
CDKL1	ENSG00000100490.9	2,52	5,119	-0,798	2,33E-09
RP11-666A8.12	ENSG00000272386.1	0,2	1,085	-0,797	1,12E-44
KRBOX4	ENSG00000147121.15	7,045	12,98	-0,797	1,22E-25
ZCCHC11	ENSG00000134744.13	19,74	35,035	-0,797	5,9E-23
CDA	ENSG00000158825.5	1,915	4,065	-0,797	8,38E-14
KRT6A	ENSG00000205420.10	0,62	1,815	-0,797	1,19E-07
RP11-631N16.2	ENSG00000257354.2	0,23	1,135	-0,796	3,43E-52
KCND1	ENSG00000102057.9	0,59	1,76	-0,796	2,2E-48
TSSK3	ENSG00000162526.6	0,67	1,899	-0,796	5,27E-29
GFRA3	ENSG00000146013.10	0,69	1,935	-0,796	1,99E-18
OSMR	ENSG00000145623.12	8,925	16,235	-0,796	5,82E-08
D4S234E	ENSG00000168824.14	4,28	8,169	-0,796	3,56E-07
POLR2J2	ENSG00000228049.7	0,49	1,585	-0,795	1,41E-35
LINC01481	ENSG00000257815.5	5,29	9,91	-0,795	2,28E-32
XXbac-BPG157A10.2	ENSG00000272217.1	0,395	1,42	-0,795	2,14E-31
CMB9-94B1.2	ENSG00000276505.1	0,32	1,29	-0,795	1,4E-30
RP11-471B22.2	ENSG00000258424.1	0,17	1,03	-0,795	4,67E-29
FAM65A	ENSG00000039523.17	25,359	44,75	-0,795	1,03E-27
TMCO6	ENSG00000113119.12	7	12,879	-0,795	6,54E-24
ZDHHC11B	ENSG00000206077.10	1,115	2,67	-0,795	4,7E-23
KCNK5	ENSG00000164626.8	0,965	2,41	-0,795	1,52E-22
DIXDC1	ENSG00000150764.13	7,44	13,64	-0,795	2,75E-10
EXOC3L2	ENSG00000130201.7	2,58	5,21	-0,795	3,38E-10
OLFML3	ENSG00000116774.11	21,184	37,5	-0,795	7,14E-10
CTRC	ENSG00000162438.11	0,05	0,82	-0,794	3,29E-56
MUM1	ENSG00000160953.14	18,245	32,37	-0,794	4,7E-28
NCF4	ENSG00000100365.14	2,425	4,94	-0,794	2,68E-24
AF129408.17	ENSG00000272991.1	0	0,734	-0,794	2,16E-23
POMT2	ENSG00000009830.11	8,705	15,824	-0,794	1,15E-19
PROCR	ENSG00000101000.4	6,86	12,624	-0,794	4,65E-19
TIE1	ENSG00000066056.13	5,97	11,088	-0,794	1,66E-13
LINC00693	ENSG00000228214.6	1,145	2,72	-0,794	8,45E-11
PAN3-AS1	ENSG00000261485.1	0,83	2,17	-0,793	2,91E-54
RP11-795F19.5	ENSG00000267127.6	0,4	1,425	-0,793	3,26E-45
NGF	ENSG00000134259.3	0,495	1,59	-0,793	6,7E-44
POLG2	ENSG00000256525.6	5,97	11,08	-0,793	2,25E-23
SACS	ENSG00000151835.13	2,055	4,294	-0,793	8,28E-19
PLA2G5	ENSG00000127472.10	7,895	14,409	-0,793	7,74E-13
MEG8	ENSG00000258399.6	0,06	0,835	-0,792	2,67E-58

ZNF177	ENSG00000188629.11	1,88	3,985	-0,792	2,44E-32
RP11-500G10.5	ENSG00000277218.1	0,4	1,425	-0,792	1,01E-31
ARHGAP24	ENSG00000138639.17	1,92	4,055	-0,792	5,16E-20
GRAMD4	ENSG00000075240.16	4,99	9,37	-0,792	5,65E-19
CYP11A1	ENSG00000140459.17	0,28	1,215	-0,791	3,21E-52
RP11-107N15.1	ENSG00000273209.1	0,37	1,37	-0,791	1,78E-51
RP11-585P4.6	ENSG00000273987.1	0,52	1,63	-0,791	1,54E-47
FO538757.2	ENSG00000279457.3	20,025	35,387	-0,791	5E-40
SERTAD4-AS1	ENSG00000203706.8	3,36	6,545	-0,791	6,98E-30
PIGG	ENSG00000174227.15	25,034	44,045	-0,791	6,9E-22
SLC9B2	ENSG00000164038.14	2,17	4,485	-0,791	2,56E-16
PYGL	ENSG00000100504.16	8,785	15,93	-0,791	1,83E-12
GPX7	ENSG00000116157.5	5,245	9,805	-0,791	2,88E-11
TMEM252	ENSG00000181778.4	0,65	1,855	-0,791	4,12E-10
MX1	ENSG00000157601.13	10,865	19,535	-0,791	1,04E-07
NPAS4	ENSG00000174576.8	0,07	0,85	-0,79	2,27E-54
PPIEL	ENSG00000243970.1	0,35	1,335	-0,79	6,01E-48
RP11-459I19.1	ENSG00000272555.1	0,165	1,015	-0,79	7,37E-43
MASP2	ENSG00000009724.16	0,29	1,23	-0,79	8,52E-38
RP11-318E3.4	ENSG00000240180.1	0,255	1,17	-0,79	3,19E-28
RP11-478C6.6	ENSG00000251188.1	0,495	1,585	-0,79	9,63E-28
SLC38A2	ENSG00000134294.13	32,1	56,244	-0,79	5,8E-12
FBXL12	ENSG00000127452.8	10,865	19,5	-0,789	2,27E-39
CFLAR-AS1	ENSG00000226312.7	0,27	1,195	-0,789	2,3E-36
RP4-614O4.13	ENSG00000279253.1	2,34	4,77	-0,789	4,25E-29
N4BP2L2	ENSG00000244754.8	39,349	68,695	-0,789	3,85E-25
RP11-112J3.16	ENSG00000227388.2	0,895	2,275	-0,789	3,28E-21
ZMIZ2	ENSG00000122515.14	38,64	67,477	-0,789	5,66E-21
SULT1A4	ENSG00000213648.10	2,415	4,9	-0,789	1,66E-13
TMEM71	ENSG00000165071.14	0,52	1,625	-0,788	3,83E-43
RAB12	ENSG00000206418.3	12,005	21,45	-0,788	1,18E-30
TICRR	ENSG00000140534.13	0,32	1,28	-0,788	1,55E-29
PIAS1	ENSG00000033800.13	11,025	19,77	-0,788	1,09E-15
BCL2	ENSG00000171791.11	3,17	6,2	-0,788	4,2E-14
FZD10	ENSG00000111432.4	1,105	2,635	-0,788	1,8E-12
ADCY7	ENSG00000121281.12	1,065	2,565	-0,788	1,42E-10
MEF2C	ENSG00000081189.13	3,985	7,61	-0,788	1,65E-07
RYR3	ENSG00000198838.11	0,31	1,26	-0,787	1,32E-40
DSTNP2	ENSG00000248593.3	2,1	4,35	-0,787	1,03E-38
FAM212B	ENSG00000197852.9	1,64	3,555	-0,787	5,86E-36
FAM179A	ENSG00000189350.12	0,22	1,105	-0,787	2,34E-31
C1orf132	ENSG00000203709.9	0,455	1,51	-0,787	6,59E-28
FBXO31	ENSG00000103264.15	13,255	23,594	-0,787	5E-27
AP000442.1	ENSG00000255139.1	1,19	2,78	-0,787	1,97E-26
CDC42EP4	ENSG00000179604.9	23,595	41,439	-0,787	1,25E-20
GAL3ST4	ENSG00000197093.10	2,2	4,52	-0,787	4,53E-20

MITF	ENSG00000187098.14	3,15	6,16	-0,787	9,36E-15
ITGA9	ENSG00000144668.11	2,99	5,885	-0,787	6,96E-11
TCF4	ENSG00000196628.13	6,155	11,35	-0,787	3,14E-07
NOVA2	ENSG00000104967.6	0,45	1,5	-0,786	5,59E-36
S1PR2	ENSG00000267534.2	2,325	4,735	-0,786	2,35E-34
TRMT10B	ENSG00000165275.9	5,97	11,02	-0,786	2,18E-32
MAP7D3	ENSG00000129680.15	1,59	3,465	-0,786	3,58E-27
CELSR2	ENSG00000143126.7	4,215	7,995	-0,786	2,16E-19
TNK2	ENSG00000061938.16	32,2	56,262	-0,786	2,66E-07
C16orf52	ENSG00000185716.11	6,015	11,09	-0,785	7,49E-23
UBXN10	ENSG00000162543.5	0,61	1,775	-0,785	9,17E-22
RP1-151F17.1	ENSG00000229931.1	0,99	2,43	-0,785	9,46E-21
CTD-2006C1.2	ENSG00000219665.8	4,885	9,135	-0,784	1,62E-39
GS1-259H13.2	ENSG00000244219.6	0,62	1,79	-0,784	4,14E-31
RASAL3	ENSG00000105122.12	1,935	4,055	-0,784	3,55E-19
ZBTB46	ENSG00000130584.10	1,775	3,775	-0,783	1,34E-34
GRIK2	ENSG00000164418.19	0,43	1,46	-0,783	2,83E-29
PSME2P2	ENSG00000225131.2	1,99	4,145	-0,783	4,21E-21
SLC29A1	ENSG00000112759.16	15,03	26,58	-0,783	8,05E-14
CTC-296K1.3	ENSG00000267505.1	1,595	3,465	-0,783	7,31E-10
SLC2A3	ENSG00000059804.15	7,415	13,475	-0,783	1,75E-08
CACNA2D4	ENSG00000151062.14	0,925	2,31	-0,782	8,46E-37
P2RY2	ENSG00000175591.11	0,335	1,295	-0,782	4,4E-33
SAFB2	ENSG00000130254.11	46,581	80,82	-0,782	2,75E-27
TGFBI	ENSG00000120708.16	30,62	53,38	-0,782	1,15E-15
PGAP1	ENSG00000197121.14	1,58	3,435	-0,782	2,97E-14
FZD7	ENSG00000155760.2	8,88	15,99	-0,782	1,13E-10
RP11-531F16.4	ENSG00000273261.1	1,745	3,72	-0,782	1,11E-07
CD36	ENSG00000135218.17	1,615	3,495	-0,782	0,0000457
COPS7B	ENSG00000144524.17	21,475	37,62	-0,781	1,53E-33
UACA	ENSG00000137831.14	16,535	29,124	-0,781	8,7E-28
HAUS7	ENSG00000213397.10	16,205	28,541	-0,78	1,82E-48
KCNJ15	ENSG00000157551.17	0,485	1,55	-0,78	2,79E-28
DEPDC7	ENSG00000121690.9	0,54	1,645	-0,78	2,4E-25
ATP2A1	ENSG00000196296.13	1,065	2,545	-0,78	6,56E-24
STK10	ENSG00000072786.12	3,98	7,55	-0,78	4,34E-22
SRGAP2	ENSG00000266028.7	6,29	11,515	-0,78	3,7E-17
DACT1	ENSG00000165617.14	3,25	6,3	-0,78	1,17E-12
COL1A2	ENSG00000164692.17	117,026	201,613	-0,78	1,58E-07
EPHA3	ENSG00000044524.10	5,84	10,744	-0,78	0,000522
LINC01410	ENSG00000238113.6	0,16	0,99	-0,779	3,81E-52
GTF2H4	ENSG00000213780.10	12,49	22,14	-0,779	3,02E-39
AC005785.5	ENSG00000279203.1	0,3	1,23	-0,779	7,08E-34
RP11-876N24.3	ENSG00000280153.1	0,97	2,38	-0,779	7,77E-31
CTD-2020K17.3	ENSG00000233175.2	1,73	3,685	-0,779	3,25E-20
ZNF316	ENSG00000205903.6	11,54	20,525	-0,779	1,08E-11

FNDC4	ENSG00000115226.9	7,02	12,76	-0,779	7,52E-10
ATCAY	ENSG00000167654.17	0,655	1,84	-0,779	4,84E-09
TNNI2	ENSG00000130598.15	0,62	1,78	-0,779	1,77E-08
IL20RB	ENSG00000174564.12	0,37	1,35	-0,778	4,59E-44
VCPKMT	ENSG00000100483.13	3,735	7,12	-0,778	2,27E-40
HCG4P3	ENSG00000237669.1	0,545	1,65	-0,778	2,03E-39
SPATA6L	ENSG00000106686.16	0,86	2,19	-0,778	3,96E-34
CBWD7	ENSG00000215126.10	6,955	12,645	-0,778	3,83E-28
VPS39	ENSG00000166887.15	26,455	46,094	-0,778	6,43E-27
SENP5	ENSG00000119231.10	5,9	10,83	-0,778	2,13E-25
ADAP1	ENSG00000105963.13	3,455	6,64	-0,778	1,36E-22
SAMHD1	ENSG00000101347.8	10,225	18,25	-0,778	7,2E-09
GABRP	ENSG00000094755.16	3,135	6,09	-0,778	3,13E-08
NTRK2	ENSG00000148053.15	1,135	2,66	-0,778	3,65E-08
RP11-536K7.3	ENSG00000232807.2	1,07	2,55	-0,778	1,92E-07
TBX6	ENSG00000149922.10	0,78	2,05	-0,777	3,62E-45
MED24	ENSG00000008838.17	34,801	60,346	-0,777	1,89E-33
HSPB1	ENSG00000106211.8	529,247	907,874	-0,777	9,95E-24
LMO2	ENSG00000135363.11	6,675	12,155	-0,777	6,67E-22
CLEC14A	ENSG00000176435.6	6,375	11,635	-0,777	1,46E-08
TMEM158	ENSG00000249992.1	6,06	11,1	-0,777	4,76E-07
PROCA1	ENSG00000167525.13	1,21	2,785	-0,776	4,05E-40
MOCS1	ENSG00000124615.17	4,615	8,615	-0,776	2,31E-18
AC008746.5	ENSG00000235681.1	0,46	1,5	-0,776	2,37E-14
DOCK5	ENSG00000147459.17	4,78	8,895	-0,776	2,3E-11
NBPF15	ENSG00000266338.6	9,995	17,83	-0,776	0,000401
P3H2	ENSG00000090530.9	14,674	25,835	-0,776	0,0393
ANO2	ENSG00000047617.14	0,54	1,635	-0,775	2,77E-32
SIRT7	ENSG00000187531.13	12,175	21,545	-0,775	4,24E-30
SLC7A6OS	ENSG00000103061.11	6,015	11,005	-0,775	1,37E-26
XPC	ENSG00000154767.14	17,34	30,391	-0,775	1,04E-24
C11orf70	ENSG00000137691.12	1,58	3,415	-0,775	1,07E-24
GTPBP3	ENSG00000130299.16	10,435	18,564	-0,775	2,08E-13
ABLIM1	ENSG00000099204.18	9,485	16,94	-0,775	1,71E-09
ADAMTSL1	ENSG00000178031.15	2,465	4,93	-0,775	0,0067
RP11-265E18.1	ENSG00000272905.1	0,14	0,95	-0,774	5,07E-57
DDX12P	ENSG00000214826.5	0,33	1,275	-0,774	3,34E-45
DCUN1D2	ENSG00000150401.14	5,57	10,235	-0,774	1,98E-31
PIP5K1B	ENSG00000107242.17	1,015	2,445	-0,774	1,36E-29
OR2A9P	ENSG00000228960.5	3,82	7,24	-0,774	1,58E-25
KLRK1	ENSG00000213809.8	1,1	2,59	-0,774	4,34E-21
FBLIM1	ENSG00000162458.12	31,621	54,774	-0,774	7,17E-21
GIT2	ENSG00000139436.20	9,225	16,48	-0,774	6,34E-16
DPYD	ENSG00000188641.12	3,97	7,5	-0,774	8,61E-11
WASH3P	ENSG00000185596.16	28,55	49,485	-0,773	8,45E-45
RP11-186N15.3	ENSG00000228302.2	0,32	1,255	-0,773	4,9E-35

RBM20	ENSG00000203867.7	0,18	1,015	-0,772	3,04E-42
RP11-642A1.2	ENSG00000279766.1	0,37	1,34	-0,772	1,87E-38
PPARGC1B	ENSG00000155846.16	0,54	1,63	-0,772	6,72E-38
KCNC3	ENSG00000131398.13	1,485	3,245	-0,772	7,14E-18
KDM4A-AS1	ENSG00000236200.5	1,33	2,98	-0,772	3,05E-17
SRL	ENSG00000185739.13	0,47	1,51	-0,772	9,4E-13
ANO6	ENSG00000177119.15	8,53	15,269	-0,772	6,35E-11
RNF19A	ENSG00000034677.11	13,41	23,609	-0,772	3,1E-10
KLHL41	ENSG00000239474.6	0,59	1,715	-0,772	0,000773
RP11-1348G14.8	ENSG00000275807.1	0,33	1,27	-0,771	1,04E-36
IGF2BP2	ENSG00000073792.15	0,5	1,56	-0,771	2,47E-34
DOT1L	ENSG00000104885.17	4,415	8,24	-0,771	4,49E-10
SOCS2-AS1	ENSG00000246985.7	16,535	28,914	-0,771	6,67E-06
CPA3	ENSG00000163751.3	5,745	10,513	-0,771	0,0000314
SPIN2A	ENSG00000147059.8	0,22	1,08	-0,77	1,44E-62
PARP15	ENSG00000173200.12	0,22	1,08	-0,77	6,71E-30
RP4-583P15.10	ENSG00000229299.2	0,22	1,08	-0,77	1,95E-28
CCDC28B	ENSG00000160050.14	4,02	7,56	-0,77	2,27E-28
C14orf132	ENSG00000227051.5	2,53	5,02	-0,77	3,52E-26
ERF	ENSG00000105722.9	18,15	31,656	-0,77	9,01E-26
AC139100.4	ENSG00000278000.1	0,56	1,66	-0,77	1,14E-23
IFT172	ENSG00000138002.14	14,095	24,729	-0,769	7,8E-32
RDH10-AS1	ENSG00000250295.6	0,11	0,89	-0,768	2,06E-38
SLC27A3	ENSG00000143554.13	18,579	32,346	-0,768	2,66E-27
HLA-K	ENSG00000230795.2	0,835	2,125	-0,768	6,46E-20
KIAA0753	ENSG00000198920.9	5,015	9,245	-0,768	4,1E-17
KLHL42	ENSG00000087448.9	6,1	11,09	-0,768	4,27E-16
MSLN	ENSG00000102854.14	0,6	1,725	-0,768	9,68E-15
SULT1C4	ENSG00000198075.9	1,66	3,53	-0,768	0,00012
SEC16B	ENSG00000120341.18	0,675	1,85	-0,767	2,42E-36
TUBB6	ENSG00000176014.12	41,93	72,073	-0,767	1,27E-29
CD27-AS1	ENSG00000215039.6	35,346	60,848	-0,767	8,79E-26
XXbac-BPGBPG55C2	ENSG00000272541.1	0,645	1,8	-0,767	3,97E-22
C7orf43	ENSG00000146826.14	14,63	25,604	-0,767	6,8E-22
LRRC39	ENSG00000122477.12	0,36	1,315	-0,767	2,53E-16
RCOR3	ENSG00000117625.13	18,545	32,255	-0,767	1,44E-14
HSPA2	ENSG00000126803.9	3,35	6,4	-0,767	2,04E-12
SH2B3	ENSG00000111252.10	3,27	6,265	-0,767	7,96E-12
RP11-395I14.2	ENSG00000253476.1	0,07	0,82	-0,766	4,82E-49
CARD9	ENSG00000187796.13	0,89	2,215	-0,766	3,54E-42
HNRNPA1P16	ENSG00000262333.1	0,95	2,315	-0,766	2,44E-29
RP11-333E1.1	ENSG00000261879.5	1,645	3,499	-0,766	7,63E-28
RP11-1280N14.3	ENSG00000251634.2	0,335	1,27	-0,766	7,84E-28
TMEM139	ENSG00000178826.10	0,72	1,925	-0,766	3,68E-21
LMO4	ENSG00000143013.12	28,984	49,985	-0,766	1,3E-17
RP11-128A17.1	ENSG00000259460.1	1,3	2,91	-0,766	1,59E-12

FBXO32	ENSG00000156804.7	33,779	58,141	-0,766	9,63E-12
S1PR1	ENSG00000170989.8	5,925	10,775	-0,766	1,07E-08
PLAG1	ENSG00000181690.7	0,23	1,09	-0,765	4,57E-58
CRTAC1	ENSG00000095713.13	0,7	1,89	-0,765	6,35E-25
ZSCAN30	ENSG00000186814.12	6,17	11,185	-0,765	1,88E-16
WNT3A	ENSG00000154342.5	0,38	1,345	-0,765	2,51E-15
IGFBP7	ENSG00000163453.11	270,586	460,624	-0,765	2,19E-10
MAMSTR	ENSG00000176909.11	0,72	1,92	-0,764	1,08E-37
ZNF580	ENSG00000213015.8	30,795	52,989	-0,764	7,01E-29
USP31	ENSG00000103404.14	2,95	5,71	-0,764	2,77E-21
LONRF1	ENSG00000154359.12	10,975	19,329	-0,764	1,05E-15
ARSJ	ENSG00000180801.12	1,82	3,79	-0,764	2,33E-10
C8orf58	ENSG00000241852.9	4,47	8,285	-0,763	2,34E-39
KRT222	ENSG00000213424.8	0,22	1,07	-0,763	4,45E-32
UNC5B-AS1	ENSG00000237512.6	0,305	1,215	-0,763	5,94E-32
SMYD4	ENSG00000186532.11	3,685	6,95	-0,763	6,06E-31
RP11-261P9.4	ENSG00000254419.1	0,22	1,07	-0,763	1,17E-28
ATXN2L	ENSG00000168488.18	46,615	79,79	-0,763	9,69E-17
THUMPD3-AS1	ENSG00000206573.8	21,995	38,033	-0,763	1,95E-16
GAB2	ENSG00000033327.12	2,78	5,415	-0,763	3,6E-16
RP11-520H14.7	ENSG00000280157.1	0,15	0,95	-0,762	7,65E-58
MEF2C-AS1	ENSG00000248309.5	0,63	1,765	-0,762	3,26E-40
CTA-204B4.2	ENSG00000259891.1	1,45	3,155	-0,762	1,22E-24
RP11-278C7.5	ENSG00000275854.1	1,3	2,9	-0,762	5,41E-22
ZCCHC8	ENSG00000033030.13	10,225	18,04	-0,762	1,81E-21
LOXL1	ENSG00000129038.15	23,25	40,111	-0,762	2,68E-20
SNX7	ENSG00000162627.16	6,91	12,41	-0,762	2,35E-19
MSTO1	ENSG00000125459.14	25,696	44,258	-0,762	6,88E-16
LAMC3	ENSG00000050555.17	3,75	7,055	-0,762	4,49E-10
FAM66C	ENSG00000226711.6	1,655	3,5	-0,761	1,1E-28
UNC5C	ENSG00000182168.14	0,75	1,965	-0,761	1,57E-26
DGKE	ENSG00000153933.9	1,83	3,795	-0,761	4,59E-20
CYP1B1-AS1	ENSG00000232973.11	1,375	3,025	-0,761	3,04E-17
MTR	ENSG00000116984.12	5,2	9,505	-0,761	2,45E-10
SLA	ENSG00000155926.13	2,54	5	-0,761	2,48E-06
ANKRD33B	ENSG00000164236.11	0,37	1,32	-0,76	8,94E-33
NRM	ENSG00000137404.14	6,81	12,23	-0,76	1,7E-32
LONRF3	ENSG00000175556.16	0,45	1,455	-0,76	1,06E-30
CCDC85B	ENSG00000175602.3	13,555	23,654	-0,76	6,62E-22
GPSM2	ENSG00000121957.12	2,52	4,96	-0,76	2,17E-21
SH3BP2	ENSG00000087266.15	9,435	16,67	-0,76	2,85E-21
FNBP1	ENSG00000187239.16	20,93	36,14	-0,76	1,13E-20
AGO4	ENSG00000134698.10	4,905	9	-0,76	5,72E-16
FAM76B	ENSG00000077458.12	7,345	13,135	-0,76	6,91E-11
BTBD3	ENSG00000132640.14	8,475	15,045	-0,76	3,09E-08
BMPER	ENSG00000164619.8	0,585	1,685	-0,76	6,77E-08

PRIMPOL	ENSG00000164306.10	8,225	14,615	-0,759	5,92E-33
RP11-295D4.3	ENSG00000280063.1	0,27	1,15	-0,759	8,12E-30
RP11-2C24.3	ENSG00000280211.1	1,6	3,4	-0,759	3,43E-23
NPHP4	ENSG00000131697.17	2,995	5,76	-0,759	1,44E-14
PDE6B	ENSG00000133256.12	2,345	4,66	-0,759	7,21E-08
CH507-154B10.1	ENSG00000280145.3	1,97	4,025	-0,759	0,0077
RBMS3-AS3	ENSG00000235904.1	0,2	1,03	-0,758	2,17E-57
EID3	ENSG00000255150.1	1,155	2,645	-0,758	3,77E-38
PCSK5	ENSG00000099139.13	0,99	2,365	-0,758	9E-30
CC2D1B	ENSG00000154222.14	12,45	21,74	-0,758	2,64E-28
LINC00595	ENSG00000227136.2	0,44	1,435	-0,758	4,83E-22
KCTD7	ENSG00000243335.8	4,285	7,94	-0,758	7E-20
FTLP3	ENSG00000226608.3	1,85	3,82	-0,758	2,37E-18
RP11-33B1.1	ENSG00000245958.6	8,45	14,985	-0,758	2,04E-15
RP11-553L6.5	ENSG00000259976.1	22,095	38,046	-0,758	5,8E-12
SOCS3	ENSG00000184557.4	21,02	36,239	-0,758	0,0000632
MPRIP	ENSG00000133030.19	56,445	96,061	-0,757	1,54E-45
PRICKLE3	ENSG00000012211.12	4,8	8,8	-0,757	4,91E-36
PLXNA1	ENSG00000114554.11	5,5	9,985	-0,757	2,02E-15
NFIL3	ENSG00000165030.3	27,005	46,325	-0,757	1,4E-11
RP11-875O11.1	ENSG00000245025.2	0,655	1,795	-0,756	2,26E-39
VPS9D1	ENSG00000075399.12	7,91	14,05	-0,756	1,59E-32
ZNF202	ENSG00000166261.10	4,015	7,47	-0,756	4,57E-22
CLMN	ENSG00000165959.11	6,78	12,135	-0,756	2,32E-10
TENM1	ENSG00000009694.13	0,895	2,2	-0,756	0,00108
TREX2	ENSG00000183479.12	0,2	1,025	-0,755	2E-68
MANEA-AS1	ENSG00000261366.1	0,135	0,915	-0,755	2,02E-54
SH2B1	ENSG00000178188.14	35,08	59,883	-0,755	1,37E-37
FAHD2B	ENSG00000144199.11	8,635	15,26	-0,755	2,54E-18
CFL2	ENSG00000165410.14	25,495	43,706	-0,755	8,32E-12
CELF2	ENSG00000048740.17	3,97	7,385	-0,755	7,42E-09
RP11-378A13.2	ENSG00000273361.1	3,615	6,789	-0,755	1,93E-08
PROM1	ENSG00000007062.11	1,015	2,4	-0,755	3,77E-08
CPED1	ENSG00000106034.17	5,445	9,875	-0,755	1,72E-06
PLAT	ENSG00000104368.17	19,17	33,03	-0,755	0,000414
RP11-120J1.1	ENSG00000225472.1	0,15	0,94	-0,754	3,7E-72
RP4-758J24.6	ENSG00000280378.1	0,21	1,04	-0,754	1,13E-41
VANGL2	ENSG00000162738.5	5,785	10,44	-0,754	1,65E-09
CD163	ENSG00000177575.12	5,01	9,134	-0,754	0,000152
FAR2P3	ENSG00000240253.5	5,585	10,105	-0,754	0,00153
RP11-1391J7.1	ENSG00000250397.2	0,19	1,005	-0,753	1,83E-51
CAHM	ENSG00000270419.1	0,62	1,73	-0,753	1,53E-37
C19orf57	ENSG00000132016.11	1	2,37	-0,753	5,65E-34
NRTN	ENSG00000171119.2	0,845	2,11	-0,753	6,07E-34
RP11-651L5.3	ENSG00000277715.1	0,81	2,05	-0,753	2,41E-30
TNFSF12	ENSG00000239697.10	30,284	51,724	-0,753	2,64E-26

ZCCHC14	ENSG00000140948.11	4,63	8,49	-0,753	4,29E-20
PYCARD	ENSG00000103490.13	12,455	21,675	-0,753	7,48E-16
RP11-87C12.2	ENSG00000256950.2	0,205	1,03	-0,752	1,09E-43
LZTS2	ENSG00000107816.17	36,925	62,889	-0,752	2,15E-42
ZSCAN18	ENSG00000121413.12	45,244	76,885	-0,752	9,25E-32
RP11-517C16.2	ENSG00000261286.1	0,3	1,19	-0,752	1,95E-28
LAG3	ENSG00000089692.8	1,695	3,54	-0,752	1,22E-26
ALDH3B1	ENSG00000006534.15	2,275	4,515	-0,752	2,87E-25
CERCAM	ENSG00000167123.18	16,71	28,829	-0,752	4,12E-21
MSC-AS1	ENSG00000235531.9	0,79	2,015	-0,752	1,06E-18
CD22	ENSG00000012124.14	0,93	2,25	-0,752	5,92E-17
LRRK1	ENSG00000154237.12	6,555	11,72	-0,752	3,03E-13
MATN1-AS1	ENSG00000186056.9	1,635	3,435	-0,751	9,94E-41
NPIP8	ENSG00000255524.7	0,12	0,885	-0,751	2,3E-33
SHKBP1	ENSG00000160410.14	28,11	47,99	-0,751	4,88E-29
ITSN1	ENSG00000205726.13	8,625	15,195	-0,751	3,15E-21
ZSWIM6	ENSG00000130449.5	3,65	6,825	-0,751	2,16E-18
CTC-338M12.4	ENSG00000233937.6	7,575	13,435	-0,751	1,76E-14
ARHGEF10	ENSG00000104728.15	7,32	13	-0,751	1,68E-12
PLXNA3	ENSG00000130827.6	18,696	32,144	-0,751	0,0000186
AC005682.5	ENSG00000228649.8	0,54	1,59	-0,75	8,34E-28
HAUS5	ENSG00000249115.8	5,475	9,89	-0,75	1,13E-26
POFUT2	ENSG00000186866.16	15,915	27,455	-0,75	1,21E-17
IFRD1	ENSG00000006652.13	21,77	37,3	-0,75	1,62E-16
HAS3	ENSG00000103044.10	0,665	1,8	-0,75	5,71E-15
LGALS3	ENSG00000131981.15	106,594	179,905	-0,75	6,75E-11
LDAH	ENSG00000118961.14	3,345	6,305	-0,75	3,61E-10
PDGFC	ENSG00000145431.10	9,73	17,045	-0,75	1,68E-09
DUSP1	ENSG00000120129.5	227,827	383,756	-0,75	2,73E-06
BMP7	ENSG00000101144.12	3,565	6,68	-0,75	0,000324
INSC	ENSG00000188487.11	0,11	0,865	-0,749	2,49E-59
WASH4P	ENSG00000234769.7	0,69	1,84	-0,749	1,46E-45
RP11-689P11.2	ENSG00000205959.3	0,19	1	-0,749	1,73E-40
LINC01126	ENSG00000279873.2	0,22	1,05	-0,749	1,76E-40
TMEM50B	ENSG00000142188.16	36,211	61,539	-0,749	2,72E-30
C6orf141	ENSG00000197261.11	0,22	1,05	-0,749	2,8E-29
RRN3P3	ENSG00000257122.5	1,49	3,185	-0,749	6,06E-26
NPY1R	ENSG00000164128.6	0,66	1,79	-0,749	6,53E-26
EPHB1	ENSG00000154928.16	0,41	1,37	-0,749	9,53E-24
CYTH4	ENSG00000100055.20	1,895	3,865	-0,749	3,02E-13
CHRD2	ENSG00000054938.15	3,53	6,614	-0,749	2,55E-08
CD69	ENSG00000110848.8	2,575	5,01	-0,749	1,91E-07
RP11-679B19.1	ENSG00000277954.1	0,2	1,015	-0,748	7,43E-55
RP11-1260E13.4	ENSG00000262061.5	0,56	1,62	-0,748	6,57E-34
PSRC1	ENSG00000134222.16	2,74	5,28	-0,748	2,79E-30
EFCAB13	ENSG00000178852.15	1,37	2,98	-0,748	1,01E-15

PFN1P2	ENSG00000270392.2	0,59	1,67	-0,748	1,46E-15
RASL10A	ENSG00000100276.9	0,68	1,82	-0,747	5,44E-25
LYST	ENSG00000143669.13	3,585	6,695	-0,747	2,59E-18
KCNC4	ENSG00000116396.13	1,52	3,23	-0,747	1,33E-16
SUN1	ENSG00000164828.17	41,905	71,014	-0,747	2,24E-14
CRABP1	ENSG00000166426.7	0,46	1,45	-0,747	9,88E-13
CDC14B	ENSG00000081377.16	5,975	10,705	-0,747	1,4E-12
AC129492.1	ENSG00000279152.1	0,105	0,855	-0,747	8,25E-08
CA11	ENSG00000063180.8	10,23	17,83	-0,746	7,2E-34
MFI2	ENSG00000163975.11	2,815	5,4	-0,746	8,02E-33
ZNF248	ENSG00000198105.11	6,425	11,455	-0,746	2,7E-23
PTGER3	ENSG00000050628.20	0,75	1,935	-0,746	2,69E-17
MFNG	ENSG00000100060.17	3,365	6,32	-0,746	1,56E-13
TFAP2E	ENSG00000116819.6	0,39	1,33	-0,745	1,18E-40
RTTN	ENSG00000176225.12	2,605	5,04	-0,745	6,26E-31
POLG	ENSG00000140521.11	20,225	34,574	-0,745	2,92E-23
PLEKHF1	ENSG00000166289.5	8,355	14,675	-0,745	6,97E-23
RP4-758J18.10	ENSG00000225285.1	4,98	9,025	-0,745	7,18E-22
SPIRE2	ENSG00000204991.10	3,655	6,8	-0,745	9,46E-21
MVP	ENSG00000013364.18	37,25	63,111	-0,745	2,18E-20
GRAP2	ENSG00000100351.16	0,945	2,26	-0,745	3,44E-20
FAM101B	ENSG00000183688.4	4,2	7,715	-0,745	2,82E-16
GPSM3	ENSG00000213654.9	7,14	12,644	-0,745	3,43E-15
ICAM2	ENSG00000108622.10	8,195	14,415	-0,745	9,98E-14
F13A1	ENSG00000124491.15	2,06	4,13	-0,745	1,05E-06
RP11-338K17.10	ENSG00000280300.1	0,275	1,135	-0,744	1,09E-31
ZNF354A	ENSG00000169131.10	4,455	8,135	-0,744	2,03E-25
SUPT20H	ENSG00000102710.19	18,28	31,285	-0,744	7,43E-24
PALM	ENSG00000099864.17	20,159	34,44	-0,744	1,01E-21
TRAF3IP2	ENSG00000056972.18	16,18	27,78	-0,744	3,53E-20
SLITRK6	ENSG00000184564.8	1,03	2,4	-0,744	7,77E-11
FKSG63	ENSG00000280252.1	0,18	0,975	-0,743	1,24E-32
TRMT11	ENSG00000066651.17	7,29	12,875	-0,743	1,63E-23
RP11-514P8.6	ENSG00000205236.6	0,485	1,485	-0,743	2,98E-21
RASA2	ENSG00000155903.11	3,12	5,895	-0,743	3,01E-16
TMEM47	ENSG00000147027.3	10,495	18,235	-0,743	1,62E-10
PHACTR2	ENSG00000112419.14	6,345	11,29	-0,743	2,11E-08
RP11-327J17.9	ENSG00000277135.1	0,07	0,79	-0,742	2,19E-59
AGAP3	ENSG00000133612.18	50,595	85,286	-0,742	6,32E-26
CIC	ENSG00000079432.7	23,66	40,239	-0,742	3,72E-25
LINC01140	ENSG00000267272.5	0,925	2,22	-0,742	1,67E-21
OGFRL1	ENSG00000119900.7	3,47	6,475	-0,742	5,61E-16
TRIM7	ENSG00000146054.17	1,66	3,45	-0,742	1,7E-15
MON2	ENSG00000061987.14	13,38	23,055	-0,742	2,92E-14
CFI	ENSG00000205403.12	5,6	10,035	-0,742	1,39E-11
RNF213	ENSG00000173821.19	29,349	49,776	-0,742	1,2E-09

SLPI	ENSG00000124107.5	33,794	57,209	-0,742	1,59E-09
RP11-206L10.5	ENSG00000240618.1	0,375	1,3	-0,742	6,89E-06
EXOSC8	ENSG00000120699.12	16,69	28,56	-0,741	2,91E-36
LINC00882	ENSG00000242759.6	0,81	2,025	-0,741	3,73E-33
KIF17	ENSG00000117245.12	0,75	1,925	-0,741	2,12E-32
CYP26B1	ENSG00000003137.8	0,52	1,54	-0,741	1,82E-20
MRAS	ENSG00000158186.12	6,815	12,065	-0,741	8,21E-18
ABTB2	ENSG00000166016.5	2,22	4,38	-0,741	1,12E-12
C7orf31	ENSG00000153790.11	1,185	2,65	-0,74	6,46E-34
RP11-385F5.4	ENSG00000230325.1	0,76	1,94	-0,74	1,31E-27
CTD-3088G3.8	ENSG00000188897.8	0,53	1,555	-0,74	8,63E-25
CTD-3199J23.6	ENSG00000267681.1	1,55	3,26	-0,74	5,48E-21
CITED4	ENSG00000179862.6	9,11	15,89	-0,74	2,75E-20
CASP10	ENSG00000003400.14	1,455	3,1	-0,74	1,51E-16
ALOX5AP	ENSG00000132965.9	6,265	11,135	-0,74	3,03E-09
BOLA3-AS1	ENSG00000225439.2	0,83	2,055	-0,739	2,56E-40
TLE6	ENSG00000104953.18	1,28	2,805	-0,739	4,52E-29
RP11-574K11.29	ENSG00000272140.2	1,1	2,505	-0,739	1,51E-24
CTD-2574D22.4	ENSG00000260114.2	1,16	2,605	-0,739	7,42E-21
CTTN	ENSG00000085733.15	103,317	173,116	-0,739	4,79E-19
RNASE1	ENSG00000129538.13	42,79	72,098	-0,739	5,86E-13
CCDC13	ENSG00000244607.5	0,505	1,51	-0,738	8,46E-56
PKMP3	ENSG00000220563.1	1,075	2,46	-0,738	2,01E-47
RP11-999E24.3	ENSG00000259969.1	0,745	1,91	-0,738	4,74E-39
GPS2	ENSG00000132522.15	43,19	72,68	-0,738	2,49E-36
RP11-136C24.3	ENSG00000273291.5	0,22	1,035	-0,738	2,67E-33
NPIP6	ENSG00000198156.10	0,49	1,485	-0,738	3,6E-30
FAM95B1	ENSG00000274628.4	0,58	1,635	-0,738	3,88E-19
DLG5	ENSG00000151208.16	22,095	37,513	-0,738	1,44E-16
SEMA6B	ENSG00000167680.15	2,21	4,355	-0,738	2,23E-12
RBM24	ENSG00000112183.14	2,475	4,795	-0,738	0,00339
RN7SL145P	ENSG00000244357.3	0,2	1	-0,737	1,4E-24
D2HGDH	ENSG00000180902.16	22,765	38,62	-0,737	1,1E-22
MYOZ3	ENSG00000164591.13	0,65	1,75	-0,737	2,2E-15
ZBTB40	ENSG00000184677.16	5,14	9,235	-0,737	6,71E-13
RP11-789C17.1	ENSG00000265413.1	0,17	0,95	-0,737	2,46E-08
ADRA2B	ENSG00000274286.1	0,18	0,965	-0,736	4,49E-62
RP11-131L12.4	ENSG00000275409.1	0,48	1,465	-0,736	1,29E-41
CTB-193M12.5	ENSG00000280206.1	3,665	6,77	-0,736	7,09E-36
RP11-334J6.6	ENSG00000230289.1	0,21	1,015	-0,736	4,41E-35
CNPY4	ENSG00000166997.7	6,6	11,659	-0,736	1,07E-29
CTD-2017D11.2	ENSG00000279425.1	0,375	1,29	-0,736	3,43E-27
RP11-57H14.4	ENSG00000260917.1	0,93	2,215	-0,736	6,05E-27
PABPC1P4	ENSG00000255642.1	0,675	1,79	-0,736	5,09E-23
CYB561D2	ENSG00000271858.5	6,585	11,635	-0,736	1,51E-22
RP13-514E23.1	ENSG00000261496.1	0,8	1,995	-0,735	4,98E-36

SPSB3	ENSG00000162032.15	42,89	72,073	-0,735	7,14E-33
DMWD	ENSG00000185800.11	16,31	27,805	-0,735	6,78E-26
RP11-693N9.2	ENSG00000235505.7	2,37	4,61	-0,735	1,31E-25
DOK7	ENSG00000175920.15	0,7	1,83	-0,735	6,56E-21
PKD2	ENSG00000118762.7	8,655	15,065	-0,735	1,46E-10
HEYL	ENSG00000163909.7	5,725	10,195	-0,735	8,55E-06
YPEL4	ENSG00000166793.10	0,305	1,17	-0,734	1,34E-54
ZNF32-AS2	ENSG00000230565.1	0,35	1,245	-0,734	2,04E-31
HPS1	ENSG00000107521.18	29,57	49,836	-0,734	1,28E-12
ANKRD13B	ENSG00000198720.12	3,55	6,569	-0,734	2,52E-10
NNMT	ENSG00000166741.7	34,959	58,814	-0,734	0,0000154
RP11-1379J22.2	ENSG00000244945.1	0,08	0,795	-0,733	1,47E-59
CXorf57	ENSG00000147231.13	0,23	1,045	-0,733	3,04E-50
RP11-600F24.7	ENSG00000260285.1	0,345	1,235	-0,733	9,86E-37
RP11-95O2.5	ENSG00000267707.2	0,45	1,41	-0,733	2,15E-33
ZGRF1	ENSG00000138658.15	1,1	2,49	-0,733	1,31E-24
OAT	ENSG00000065154.11	39,885	66,96	-0,733	3,89E-12
AC009404.2	ENSG00000236255.1	0,55	1,575	-0,732	8,42E-35
NTN5	ENSG00000142233.11	0,59	1,64	-0,732	5,75E-31
GS1-124K5.12	ENSG00000232559.3	3,43	6,36	-0,732	1,54E-28
RP11-546D6.3	ENSG00000280120.1	2,53	4,864	-0,732	1,02E-21
CRTC3	ENSG00000140577.15	10,92	18,794	-0,732	5,08E-20
C7orf55-LUC7L2	ENSG00000146963.17	42,85	71,853	-0,732	2,87E-15
NKD1	ENSG00000140807.5	0,95	2,24	-0,732	2,43E-11
TUG1	ENSG00000253352.8	39,31	65,944	-0,732	2,05E-07
SOX2	ENSG00000181449.3	1,125	2,53	-0,732	1,21E-06
CTD-3116E22.7	ENSG00000267612.1	0,16	0,925	-0,731	4,62E-51
XXbac-BPG299F13.1	ENSG00000272501.1	1,29	2,8	-0,731	4,05E-32
CTC-1337H24.4	ENSG00000275484.1	1	2,32	-0,731	2,42E-23
RORA	ENSG00000069667.15	2,93	5,525	-0,731	2,07E-14
PARGP1	ENSG00000239883.8	1,555	3,24	-0,731	9,96E-14
IFI44	ENSG00000137965.10	8,39	14,59	-0,731	2,98E-13
TMSB15B	ENSG00000158427.14	3,2	5,97	-0,731	8,44E-11
RCN1P2	ENSG00000214455.4	7	12,275	-0,731	3,02E-07
LINC00954	ENSG00000228784.7	0,1	0,825	-0,73	5,57E-58
HMGCLL1	ENSG00000146151.12	0,26	1,09	-0,73	1,6E-25
ALAD	ENSG00000148218.15	19,945	33,75	-0,73	1,8E-15
EEF2K	ENSG00000103319.11	12,245	20,965	-0,73	2,47E-13
FMNL3	ENSG00000161791.13	2,44	4,705	-0,73	2,31E-12
MT-ND3	ENSG00000198840.2	11499,63	19076,382	-0,73	6,06E-08
AC110615.1	ENSG00000279909.1	2,65	5,055	-0,73	8,41E-07
ABCC6	ENSG00000091262.14	1,21	2,665	-0,73	1,36E-06
CDO1	ENSG00000129596.4	3,285	6,105	-0,73	0,0027
EED	ENSG00000074266.17	10,305	17,735	-0,729	1,75E-28
FAHD2CP	ENSG00000231584.8	6,22	10,97	-0,729	2,02E-25
METTL7A	ENSG00000185432.11	29,395	49,389	-0,729	4,12E-11

ARL4C	ENSG00000188042.7	5,95	10,52	-0,729	5,47E-10
PEG10	ENSG00000242265.5	1,365	2,92	-0,729	1,55E-06
RP11-44F14.6	ENSG00000279722.1	0,66	1,75	-0,728	3,14E-56
RP11-359E3.4	ENSG00000272631.1	0,54	1,55	-0,728	2,77E-44
STK25	ENSG00000115694.14	78,847	131,265	-0,728	3,45E-34
RELT	ENSG00000054967.12	0,89	2,13	-0,728	5,31E-25
RNF122	ENSG00000133874.1	3,38	6,255	-0,728	7,37E-24
CTD-2026K11.1	ENSG00000260892.1	0,02	0,69	-0,728	9,22E-19
HOXA3	ENSG00000105997.22	2,91	5,475	-0,728	5,09E-18
DDTL	ENSG00000099974.7	3,575	6,58	-0,728	2,61E-14
CTB-50E14.5	ENSG00000269374.1	1,81	3,65	-0,727	7,5E-19
SULF1	ENSG00000137573.13	20,73	34,956	-0,727	5,08E-07
ZNF841	ENSG00000197608.11	6,055	10,679	-0,727	0,0000695
RP11-374M1.5	ENSG00000235659.1	0,17	0,935	-0,726	3,94E-52
PHBP9	ENSG00000230224.1	0,26	1,084	-0,726	1,82E-36
MAP6	ENSG00000171533.11	9,55	16,455	-0,726	5,04E-20
CEP68	ENSG00000011523.13	4,92	8,795	-0,726	1,18E-15
PTK2B	ENSG00000120899.17	18,54	31,329	-0,726	9,6E-14
KCTD9	ENSG00000104756.15	9,805	16,875	-0,726	2,61E-13
TBRG1	ENSG00000154144.12	20,435	34,445	-0,726	2,07E-11
RP11-161M6.2	ENSG00000260807.6	2,5	4,789	-0,726	2,52E-11
GOLGA6L10	ENSG00000278662.4	0,57	1,595	-0,725	2,19E-22
COLGALT2	ENSG00000198756.10	1,145	2,545	-0,725	1,55E-19
RP11-357D18.1	ENSG00000250978.5	0,09	0,8	-0,724	2,54E-42
COG7	ENSG00000168434.12	19,11	32,225	-0,724	2,49E-29
RP3-467L1.6	ENSG00000269925.1	0,62	1,675	-0,724	1,26E-25
USPL1	ENSG00000132952.11	5,795	10,22	-0,724	3,56E-25
ENTPD4	ENSG00000197217.12	13,905	23,615	-0,724	8,8E-08
ARAP1	ENSG00000186635.14	33,61	56,113	-0,723	5,19E-31
RP1-253P7.4	ENSG00000197815.4	0,26	1,08	-0,723	2,37E-30
TNFRSF4	ENSG00000186827.10	1,33	2,845	-0,723	2,04E-19
TAGLN2	ENSG00000158710.14	114,051	188,935	-0,723	1,53E-18
RBFOX2	ENSG00000100320.22	19,445	32,739	-0,723	1,89E-15
MLLT11	ENSG00000213190.3	1,565	3,235	-0,723	2,53E-14
LYPD6B	ENSG00000150556.16	5,72	10,095	-0,723	4,28E-11
ANTXR1	ENSG00000169604.19	19,17	32,282	-0,723	2,47E-07
CDH2	ENSG00000170558.8	0,59	1,625	-0,723	0,0000628
FIGF	ENSG00000165197.4	0,17	0,93	-0,722	2,67E-59
AC007743.1	ENSG00000233251.7	0,17	0,93	-0,722	9,88E-59
RP4-647C14.3	ENSG00000258944.1	0,17	0,93	-0,722	4,34E-51
GALNT9	ENSG00000182870.12	0,2	0,98	-0,722	6,71E-41
MARK3	ENSG00000075413.17	32,615	54,43	-0,722	6,79E-40
RP11-131L12.3	ENSG00000275759.1	0,655	1,73	-0,722	2,42E-38
GPR135	ENSG00000181619.11	0,88	2,1	-0,722	3,34E-37
TAX1BP3	ENSG00000213977.7	56,635	94,039	-0,722	4,88E-27
WDR73	ENSG00000177082.12	14,37	24,346	-0,722	1,93E-25

HCG27	ENSG00000206344.6	1,01	2,315	-0,722	1,93E-25
AC026150.8	ENSG00000260693.1	0,67	1,755	-0,722	2,36E-24
CHST11	ENSG00000171310.10	1,78	3,585	-0,722	5,1E-19
RP1-228P16.1	ENSG00000240399.1	0,84	2,035	-0,722	1,33E-17
RN7SKP70	ENSG00000252464.1	0,41	1,325	-0,722	1,11E-11
SLC35F4	ENSG00000151812.14	0,365	1,25	-0,721	1,25E-39
NIPAL4	ENSG00000172548.14	0,21	0,995	-0,721	2,2E-36
FNDC5	ENSG00000160097.15	1,545	3,195	-0,721	5,67E-18
PHC1P1	ENSG00000179899.8	1,075	2,42	-0,721	6,32E-14
RP11-378J18.9	ENSG00000276997.4	2,845	5,34	-0,721	1,56E-10
MT-CO2	ENSG00000198712.1	12395,681	20432,101	-0,721	5,85E-08
ELMSAN1	ENSG00000156030.12	8,455	14,585	-0,721	2,16E-07
RP1-278C19.8	ENSG00000275936.1	0,19	0,96	-0,72	1,41E-35
LINC01198	ENSG00000231817.7	0,32	1,175	-0,72	3,13E-24
PLA2G4A	ENSG00000116711.9	3,105	5,76	-0,72	5,72E-19
SORBS3	ENSG00000120896.13	96,539	159,652	-0,72	1,26E-16
TACR2	ENSG00000075073.14	1,18	2,59	-0,72	2,25E-14
PER2	ENSG00000132326.11	5,16	9,145	-0,72	2,31E-14
RP4-798A10.2	ENSG00000226029.1	0,27	1,09	-0,719	3,4E-50
CTD-2515H24.2	ENSG00000276772.1	0,415	1,33	-0,719	5,46E-34
NRIP2	ENSG00000053702.14	1,385	2,925	-0,719	2,07E-24
PLBD1	ENSG00000121316.10	3,065	5,69	-0,719	3,46E-17
GATS	ENSG00000239521.7	5,4	9,534	-0,719	1,3E-16
RP11-356B19.11	ENSG00000271833.1	1,275	2,745	-0,719	1,83E-13
RP1-124C6.1	ENSG00000232316.1	0,57	1,585	-0,719	1,32E-09
FLJ33360	ENSG00000250490.1	0,21	0,99	-0,718	6,98E-36
CREB5	ENSG00000146592.16	0,59	1,615	-0,718	2,8E-27
FAM86HP	ENSG00000253540.5	1,845	3,68	-0,718	2,4E-26
RHOBTB2	ENSG00000008853.16	5,355	9,455	-0,718	1,71E-21
JAKMIP3	ENSG00000188385.11	0,69	1,78	-0,718	6,26E-20
MGEA5	ENSG00000198408.13	42,53	70,616	-0,718	2,51E-15
AXIN2	ENSG00000168646.12	7,99	13,785	-0,718	2,5E-09
NTN4	ENSG00000074527.11	20,22	33,906	-0,718	2,15E-06
UNC5CL	ENSG00000124602.9	0,32	1,17	-0,717	6,03E-48
RP11-68I3.4	ENSG00000264290.1	0,11	0,825	-0,717	3,35E-43
HAND2-AS1	ENSG00000237125.8	0,08	0,775	-0,717	4,8E-39
RP11-166O4.6	ENSG00000273448.1	0,56	1,565	-0,717	5,28E-32
CARD6	ENSG00000132357.13	0,67	1,745	-0,717	9,28E-31
LRRRC37A3	ENSG00000176809.10	3,805	6,9	-0,717	1,32E-18
GRIPAP1	ENSG00000068400.13	25,565	42,654	-0,717	3,3E-18
ATXN1	ENSG00000124788.17	6,36	11,095	-0,717	1,25E-06
RP11-94C24.8	ENSG00000250286.1	0,09	0,79	-0,716	1,32E-48
RP11-415F23.4	ENSG00000272529.1	0,26	1,07	-0,716	3,28E-43
HBG2	ENSG00000196565.12	0,05	0,725	-0,716	1,74E-32
CACTIN	ENSG00000105298.13	11,15	18,96	-0,716	7,53E-32
PNPLA6	ENSG00000032444.15	24,345	40,635	-0,716	7,37E-24

ANKRD49	ENSG00000168876.8	8,165	14,055	-0,716	1,84E-21
RP4-610C12.3	ENSG00000225490.1	0,31	1,15	-0,715	2,85E-45
EXOC3	ENSG00000180104.15	30,156	50,131	-0,715	2,55E-39
RBM4B	ENSG00000173914.11	16,11	27,08	-0,715	8,15E-28
SYT15	ENSG00000204176.13	0,95	2,2	-0,715	1,11E-18
RP11-430H10.1	ENSG00000254427.1	0,535	1,52	-0,715	7,27E-17
SLC1A3	ENSG00000079215.13	2,19	4,235	-0,715	1,14E-13
RP11-143K11.7	ENSG00000277728.1	0,5	1,46	-0,714	7,16E-33
AC015849.19	ENSG00000270871.1	0,21	0,985	-0,714	5,66E-26
DIRAS3	ENSG00000162595.4	1,575	3,225	-0,714	2,11E-23
LGI3	ENSG00000168481.8	0,35	1,215	-0,714	6,38E-22
RP11-250B2.5	ENSG00000260645.1	0,18	0,935	-0,713	1,41E-48
RP11-308D16.2	ENSG00000234062.7	0,83	2	-0,713	3,48E-47
CTA-390C10.10	ENSG00000272977.1	0,43	1,345	-0,713	1,34E-38
HARS2	ENSG00000112855.14	14,25	24	-0,713	1,02E-28
ZNF513	ENSG00000163795.13	13,975	23,54	-0,713	1,26E-24
FGFR1OP2	ENSG00000111790.13	11,985	20,285	-0,713	1,9E-22
SOD3	ENSG00000109610.5	54,865	90,597	-0,713	5,84E-10
GHRLOS	ENSG00000240288.7	0,45	1,375	-0,712	1,65E-33
RP4-751H13.5	ENSG00000280149.1	1,1	2,44	-0,712	3,18E-33
RP11-798G7.6	ENSG00000267198.1	1,475	3,055	-0,712	3,88E-24
ZNF512	ENSG00000243943.9	15,58	26,155	-0,712	9,55E-16
ZBTB7C	ENSG00000184828.9	1,35	2,85	-0,712	5,68E-14
KHNYN	ENSG00000100441.9	16,815	28,181	-0,712	3,38E-09
IFFO2	ENSG00000169991.10	4,575	8,13	-0,712	1,83E-07
TMEM8B	ENSG00000137103.16	14,51	24,39	-0,711	3,09E-20
SLC5A6	ENSG00000138074.14	12,865	21,69	-0,711	2,74E-10
ENPP6	ENSG00000164303.10	0,53	1,505	-0,711	4,95E-09
GCNT4	ENSG00000176928.5	0,29	1,11	-0,71	1,25E-58
RP11-304L19.11	ENSG00000261663.1	0,605	1,625	-0,71	2,83E-34
RP11-93H24.3	ENSG00000273723.1	0,66	1,715	-0,71	5,43E-27
RBM17	ENSG00000134453.15	40,33	66,604	-0,71	8,36E-22
ZNF75D	ENSG00000186376.14	5,585	9,77	-0,71	1,95E-21
BACE1-AS	ENSG00000278768.1	4,68	8,29	-0,71	2,69E-21
OPTN	ENSG00000123240.16	19,055	31,794	-0,71	2,18E-20
ADGRE2	ENSG00000127507.17	0,55	1,535	-0,71	4,17E-19
GORAB	ENSG00000120370.12	4,6	8,16	-0,71	2,39E-18
CAMKK1	ENSG00000004660.14	3,75	6,77	-0,71	1,3E-16
TFAP2A-AS1	ENSG00000229950.1	2,16	4,17	-0,71	9,79E-16
SGCB	ENSG00000163069.12	8,4	14,375	-0,71	2,2E-14
RGPD8	ENSG00000169629.11	0,745	1,855	-0,71	1,01E-07
CYP4Z1	ENSG00000186160.4	0,11	0,815	-0,709	5,24E-47
RP4-791M13.3	ENSG00000254539.1	0,3	1,125	-0,709	2,7E-46
PATL2	ENSG00000229474.6	0,75	1,86	-0,709	5,7E-17
MIR99AHG	ENSG00000215386.10	14,69	24,655	-0,709	5,19E-14
ST6GALNAC6	ENSG00000160408.14	27,02	44,784	-0,708	1,2E-35

CEP85L	ENSG00000111860.13	0,69	1,76	-0,708	9,96E-35
NPIPB9	ENSG00000196993.8	0,42	1,32	-0,708	5,35E-31
SLC25A14	ENSG00000102078.15	7,59	13,035	-0,708	2,61E-29
LINC01273	ENSG00000231742.5	0,5	1,45	-0,708	6,56E-28
KATNAL1	ENSG00000102781.13	1,44	2,985	-0,708	3,66E-22
MAGI2	ENSG00000187391.17	2,535	4,775	-0,708	5,74E-18
SETDB1	ENSG00000143379.12	15,385	25,76	-0,708	7,63E-16
TTC22	ENSG00000006555.10	3,74	6,745	-0,708	3,98E-08
CTD-3157E16.1	ENSG00000265519.1	1,66	3,345	-0,708	1,46E-07
LEPR	ENSG00000116678.18	2,88	5,34	-0,708	5,13E-07
KLKB1	ENSG00000164344.15	0,17	0,91	-0,707	1,73E-48
RP11-6O2.4	ENSG00000261054.1	0,06	0,73	-0,707	2,14E-46
RARA	ENSG00000131759.17	15,66	26,189	-0,707	8,78E-21
ASPH	ENSG00000198363.15	20,78	34,545	-0,707	1,87E-13
TP53INP2	ENSG00000078804.12	20,44	34,01	-0,707	9,49E-12
NIPSNAP3B	ENSG00000165028.11	2,08	4,025	-0,706	2,93E-27
THAP9-AS1	ENSG00000251022.6	14,395	24,11	-0,706	2,07E-16
RP11-70D24.2	ENSG00000278058.1	1,79	3,55	-0,706	1,9E-11
TTLL7	ENSG00000137941.16	4,7	8,3	-0,706	9,19E-08
LINC00161	ENSG00000226935.6	0,14	0,86	-0,706	1,51E-07
RPL7P3	ENSG00000226094.1	0,04	0,695	-0,705	3,68E-47
SLC51B	ENSG00000186198.3	0,34	1,185	-0,705	2,99E-34
AC007292.6	ENSG00000267980.1	0,84	1,999	-0,705	1,62E-27
CALCOCO1	ENSG00000012822.15	60,419	99,122	-0,705	3,89E-26
BTN2A2	ENSG00000124508.16	4,655	8,215	-0,705	1,45E-18
FOSL1	ENSG00000175592.8	0,975	2,22	-0,705	2,3E-08
C5AR1	ENSG00000197405.7	2,295	4,37	-0,705	5,7E-07
MRPL23-AS1	ENSG00000226416.1	0,12	0,825	-0,704	1,97E-47
LINC00672	ENSG00000263874.1	0,36	1,215	-0,704	5,43E-42
RP11-474G23.3	ENSG00000273064.1	0,32	1,15	-0,704	7,26E-34
LINC00506	ENSG00000281392.1	0,2	0,955	-0,704	4,43E-29
RP11-154H23.3	ENSG00000270562.1	0,39	1,265	-0,704	8,42E-28
EFHC2	ENSG00000183690.12	0,93	2,145	-0,704	1,27E-26
ADAMTS5	ENSG00000154736.5	0,47	1,395	-0,704	1,25E-20
TMEM74B	ENSG00000125895.5	0,74	1,835	-0,704	7,9E-16
MIR497HG	ENSG00000267532.3	8,585	14,619	-0,704	8,17E-15
RP11-514P8.8	ENSG00000272949.1	0,725	1,81	-0,704	8,63E-13
CCNT2	ENSG00000082258.12	8,14	13,885	-0,704	2,42E-11
CDKN1A	ENSG00000124762.13	42,845	70,423	-0,704	3,36E-09
RP11-81A1.6	ENSG00000278600.1	3,375	6,125	-0,704	1,37E-08
REM2	ENSG00000139890.9	0,21	0,97	-0,703	2,47E-49
ACBD4	ENSG00000181513.14	13,1	21,955	-0,703	2,33E-46
DNM3	ENSG00000197959.13	0,88	2,06	-0,703	8,81E-40
BDNF	ENSG00000176697.18	0,33	1,165	-0,703	2,15E-21
ITIH3	ENSG00000162267.12	0,465	1,385	-0,703	3,12E-21
PIPOX	ENSG00000179761.11	1,26	2,68	-0,703	3,49E-20

RBBP6	ENSG00000122257.18	23,22	38,425	-0,703	3,62E-19
MAFG	ENSG00000197063.10	5,99	10,375	-0,703	1,73E-16
ZDHHC8	ENSG00000099904.15	17,28	28,759	-0,703	2,17E-16
OR2A20P	ENSG00000170356.8	2,28	4,34	-0,703	9,13E-13
BCL3	ENSG00000069399.12	31,165	51,355	-0,703	2,44E-11
MMRN1	ENSG00000138722.9	1,245	2,655	-0,703	3,48E-09
BX470102.3	ENSG00000238279.1	0,18	0,92	-0,702	8,02E-44
RP4-613B23.1	ENSG00000230084.5	0,42	1,31	-0,702	8,3E-43
LRP2BP	ENSG00000109771.15	1,05	2,335	-0,702	2,93E-26
TPST1	ENSG00000169902.13	7,71	13,165	-0,702	3,49E-15
HLA-F	ENSG00000204642.13	44,286	72,647	-0,702	1,34E-08
RP11-568J23.8	ENSG00000275393.1	0,07	0,74	-0,701	1,88E-49
GRIP2	ENSG00000144596.11	0,11	0,805	-0,701	4,49E-48
AP000692.9	ENSG00000228107.1	0,19	0,935	-0,701	1,22E-34
ATP6V1B1	ENSG00000116039.11	1,15	2,495	-0,701	1,46E-23
SCAND2P	ENSG00000176700.19	4,005	7,135	-0,701	5,97E-19
FAT4	ENSG00000196159.11	0,655	1,69	-0,701	3,57E-15
DLL4	ENSG00000128917.6	3,335	6,045	-0,701	6,86E-10
RP11-266K4.14	ENSG00000275367.1	0,33	1,16	-0,7	6,32E-52
EVPLL	ENSG00000214860.4	0,12	0,82	-0,7	1,88E-40
AC000032.2	ENSG00000260246.1	0	0,625	-0,7	8,07E-39
ACSS2	ENSG00000131069.19	18,07	29,979	-0,7	1,83E-36
AC013271.3	ENSG00000186148.11	0,345	1,185	-0,7	2,41E-32
PLEKHH3	ENSG00000068137.14	24,919	41,099	-0,7	1,51E-28
UBR4	ENSG00000127481.14	71,555	116,905	-0,7	1,62E-21
FAM89A	ENSG00000182118.5	3,19	5,805	-0,7	1,05E-19
ARHGAP25	ENSG00000163219.11	2,76	5,11	-0,7	2,12E-11
MID1	ENSG00000101871.14	4,51	7,95	-0,7	1,18E-08
SPG20-AS1	ENSG00000120664.10	0,3	1,11	-0,699	1,25E-34
INPP5F	ENSG00000198825.11	4,55	8,01	-0,699	1,54E-23
CIITA	ENSG00000179583.17	1,985	3,845	-0,699	3,25E-12
EPHA4	ENSG00000116106.11	3,38	6,11	-0,699	2,35E-09
CYP17A1-AS1	ENSG00000203886.4	0,56	1,53	-0,698	1,91E-36
CEP112	ENSG00000154240.16	5,28	9,19	-0,698	3,15E-31
CTD-3193K9.11	ENSG00000273650.1	0,6	1,595	-0,698	1,47E-29
SRF	ENSG00000112658.7	22,37	36,914	-0,698	1,12E-16
PAFAH1B1	ENSG00000007168.12	24,27	39,986	-0,698	2,5E-16
ZDHHC7	ENSG00000153786.12	21,651	35,735	-0,698	2,16E-10
SSPN	ENSG00000123096.11	7,09	12,124	-0,698	4,59E-08
AP001189.4	ENSG00000236304.1	0,11	0,8	-0,697	1,31E-42
NARF-IT1	ENSG00000266236.1	0,16	0,88	-0,697	3,14E-42
DENND2C	ENSG00000175984.14	0,89	2,065	-0,697	1,18E-38
RP11-503E24.2	ENSG00000254165.1	0,255	1,035	-0,697	1,19E-35
POLR2J4	ENSG00000214783.9	2,34	4,415	-0,697	5,42E-35
GALT	ENSG00000213930.11	32,446	53,227	-0,697	1,66E-28
MPHOSPH8	ENSG00000196199.13	21,35	35,226	-0,697	4,78E-21

FCHSD2	ENSG00000137478.14	5,4	9,375	-0,697	4,54E-17
GBP3	ENSG00000117226.11	8,62	14,595	-0,697	0,0000047
RP4-614O4.12	ENSG00000269202.1	0,29	1,09	-0,696	9,64E-53
CRYZL1	ENSG00000205758.11	17,776	29,426	-0,696	1,76E-45
HIST2H3DP1	ENSG00000213244.3	0	0,62	-0,696	6,4E-42
RP11-1007O24.2	ENSG00000261187.1	0,29	1,09	-0,696	2,38E-41
BST1	ENSG00000109743.10	1,29	2,71	-0,696	5,56E-24
BATF2	ENSG00000168062.9	1,09	2,385	-0,696	1,94E-18
MSC	ENSG00000178860.8	1,62	3,245	-0,696	1,42E-16
DDX11L2	ENSG00000236397.3	0,79	1,9	-0,696	2,97E-14
IL6R	ENSG00000160712.12	3,09	5,625	-0,696	6,75E-08
RP1-283E3.4	ENSG00000227775.3	3,16	5,74	-0,696	0,0000167
ITM2A	ENSG00000078596.10	8,325	14,105	-0,696	0,000151
ZNF660	ENSG00000144792.9	0,52	1,46	-0,695	4,9E-43
JMJD6	ENSG00000070495.14	21,96	36,172	-0,695	9,56E-36
ARHGAP17	ENSG00000140750.16	20,15	33,251	-0,695	2,57E-28
IFT80	ENSG00000068885.14	6,38	10,945	-0,695	2,46E-18
STXBP5-AS1	ENSG00000233452.6	1,14	2,465	-0,695	9,93E-17
STXBP1	ENSG00000136854.17	9,865	16,59	-0,695	7,15E-10
ADCY2	ENSG00000078295.15	6,05	10,415	-0,695	0,0000002
ASB16-AS1	ENSG00000267080.5	6,925	11,825	-0,694	5,67E-29
TRIM35	ENSG00000104228.12	4,82	8,415	-0,694	6,69E-16
SMG1P5	ENSG00000183604.14	2,71	5	-0,694	9,26E-16
RP11-180C16.1	ENSG00000273489.1	6,3	10,81	-0,694	5,22E-13
SLC16A8	ENSG00000100156.10	1,04	2,3	-0,694	5,23E-12
RP3-395M20.8	ENSG00000238164.6	4,155	7,34	-0,694	1,39E-11
KCTD15	ENSG00000153885.14	12,585	20,975	-0,694	3,53E-09
KRT42P	ENSG00000214514.7	0,16	0,875	-0,693	5,36E-45
HOXB6	ENSG00000108511.9	0,29	1,085	-0,693	4,37E-22
MYO7A	ENSG00000137474.19	0,995	2,225	-0,693	1,24E-19
IGFBP3	ENSG00000146674.14	44,319	72,283	-0,693	1,38E-14
BCAR3	ENSG00000137936.16	6,335	10,855	-0,693	8,54E-14
RPLP1P11	ENSG00000243686.2	0,97	2,185	-0,693	1,29E-12
GPATCH8	ENSG00000186566.11	7,385	12,555	-0,693	3,6E-09
FAM27C	ENSG00000154537.4	2,68	4,95	-0,693	1,64E-08
ST6GALNAC4P1	ENSG00000233469.1	0,235	0,995	-0,692	4,27E-46
RP11-389C8.2	ENSG00000261269.1	0,845	1,98	-0,692	6,24E-21
CAPS2	ENSG00000180881.19	2,295	4,325	-0,692	1,44E-15
FTH1P11	ENSG00000237264.4	0,875	2,029	-0,692	5,72E-11
MAST4	ENSG00000069020.18	4,595	8,04	-0,692	1,28E-10
PLSCR1	ENSG00000188313.12	20,085	33,07	-0,692	1,28E-10
CDCA7	ENSG00000144354.13	1,59	3,185	-0,692	1,2E-07
TAS2R14	ENSG00000212127.5	0,75	1,825	-0,691	1,34E-39
ZNF182	ENSG00000147118.10	2,49	4,635	-0,691	5,59E-27
CD33	ENSG00000105383.14	1,27	2,665	-0,691	1,79E-19
NOL3	ENSG00000140939.14	43,209	70,365	-0,691	2,92E-17

ADIRF	ENSG00000148671.13	230,256	372,358	-0,691	8,64E-07
UAP1L1	ENSG00000197355.10	8,525	14,38	-0,691	9,67E-07
LINC01057	ENSG00000224081.7	2,44	4,555	-0,691	0,0000468
AJ011932.1	ENSG00000274248.1	0,255	1,025	-0,69	1,8E-38
REXO1	ENSG00000079313.11	13,435	22,294	-0,69	2,12E-25
NABP1	ENSG00000173559.12	3,41	6,115	-0,69	2,88E-17
RP11-403P17.6	ENSG00000277978.1	1,945	3,75	-0,69	2,4E-15
CLCA2	ENSG00000137975.7	0,15	0,855	-0,69	3,16E-15
OR7E154P	ENSG00000254715.3	0,46	1,355	-0,69	1,71E-11
LLNLF-173C4.2	ENSG00000282416.1	14,045	23,275	-0,69	5,08E-11
RP11-91I20.3	ENSG00000228862.3	1,53	3,082	-0,69	0,0485
AOC4P	ENSG00000260105.6	0,12	0,805	-0,689	7,05E-50
RP11-686D22.8	ENSG00000267745.1	0,43	1,305	-0,689	1,02E-37
ACTG1P3	ENSG00000215388.3	0,25	1,015	-0,689	2,46E-29
LZTS1	ENSG00000061337.15	1,025	2,265	-0,689	6,85E-16
PRR22	ENSG00000212123.3	2,585	4,78	-0,689	3,84E-15
ARHGAP15	ENSG00000075884.12	2,58	4,77	-0,689	1,7E-14
KDM3A	ENSG00000115548.16	13,355	22,15	-0,689	1,62E-13
PLCL1	ENSG00000115896.15	1,44	2,935	-0,689	1,98E-11
DNMT1	ENSG00000130816.14	14,295	23,655	-0,689	9,84E-10
TEAD1	ENSG00000187079.14	6,815	11,6	-0,689	3,43E-07
ABI3BP	ENSG00000154175.16	3,94	6,965	-0,689	6,69E-07
SELP	ENSG00000174175.16	6,675	11,37	-0,689	9,56E-07
RP11-334J6.7	ENSG00000176868.2	15,435	25,495	-0,689	0,0000134
EPHA7	ENSG00000135333.13	2,595	4,795	-0,689	0,00046
RP11-97O12.6	ENSG00000271997.1	0,35	1,175	-0,688	1,5E-39
FCGRT	ENSG00000104870.12	66,398	107,555	-0,688	7,3E-29
ADAMTS15	ENSG00000166106.3	0,44	1,32	-0,688	1,12E-28
LRR37B	ENSG00000185158.12	6,25	10,684	-0,688	1,75E-22
P4HA2	ENSG00000072682.18	10,94	18,235	-0,688	3,84E-22
C19orf71	ENSG00000183397.5	1,235	2,6	-0,688	1,45E-18
NAB1	ENSG00000138386.16	7,47	12,645	-0,688	6,35E-16
FAM126A	ENSG00000122591.11	2,36	4,415	-0,688	7,53E-13
NICN1	ENSG00000145029.11	11,235	18,695	-0,687	4,76E-28
LINC00294	ENSG00000280798.1	3,275	5,885	-0,687	9,25E-28
RP11-677M14.6	ENSG00000254509.1	0,18	0,9	-0,687	2,03E-27
ZNRD1-AS1	ENSG00000204623.8	1,24	2,605	-0,687	1,84E-20
RP13-1032I1.7	ENSG00000262049.1	5,03	8,705	-0,687	2,51E-19
MYOM2	ENSG00000036448.9	3,455	6,17	-0,687	1,77E-10
AC012360.6	ENSG00000238273.3	0,1	0,77	-0,686	3,95E-47
U47924.6	ENSG00000240370.6	1,56	3,12	-0,686	3,66E-33
NRGN	ENSG00000154146.12	2,32	4,34	-0,686	1,63E-18
HTRA1	ENSG00000166033.11	44,375	72,003	-0,686	7,56E-18
GIMAP8	ENSG00000171115.3	1,89	3,65	-0,686	8,01E-10
VTN	ENSG00000109072.13	0,29	1,075	-0,686	2,16E-09
ANAPC7	ENSG00000196510.12	31,639	51,487	-0,685	6,89E-28

NMUR1	ENSG00000171596.6	0,35	1,17	-0,685	2,02E-26
STXBP5L	ENSG00000145087.12	0,35	1,17	-0,685	2,82E-13
NACC2	ENSG00000148411.7	6,535	11,11	-0,685	1,83E-11
VPS36	ENSG00000136100.12	14,19	23,43	-0,685	8,9E-09
RP11-88118.3	ENSG00000229019.1	0,055	0,695	-0,684	1,46E-52
SH3GLB2	ENSG00000148341.17	88,217	142,334	-0,684	2,97E-30
EDC4	ENSG00000038358.14	31,11	50,57	-0,684	2,99E-16
WWTR1	ENSG00000018408.14	17,975	29,489	-0,684	1,96E-12
MRI1	ENSG00000037757.13	14,13	23,315	-0,684	5,44E-12
CTD-2368P22.1	ENSG00000176593.7	3,09	5,57	-0,684	7,32E-10
NOP2	ENSG00000111641.10	17,735	29,1	-0,684	2,25E-08
NRXN2	ENSG00000110076.18	2,88	5,235	-0,684	4,7E-08
RP11-727A23.1	ENSG00000241020.1	0,97	2,165	-0,684	4,89E-08
RGS22	ENSG00000132554.19	0,57	1,52	-0,683	8,28E-42
CTD-2036P10.5	ENSG00000278769.1	0,23	0,975	-0,683	3,46E-31
RP11-757F18.5	ENSG00000261488.1	0,395	1,24	-0,683	1,07E-29
MTMR10	ENSG00000166912.16	9,305	15,54	-0,683	7,61E-16
ZNF826P	ENSG00000231205.11	0,775	1,85	-0,683	2,5E-11
PDZD2	ENSG00000133401.15	1,52	3,045	-0,683	7,44E-11
CDK13	ENSG00000065883.14	12,105	20,045	-0,683	9,84E-11
GAB1	ENSG00000109458.8	3,56	6,32	-0,683	4,74E-08
CORIN	ENSG00000145244.11	1,19	2,515	-0,683	0,000155
ITFG2	ENSG00000111203.11	19,835	32,42	-0,682	5,2E-36
PGBD1	ENSG00000137338.5	1,67	3,285	-0,682	4,24E-30
RPL23P2	ENSG00000176054.6	0,67	1,68	-0,682	1,64E-21
GRID1	ENSG00000182771.17	0,63	1,615	-0,682	2,75E-20
ATRNL1	ENSG00000107518.16	0,62	1,6	-0,682	7,21E-19
HCFC2	ENSG00000111727.11	4,42	7,695	-0,682	1,94E-16
MICA	ENSG00000204520.12	13,2	21,78	-0,682	1,6E-15
NOS3	ENSG00000164867.10	4,365	7,61	-0,682	4,38E-13
ZNF384	ENSG00000126746.17	21,13	34,504	-0,682	1,4E-07
PRSS45	ENSG00000188086.12	0,07	0,715	-0,681	4,51E-47
ZNF296	ENSG00000170684.8	0,7	1,725	-0,681	4,5E-28
CLEC4A	ENSG00000111729.12	1,47	2,96	-0,681	1,17E-22
UBE2G2	ENSG00000184787.18	27,665	44,944	-0,681	4,59E-18
CACNB4	ENSG00000182389.18	0,65	1,645	-0,681	1,19E-10
FLNB-AS1	ENSG00000244161.1	0,905	2,055	-0,681	4,38E-09
ITGA11	ENSG00000137809.16	2,2	4,13	-0,681	0,0000321
RP11-236L14.2	ENSG00000273771.1	0,08	0,73	-0,68	2,98E-63
SLFN1-AS1	ENSG00000281207.1	0,13	0,81	-0,68	4,92E-52
RP11-278C7.3	ENSG00000274105.1	0,27	1,035	-0,68	2,14E-40
RP11-37C7.3	ENSG00000261136.1	0,13	0,81	-0,68	1,03E-39
RP11-87H9.5	ENSG00000279456.1	0,23	0,97	-0,68	1,44E-39
ZNF415	ENSG00000170954.11	5,845	9,965	-0,68	2,88E-15
ST3GAL2	ENSG00000157350.12	4,205	7,34	-0,68	4,12E-14
GANC	ENSG00000214013.9	6,165	10,48	-0,68	7,57E-14

FRY	ENSG00000073910.19	8,105	13,585	-0,68	1,06E-13
COL8A2	ENSG00000171812.10	3,185	5,705	-0,68	6,66E-10
LOXL2	ENSG00000134013.15	4,63	8,02	-0,68	1,83E-07
RP5-1054A22.4	ENSG00000277829.1	0,14	0,825	-0,679	1,99E-45
RP11-796E2.4	ENSG00000245904.3	0,28	1,05	-0,679	2,51E-41
EXOG	ENSG00000157036.12	3,27	5,834	-0,679	5,15E-21
ADCK5	ENSG00000173137.11	6,05	10,29	-0,679	4,14E-20
CD72	ENSG00000137101.12	1,105	2,37	-0,679	1,04E-19
ZNF512B	ENSG00000196700.7	7,335	12,345	-0,679	1E-12
MIRLET7BHG	ENSG00000197182.12	1,605	3,17	-0,679	1,56E-10
CXCL6	ENSG00000124875.9	1,04	2,265	-0,679	6,04E-08
CIDEC	ENSG00000187288.10	0,1	0,76	-0,678	1,99E-34
ADAT3	ENSG00000213638.5	2,76	5,015	-0,678	8,86E-19
TNFRSF1A	ENSG00000067182.7	60,026	96,629	-0,678	2,57E-18
IKZF4	ENSG00000123411.14	2,46	4,535	-0,678	3,14E-18
BTK	ENSG0000010671.15	1,21	2,535	-0,678	8,15E-15
HMG20A	ENSG00000140382.14	7,345	12,35	-0,678	8,87E-14
SMG1P3	ENSG00000180747.15	3,25	5,8	-0,678	8,5E-11
SLC20A1	ENSG00000144136.10	9,545	15,87	-0,678	3,31E-10
SCRN1	ENSG00000136193.16	12,115	19,99	-0,678	8,08E-09
PTPRB	ENSG00000127329.14	2,995	5,39	-0,678	0,0000104
RP11-569A11.1	ENSG00000226862.1	0,32	1,11	-0,677	4,03E-31
CYP4F35P	ENSG00000265787.1	0,335	1,135	-0,677	3,83E-17
TSC22D1-AS1	ENSG00000278156.1	0,895	2,03	-0,677	4,45E-17
ZNF385D	ENSG00000151789.9	1,43	2,885	-0,677	1,54E-14
TXNIP	ENSG00000265972.5	208,607	334,16	-0,677	1,38E-09
ENTPD1	ENSG00000138185.16	5,51	9,41	-0,677	5,29E-09
SPATA41	ENSG00000189419.6	0,23	0,965	-0,676	1,01E-62
RP11-1114A5.4	ENSG00000232611.1	0,39	1,22	-0,676	4,74E-49
RP11-290O12.2	ENSG00000280241.3	0,18	0,885	-0,676	8,29E-40
NUDT17	ENSG00000186364.11	1,8	3,475	-0,676	2,62E-39
AC093818.1	ENSG00000225205.5	0,48	1,365	-0,676	3,36E-33
VPS52	ENSG00000223501.8	37,151	59,964	-0,676	1,62E-21
OR7A5	ENSG00000188269.8	0,13	0,805	-0,676	2,68E-20
DCUN1D3	ENSG00000188215.9	2,49	4,575	-0,676	2,32E-14
TFRC	ENSG00000072274.12	7,86	13,155	-0,676	5,4E-11
PCGF3	ENSG00000185619.17	29,665	47,99	-0,676	8,95E-09
STX4	ENSG00000103496.14	37,111	59,854	-0,675	9,43E-42
RP3-414A15.12	ENSG00000279026.1	0,56	1,49	-0,675	2,78E-41
HOX A4	ENSG00000197576.13	2,21	4,125	-0,675	9,58E-20
HIST2H2BA	ENSG00000223345.3	0,34	1,14	-0,675	2,4E-15
SPRED1	ENSG00000166068.12	2,975	5,345	-0,675	4,02E-13
AC004448.2	ENSG00000227078.1	0	0,595	-0,674	7,12E-48
U91328.22	ENSG00000272810.1	0,15	0,835	-0,674	4,03E-46
RP11-426A6.5	ENSG00000226706.1	0,31	1,09	-0,674	1,12E-32
DNAJC27	ENSG00000115137.11	1,78	3,435	-0,674	2,33E-27

ZNF781	ENSG00000196381.10	0,915	2,055	-0,674	3,47E-25
THUMPD2	ENSG00000138050.14	8,45	14,079	-0,674	2,36E-17
RP11-20I23.13	ENSG00000261613.2	3,285	5,835	-0,674	5,09E-14
MORC3	ENSG00000159256.12	8,93	14,845	-0,674	2,16E-13
COL4A1	ENSG00000187498.14	27,475	44,426	-0,674	0,000948
RP11-365P13.5	ENSG00000277767.1	0,16	0,85	-0,673	5,89E-51
RP11-382J24.2	ENSG00000254272.1	0	0,595	-0,673	1,13E-43
HABP4	ENSG00000130956.13	6,805	11,44	-0,673	1,49E-37
RP11-326C3.10	ENSG00000255089.1	0	0,595	-0,673	2,96E-28
PCSK4	ENSG00000115257.15	1,69	3,29	-0,673	3,03E-26
RP11-398K22.12	ENSG00000229852.2	1,095	2,34	-0,673	2,73E-21
HNRNPDL	ENSG00000152795.17	130,612	208,846	-0,673	3,19E-20
SAFB	ENSG00000160633.12	49,765	79,948	-0,673	2,9E-19
SHC1	ENSG00000160691.18	45,46	73,053	-0,673	4,29E-16
TTBK2	ENSG00000128881.16	2,315	4,285	-0,673	7,28E-14
CLTCL1	ENSG00000070371.15	3,01	5,395	-0,673	3,52E-10
SELE	ENSG00000007908.15	2,845	5,13	-0,673	0,00496
TULP1	ENSG00000112041.12	0,23	0,96	-0,672	7,16E-48
RP11-165A20.3	ENSG00000273107.1	0,23	0,96	-0,672	3,63E-27
IL17B	ENSG00000127743.5	0,83	1,915	-0,672	4,31E-24
UNK	ENSG00000132478.9	13,985	22,875	-0,672	2,37E-23
LINC00685	ENSG00000226179.5	2,245	4,17	-0,672	2,99E-10
ANKRD20A5P	ENSG00000186481.15	0,45	1,31	-0,672	3,05E-09
PDGFD	ENSG00000170962.12	3,32	5,885	-0,672	9,42E-09
ZNF493	ENSG00000196268.11	5,175	8,84	-0,672	7,66E-08
HNRNPA1L2	ENSG00000139675.11	3,075	5,49	-0,671	2E-40
SPATA25	ENSG00000149634.4	0,52	1,42	-0,671	1,68E-36
ZNF582-AS1	ENSG00000267454.5	3,33	5,895	-0,671	3,72E-35
ZNF454	ENSG00000178187.7	0,435	1,285	-0,671	3,08E-30
GABARAPL1	ENSG00000139112.10	52,528	84,199	-0,671	1,04E-21
PRDM15	ENSG00000141956.13	1,97	3,73	-0,671	5,19E-21
AC010761.8	ENSG00000264577.1	1,01	2,2	-0,671	6,59E-19
LIMK2	ENSG00000182541.17	24,065	38,919	-0,671	1,87E-08
FMNL2	ENSG00000157827.19	7,605	12,705	-0,671	0,000028
ZDHHC8P1	ENSG00000133519.12	8,785	14,575	-0,671	0,0000313
SSBP3-AS1	ENSG00000198711.5	0,21	0,925	-0,67	6,88E-41
DDX39B	ENSG00000198563.13	238,26	379,576	-0,67	2,54E-38
ACD	ENSG00000102977.13	15,53	25,3	-0,67	2,08E-33
RP11-686D22.4	ENSG00000267547.1	0,53	1,435	-0,67	4,6E-27
Metazoa_SRP	ENSG00000280816.1	0,37	1,18	-0,67	1,5E-22
AC006077.3	ENSG00000279799.1	1,47	2,93	-0,67	1,13E-20
KCNB1	ENSG00000158445.7	0,455	1,315	-0,67	3,81E-19
RPL36AP43	ENSG00000241362.2	0,945	2,095	-0,67	2,99E-15
TRMT13	ENSG00000122435.9	5,66	9,599	-0,67	7,91E-15
SMG1P4	ENSG00000185710.9	1,3	2,659	-0,67	1,71E-10
RP11-21L23.3	ENSG00000255100.1	2,265	4,195	-0,67	7E-10

CLIC4	ENSG00000169504.14	37,465	60,216	-0,67	1,13E-08
CDH5	ENSG00000179776.17	5,035	8,604	-0,67	1,62E-07
TSTD2	ENSG00000136925.14	6,91	11,585	-0,67	2,13E-07
SLC4A7	ENSG00000033867.16	4,38	7,559	-0,67	0,00873
LINC00857	ENSG00000237523.1	0,525	1,425	-0,669	8,96E-42
C9orf89	ENSG00000165233.17	20,36	32,96	-0,669	3,81E-40
CYP46A1	ENSG00000036530.8	0,88	1,99	-0,669	1,59E-30
CCNJL	ENSG00000135083.14	0,55	1,465	-0,669	2,98E-25
AC073464.7	ENSG00000232502.1	0	0,59	-0,669	4,07E-22
CHD9	ENSG00000177200.15	7,52	12,55	-0,669	1,98E-09
ZNF771	ENSG00000179965.11	4,32	7,455	-0,668	7,73E-34
MOB3B	ENSG00000120162.9	0,85	1,94	-0,668	2,41E-33
AP000254.8	ENSG00000273271.1	3,4	5,99	-0,668	1,02E-22
RP11-54515.3	ENSG00000235652.7	2,67	4,83	-0,668	2,34E-22
ANXA1	ENSG00000135046.13	91,499	145,936	-0,668	4,04E-07
MAPK10	ENSG00000109339.18	21,31	34,449	-0,668	5,64E-07
TPSG1	ENSG00000116176.6	0,19	0,89	-0,667	4,93E-56
IFITM10	ENSG00000244242.1	1,38	2,78	-0,667	4,17E-34
AC129492.6	ENSG00000214999.3	0,54	1,445	-0,667	6,54E-13
ADH1C	ENSG00000248144.5	3,455	6,075	-0,667	4,4E-11
CFTR	ENSG00000001626.14	1,11	2,35	-0,667	0,00218
RP11-147L13.15	ENSG00000274712.1	1,01	2,19	-0,666	8,19E-43
RP13-20L14.1	ENSG00000260011.2	0,43	1,27	-0,666	2,96E-28
REEP4	ENSG00000168476.11	8,75	14,475	-0,666	1,24E-21
PLEKHA4	ENSG00000105559.11	12,27	20,055	-0,666	8,51E-18
NES	ENSG00000132688.10	11,455	18,76	-0,666	1,36E-11
PKD1P5	ENSG00000254681.6	0,635	1,595	-0,666	3,96E-09
RP11-158M2.3	ENSG00000259407.1	0,23	0,95	-0,665	8,65E-47
LINC00877	ENSG00000241163.7	0,17	0,855	-0,665	1,84E-43
MS4A4E	ENSG00000214787.8	0,17	0,855	-0,665	1,08E-35
EIF3EP1	ENSG00000234882.1	0,92	2,045	-0,665	5,34E-29
MIER2	ENSG00000105556.10	15,36	24,94	-0,665	2,11E-25
FGF14-AS2	ENSG00000272143.1	1,29	2,63	-0,665	3,47E-18
HVCN1	ENSG00000122986.13	3,075	5,46	-0,665	1,93E-16
TRIM74	ENSG00000155428.12	0,31	1,075	-0,664	4,32E-35
ADGRL3	ENSG00000150471.15	0,25	0,98	-0,664	2,96E-32
STARD4-AS1	ENSG00000246859.2	0,36	1,155	-0,664	8,97E-31
RPS15AP10	ENSG00000225447.1	0,19	0,885	-0,664	1,63E-30
SH3BP5	ENSG00000131370.15	10,47	17,18	-0,664	8,94E-13
FCN2	ENSG00000160339.15	0,625	1,575	-0,664	2,74E-12
ARMCX2	ENSG00000184867.13	22,845	36,78	-0,664	3,63E-10
CLEC7A	ENSG00000172243.17	1,505	2,97	-0,664	1,14E-08
DCAF5	ENSG00000139990.17	17,925	28,979	-0,664	7,98E-08
PAK6	ENSG00000137843.11	1,445	2,875	-0,664	2,63E-06
GCKR	ENSG00000084734.8	0,14	0,805	-0,663	5,05E-38
HSFX1	ENSG00000171116.7	0,56	1,47	-0,663	4,8E-34

HECTD3	ENSG00000126107.14	16,18	26,195	-0,663	7,1E-27
CTD-3162L10.1	ENSG00000267053.6	0,92	2,04	-0,663	1,38E-23
CRY2	ENSG00000121671.11	17,845	28,844	-0,663	1,97E-16
PCP2	ENSG00000174788.9	1,665	3,22	-0,663	9,67E-16
P2RY11	ENSG00000244165.1	6,93	11,555	-0,663	6,91E-10
ZKSCAN8	ENSG00000198315.10	5,26	8,914	-0,663	8,8E-09
RP11-264B17.2	ENSG00000260853.1	0,55	1,455	-0,663	0,000218
AP4B1-AS1	ENSG00000226167.1	0,16	0,835	-0,662	3,15E-49
RP11-475D10.4	ENSG00000279357.1	0,21	0,915	-0,662	2,12E-44
FBF1	ENSG00000281844.1	0,51	1,39	-0,662	2,47E-42
RP11-247I13.3	ENSG00000214093.3	0,15	0,82	-0,662	1,1E-39
ZNF483	ENSG00000173258.12	0,65	1,61	-0,662	4,85E-33
C12orf54	ENSG00000177627.9	0,21	0,915	-0,662	5,68E-31
RP11-44N12.5	ENSG00000271930.1	0,4	1,215	-0,662	8,72E-31
PTCHD1	ENSG00000165186.10	0,27	1,01	-0,662	3,32E-28
PDLIM2	ENSG00000120913.23	25,874	41,528	-0,662	2,77E-19
RUFY2	ENSG00000204130.12	5,665	9,545	-0,662	1,9E-15
ABLIM3	ENSG00000173210.19	4,695	8,01	-0,662	6E-12
TMEM92-AS1	ENSG00000251179.1	0,04	0,645	-0,661	2,21E-51
ULK4P1	ENSG00000261279.5	0,11	0,755	-0,661	2,95E-50
CTD-2231E14.2	ENSG00000279198.1	0,17	0,85	-0,661	2,48E-45
LSM11	ENSG00000155858.5	1,65	3,19	-0,661	1,39E-24
ADAM8	ENSG00000151651.15	2,605	4,7	-0,661	7,4E-18
CRIP2	ENSG00000182809.10	74,094	117,738	-0,661	3,23E-14
PHLDA1	ENSG00000139289.13	4,04	6,97	-0,661	1,54E-13
AC017116.11	ENSG00000239775.1	1,745	3,34	-0,661	1,24E-11
SLC16A11	ENSG00000174326.11	1,755	3,355	-0,661	3,33E-11
DUSP26	ENSG00000133878.8	0,91	2,02	-0,661	5,02E-10
HMG1P38	ENSG00000253954.3	0,85	1,925	-0,661	0,0000496
TRIM9	ENSG00000100505.13	0,12	0,77	-0,66	6,97E-58
STK38	ENSG00000112079.8	11,955	19,47	-0,66	4,27E-25
CCDC102A	ENSG00000135736.5	7,4	12,27	-0,66	5,18E-25
RP11-727F15.13	ENSG00000269463.1	0,62	1,56	-0,66	8,13E-25
PCDHB15	ENSG00000113248.5	0,81	1,86	-0,66	1,18E-24
RP11-529E10.6	ENSG00000261643.1	1,55	3,03	-0,66	3,03E-22
FAAHP1	ENSG00000232022.6	0,76	1,78	-0,66	1,92E-21
CCBE1	ENSG00000183287.13	0,31	1,07	-0,66	1,39E-19
TLN1	ENSG00000137076.18	108,552	172,057	-0,66	1,56E-19
NAT9	ENSG00000109065.11	31,59	50,499	-0,66	2,43E-15
TAOK2	ENSG00000149930.17	19,11	30,771	-0,66	3,43E-15
UNKL	ENSG00000059145.18	8,63	14,215	-0,66	1,01E-11
DDHD2	ENSG00000085788.13	15,915	25,73	-0,66	1,46E-07
FLI1	ENSG00000151702.16	3,765	6,53	-0,66	7,08E-06
VSIG2	ENSG00000019102.11	22,685	36,43	-0,66	0,0169
HCG4B	ENSG00000227262.3	0,165	0,84	-0,659	1,23E-55
AKAP8	ENSG00000105127.8	11,5	18,74	-0,659	8,27E-27

CPNE1	ENSG00000214078.11	91,75	145,411	-0,659	5,06E-24
LRRRC48	ENSG00000171962.17	3	5,315	-0,659	3,62E-21
RP11-399K21.13	ENSG00000273248.1	0,59	1,51	-0,659	1,04E-14
QSER1	ENSG00000060749.14	1,995	3,73	-0,659	3,2E-10
AC234582.1	ENSG00000279487.1	0,735	1,74	-0,659	0,000634
CYP2C8	ENSG00000138115.13	0,16	0,83	-0,658	1,99E-41
RP11-388C12.5	ENSG00000263321.1	0,15	0,815	-0,658	1,07E-30
CHST1	ENSG00000175264.7	0,55	1,445	-0,658	2,16E-27
CTD-3220F14.1	ENSG00000267605.5	0,505	1,375	-0,658	4,33E-23
DTX2P1	ENSG00000186704.9	1,345	2,7	-0,658	2,64E-19
DCAF8	ENSG00000132716.18	58,209	92,433	-0,658	5,96E-16
EVX1	ENSG00000106038.12	1,87	3,53	-0,658	1,87E-08
MFAP5	ENSG00000197614.10	1	2,155	-0,658	9,11E-07
GCOM1	ENSG00000137878.16	0,35	1,13	-0,658	0,0000113
RP5-1165K10.2	ENSG00000273432.1	0,5	1,365	-0,657	5,51E-56
RP11-3D4.3	ENSG00000259408.2	0,44	1,27	-0,657	2,39E-24
LINC01347	ENSG00000214837.8	0,77	1,79	-0,657	1,48E-19
TBKBP1	ENSG00000198933.9	7,435	12,304	-0,657	9,21E-18
MKL2	ENSG00000186260.16	9,735	15,93	-0,657	0,0000641
MPPED2	ENSG00000066382.16	11,18	18,199	-0,657	0,000138
RP11-12J10.4	ENSG00000278831.1	0,31	1,065	-0,656	3,69E-45
NKAPL	ENSG00000189134.3	0,26	0,985	-0,656	2,85E-43
RP11-77P6.2	ENSG00000227896.2	0,26	0,985	-0,656	1,61E-34
CCND3	ENSG00000112576.12	31,39	50,04	-0,656	2,07E-24
CHST7	ENSG00000147119.3	1,51	2,955	-0,656	4,61E-24
RP11-227G15.10	ENSG00000274341.1	0,46	1,3	-0,656	2,35E-22
SCRG1	ENSG00000164106.7	0,84	1,9	-0,656	1,03E-20
FOXP2	ENSG00000128573.22	0,72	1,71	-0,656	3,39E-19
TMEM121	ENSG00000184986.10	1,92	3,6	-0,656	6,58E-14
RAMP2	ENSG00000131477.10	21,425	34,327	-0,656	6,8E-12
CTC-260E6.2	ENSG00000224864.4	0,44	1,27	-0,656	1,02E-06
RP11-545P7.9	ENSG00000277566.1	0,27	1	-0,655	8,99E-38
C6orf163	ENSG00000203872.6	0,54	1,425	-0,655	8,85E-31
RP11-160O5.1	ENSG00000263470.1	1,73	3,3	-0,655	5,71E-27
HOXD-AS2	ENSG00000237380.6	0,53	1,41	-0,655	4,1E-18
TANGO2	ENSG00000183597.15	12,57	20,37	-0,655	4,84E-14
SBNO2	ENSG00000064932.15	18,725	30,06	-0,655	4,45E-13
KCNAB2	ENSG00000069424.14	3,335	5,825	-0,655	1,49E-11
SDHAP3	ENSG00000185986.11	1,895	3,559	-0,655	5,98E-10
APCDD1	ENSG00000154856.12	28,744	45,844	-0,655	0,000527
RP11-830F9.5	ENSG00000259881.1	0,09	0,715	-0,654	4,21E-45
SYNE3	ENSG00000176438.12	0,36	1,14	-0,654	2,13E-42
KLHL14	ENSG00000197705.9	0,23	0,935	-0,654	5,98E-36
RP1-179N16.6	ENSG00000246982.6	0,42	1,235	-0,654	4,75E-30
PSD	ENSG00000059915.16	2,53	4,555	-0,654	6,94E-30
TESK1	ENSG00000107140.15	32,606	51,891	-0,654	3,11E-21

RP11-513M16.7	ENSG00000272842.1	1,45	2,855	-0,654	6,8E-20
PLAUR	ENSG00000011422.11	5,265	8,86	-0,654	2,27E-07
LGALS8	ENSG00000116977.18	22,861	36,539	-0,654	7,05E-06
MRPS25	ENSG00000131368.7	26,66	42,495	-0,653	5,53E-25
HSD17B7	ENSG00000132196.13	8,395	13,775	-0,653	1,55E-19
TGFB2-OT1	ENSG00000281453.1	4,925	8,315	-0,653	1,05E-13
TSPAN2	ENSG00000134198.9	6,01	10,025	-0,653	3,07E-06
CNTN1	ENSG00000018236.14	4,595	7,795	-0,653	0,0000207
MTMR8	ENSG00000102043.15	0,4	1,2	-0,652	8,94E-57
PNMAL2	ENSG00000204851.6	0,55	1,435	-0,652	5,23E-36
FOXO6	ENSG00000204060.5	0,925	2,025	-0,652	2,76E-28
ORMDL1	ENSG00000128699.13	36,425	57,819	-0,652	1,65E-25
ANKLE2	ENSG00000176915.14	18,765	30,053	-0,652	6,78E-18
SPEF2	ENSG00000152582.12	2,515	4,525	-0,652	1,07E-17
PPFIBP2	ENSG00000166387.11	19,39	31,05	-0,652	4,71E-16
KATNBL1	ENSG00000134152.10	12,25	19,815	-0,652	1,42E-15
CTB-50L17.14	ENSG00000267385.1	0,41	1,215	-0,652	2,67E-15
TTC31	ENSG00000115282.19	9,95	16,209	-0,652	4,31E-12
GATA3-AS1	ENSG00000197308.8	0,06	0,665	-0,651	1,38E-46
RP11-568J23.5	ENSG00000270184.1	0,14	0,79	-0,651	2,56E-40
COX19	ENSG00000240230.5	4,1	7,01	-0,651	7,71E-32
SIGLEC17P	ENSG00000171101.13	0,35	1,12	-0,651	6,28E-26
FSCN1	ENSG00000075618.17	5,55	9,284	-0,651	1,23E-14
MAP4K5	ENSG00000012983.11	11,275	18,275	-0,651	5,82E-14
ERCC3	ENSG00000163161.12	24,439	38,94	-0,651	9,38E-14
TRIM34	ENSG00000258659.6	2,595	4,645	-0,651	3,42E-13
ENPP2	ENSG00000136960.12	12,095	19,561	-0,651	0,0000337
RP11-647O20.1	ENSG00000271424.1	0,16	0,82	-0,65	1,92E-33
RP11-490M8.1	ENSG00000260025.1	1,765	3,34	-0,65	5,9E-25
RP11-783K16.14	ENSG00000256116.1	1,39	2,75	-0,65	4,66E-24
RNF31	ENSG00000092098.16	28,546	45,359	-0,65	5,45E-20
PTGES3L	ENSG00000267060.5	1,4	2,765	-0,65	2,59E-19
LA16c-349E10.1	ENSG00000262528.2	0,22	0,915	-0,65	2,72E-19
TRABD	ENSG00000170638.9	29,804	47,353	-0,65	1,85E-15
CHD2	ENSG00000173575.18	26,005	41,37	-0,65	1,02E-14
PRUNE2	ENSG00000106772.17	31,265	49,634	-0,65	0,0388
RP11-423P10.2	ENSG00000272054.1	0,24	0,945	-0,649	6,63E-54
CTD-2547L24.3	ENSG00000258875.5	0,25	0,96	-0,649	2,35E-37
RP11-456K23.1	ENSG00000267414.1	0,98	2,105	-0,649	1,36E-33
PRKRIP1	ENSG00000128563.13	21,775	34,704	-0,649	4,65E-24
SMC6	ENSG00000163029.15	4,155	7,085	-0,649	1,85E-13
ZNF331	ENSG00000130844.16	13,005	20,959	-0,649	8,5E-11
NBPF10	ENSG00000271425.6	2,48	4,455	-0,649	9,55E-10
AC000123.4	ENSG00000224138.1	0,73	1,71	-0,648	6,05E-28
IRAK4	ENSG00000198001.13	5,425	9,07	-0,648	1,04E-17
GRAMD2	ENSG00000175318.11	1,345	2,675	-0,648	2,07E-07

ATXN7	ENSG00000163635.17	5,05	8,48	-0,648	6,2E-07
MN1	ENSG00000169184.5	0,88	1,945	-0,648	9,88E-07
ZNF292	ENSG00000188994.12	4,445	7,535	-0,648	4,76E-06
RP11-230F18.5	ENSG00000276248.1	0,21	0,895	-0,647	2,39E-60
ZNF343	ENSG00000088876.11	4,7	7,925	-0,647	2,26E-20
ZNF26	ENSG00000198393.7	3,12	5,45	-0,647	1,05E-17
ZNF671	ENSG00000083814.12	3,455	5,975	-0,647	3,53E-14
APOL1	ENSG00000100342.20	22,79	36,255	-0,647	6,6E-10
TEP1	ENSG00000129566.12	9,55	15,525	-0,647	1,54E-09
IL10RA	ENSG00000110324.9	2,855	5,035	-0,647	5,13E-06
RP11-2C24.7	ENSG00000274678.1	0,23	0,925	-0,646	3,62E-46
RP3-412A9.16	ENSG00000273387.1	0,54	1,41	-0,646	3,04E-34
WWC3	ENSG00000047644.17	8,625	14,06	-0,646	9,45E-27
RP11-173C1.1	ENSG00000269210.2	0,38	1,16	-0,646	3,44E-26
CTA-363E19.2	ENSG00000272072.1	0,61	1,52	-0,646	6,79E-24
WDR6	ENSG00000178252.17	120,454	189,007	-0,646	9,04E-20
RP11-152N13.16	ENSG00000272599.2	1,24	2,505	-0,646	1,61E-19
HHIPL2	ENSG00000143512.12	0,265	0,98	-0,646	4E-17
NAV3	ENSG00000067798.13	0,76	1,755	-0,646	2,08E-13
DEF6	ENSG00000023892.10	16,495	26,38	-0,646	7,52E-09
BCHE	ENSG00000114200.9	1,32	2,63	-0,646	4,68E-07
CTD-2104P17.1	ENSG00000231625.4	0,055	0,65	-0,645	1,42E-60
C16orf93	ENSG00000196118.11	4,56	7,695	-0,645	1,95E-17
RGPD5	ENSG00000015568.12	3,36	5,82	-0,645	2,86E-07
RP11-158L12.4	ENSG00000279233.1	0,28	1	-0,644	8,51E-29
RP11-420A23.1	ENSG00000251432.6	0,84	1,875	-0,644	1,59E-24
CMTR1	ENSG00000137200.12	17,715	28,24	-0,644	4,28E-18
TEF	ENSG00000167074.14	8,235	13,435	-0,644	1,44E-11
DRAM1	ENSG00000136048.13	5,75	9,55	-0,644	1,8E-10
RGS7BP	ENSG00000186479.4	0,645	1,57	-0,644	2,35E-09
SPIN3	ENSG00000204271.10	3,765	6,445	-0,644	3,18E-08
ECM2	ENSG00000106823.12	3,735	6,4	-0,644	8,04E-08
CYBRD1	ENSG00000071967.11	31,106	49,17	-0,644	0,0000116
FTH1P10	ENSG00000223361.5	0,96	2,06	-0,643	6,92E-29
BCS1L	ENSG00000074582.12	29,55	46,696	-0,643	2,97E-23
ADAMTS13	ENSG00000160323.18	2,395	4,3	-0,643	1,12E-21
PELI2	ENSG00000139946.9	2,465	4,41	-0,643	9,22E-18
SH3TC1	ENSG00000125089.16	6,545	10,785	-0,643	3,19E-15
TNFAIP8L1	ENSG00000185361.8	1,74	3,28	-0,643	4,74E-13
ZNF175	ENSG00000105497.7	2,08	3,81	-0,643	4,15E-10
RP11-24N18.1	ENSG00000260570.1	8,26	13,463	-0,643	0,000675
MYL7	ENSG00000106631.8	0	0,56	-0,642	4,46E-51
C5orf34	ENSG00000172244.8	0,81	1,825	-0,642	8,01E-30
DEPDC5	ENSG00000100150.16	4,48	7,55	-0,642	2,37E-25
HACD4	ENSG00000188921.13	0,75	1,73	-0,642	3,99E-19
MAP3K4	ENSG00000085511.19	12,36	19,845	-0,642	6,92E-17

METTL24	ENSG00000053328.8	0,605	1,505	-0,642	7,01E-17
PEG3	ENSG00000198300.12	0,955	2,05	-0,642	1,86E-16
ADCY9	ENSG00000162104.9	2,56	4,555	-0,642	1,08E-15
RP1-170O19.23	ENSG00000272801.1	0,025	0,6	-0,642	1,96E-14
ALOX5	ENSG00000012779.10	10,1	16,32	-0,642	1,33E-11
ZNF862	ENSG00000106479.10	6,26	10,33	-0,642	9,6E-11
HIST2H2BB	ENSG00000240929.2	1,335	2,645	-0,642	0,00565
PRM1	ENSG00000175646.3	0	0,56	-0,641	9,37E-34
CTD-2287O16.5	ENSG00000271918.1	1,505	2,905	-0,641	1,86E-30
XXbac-BPG252P9.9	ENSG00000272540.1	0,805	1,815	-0,641	2,3E-26
RN7SKP16	ENSG00000222112.1	0,18	0,84	-0,641	1,1E-24
HHATL	ENSG00000010282.14	0,17	0,825	-0,641	1,86E-13
RP3-402G11.26	ENSG00000273253.2	2,94	5,145	-0,641	3,57E-09
SETD6	ENSG00000103037.11	12,765	20,47	-0,641	5,39E-09
NXNL2	ENSG00000130045.15	0,425	1,22	-0,64	7,62E-51
HOGA1	ENSG00000241935.8	0,29	1,01	-0,64	3,78E-28
FRA10AC1	ENSG00000148690.11	8,14	13,239	-0,64	2,34E-27
RP11-141O15.1	ENSG00000261113.1	0,835	1,86	-0,64	1,06E-12
FAM46A	ENSG00000112773.15	4,015	6,815	-0,64	1,47E-12
NPAS2	ENSG00000170485.16	12,805	20,515	-0,64	0,000541
RP11-326I11.5	ENSG00000270426.1	0,47	1,29	-0,639	1,26E-42
AC016738.4	ENSG00000223947.1	0,14	0,775	-0,639	8,73E-40
MGARP	ENSG00000137463.4	0,525	1,375	-0,639	6,41E-37
LINC00205	ENSG00000223768.1	1,755	3,29	-0,639	2,75E-29
YPEL3	ENSG00000090238.11	61,761	96,756	-0,639	4,79E-28
EBLN2	ENSG00000255423.1	0,31	1,04	-0,639	2,89E-27
RP11-392E22.10	ENSG00000272934.1	0,31	1,04	-0,639	2,53E-22
LA16c-380F5.3	ENSG00000280231.1	0,58	1,46	-0,639	6,25E-19
PXK	ENSG00000168297.15	7,06	11,55	-0,639	1,24E-15
SDPR	ENSG00000168497.4	9,67	15,62	-0,639	3,94E-07
ANKRD11	ENSG00000167522.14	23,885	37,725	-0,638	2,09E-19
WIPF3	ENSG00000122574.10	2,005	3,675	-0,638	1,82E-12
ABCG2	ENSG00000118777.10	2,615	4,625	-0,638	2,8E-12
DMXL2	ENSG00000104093.13	8,065	13,11	-0,638	2,22E-10
LINC00475	ENSG00000225511.6	0,17	0,82	-0,637	1,21E-57
JAZF1-AS1	ENSG00000234336.6	0,17	0,82	-0,637	1,56E-47
RP11-552F3.10	ENSG00000267342.1	0,28	0,99	-0,637	2,52E-46
TAS2R20	ENSG00000255837.1	0,19	0,85	-0,637	4,27E-44
STAT4	ENSG00000138378.17	0,64	1,55	-0,637	4,04E-26
DNAH11	ENSG00000105877.17	0,28	0,99	-0,637	6,98E-25
UQCC1	ENSG00000101019.21	17,41	27,634	-0,637	7,01E-23
ORAOV1P1	ENSG00000251008.1	0,215	0,89	-0,637	3,27E-22
MMS19	ENSG00000155229.20	27,09	42,673	-0,637	1,32E-16
ZFYVE26	ENSG00000072121.15	3,64	6,215	-0,637	6,51E-13
STAG3L2	ENSG00000277072.4	5,585	9,24	-0,637	2,18E-11
C3orf70	ENSG00000187068.2	1,785	3,33	-0,637	1,07E-08

CELSR1	ENSG00000075275.16	5,4	8,955	-0,637	3,86E-07
PARM1	ENSG00000169116.11	32,705	51,41	-0,637	0,0000249
AC016757.3	ENSG00000186235.10	0,2	0,865	-0,636	1,49E-40
USP20	ENSG00000136878.12	25,874	40,775	-0,636	5,86E-29
ZC3H18	ENSG00000158545.15	15,185	24,155	-0,636	1,49E-26
RP11-51B23.3	ENSG00000254847.1	0,23	0,91	-0,635	8,19E-50
PDCD6IPP1	ENSG00000275325.4	0,265	0,965	-0,635	2,65E-31
GDF10	ENSG00000266524.2	0,14	0,77	-0,635	4,12E-30
PRPF4B	ENSG00000112739.16	19,855	31,375	-0,635	1,16E-11
BEND7	ENSG00000165626.16	3,87	6,565	-0,635	5,77E-11
ZNF518A	ENSG00000177853.14	4,615	7,72	-0,635	3,93E-07
KLF9	ENSG00000119138.4	22,345	35,265	-0,635	2,87E-06
CUBN	ENSG00000107611.14	0,16	0,8	-0,634	2,3E-54
NDUFAF7	ENSG00000003509.15	6,125	10,055	-0,634	3,93E-26
NBPF11	ENSG00000263956.5	5,085	8,44	-0,634	3,44E-17
XXbac-BPG283O16.9	ENSG00000280128.1	3,915	6,63	-0,634	6,94E-12
TMEM237	ENSG00000155755.18	9,79	15,75	-0,634	1,65E-11
LINC00964	ENSG00000249816.6	2,1	3,81	-0,634	1,85E-09
EMCN	ENSG00000164035.9	6,335	10,38	-0,634	5,94E-08
CCDC116	ENSG00000161180.10	0,17	0,815	-0,633	1,78E-50
KRTDAP	ENSG00000188508.10	0,09	0,69	-0,633	8,87E-42
RAB38	ENSG00000123892.11	0,95	2,025	-0,633	7,29E-23
ZFAND5	ENSG00000107372.12	69,23	107,88	-0,633	3,97E-10
RP11-864N7.2	ENSG00000227615.1	2,865	4,994	-0,633	7,01E-07
BTN3A2	ENSG00000186470.13	9,91	15,92	-0,633	0,0000123
OMD	ENSG00000127083.7	1,885	3,475	-0,633	0,000184
VWF	ENSG00000110799.13	26,65	41,875	-0,633	0,0028
CSPG4P11	ENSG00000259726.1	0,11	0,72	-0,632	2,39E-40
ASXL3	ENSG00000141431.9	0,2	0,86	-0,632	3,03E-39
TNRC6C-AS1	ENSG00000204282.4	3,21	5,525	-0,632	3,55E-12
RP11-33B1.4	ENSG00000260091.1	1,39	2,705	-0,632	7,85E-12
RP1-283E3.8	ENSG00000268575.1	1,475	2,835	-0,632	1,88E-09
SDC3	ENSG00000162512.15	19,085	30,119	-0,632	2,68E-08
SNRPGP4	ENSG00000267203.1	0	0,55	-0,632	2,78E-06
MYO7B	ENSG00000169994.18	0,22	0,89	-0,631	7,57E-41
CTB-55O6.12	ENSG00000267169.1	1,24	2,47	-0,631	1,91E-38
KCTD6	ENSG00000168301.12	5,31	8,77	-0,631	6,24E-37
ZNF621	ENSG00000172888.11	7,45	12,09	-0,631	3,34E-17
SLC22A18	ENSG00000110628.13	14,885	23,594	-0,631	1,12E-13
B3GALT2	ENSG00000162630.5	0,695	1,625	-0,631	2,63E-11
ZNF611	ENSG00000213020.8	2,78	4,855	-0,631	9,15E-09
C10orf10	ENSG00000165507.8	18,625	29,383	-0,631	1,54E-07
RCCD1	ENSG00000166965.12	5,93	9,722	-0,63	7,19E-24
PNLIP	ENSG00000175535.6	0,04	0,61	-0,63	1,46E-21
MIR600HG	ENSG00000236901.4	0,69	1,615	-0,63	2,91E-20
RP11-23J9.5	ENSG00000254876.5	0,68	1,6	-0,63	8,39E-20

RP11-848G14.5	ENSG00000250138.4	0,295	1,005	-0,63	2,54E-18
FCN3	ENSG00000142748.12	0,67	1,585	-0,63	1,77E-16
LMCD1	ENSG00000071282.11	16,255	25,7	-0,63	9,34E-10
KIAA1210	ENSG00000250423.2	0,78	1,755	-0,63	0,00277
CERS3-AS1	ENSG00000259430.1	0,07	0,655	-0,629	1,88E-49
TCTEX1D1	ENSG00000152760.9	0,18	0,825	-0,629	5,2E-41
PPARD	ENSG00000112033.13	15,45	24,445	-0,629	7,25E-28
GIPC2	ENSG00000137960.5	0,455	1,25	-0,629	2,74E-27
RP11-67L2.2	ENSG00000273033.2	2,365	4,205	-0,629	6,51E-15
ROBO1	ENSG00000169855.19	8,405	13,544	-0,629	7,82E-06
SSTR2	ENSG00000180616.8	0,21	0,87	-0,628	1,28E-56
RP11-728F11.4	ENSG00000254528.7	0,1	0,7	-0,628	2,67E-51
SDR39U1	ENSG00000100445.16	60,515	94,065	-0,628	9,83E-30
RP11-578O24.2	ENSG00000254352.1	0,31	1,025	-0,628	2,51E-24
PRDM6	ENSG00000061455.10	0,54	1,38	-0,628	8,5E-16
STK26	ENSG00000134602.15	6,615	10,765	-0,628	8,25E-11
PBX1	ENSG00000185630.18	19,855	31,23	-0,628	8,97E-10
CNN3	ENSG00000117519.15	76,116	118,184	-0,628	6,65E-09
LAIR1	ENSG00000167613.15	4,725	7,845	-0,628	4,34E-07
SFRP2	ENSG00000145423.4	19,275	30,344	-0,628	2,01E-06
RP11-841O20.2	ENSG00000258757.1	0	0,545	-0,628	0,0000121
PLEKHG4B	ENSG00000153404.13	1,055	2,175	-0,628	0,00896
FAM223A	ENSG00000272681.2	0,24	0,915	-0,627	3,9E-53
FAM223A	ENSG00000279245.1	0,24	0,915	-0,627	3,9E-53
RP11-482H16.1	ENSG00000271894.1	0,25	0,93	-0,627	1,91E-34
AC006942.4	ENSG00000269194.1	2,19	3,925	-0,627	5,24E-28
ATG2A	ENSG00000110046.12	12,845	20,375	-0,627	6,11E-23
PHKG1	ENSG00000164776.9	1,15	2,32	-0,627	3,53E-16
SH2D2A	ENSG00000027869.11	1,065	2,19	-0,627	6,09E-15
METTL3	ENSG00000165819.11	34,105	53,21	-0,627	2,68E-10
UST	ENSG00000111962.7	3,105	5,34	-0,627	1,71E-09
C5	ENSG00000106804.7	2,165	3,889	-0,627	0,0000491
RP11-800A3.4	ENSG00000260401.1	0,205	0,86	-0,626	1,98E-29
FAM131A	ENSG00000175182.13	9,86	15,755	-0,626	2,42E-22
SLC27A1	ENSG00000130304.16	16,025	25,275	-0,626	5,19E-19
CD99L2	ENSG00000102181.19	15,865	25,025	-0,626	2,64E-17
MIR210HG	ENSG00000247095.2	3,94	6,625	-0,626	1,05E-14
MCM3AP-AS1	ENSG00000215424.9	2,35	4,17	-0,626	1,52E-08
TLR4	ENSG00000136869.13	1,97	3,585	-0,626	0,000616
SLFN1	ENSG00000171790.15	0,17	0,805	-0,625	4,39E-45
AC109333.10	ENSG00000227495.1	0,17	0,805	-0,625	8,38E-44
RBPMS-AS1	ENSG00000254109.5	0,66	1,56	-0,625	1,38E-36
RP11-307B6.3	ENSG00000223774.5	0,17	0,805	-0,625	3,55E-36
CREM	ENSG00000095794.19	19,935	31,284	-0,625	9,19E-17
LSS	ENSG00000160285.14	28,15	43,949	-0,625	2,37E-07
GCK	ENSG00000106633.15	0,21	0,865	-0,624	7,4E-56

FGF11	ENSG00000161958.10	0,35	1,08	-0,624	1,65E-38
RP11-707G18.1	ENSG00000278743.1	0,45	1,235	-0,624	3,78E-32
MTERF2	ENSG00000120832.9	12,125	19,225	-0,624	3,58E-23
CCDC39	ENSG00000145075.11	0,21	0,865	-0,624	1,78E-22
MEIS3P2	ENSG00000188013.6	0,56	1,405	-0,624	7,37E-16
HSPA4L	ENSG00000164070.11	1,19	2,375	-0,624	1,43E-13
KIAA1161	ENSG00000164976.8	1,32	2,575	-0,624	1,95E-12
C1QTNF5	ENSG00000223953.4	10,76	17,13	-0,624	1,12E-10
PRKD3	ENSG00000115825.9	5,99	9,77	-0,624	1,02E-07
AC009501.4	ENSG00000231609.5	0,45	1,235	-0,624	0,0000387
ATF3	ENSG00000162772.16	30,128	46,96	-0,624	0,00619
CTA-384D8.36	ENSG00000272821.1	4,41	7,33	-0,623	1,62E-27
AC009120.5	ENSG00000260884.1	0,25	0,925	-0,623	7,38E-27
RAB11FIP2	ENSG00000107560.10	4,265	7,11	-0,623	1,61E-15
HTRA3	ENSG00000170801.9	8,775	14,055	-0,623	5,36E-08
LGALS3BP	ENSG00000108679.12	128,894	199,023	-0,623	6,98E-07
RP11-60A24.3	ENSG00000265542.5	0,63	1,51	-0,623	7,31E-06
ANKFY1	ENSG00000185722.16	10,095	16,085	-0,623	0,0000413
C3	ENSG00000125730.16	71,605	110,813	-0,623	0,0000436
RP11-348N5.9	ENSG00000278601.1	0,41	1,17	-0,622	1,45E-43
CDK5RAP1	ENSG00000101391.20	19,465	30,505	-0,622	1,62E-33
TMEM116	ENSG00000198270.12	4,32	7,19	-0,622	1,26E-31
LINC01133	ENSG00000224259.5	0,835	1,825	-0,622	8,83E-13
MEF2A	ENSG00000068305.17	11,96	18,95	-0,622	2,15E-12
SMURF1	ENSG00000198742.9	7,705	12,395	-0,622	1,39E-10
HHEX	ENSG00000152804.10	2,125	3,81	-0,622	3,13E-10
SEMA3F	ENSG00000001617.11	19,64	30,765	-0,622	4,02E-09
HECW1	ENSG00000002746.14	0,41	1,17	-0,622	1,77E-07
CDH10	ENSG00000040731.10	1,225	2,425	-0,622	0,0000301
AC010226.4	ENSG00000249249.1	1,415	2,715	-0,621	1,47E-22
MRPL38	ENSG00000204316.12	49,866	77,235	-0,621	4,76E-22
MBD6	ENSG00000166987.14	29,711	46,23	-0,621	3,63E-15
AMOTL2	ENSG00000114019.14	13,15	20,76	-0,621	4,17E-11
NOTCH3	ENSG00000074181.8	11,405	18,085	-0,621	0,000603
NRN1L	ENSG00000188038.7	0,62	1,49	-0,62	3,21E-38
CHRFAM7A	ENSG00000166664.13	0,275	0,96	-0,62	2,01E-36
C4A-AS1	ENSG00000233627.2	0,21	0,86	-0,62	4,44E-34
C4B-AS1	ENSG00000229776.1	0,21	0,86	-0,62	4,44E-34
RN7SL834P	ENSG00000243650.3	0,21	0,86	-0,62	3,34E-24
CTB-119C2.1	ENSG00000273237.1	0,34	1,06	-0,62	5,19E-22
ZNF578	ENSG00000258405.9	0,49	1,29	-0,62	1,55E-18
SF3B1	ENSG00000115524.15	133,977	206,428	-0,62	1,33E-16
SP100	ENSG00000067066.16	30,465	47,371	-0,62	2,23E-16
VIP	ENSG00000146469.12	0,08	0,66	-0,62	1,5E-11
MED12	ENSG00000184634.15	14,67	23,09	-0,62	2,8E-11
MNT	ENSG00000070444.14	8,32	13,32	-0,62	3,18E-11

RAB15	ENSG00000139998.14	7,49	12,045	-0,62	1,33E-10
TRAF3IP3	ENSG00000009790.14	2,09	3,75	-0,62	1,88E-09
RAMP3	ENSG00000122679.8	14,21	22,38	-0,62	1,36E-07
AKR1C3	ENSG00000196139.11	4,33	7,19	-0,62	7,27E-07
JAKMIP1	ENSG00000152969.16	1,16	2,32	-0,62	1,48E-06
PTPRD	ENSG00000153707.15	1,215	2,405	-0,62	0,0164
LINC00950	ENSG00000281205.1	0,455	1,235	-0,619	1,32E-48
MYRF	ENSG00000124920.13	0,26	0,935	-0,619	4,93E-37
CIDECF	ENSG00000186162.10	8,855	14,14	-0,619	2,71E-34
ZNRF1	ENSG00000186187.11	8,685	13,875	-0,619	2,41E-28
FLJ27354	ENSG00000231999.6	0,66	1,55	-0,619	6,19E-27
RP11-421F16.3	ENSG00000247903.1	3,02	5,175	-0,619	1,75E-25
GRAP	ENSG00000154016.13	1,165	2,325	-0,619	1,33E-22
AC058791.1	ENSG00000226380.7	0,11	0,705	-0,619	7,01E-18
SLC36A4	ENSG00000180773.14	2,8	4,835	-0,619	1,24E-11
HPGDS	ENSG00000163106.10	1,23	2,425	-0,619	2,19E-11
RP11-789C17.5	ENSG00000263970.1	1,1	2,225	-0,619	0,00975
DPY19L1P1	ENSG00000229358.3	0,29	0,98	-0,618	2,82E-55
RP11-85K15.3	ENSG00000279434.1	0,365	1,095	-0,618	5,8E-40
TOR4A	ENSG00000198113.2	0,815	1,785	-0,618	5,85E-34
SRRM5	ENSG00000226763.4	0,46	1,24	-0,618	9,12E-30
KB-1410C5.5	ENSG00000271882.1	0,815	1,785	-0,618	1,46E-28
KDM2A	ENSG00000173120.14	25,609	39,825	-0,618	6,73E-12
KLF13	ENSG00000169926.9	11,54	18,25	-0,618	4,92E-10
RP11-206L10.9	ENSG00000237491.8	2,01	3,62	-0,618	6,95E-09
HCG25	ENSG00000232940.5	18,32	28,649	-0,618	2,55E-06
PCDH18	ENSG00000189184.11	3,785	6,345	-0,618	0,0000126
RP11-521B24.5	ENSG00000257270.1	5,605	9,135	-0,618	0,000143
SLC4A5	ENSG00000188687.15	0,64	1,515	-0,617	4,13E-35
AC012314.8	ENSG00000237017.1	0,32	1,025	-0,617	6,18E-28
ACOT9	ENSG00000123130.16	17,38	27,196	-0,617	4,05E-19
USP4	ENSG00000114316.12	22,21	34,594	-0,617	1,72E-15
MR1	ENSG00000153029.14	4,33	7,175	-0,617	3,83E-12
PRX	ENSG00000105227.14	2,625	4,555	-0,616	3,26E-24
LMF2	ENSG00000100258.17	45,83	70,766	-0,616	2,08E-20
THRA	ENSG00000126351.12	21,07	32,814	-0,616	1,36E-18
DDX39A	ENSG00000123136.14	32,47	50,315	-0,616	3,3E-13
ABI3	ENSG00000108798.8	4,18	6,94	-0,616	5,86E-11
ATAD2B	ENSG00000119778.14	2,745	4,74	-0,616	1,33E-10
CHRNA7	ENSG00000175344.16	0,4	1,145	-0,616	1,15E-09
ACKR1	ENSG00000213088.9	21,99	34,226	-0,616	0,000016
MTFR1L	ENSG00000117640.17	45,21	69,775	-0,615	2,42E-42
ZNF519	ENSG00000175322.11	1,5	2,83	-0,615	2E-21
NDEL1	ENSG00000166579.15	21,475	33,419	-0,615	1,57E-17
SYNJ1	ENSG00000159082.17	2,44	4,27	-0,615	2,65E-14
USP32P3	ENSG00000189423.11	0,26	0,93	-0,615	1,57E-11

PGAM2	ENSG00000164708.5	0,42	1,175	-0,615	0,0000028
VWDE	ENSG00000146530.11	0,58	1,42	-0,615	0,0000111
KCNK3	ENSG00000171303.6	3,455	5,825	-0,615	0,00683
GHc-857G6.7	ENSG00000279894.1	0,13	0,73	-0,614	1,18E-55
PPM1N	ENSG00000213889.10	0,46	1,235	-0,614	4,72E-28
RBFOX1	ENSG00000078328.19	0,15	0,76	-0,614	2,73E-25
STK32A	ENSG00000169302.14	0,29	0,975	-0,614	7,93E-19
KANK4	ENSG00000132854.18	0,31	1,005	-0,614	8,65E-17
RP11-45A17.2	ENSG00000277959.1	2,08	3,715	-0,614	4,63E-16
HERC2P4	ENSG00000230267.7	0,13	0,73	-0,614	1,75E-11
CTD-2201E18.5	ENSG00000271788.1	0,21	0,85	-0,613	5,39E-33
GRIK3	ENSG00000163873.9	0,18	0,805	-0,613	9,21E-32
AMZ2P1	ENSG00000214174.8	7,23	11,59	-0,613	6,02E-29
RP11-20I23.2	ENSG00000279520.1	0,36	1,08	-0,613	7,37E-26
ATP6V1G2	ENSG00000213760.10	0,86	1,845	-0,613	3,02E-25
CNTROB	ENSG00000170037.13	19,81	30,822	-0,613	5,94E-21
CD1D	ENSG00000158473.6	0,68	1,57	-0,613	7,22E-19
TIAL1	ENSG00000151923.17	41,859	64,551	-0,613	3,11E-16
ZNF37A	ENSG00000075407.17	5,065	8,279	-0,613	1,58E-12
SENP7	ENSG00000138468.15	5,125	8,365	-0,613	2,36E-12
PLAU	ENSG00000122861.15	4,895	8,015	-0,613	4,98E-12
MAP3K7	ENSG00000135341.17	9,705	15,37	-0,613	7,73E-12
FUT2	ENSG00000176920.11	0,9	1,905	-0,613	5,1E-10
CTDSP2	ENSG00000175215.9	48,4	74,565	-0,613	1,74E-08
SNHG20	ENSG00000234912.9	5,51	8,955	-0,613	2,08E-07
LINC00987	ENSG00000237248.4	0,4	1,14	-0,612	2,82E-42
RP11-384M20.1	ENSG00000280198.1	0,22	0,865	-0,612	6,35E-37
AP006621.5	ENSG00000255284.1	6,31	10,17	-0,612	1,14E-31
ZNF274	ENSG00000171606.17	11,245	17,715	-0,612	9,69E-14
MRAP2	ENSG00000135324.5	2,48	4,32	-0,612	4,33E-07
GPATCH2L	ENSG00000089916.17	5,81	9,409	-0,612	0,0000066
PHTF2	ENSG00000006576.16	3,31	5,585	-0,611	4,37E-14
TENM3	ENSG00000218336.7	0,905	1,91	-0,611	2,5E-13
CARF	ENSG00000138380.17	2,375	4,155	-0,611	1,4E-10
CREBRF	ENSG00000164463.12	5,015	8,185	-0,611	3,14E-08
RP11-399O19.9	ENSG00000261438.1	0,52	1,32	-0,61	4,53E-40
LINC01359	ENSG00000226891.6	0,15	0,755	-0,61	6,09E-40
HCG4P11	ENSG00000225864.1	0,16	0,77	-0,61	1,66E-37
RP11-347C12.11	ENSG00000274653.1	1,48	2,785	-0,61	1,27E-23
DMC1	ENSG00000100206.9	0,415	1,16	-0,61	3,26E-23
WNT10A	ENSG00000135925.8	0,605	1,45	-0,61	1,27E-21
LINC00899	ENSG00000231711.2	2,105	3,74	-0,61	9,61E-19
BBS2	ENSG00000125124.11	24,765	38,336	-0,61	2,58E-17
MS4A2	ENSG00000149534.8	0,68	1,565	-0,61	4,16E-13
KANSL1	ENSG00000120071.12	15,18	23,695	-0,61	5,79E-10
ZC3H12B	ENSG00000102053.12	0,56	1,38	-0,609	7,34E-27

RP1-267L14.6	ENSG00000274227.1	0,37	1,09	-0,609	4,51E-23
ZNF25	ENSG00000175395.15	4,1	6,78	-0,609	1,2E-18
ZKSCAN7	ENSG00000196345.12	1,39	2,645	-0,609	2,57E-16
ZNF213-AS1	ENSG00000263072.5	12,185	19,113	-0,609	2,06E-15
TRIM38	ENSG00000112343.10	3,92	6,505	-0,609	1,01E-14
RP11-355O1.11	ENSG00000261094.2	2,595	4,485	-0,609	3,92E-11
ADORA3	ENSG00000282608.1	1,01	2,065	-0,609	1,08E-10
LRR6	ENSG00000129295.8	1,5	2,81	-0,608	8,45E-21
RP3-425C14.4	ENSG00000279453.1	2,955	5,03	-0,608	8,74E-13
CCDC40	ENSG00000141519.14	4,035	6,675	-0,608	0,0000024
RP1-224A6.9	ENSG00000271840.1	0,09	0,66	-0,607	7,3E-52
DUTP6	ENSG00000225171.2	0,405	1,14	-0,607	3,04E-34
GPAA1P2	ENSG00000230596.2	0,3	0,98	-0,607	3,43E-32
CTD-3099C6.9	ENSG00000269825.1	0,31	0,995	-0,607	8,55E-26
RAD54B	ENSG00000197275.12	1,75	3,19	-0,607	6,98E-21
RP11-147L13.12	ENSG00000274561.1	4,355	7,155	-0,607	1,01E-15
CTD-2647L4.4	ENSG00000259366.1	1,095	2,19	-0,607	0,000377
SOGA3	ENSG00000255330.8	0,15	0,75	-0,606	8,18E-34
RP5-858L17.1	ENSG00000276649.1	0,33	1,025	-0,606	8,22E-34
MVB12B	ENSG00000196814.14	4,66	7,615	-0,606	1,36E-16
RHOF	ENSG00000139725.7	2,505	4,335	-0,606	1,27E-15
MROH1	ENSG00000179832.17	14,795	23,033	-0,606	1,09E-13
RP11-225B17.2	ENSG00000273014.1	3,4	5,695	-0,606	2,94E-13
RBM26	ENSG00000139746.15	12,545	19,61	-0,606	2,02E-09
MAML2	ENSG00000184384.13	3,145	5,31	-0,606	1,23E-08
MRRF	ENSG00000148187.17	19,315	29,93	-0,606	2,54E-07
ABC1	ENSG00000085563.14	4,055	6,695	-0,606	2,84E-06
ADAM22	ENSG00000008277.14	2,36	4,115	-0,606	0,0000245
DYNC1LI2	ENSG00000135720.12	32,98	50,704	-0,606	0,0000742
AGO2	ENSG00000123908.11	3,645	6,07	-0,606	0,000118
RP11-446H18.5	ENSG00000239828.6	0,17	0,78	-0,605	7,55E-46
ASIP	ENSG00000101440.9	0,095	0,665	-0,605	1,65E-41
CCDC174	ENSG00000154781.15	9,99	15,715	-0,605	4,3E-38
RP3-508I15.22	ENSG00000273076.1	0,2	0,825	-0,605	1,77E-33
RP11-46F15.2	ENSG00000238260.1	0,42	1,16	-0,605	3,12E-30
PTX3	ENSG00000163661.3	0,2	0,825	-0,605	2,23E-22
SMCHD1	ENSG00000101596.14	9,995	15,725	-0,605	0,0000798
RP11-734K2.4	ENSG00000270344.2	0,24	0,885	-0,604	7,81E-58
HRASLS5	ENSG00000168004.9	0,28	0,945	-0,604	4,27E-39
AC107081.5	ENSG00000236498.1	0,27	0,93	-0,604	2,64E-37
RP11-727A23.4	ENSG00000254676.1	0,26	0,915	-0,604	1,52E-32
DCLK2	ENSG00000170390.14	2,83	4,82	-0,604	3,18E-20
YAF2	ENSG00000015153.14	7,75	12,299	-0,604	4,06E-15
CAPN15	ENSG00000103326.10	13,08	20,4	-0,604	2,13E-12
ITPRIP	ENSG00000148841.15	7,275	11,58	-0,604	6,53E-11
CHST9	ENSG00000154080.12	1	2,04	-0,604	7,57E-06

RP11-412D9.4	ENSG00000260329.1	0,89	1,87	-0,603	1,36E-41
KNDC1	ENSG00000171798.17	0,36	1,065	-0,603	5,44E-28
ZDHHC14	ENSG00000175048.16	8,545	13,495	-0,603	1,11E-06
RP11-33O4.2	ENSG00000280537.2	0,1	0,67	-0,602	5,13E-41
RP11-506M12.1	ENSG00000242798.1	0,14	0,73	-0,602	1,71E-32
NSMCE4A	ENSG00000107672.14	45,165	69,053	-0,602	1,26E-21
USP53	ENSG00000145390.11	6,985	11,12	-0,602	6,51E-07
FTX	ENSG00000230590.7	2,215	3,88	-0,602	0,0000274
RP11-1024P17.1	ENSG00000261468.1	0,22	0,85	-0,601	1,18E-44
RP11-392O17.2	ENSG00000277007.1	0,15	0,745	-0,601	8,03E-42
PMP2	ENSG00000147588.6	0,16	0,76	-0,601	2,41E-38
RP13-20L14.10	ENSG00000279744.1	0,2	0,82	-0,601	1,55E-36
CTAGE7P	ENSG00000233122.2	0,17	0,775	-0,601	6,31E-33
CCDC107	ENSG00000159884.11	27,296	41,905	-0,601	3,61E-32
CBWD5	ENSG00000147996.16	23,58	36,289	-0,601	2,65E-25
CCDC109B	ENSG00000005059.15	2,06	3,64	-0,601	1,96E-15
GLMN	ENSG00000174842.16	5,525	8,894	-0,601	3,18E-15
CHMP1B2P	ENSG00000278530.4	0,335	1,025	-0,601	1,16E-13
NEK9	ENSG00000119638.12	31	47,54	-0,601	2,25E-13
RANBP10	ENSG00000141084.10	7,63	12,09	-0,601	3,77E-09
TNFRSF1B	ENSG0000028137.16	5,98	9,59	-0,601	3,5E-07
RP11-247I13.11	ENSG00000240591.1	0,28	0,94	-0,6	6,57E-42
SMG6	ENSG00000070366.13	20,04	30,889	-0,6	1,64E-26
SEMA7A	ENSG00000138623.9	0,95	1,955	-0,6	1,53E-19
PPP3CB-AS1	ENSG00000221817.9	4,68	7,61	-0,6	6,58E-16
43891	ENSG00000145416.13	1,005	2,04	-0,6	1,72E-09
TCF7L2	ENSG00000148737.15	8,8	13,855	-0,6	3,58E-09
BTN3A3	ENSG00000111801.15	8,23	12,99	-0,6	1,04E-06
COL4A2-AS1	ENSG00000232814.2	0	0,515	-0,599	5,38E-43
SFTPC	ENSG00000168484.12	0,03	0,56	-0,599	6,38E-34
CTD-2574D22.6	ENSG00000281348.1	0,38	1,09	-0,599	2,34E-18
RP11-175P13.3	ENSG00000257489.6	0,825	1,765	-0,599	1,11E-16
MFSD8	ENSG00000164073.9	4,77	7,74	-0,599	1,46E-15
ODAM	ENSG00000109205.16	0,39	1,105	-0,599	1,12E-08
ALDH1L1-AS2	ENSG00000246022.2	0,1	0,665	-0,598	7,24E-56
RP11-932O9.7	ENSG00000247728.2	0,78	1,695	-0,598	6,48E-30
C5orf66-AS1	ENSG00000249082.2	0,12	0,695	-0,598	9,87E-20
ZNF521	ENSG00000198795.10	1,16	2,27	-0,598	3,83E-13
TMEM44	ENSG00000145014.17	6,82	10,84	-0,598	1,13E-12
RP11-981P6.1	ENSG00000258302.2	0,2	0,815	-0,597	4,72E-40
ANKDD1B	ENSG00000189045.13	0,21	0,83	-0,597	3,57E-33
PDCL3P4	ENSG00000244119.1	1,945	3,455	-0,597	7,95E-25
PRELID2	ENSG00000186314.11	0,96	1,965	-0,597	1,41E-23
AK1	ENSG00000106992.17	29,151	44,594	-0,597	6,96E-23
AC002059.10	ENSG00000273216.1	0,405	1,125	-0,597	1,15E-19
AAAS	ENSG00000094914.12	33,935	51,85	-0,597	1,04E-16

SLX1A	ENSG00000132207.17	15,06	23,295	-0,597	2,6E-14
TVP23C	ENSG00000175106.16	3,865	6,36	-0,597	1,3E-13
CLCA4	ENSG00000016602.9	0,16	0,755	-0,597	1,58E-10
ASB5	ENSG00000164122.8	1,72	3,115	-0,597	0,000235
PGM5P4-AS1	ENSG00000231943.7	0,26	0,905	-0,596	8,36E-31
CTC-444N24.6	ENSG00000267871.5	1,12	2,205	-0,596	2,51E-28
CILP	ENSG00000138615.5	0,455	1,2	-0,596	9,86E-18
GPM6A	ENSG00000150625.16	1,23	2,37	-0,596	8,54E-12
SRGN	ENSG00000122862.4	32,834	50,129	-0,596	0,0000193
SDC1	ENSG00000115884.10	32,255	49,28	-0,596	0,0000896
RP1-164F3.8	ENSG00000234557.2	0	0,51	-0,595	2,21E-40
KIAA1551	ENSG00000174718.11	10,34	16,125	-0,595	1,53E-23
CUEDC1	ENSG00000180891.12	23,715	36,319	-0,595	2,64E-12
ART3	ENSG00000156219.16	0,41	1,13	-0,595	9,89E-10
PER3	ENSG00000049246.14	6,375	10,14	-0,595	9,64E-08
LINC00261	ENSG00000259974.2	0,185	0,79	-0,595	3,6E-07
MSL1	ENSG00000188895.11	48,286	73,455	-0,595	1,71E-06
CYR61	ENSG00000142871.15	68,168	103,504	-0,595	0,0000102
RP11-116D17.3	ENSG00000271579.1	0,11	0,675	-0,594	1,1E-41
ABHD8	ENSG00000127220.5	8,61	13,51	-0,594	3,03E-30
NEURL2	ENSG00000124257.6	1,925	3,415	-0,594	6,22E-29
PCDH9	ENSG00000184226.14	0,305	0,97	-0,594	3,47E-24
ZNF19	ENSG00000157429.15	2,33	4,025	-0,594	9,59E-23
AKR7A3	ENSG00000162482.4	0,57	1,37	-0,594	2,29E-18
DEFB109P3	ENSG00000254866.2	0,305	0,97	-0,594	3,83E-18
CEMP1	ENSG00000205923.3	3,81	6,26	-0,594	1,27E-12
	44082 ENSG00000164402.13	13,57	20,99	-0,594	1,88E-11
MTURN	ENSG00000180354.15	11,705	18,175	-0,594	8,15E-11
RP11-977G19.5	ENSG00000258199.1	2,33	4,025	-0,594	4,86E-10
SEMA3D	ENSG00000153993.13	1,23	2,365	-0,594	0,0307
SLC7A9	ENSG00000021488.12	0,24	0,87	-0,593	1,49E-37
GRAPL	ENSG00000189152.10	0,18	0,78	-0,593	5,88E-33
CTPS1	ENSG00000171793.13	14,295	22,075	-0,593	1,37E-15
RP11-13K12.5	ENSG00000267466.1	0,2	0,81	-0,593	1,22E-12
SMARCC2	ENSG00000139613.11	30,715	46,835	-0,593	6,41E-06
FAM178B	ENSG00000168754.13	0,4	1,11	-0,592	8,41E-29
AP001046.5	ENSG00000237989.1	0,37	1,065	-0,592	4,93E-26
STRC	ENSG00000242866.9	0,42	1,14	-0,592	1,13E-23
ZNF449	ENSG00000173275.12	1,87	3,325	-0,592	2,84E-23
NPIP15	ENSG00000196436.8	4,595	7,431	-0,592	1,76E-15
MT-CO3	ENSG00000198938.2	12742,846	19208,403	-0,592	2,69E-12
PIK3R5	ENSG00000141506.13	0,98	1,985	-0,592	1,53E-08
SREK1	ENSG00000153914.15	22,255	34,056	-0,592	5,5E-08
CECR1	ENSG00000093072.15	9,25	14,449	-0,592	0,000311
RPL7AP10	ENSG00000240522.1	0,185	0,785	-0,591	5,21E-28
HRH2	ENSG00000113749.6	0,53	1,305	-0,591	1,63E-17

PTGES3P1	ENSG00000234518.2	6,76	10,685	-0,591	7,55E-12
ZNF529	ENSG00000186020.12	4,67	7,54	-0,591	1,81E-11
SETD1B	ENSG00000139718.10	8,19	12,84	-0,591	9,98E-11
SF1	ENSG00000168066.20	122,33	184,777	-0,591	4,33E-09
HSBP1L1	ENSG00000226742.3	18,58	28,479	-0,59	5,94E-20
VPS13A	ENSG00000197969.11	8,395	13,139	-0,59	5,04E-07
ITGA2	ENSG00000164171.10	2,48	4,24	-0,59	0,0000973
RP11-552F3.12	ENSG00000267426.5	0,3	0,955	-0,589	1,75E-36
RP11-669E14.6	ENSG00000262372.1	0,14	0,715	-0,589	2,91E-26
ORAOV1	ENSG00000149716.12	14,31	22,034	-0,589	3,12E-12
RAP2C	ENSG00000123728.9	6,15	9,755	-0,589	3,36E-11
AMPH	ENSG00000078053.16	0,41	1,12	-0,588	7,69E-36
ARSI	ENSG00000183876.8	0,42	1,135	-0,588	6,68E-29
KIAA1328	ENSG00000150477.14	2,45	4,185	-0,588	7,6E-22
LEMD2	ENSG00000161904.11	35,809	54,324	-0,588	1,53E-20
TMEM37	ENSG00000171227.6	1,355	2,54	-0,588	3,3E-18
SPRY4	ENSG00000187678.8	4,61	7,435	-0,588	0,0096
NOL4L	ENSG00000197183.12	5,015	8,035	-0,587	7,59E-22
NMT1	ENSG00000136448.11	25,205	38,37	-0,587	6,47E-20
CHN1	ENSG00000128656.13	7,495	11,76	-0,587	2,22E-13
TP53BP1	ENSG00000067369.13	13,84	21,29	-0,587	7,82E-10
A2M	ENSG00000175899.14	131,279	197,758	-0,587	0,0000215
MAF	ENSG00000178573.6	9,875	15,335	-0,587	0,000111
GNAI2	ENSG00000114353.16	102,44	154,251	-0,586	7,61E-20
P2RX7	ENSG00000089041.16	0,735	1,605	-0,586	4,24E-18
RP11-1275H24.2	ENSG00000272953.1	0,865	1,8	-0,586	4,51E-18
GORASP1	ENSG00000114745.13	35,45	53,699	-0,586	4,26E-17
PRSS12	ENSG00000164099.3	0,555	1,335	-0,586	2,03E-15
VIM-AS1	ENSG00000229124.6	0,795	1,695	-0,586	6,32E-12
TIAM1	ENSG00000156299.12	2,46	4,195	-0,586	1,69E-09
GIMAP7	ENSG00000179144.4	5,72	9,09	-0,586	0,000111
CH17-408M7.1	ENSG00000277420.1	0,08	0,62	-0,585	4,4E-67
RP11-455F5.6	ENSG00000275371.1	0,1	0,65	-0,585	1,21E-49
APLF	ENSG00000169621.9	0,56	1,34	-0,585	5,48E-38
PGA5	ENSG00000256713.7	0	0,5	-0,585	2,68E-32
SLC16A1-AS1	ENSG00000226419.6	0,35	1,025	-0,585	5,71E-32
ASB1	ENSG00000065802.11	9,08	14,12	-0,585	9,61E-32
RP11-83M16.4	ENSG00000249721.1	0,08	0,62	-0,585	9,25E-29
CLK3	ENSG00000179335.18	47,29	71,426	-0,585	4,54E-23
SMG1P2	ENSG00000205534.6	0,66	1,49	-0,585	5,98E-22
CTD-2006H14.2	ENSG00000271971.1	2,79	4,685	-0,585	1,1E-19
GATAD1	ENSG00000157259.6	18,005	27,515	-0,585	2,92E-17
FJX1	ENSG00000179431.6	2,18	3,77	-0,585	4,31E-15
MAP1LC3A	ENSG00000101460.12	47,254	71,389	-0,585	1,82E-13
DOCK1	ENSG00000150760.12	13,095	20,15	-0,585	1,87E-09
MYCT1	ENSG00000120279.6	1,91	3,365	-0,585	1,21E-08

SEMA5A	ENSG00000112902.11	0,95	1,925	-0,585	1,93E-07
LPP	ENSG00000145012.12	16,74	25,615	-0,585	0,000453
PQLC1	ENSG00000122490.18	23,87	36,289	-0,584	1,22E-28
NFYB	ENSG00000120837.7	24,18	36,745	-0,584	2,43E-23
FOLR1	ENSG00000110195.11	0,645	1,465	-0,584	1,01E-15
AC034220.3	ENSG00000233006.6	6,63	10,435	-0,584	2,56E-14
CTD-2325P2.4	ENSG00000259038.1	1,055	2,08	-0,584	1,64E-11
LAPTM4B	ENSG00000104341.16	15,42	23,612	-0,584	1,42E-06
BICD2	ENSG00000185963.13	6,66	10,475	-0,583	5,04E-18
LINC01480	ENSG00000270164.1	1,08	2,115	-0,583	2,06E-14
MPPE1	ENSG00000154889.16	21,48	32,68	-0,583	2,06E-13
EPC1	ENSG00000120616.15	15,39	23,555	-0,583	1,38E-11
GALNT16	ENSG00000100626.16	2,585	4,37	-0,583	6,12E-08
KLHL5	ENSG00000109790.16	12,245	18,845	-0,583	6,21E-08
SSH1	ENSG00000084112.14	3,775	6,155	-0,583	6,87E-06
EVA1A	ENSG00000115363.13	0,61	1,41	-0,582	2,46E-36
MYPOP	ENSG00000176182.5	4,61	7,4	-0,582	9,74E-34
ISCU	ENSG00000136003.15	99,435	149,318	-0,582	1,11E-33
KAT8	ENSG00000103510.19	32,59	49,287	-0,582	6,03E-30
MTHFSD	ENSG00000103248.17	8,78	13,635	-0,582	7,97E-22
CYB5D1	ENSG00000182224.11	8,91	13,835	-0,582	1,95E-14
LRRRC69	ENSG00000214954.8	0,5	1,245	-0,582	1,35E-13
DNM1L	ENSG00000087470.17	24,125	36,6	-0,582	1,83E-09
DGKQ	ENSG00000145214.13	5,205	8,29	-0,582	1,23E-07
RP1-159A19.3	ENSG00000235912.1	1,245	2,36	-0,582	5,14E-07
LXN	ENSG00000079257.7	19,084	29,07	-0,582	0,000016
DIRC3	ENSG00000231672.6	0,1	0,645	-0,581	6,62E-59
AP003068.18	ENSG00000255200.1	0,19	0,78	-0,581	2,16E-57
RHOXF1	ENSG00000101883.4	0,12	0,675	-0,581	2,27E-47
TM6SF2	ENSG00000213996.12	0,21	0,81	-0,581	3,67E-40
TTC34	ENSG00000215912.10	0,19	0,78	-0,581	5,23E-34
R3HCC1L	ENSG00000166024.13	7,545	11,78	-0,581	6E-26
RP11-385F5.5	ENSG00000273058.2	2,285	3,915	-0,581	8,08E-20
ABCD1	ENSG00000101986.11	6,155	9,7	-0,581	1,06E-18
LLNLR-222A1.1	ENSG00000282798.1	0,35	1,02	-0,581	1,79E-14
AATBC	ENSG00000215458.8	0,34	1,005	-0,581	2,6E-09
PTPN12	ENSG00000127947.15	16,805	25,642	-0,581	2,68E-08
RICTOR	ENSG00000164327.12	3,76	6,12	-0,581	9,53E-06
PTPRM	ENSG00000173482.16	20,18	30,685	-0,581	0,000126
HYDIN2	ENSG00000276975.1	0,05	0,57	-0,58	2,48E-61
ZRSR1	ENSG00000212643.2	0,08	0,615	-0,58	3,79E-45
RILPL1	ENSG00000188026.11	8,685	13,475	-0,58	1,27E-31
NAGS	ENSG00000161653.10	0,92	1,87	-0,58	1,37E-29
DLEU2	ENSG00000231607.8	0,95	1,915	-0,58	1,71E-20
PCAT19	ENSG00000267107.6	1,595	2,88	-0,58	8,76E-12
CDHR3	ENSG00000128536.15	0,92	1,87	-0,58	6,24E-07

GOLGA2P10	ENSG00000255769.7	21,916	33,251	-0,58	0,0000542
ACTN1-AS1	ENSG00000259062.2	0,175	0,755	-0,579	1,37E-45
TMCC2	ENSG00000133069.14	0,54	1,3	-0,579	9,41E-36
CCNB1IP1	ENSG00000100814.17	23,659	35,84	-0,579	2,39E-27
RP11-977G19.11	ENSG00000257303.1	2,24	3,84	-0,579	8E-23
TMEM265	ENSG00000281991.1	9,435	14,583	-0,579	4,28E-14
AVPR1A	ENSG00000166148.3	0,57	1,345	-0,579	2,49E-09
SON	ENSG00000159140.17	80,794	121,174	-0,579	3,4E-09
RASL11B	ENSG00000128045.6	1,53	2,78	-0,579	1,71E-08
MTSS1	ENSG00000170873.18	7,48	11,665	-0,579	2,58E-06
AP000432.1	ENSG00000280594.1	0,34	1	-0,578	7,62E-46
CEP152	ENSG00000103995.13	0,47	1,195	-0,578	3,09E-36
ADAM23	ENSG00000114948.12	0,5	1,24	-0,578	4,06E-12
ZNF594	ENSG00000180626.9	2,57	4,33	-0,578	1,44E-11
ACAA2	ENSG00000167315.17	15,565	23,737	-0,578	1,65E-09
ZBTB26	ENSG00000171448.8	3,27	5,375	-0,578	1,93E-09
SH3RF3	ENSG00000172985.10	2,25	3,85	-0,578	5,97E-09
ZNF740	ENSG00000139651.10	7,355	11,474	-0,578	1,25E-08
CH25H	ENSG00000138135.6	1,505	2,74	-0,578	4,67E-07
RP11-571M6.18	ENSG00000269903.1	0,26	0,88	-0,577	1,33E-37
PCSK2	ENSG00000125851.9	0,17	0,745	-0,577	1,2E-23
ZNF302	ENSG00000089335.20	14,98	22,84	-0,577	1,34E-10
KPNA5	ENSG00000196911.9	3,575	5,825	-0,577	2,06E-09
TTC32	ENSG00000183891.5	13,265	20,275	-0,577	2,43E-09
LINC01106	ENSG00000175772.10	9,165	14,16	-0,577	1,47E-06
CACTIN-AS1	ENSG00000226800.5	0,11	0,655	-0,576	2,93E-56
FTOP1	ENSG00000226491.1	0,14	0,7	-0,576	5,47E-56
RP11-666A8.7	ENSG00000267543.1	0,06	0,58	-0,576	3,55E-48
EBAG9P1	ENSG00000233690.1	0,13	0,685	-0,576	1,4E-35
TCEAL4	ENSG00000133142.17	177,41	265,036	-0,576	5,48E-29
CYP17A1	ENSG00000148795.5	0,07	0,595	-0,576	9,46E-28
APOA1	ENSG00000118137.9	0,11	0,655	-0,576	1,75E-20
RP11-727F15.9	ENSG00000256690.1	0,915	1,855	-0,576	3,41E-20
DPP9	ENSG00000142002.16	14,715	22,42	-0,576	3,45E-16
EBF3	ENSG00000108001.13	0,61	1,4	-0,576	1,75E-12
LRIG3	ENSG00000139263.11	6,31	9,9	-0,576	2,02E-08
RYR2	ENSG00000198626.15	1,65	2,95	-0,576	0,000366
GLRX	ENSG00000173221.13	19,335	29,309	-0,576	0,000493
COX6A2	ENSG00000156885.5	0,08	0,61	-0,576	0,0123
RP11-454E5.4	ENSG00000278126.1	2,35	3,99	-0,575	1,54E-22
GNB5	ENSG00000069966.18	11,805	18,075	-0,575	1,17E-18
AD000684.2	ENSG00000268947.1	0,49	1,22	-0,575	9,74E-18
SAMSN1	ENSG00000155307.17	1,615	2,895	-0,575	0,0000025
TNNI3K	ENSG00000116783.14	0,31	0,95	-0,574	9,54E-49
RP11-1099M24.6	ENSG00000280046.1	0,34	0,995	-0,574	7,87E-27
CTD-2369P2.10	ENSG00000167807.15	0,78	1,65	-0,574	9,87E-27

ABCB9	ENSG00000150967.17	2,06	3,555	-0,574	5,88E-23
LCA5	ENSG00000135338.13	1,29	2,41	-0,574	8,3E-20
FUK	ENSG00000157353.16	10,14	15,58	-0,574	7,51E-15
IER5	ENSG00000162783.10	3,05	5,025	-0,573	6,76E-17
RP11-848P1.9	ENSG00000266865.6	2,575	4,32	-0,573	9,21E-16
KDM2B	ENSG00000089094.16	7,245	11,265	-0,573	2,95E-13
EPG5	ENSG00000152223.12	4,875	7,74	-0,573	4,56E-11
ATP8B4	ENSG00000104043.14	1,995	3,455	-0,573	0,000673
ANKLE1	ENSG00000160117.14	0,15	0,71	-0,572	5,72E-45
FUT3	ENSG00000171124.12	0,16	0,725	-0,572	4,2E-34
MAP2K7	ENSG00000076984.17	15,65	23,76	-0,572	6,45E-23
FAM167B	ENSG00000183615.5	6,805	10,599	-0,572	1,31E-13
ISM2	ENSG00000100593.17	0,5	1,23	-0,572	9,6E-10
PLIN2	ENSG00000147872.9	16,7	25,305	-0,572	3,74E-07
LINC01515	ENSG00000228065.10	1,27	2,375	-0,572	9,29E-07
CHL1	ENSG00000134121.9	1,445	2,635	-0,572	0,000721
C2orf15	ENSG00000241962.9	0,255	0,865	-0,571	1,21E-47
ZRSR2	ENSG00000169249.12	9,995	15,33	-0,571	1,11E-33
PRR3	ENSG00000204576.11	7,655	11,86	-0,571	5,46E-27
APBA3	ENSG00000011132.11	11,755	17,945	-0,571	6,7E-26
CDK9	ENSG00000136807.11	34,476	51,696	-0,571	5,1E-22
VWA7	ENSG00000204396.10	0,71	1,54	-0,571	8,55E-10
RP11-135L13.4	ENSG00000265263.1	0,03	0,53	-0,571	3,31E-09
RP11-576C2.1	ENSG00000267793.1	0,36	1,02	-0,571	1,06E-07
ADD1	ENSG00000087274.16	119,39	177,773	-0,57	4,94E-25
ARRDC1-AS1	ENSG00000203993.4	13,625	20,715	-0,57	6,99E-25
CTD-2235C13.1	ENSG00000242198.1	0,31	0,945	-0,57	3,29E-16
KLHL13	ENSG00000003096.13	2,365	3,995	-0,57	8,94E-14
SEC23A	ENSG00000100934.14	10,835	16,574	-0,57	4,17E-09
KIAA2026	ENSG00000183354.11	5,96	9,335	-0,57	6,3E-09
PLAC8	ENSG00000145287.10	2,135	3,655	-0,57	0,0000511
SMG1	ENSG00000157106.16	7,515	11,645	-0,57	0,000156
B3GAT2	ENSG00000112309.10	0,19	0,765	-0,569	9,77E-51
RP11-609D21.3	ENSG00000279296.1	0,23	0,825	-0,569	5,62E-28
TBC1D10A	ENSG00000099992.15	18,39	27,77	-0,569	3,93E-23
FER	ENSG00000151422.12	1,5	2,71	-0,569	1,43E-20
FMO4	ENSG00000076258.9	1,825	3,19	-0,569	6,84E-15
RUNDC3A	ENSG00000108309.12	0,8	1,67	-0,569	1,12E-14
PODNL1	ENSG00000132000.11	2,62	4,37	-0,569	5,06E-12
ANO8	ENSG00000074855.10	3,465	5,622	-0,569	2,42E-10
NDE1	ENSG00000072864.12	10,935	16,705	-0,569	9,75E-10
GLTSCR1	ENSG00000063169.10	6,755	10,505	-0,569	1,94E-09
SYNC	ENSG00000162520.14	1,895	3,295	-0,569	0,0000001
URB1	ENSG00000142207.6	6,315	9,85	-0,569	0,000022
ADGRB3	ENSG00000135298.13	0,12	0,66	-0,568	3,04E-53
RP11-479G22.8	ENSG00000273038.2	0,71	1,535	-0,568	2,64E-39

RP11-673E1.3	ENSG00000249741.2	0,17	0,735	-0,568	4,74E-39
TSSK4	ENSG00000139908.14	0,545	1,29	-0,568	2,02E-23
PSTPIP1	ENSG00000140368.12	2,09	3,58	-0,568	2,88E-19
NUP85	ENSG00000125450.10	25,021	37,584	-0,568	7,28E-18
HADHAP1	ENSG00000251596.1	0,295	0,92	-0,568	2,13E-17
RP11-326C3.16	ENSG00000277290.1	0,45	1,15	-0,568	6,13E-11
RP11-242D8.1	ENSG00000267002.1	1,645	2,92	-0,568	3,28E-09
EMID1	ENSG00000186998.15	4,265	6,805	-0,568	0,0000117
RP11-336K24.12	ENSG00000273002.1	0,06	0,57	-0,567	1,46E-60
FKSG61	ENSG00000280308.1	0,1	0,63	-0,567	4,57E-41
RP11-216B9.6	ENSG00000228395.1	0,61	1,385	-0,567	5,96E-40
NAPSA	ENSG00000131400.7	0,64	1,43	-0,567	7,42E-32
GUSBP4	ENSG00000239650.4	0,65	1,445	-0,567	4,39E-28
RP11-146D12.2	ENSG00000240240.8	0,34	0,985	-0,567	1,88E-25
RP11-513I15.6	ENSG00000225339.3	11,86	18,045	-0,567	3,87E-17
RBM28	ENSG00000106344.8	10,33	15,79	-0,567	3,3E-12
SLC8A2	ENSG00000118160.13	0,35	1	-0,567	3,58E-12
RASSF8-AS1	ENSG00000246695.7	3,925	6,295	-0,567	1,83E-11
PTPDC1	ENSG00000158079.14	2,2	3,74	-0,567	3,64E-11
DDX5	ENSG00000108654.11	318,323	472,198	-0,567	3,56E-10
USP28	ENSG00000048028.11	8,935	13,72	-0,567	1,69E-08
GATA6-AS1	ENSG00000266010.1	0,26	0,865	-0,566	3,43E-31
MGAT3	ENSG00000128268.11	0,27	0,88	-0,566	3,77E-24
PLBD1-AS1	ENSG00000256751.5	0,27	0,88	-0,566	1,46E-23
TOE1	ENSG00000132773.11	5,99	9,345	-0,566	1,26E-21
RP11-589P10.5	ENSG00000262089.1	1,82	3,175	-0,566	3,01E-17
SKIV2L	ENSG00000204351.11	37,16	55,485	-0,566	4,02E-14
RN7SL262P	ENSG00000265033.2	0	0,48	-0,566	1,43E-13
RP3-406A7.7	ENSG00000260418.1	5,27	8,28	-0,566	7,95E-08
ZNF641	ENSG00000167528.12	5,315	8,35	-0,566	0,0000071
COL28A1	ENSG00000215018.9	2,27	3,84	-0,566	7,11E-06
AMH	ENSG00000104899.5	0,52	1,25	-0,566	0,00248
RP11-8P13.5	ENSG00000274976.1	0,21	0,79	-0,565	1,51E-34
SNHG21	ENSG00000250988.7	5,625	8,8	-0,565	7,73E-20
CARD16	ENSG00000204397.7	6,715	10,41	-0,565	3,56E-14
LRIG2	ENSG00000198799.11	3,105	5,075	-0,565	4,42E-12
ZFP92	ENSG00000189420.8	0,14	0,685	-0,564	2,49E-59
RAB28P5	ENSG00000225400.1	0,495	1,21	-0,564	6,06E-45
KCNT2	ENSG00000162687.16	0,16	0,715	-0,564	2,69E-41
LINC00176	ENSG00000196421.7	0,16	0,715	-0,564	1,17E-40
RP11-400F19.18	ENSG00000267632.1	0,17	0,73	-0,564	1,65E-36
GTF3C5	ENSG00000148308.17	35,61	53,134	-0,564	3,26E-30
SPDYE6	ENSG00000260097.2	0,38	1,04	-0,564	1,03E-24
DENND5A	ENSG00000184014.7	24,625	36,88	-0,564	1E-21
EIF4ENIF1	ENSG00000184708.17	11,33	17,225	-0,564	1,65E-15
IL1RL2	ENSG00000115598.9	0,38	1,04	-0,564	6,36E-14

TULP3	ENSG00000078246.15	9,3	14,225	-0,564	7,38E-13
ADGRL4	ENSG00000162618.12	5,37	8,415	-0,564	0,000385
PDLIM3	ENSG00000154553.13	52,674	78,376	-0,564	0,00201
A2M-AS1	ENSG00000245105.2	1,105	2,11	-0,563	3,05E-29
VWA5B2	ENSG00000145198.14	0,435	1,12	-0,563	2,31E-27
PRH1	ENSG00000231887.6	1,26	2,34	-0,563	2,6E-20
ZNF44	ENSG00000197857.13	5,64	8,81	-0,563	1,53E-17
UBBP4	ENSG00000263563.5	1,38	2,515	-0,563	9,36E-12
USP24	ENSG00000162402.12	7,98	12,265	-0,563	7,46E-09
CCDC74B	ENSG00000152076.18	6,21	9,655	-0,563	6,02E-06
BVES	ENSG00000112276.13	1,755	3,07	-0,563	6,53E-06
KLHL36	ENSG00000135686.12	12,89	19,52	-0,563	0,0000142
FAM83D	ENSG00000101447.13	3,905	6,245	-0,563	0,0000903
CTD-2525P14.5	ENSG00000280073.1	0,07	0,58	-0,562	8,54E-62
LDHAP2	ENSG00000235674.2	0,06	0,565	-0,562	3E-49
RP11-499E18.1	ENSG00000248161.5	0,48	1,185	-0,562	1,43E-34
RP11-74E22.3	ENSG00000262050.1	0,48	1,185	-0,562	2,76E-27
AC004980.7	ENSG00000205485.13	1,92	3,31	-0,562	4,62E-15
MDN1	ENSG00000112159.11	10,095	15,385	-0,562	7,11E-14
KIAA0226L	ENSG00000102445.18	0,805	1,665	-0,562	2,29E-13
EHMT1	ENSG00000181090.17	23,595	35,304	-0,562	6,45E-07
BCL6B	ENSG00000161940.10	1,99	3,415	-0,562	9,37E-07
PLTP	ENSG00000100979.14	28,354	42,349	-0,562	6,21E-06
MTND1P23	ENSG00000225972.1	6,94	10,725	-0,562	0,00256
CYP4X1	ENSG00000186377.7	4,99	7,84	-0,562	0,00769
RP11-29116.2	ENSG00000275611.1	0	0,475	-0,561	5,78E-42
OBSL1	ENSG00000124006.14	57,781	85,73	-0,561	5,1E-18
RP11-23N2.4	ENSG00000260618.1	0,44	1,125	-0,561	2,18E-17
GPLD1	ENSG00000112293.14	0,6	1,36	-0,561	4,94E-16
MIR1-1HG	ENSG00000174407.11	0,02	0,505	-0,561	5,5E-14
RNF180	ENSG00000164197.11	2,47	4,12	-0,561	1,3E-10
LIPF	ENSG00000182333.14	0	0,475	-0,561	1,11E-09
STK38L	ENSG00000211455.7	9,14	13,96	-0,561	6,23E-07
SAA1	ENSG00000173432.10	5,36	8,385	-0,561	0,00558
PTGES3P2	ENSG00000217643.1	0,15	0,695	-0,56	5,44E-43
IL18RAP	ENSG00000115607.9	0,15	0,695	-0,56	6,37E-39
IKBKG	ENSG00000269335.5	13,415	20,245	-0,56	1,38E-28
PSIP1	ENSG00000164985.14	20,594	30,83	-0,56	9,57E-16
CHIC1	ENSG00000204116.11	2,66	4,395	-0,56	2,41E-14
LRAT	ENSG00000121207.11	0,34	0,975	-0,56	1,27E-10
CEMIP	ENSG00000103888.15	0,835	1,705	-0,56	5,05E-06
RP11-972P1.11	ENSG00000278112.1	0,33	0,96	-0,559	1,52E-29
EGLN2	ENSG00000269858.5	48,02	71,196	-0,559	1,32E-23
CYP21A1P	ENSG00000204338.8	0,32	0,945	-0,559	4,13E-22
RP11-367G18.1	ENSG00000230943.1	0,565	1,305	-0,559	4,19E-12
SLMAP	ENSG00000163681.14	27,96	41,679	-0,559	2,32E-08

HIST2H2BF	ENSG00000203814.6	6,8	10,49	-0,559	1,41E-07
RP11-713P17.3	ENSG00000204241.7	0,355	0,995	-0,558	2,23E-43
RPS15AP38	ENSG00000237668.1	0,11	0,634	-0,558	1,35E-40
C5orf58	ENSG00000234511.8	0,09	0,605	-0,558	3,73E-39
CYP21A2	ENSG00000231852.6	0,505	1,215	-0,558	1,19E-27
RP11-461A8.4	ENSG00000263235.1	0,46	1,15	-0,558	2,93E-22
DDIT4L	ENSG00000145358.6	0,61	1,37	-0,558	4,97E-09
VPS8	ENSG00000156931.15	10,375	15,745	-0,558	6,1E-09
NR3C1	ENSG00000113580.14	7,765	11,9	-0,558	3,32E-07
SYCP2	ENSG00000196074.12	1,49	2,665	-0,558	1,87E-06
ASPRV1	ENSG00000244617.2	0,76	1,59	-0,557	1,95E-48
CTD-2600H12.2	ENSG00000280067.1	0,23	0,81	-0,557	8,13E-28
PML	ENSG00000140464.19	25,874	38,53	-0,557	4,94E-20
RP11-927P21.1	ENSG00000265218.1	0,54	1,265	-0,557	9,43E-17
USP12	ENSG00000152484.13	7,44	11,42	-0,557	1,72E-15
HS3ST3B1	ENSG00000125430.8	0,89	1,78	-0,557	1,78E-14
EIF2B5	ENSG00000145191.11	46,89	69,451	-0,557	3,39E-14
CRHR1-IT1	ENSG00000204650.13	12,865	19,405	-0,557	7,32E-11
MSANTD4	ENSG00000170903.10	4,24	6,71	-0,557	2,76E-08
PTPRS	ENSG00000105426.14	26,841	39,965	-0,557	0,0000289
HILS1	ENSG00000188662.6	0,02	0,5	-0,556	4,2E-49
RP11-188C12.2	ENSG00000255585.3	0,17	0,72	-0,556	8,73E-38
RP11-298I3.1	ENSG00000257285.5	0,34	0,97	-0,556	3,13E-33
PRM2	ENSG00000122304.10	0	0,47	-0,556	1,54E-31
AC132008.1	ENSG00000213519.2	0	0,47	-0,556	3,68E-24
ASGR1	ENSG00000141505.11	0,595	1,345	-0,556	1,54E-22
RP11-679B19.2	ENSG00000261722.1	0	0,47	-0,556	5,66E-20
FILIP1	ENSG00000118407.14	0,53	1,25	-0,556	3,48E-17
CARD8	ENSG00000105483.16	10,38	15,729	-0,556	1,96E-13
PHLPP2	ENSG00000040199.18	1,5	2,675	-0,556	4,2E-09
SOS1	ENSG00000115904.12	7,63	11,69	-0,556	0,0000115
ZNF503-AS1	ENSG00000226051.6	1,04	2	-0,556	0,0000413
FBXO27	ENSG00000161243.8	3,78	6,03	-0,556	0,0000553
BCL9L	ENSG00000186174.12	14,645	21,995	-0,556	0,00786
RP1-137D17.2	ENSG00000272848.1	0,3	0,91	-0,555	1,67E-41
RP3-395C13.1	ENSG00000218631.1	0,15	0,69	-0,555	1,32E-40
RP3-468K18.6	ENSG00000270890.1	0,31	0,925	-0,555	1,08E-28
RP11-1084A12.1	ENSG00000243094.1	0,14	0,675	-0,555	3,05E-28
CROCCP2	ENSG00000215908.7	1,11	2,1	-0,555	2,06E-18
CDH6	ENSG00000113361.12	0,47	1,16	-0,555	4,86E-16
ANGPTL7	ENSG00000171819.4	0,835	1,695	-0,555	3,55E-07
PIGCP1	ENSG00000213713.3	1,75	3,04	-0,555	2,59E-06
RP11-717F1.2	ENSG00000274333.4	6,025	9,324	-0,555	0,0123
AC144831.1	ENSG00000261888.1	0,26	0,85	-0,554	2,49E-40
CTD-2319I12.4	ENSG00000267248.1	1,2	2,23	-0,554	3,68E-29
PAQR7	ENSG00000182749.5	5,02	7,84	-0,554	6,57E-23

GAS8	ENSG00000141013.14	10,93	16,515	-0,554	1,76E-21
VPS16	ENSG00000215305.9	23,705	35,262	-0,554	4,85E-21
RIIAD1	ENSG00000178796.12	0,27	0,865	-0,554	8,76E-15
CLEC16A	ENSG00000038532.14	7,3	11,185	-0,554	2,98E-14
GJA5	ENSG00000265107.2	2,095	3,545	-0,554	1,93E-06
RPS3AP34	ENSG00000242607.1	0,05	0,54	-0,553	7,17E-51
CTD-2012K14.5	ENSG00000280214.1	0,08	0,585	-0,553	4,75E-48
PAPPA	ENSG00000182752.9	0,22	0,79	-0,553	1,03E-45
RP11-392E22.9	ENSG00000273170.5	0,39	1,04	-0,553	1,92E-25
CTD-2035E11.5	ENSG00000272144.1	0,69	1,48	-0,553	1,09E-21
FOXJ2	ENSG00000065970.8	6,79	10,425	-0,553	4,14E-13
CMTM3	ENSG00000140931.19	13,96	20,949	-0,553	3,93E-12
KCNG1	ENSG00000026559.13	4,135	6,535	-0,553	1,04E-10
DVL3	ENSG00000161202.17	29,62	43,92	-0,553	1,99E-10
ENPEP	ENSG00000138792.9	0,82	1,67	-0,553	3,26E-10
PCNT	ENSG00000160299.16	7,695	11,755	-0,553	1,06E-09
RP11-419I17.1	ENSG00000270154.1	0,2	0,76	-0,552	4,8E-49
PPP2R2B	ENSG00000156475.18	0,535	1,25	-0,552	1,51E-32
MIAT	ENSG00000225783.6	0,17	0,715	-0,552	1,65E-22
LRRC49	ENSG00000137821.11	5,265	8,185	-0,552	1,24E-19
AGAP2	ENSG00000135439.11	0,62	1,375	-0,552	1,24E-14
BNIP2	ENSG00000140299.11	19,09	28,455	-0,552	9,59E-14
GSAP	ENSG00000186088.15	8,51	12,945	-0,552	1,06E-08
ZNF431	ENSG00000196705.8	4,425	6,955	-0,552	2,52E-08
SLC45A1	ENSG00000162426.14	2,95	4,79	-0,552	1,69E-07
CCL28	ENSG00000151882.11	2,12	3,575	-0,552	6,86E-07
PNMAL1	ENSG00000182013.17	2,305	3,845	-0,552	7,95E-07
DSC3	ENSG00000134762.16	2,11	3,56	-0,552	0,0294
MYCBPAP	ENSG00000136449.13	0,3	0,905	-0,551	1,19E-34
GPR20	ENSG00000204882.3	0,16	0,7	-0,551	4,25E-31
SOX5	ENSG00000134532.15	0,42	1,08	-0,551	3,99E-29
RP11-498E2.9	ENSG00000269970.1	0	0,465	-0,551	7,12E-24
TRMT2A	ENSG00000099899.14	43,729	64,554	-0,551	1,87E-11
RP11-96C23.13	ENSG00000151303.11	0,1	0,61	-0,55	5,6E-53
CUZD1	ENSG00000138161.12	0,27	0,86	-0,55	2,24E-44
TAS2R6P	ENSG00000270923.1	0,13	0,655	-0,55	1,02E-35
TMEM81	ENSG00000174529.7	1,39	2,5	-0,55	5,9E-29
ERCC5	ENSG00000134899.17	27,614	40,9	-0,55	2,21E-25
RP11-134L10.1	ENSG00000272941.1	0,53	1,24	-0,55	4,07E-20
XXbac-B562F10.11	ENSG00000215493.3	0,39	1,035	-0,55	3,82E-18
GEN1	ENSG00000178295.14	1,24	2,28	-0,55	4,82E-17
RP11-325K4.2	ENSG00000261114.1	1,955	3,325	-0,55	0,0000938
EIF4HP2	ENSG00000237977.1	0,61	1,355	-0,549	1,28E-24
ASB16	ENSG00000161664.6	0,64	1,4	-0,549	4,58E-18
HMBOX1	ENSG00000147421.17	8,73	13,24	-0,549	8,56E-15
PRPF38B	ENSG00000134186.11	18,645	27,745	-0,549	1,46E-11

CEP170B	ENSG00000099814.15	13,26	19,86	-0,549	7,2E-11
MAPK4	ENSG00000141639.11	2,465	4,07	-0,549	1,58E-08
RNASE4	ENSG00000258818.3	44,735	65,903	-0,549	0,0000163
COL6A4P2	ENSG00000228252.8	0,07	0,565	-0,548	9,64E-44
MROH8	ENSG00000101353.14	1,53	2,7	-0,548	8,4E-33
ZNF684	ENSG00000117010.15	1,335	2,415	-0,548	3,12E-21
PANK4	ENSG00000157881.13	11,525	17,315	-0,548	6,47E-19
SRSF2	ENSG00000161547.14	94,444	138,562	-0,548	1,93E-17
NOM1	ENSG00000146909.7	4,8	7,48	-0,548	1,72E-11
CTD-2008P7.9	ENSG00000267259.1	0,83	1,675	-0,548	1,85E-10
ARNT	ENSG00000143437.20	11,67	17,525	-0,548	6,69E-07
GIMAP6	ENSG00000133561.15	3,61	5,74	-0,548	0,0111
RP1-199J3.7	ENSG00000272017.1	0,16	0,695	-0,547	1,18E-44
AC011239.2	ENSG00000279526.1	0,27	0,855	-0,547	1,99E-29
RP11-378J18.8	ENSG00000272750.1	0,41	1,06	-0,547	3,66E-28
PTOV1-AS1	ENSG00000268006.1	4,91	7,635	-0,547	1,71E-23
LAMA5-AS1	ENSG00000228812.7	0,17	0,71	-0,547	8,82E-19
CD274	ENSG00000120217.13	0,605	1,345	-0,547	7,93E-18
RP1-137D17.1	ENSG00000226194.5	0,3	0,9	-0,547	3,68E-16
SMPD4	ENSG00000136699.19	31,59	46,6	-0,547	2,33E-11
KLF7	ENSG00000118263.14	3,325	5,32	-0,547	3,69E-08
RP11-946P6.6	ENSG00000277595.1	0,13	0,65	-0,546	1,98E-41
CTB-60B18.12	ENSG00000268108.1	0	0,46	-0,546	1,17E-39
MYBL1	ENSG00000185697.16	0,62	1,365	-0,546	5,74E-34
RP4-669P10.20	ENSG00000281538.1	0,74	1,54	-0,546	3,11E-28
AC016995.3	ENSG00000231367.5	0,74	1,54	-0,546	4,94E-27
AC073343.13	ENSG00000228010.5	0,36	0,985	-0,546	2,11E-23
KY	ENSG00000174611.11	0,13	0,65	-0,546	3,99E-22
IL34	ENSG00000157368.10	2,97	4,794	-0,546	2,65E-20
SPATA1	ENSG00000122432.16	0,89	1,76	-0,546	1,15E-18
FKRP	ENSG00000181027.10	9,445	14,25	-0,546	4,92E-14
THEMIS2	ENSG00000130775.15	3,82	6,04	-0,546	1,37E-07
CBX6	ENSG00000183741.11	14,98	22,325	-0,546	6,87E-07
ATP8B3	ENSG00000130270.16	0,23	0,795	-0,545	1,23E-44
NASP	ENSG00000132780.16	50,956	74,79	-0,545	5,83E-39
ADAM11	ENSG00000073670.13	0,57	1,29	-0,545	2,17E-37
ZGPAT	ENSG00000197114.11	16,22	24,125	-0,545	9,63E-30
CTD-2010I16.1	ENSG00000254595.1	0,7	1,48	-0,545	3,9E-29
MKL1	ENSG00000196588.14	13,335	19,91	-0,545	1,56E-20
CMB9-22P13.1	ENSG00000173727.11	1,3	2,355	-0,545	1,58E-19
HMGB1P3	ENSG00000250011.1	0,21	0,765	-0,545	2,25E-17
TBC1D8	ENSG00000204634.12	25,07	37,03	-0,545	1,77E-10
CLCN7	ENSG00000103249.17	36,125	53,18	-0,545	6,33E-06
VENTX	ENSG00000151650.7	0,18	0,72	-0,544	1,01E-46
RARA-AS1	ENSG00000265666.1	2,43	4	-0,544	1,04E-32
C8orf44	ENSG00000213865.7	3,39	5,4	-0,544	8,02E-31

TIMM44	ENSG00000104980.7	30,475	44,905	-0,544	3,78E-26
TP73-AS1	ENSG00000227372.10	12,31	18,409	-0,544	4,4E-20
SLC6A9	ENSG00000196517.11	2,22	3,695	-0,544	2,04E-13
SETX	ENSG00000107290.13	16,085	23,915	-0,544	8,72E-11
HRCT1	ENSG00000196196.2	1,96	3,315	-0,544	4,89E-10
CSRNP2	ENSG00000110925.6	7,875	11,94	-0,544	1,54E-08
ZNF780B	ENSG00000128000.15	3,555	5,64	-0,544	9,03E-08
KCTD10	ENSG00000110906.12	21,66	32,029	-0,544	1,33E-07
TTC39C	ENSG00000168234.12	10,02	15,069	-0,544	4,09E-07
TPRXL	ENSG00000180438.14	0,15	0,675	-0,543	1,55E-33
EVX2	ENSG00000174279.4	0,095	0,595	-0,543	1,3E-30
BACH2	ENSG00000112182.14	0,4	1,04	-0,543	2,13E-28
RP11-359E10.1	ENSG00000270607.1	0,41	1,055	-0,543	1,92E-25
RP11-973D8.5	ENSG00000273973.1	0,39	1,025	-0,543	3,58E-23
SLC16A7	ENSG00000118596.11	0,345	0,96	-0,543	1,69E-21
WFIKKN1	ENSG00000127578.6	0,4	1,04	-0,543	7,83E-19
PPP3CC	ENSG00000120910.14	9,01	13,585	-0,543	1,34E-15
C17orf85	ENSG00000074356.16	13,885	20,695	-0,543	1,43E-15
MEDAG	ENSG00000102802.9	0,65	1,405	-0,543	8,53E-14
CTD-2371O3.3	ENSG00000268403.2	1,42	2,525	-0,543	5,13E-13
DOK1	ENSG00000115325.13	4,205	6,585	-0,543	1,04E-12
PHF21A	ENSG00000135365.15	14,145	21,065	-0,543	6,25E-12
PCDH12	ENSG00000113555.5	0,85	1,695	-0,543	1,32E-10
PPP1R9B	ENSG00000108819.10	15,515	23,065	-0,543	4,38E-10
SLC2A6	ENSG00000160326.13	0,87	1,725	-0,543	4,22E-09
U2SURP	ENSG00000163714.17	23,65	34,91	-0,543	6,51E-08
USP32P2	ENSG00000233327.10	0,52	1,215	-0,543	6,7E-08
RP11-568K15.1	ENSG00000242193.9	6,14	9,4	-0,543	9,18E-08
HBEGF	ENSG00000113070.7	6,79	10,35	-0,543	0,000326
CACNA1C-AS1	ENSG00000246627.6	0,13	0,645	-0,542	2,8E-43
RP11-573M3.3	ENSG00000255445.1	0,085	0,58	-0,542	3,81E-39
MCF2	ENSG00000101977.19	0,13	0,645	-0,542	4,39E-39
AC016722.4	ENSG00000228925.1	0,14	0,66	-0,542	2,41E-38
LINC00921	ENSG00000281005.1	0,7	1,475	-0,542	1,02E-33
NR1H3	ENSG00000025434.18	20,005	29,58	-0,542	4,51E-26
RP11-358L22.3	ENSG00000276007.1	1,535	2,69	-0,542	2,11E-17
TRPV1	ENSG00000262304.1	1,97	3,325	-0,542	5,04E-15
FAM127C	ENSG00000212747.4	11,165	16,715	-0,542	2,26E-11
PLOD2	ENSG00000152952.11	6,735	10,26	-0,542	0,00103
GOLGA8Q	ENSG00000178115.11	0,1	0,6	-0,541	6,55E-37
CTA-223H9.9	ENSG00000273424.1	0,275	0,855	-0,541	3,93E-30
CHD5	ENSG00000116254.17	0,23	0,79	-0,541	6,72E-28
TP53I13	ENSG00000167543.15	26,585	39,144	-0,541	3,18E-25
GPATCH1	ENSG00000076650.6	4,76	7,38	-0,541	2,51E-21
RP11-732A19.8	ENSG00000254400.1	0	0,455	-0,541	1,84E-17
AP5Z1	ENSG00000242802.6	18,265	27,03	-0,541	8,06E-15

KIAA0430	ENSG00000166783.19	16,245	24,09	-0,541	1,67E-14
ETV6	ENSG00000139083.10	7,16	10,875	-0,541	8,51E-13
AC068831.15	ENSG00000259661.1	7,49	11,355	-0,541	1,61E-08
LRCOL1	ENSG00000204583.9	0,08	0,57	-0,54	1,07E-50
SLC13A4	ENSG00000164707.15	0,135	0,65	-0,54	6,83E-42
CD99P1	ENSG00000223773.6	4,775	7,395	-0,54	3,04E-16
AC144831.3	ENSG00000274370.1	0,63	1,37	-0,54	9,14E-15
SBDSP1	ENSG00000225648.5	17,45	25,824	-0,54	4,39E-12
RNASEL	ENSG00000135828.11	3,415	5,42	-0,54	9,34E-12
TMPRSS4	ENSG00000137648.16	1,005	1,915	-0,54	2,18E-11
RP11-305K5.1	ENSG00000272990.1	4,97	7,68	-0,54	5,57E-10
FRRS1L	ENSG00000260230.2	0,565	1,275	-0,54	5,6E-10
ITGB7	ENSG00000139626.15	1,235	2,25	-0,54	6,17E-10
KLHL2	ENSG00000109466.13	6,06	9,265	-0,54	3,97E-08
MTUS1	ENSG00000129422.13	24,415	35,961	-0,54	4,19E-08
WI2-1896O14.1	ENSG00000215861.5	0,73	1,515	-0,54	1,21E-07
ZC3HAV1L	ENSG00000146858.7	0,73	1,515	-0,54	9,98E-07
ZFP36	ENSG00000128016.5	183,367	267,148	-0,54	0,00511
RP11-503P10.1	ENSG00000272056.1	0,29	0,875	-0,539	1,05E-31
ZNF81	ENSG00000197779.13	1,065	2	-0,539	6,31E-25
DUOXA2	ENSG00000140274.13	0,07	0,555	-0,539	2,79E-21
LRRC37A	ENSG00000176681.14	0,9	1,76	-0,539	6,2E-13
RCAN1	ENSG00000159200.17	10,875	16,255	-0,539	6,09E-11
BIN1	ENSG00000136717.14	37,876	55,479	-0,539	1,7E-10
NCOR2	ENSG00000196498.13	58,235	85,094	-0,539	0,0000043
EFNB3	ENSG00000108947.4	1,305	2,35	-0,539	0,000268
RP11-276H19.1	ENSG00000226237.1	0,14	0,655	-0,538	4,06E-53
PAIP1P1	ENSG00000233892.1	0,15	0,67	-0,538	2,45E-38
CTD-2278I10.4	ENSG00000269815.1	0,15	0,67	-0,538	3,27E-38
RP11-732A21.3	ENSG00000277459.1	0,56	1,265	-0,538	9,67E-33
RP11-379B18.1	ENSG00000239804.1	0,205	0,75	-0,538	1,82E-26
ESR2	ENSG00000140009.18	0,24	0,8	-0,538	2,96E-26
OVOS2	ENSG00000177359.17	0,25	0,815	-0,538	4,24E-20
FAM192A	ENSG00000172775.16	45,474	66,463	-0,538	1,34E-16
RPL23AP49	ENSG00000243422.1	0,525	1,215	-0,538	6,91E-15
RP11-325K4.3	ENSG00000261270.1	0,88	1,73	-0,538	0,0000146
MT2A	ENSG00000125148.6	242,753	352,981	-0,538	0,000078
TRIM2	ENSG00000109654.14	9,285	13,93	-0,538	0,000264
IL13RA2	ENSG00000123496.7	1,09	2,035	-0,538	0,000773
MS4A14	ENSG00000166928.10	0,22	0,77	-0,537	4,34E-36
NDUF4F4P3	ENSG00000236411.1	0,43	1,075	-0,537	9,9E-26
GFAP	ENSG00000131095.11	0,13	0,64	-0,537	3,9E-12
DIDO1	ENSG00000101191.16	21,895	32,21	-0,537	3,83E-11
TTC39B	ENSG00000155158.20	1,295	2,33	-0,537	6,82E-11
RP11-477I4.4	ENSG00000279140.1	2,005	3,36	-0,537	5,62E-10
RP11-286N22.16	ENSG00000279878.1	0,75	1,54	-0,537	2,33E-09

CCP110	ENSG00000103540.16	5,16	7,94	-0,537	2,65E-09
CLDND1	ENSG00000080822.16	35,545	52,01	-0,537	2,69E-09
ANKRA2	ENSG00000164331.9	16,165	23,91	-0,537	8,93E-08
C4orf19	ENSG00000154274.14	0,885	1,735	-0,537	0,000203
RP11-561B11.2	ENSG00000258790.1	0,265	0,835	-0,536	1,27E-29
RP11-57H14.2	ENSG00000233547.1	0,4	1,03	-0,536	4,56E-27
RPL5P30	ENSG00000243431.1	0,61	1,335	-0,536	1,55E-13
RP11-552M11.4	ENSG00000243960.1	1,355	2,415	-0,536	6,72E-08
VTCN1	ENSG00000134258.16	0,835	1,66	-0,536	6,74E-08
CPSF7	ENSG00000149532.15	36,365	53,193	-0,536	4,05E-07
ANKHD1	ENSG00000131503.20	34,385	50,289	-0,536	0,0000109
CTD-2583A14.11	ENSG00000270804.1	7,67	11,574	-0,536	0,000153
RP11-401P9.5	ENSG00000260249.2	0,07	0,55	-0,535	7,26E-54
AC019172.2	ENSG00000227363.1	0,07	0,55	-0,535	3,53E-40
CTA-963H5.5	ENSG00000250318.1	1,25	2,26	-0,535	5,78E-34
PIWIL2	ENSG00000197181.11	0,18	0,71	-0,535	6,04E-32
ZNF215	ENSG00000149054.14	0,38	1	-0,535	7,41E-20
DFFB	ENSG00000169598.15	2,95	4,725	-0,535	1,61E-16
MAPK14	ENSG00000112062.10	12,62	18,74	-0,535	1,16E-13
APBB2	ENSG00000163697.16	5,86	8,94	-0,535	5,6E-09
HYPK	ENSG00000242028.5	5,865	8,945	-0,535	0,0000944
YTHDC2	ENSG00000047188.15	6,855	10,385	-0,535	0,000281
RP11-497H16.5	ENSG00000196302.5	1,305	2,34	-0,535	0,023
RP11-426C22.5	ENSG00000260517.2	0,26	0,825	-0,534	2E-43
AC092301.3	ENSG00000269148.1	0,16	0,68	-0,534	3,84E-34
RXRG	ENSG00000143171.12	0,16	0,68	-0,534	5,3E-29
AC009950.2	ENSG00000225963.7	0,45	1,1	-0,534	1,98E-23
RNASEK-C17orf49	ENSG00000161939.18	1,61	2,78	-0,534	7,22E-19
RP11-1020A11.1	ENSG00000269894.1	0,595	1,31	-0,534	8,87E-17
CNEP1R1	ENSG00000205423.11	5,235	8,03	-0,534	4,24E-14
ZSCAN9	ENSG00000137185.11	8,525	12,794	-0,534	2,77E-13
VIPR1-AS1	ENSG00000232354.7	0,94	1,81	-0,534	1,17E-07
H6PD	ENSG00000049239.12	12,74	18,89	-0,534	7,24E-06
RP11-370I10.12	ENSG00000269514.1	0,03	0,49	-0,533	7,56E-54
AC068831.6	ENSG00000258384.1	0,12	0,62	-0,533	4,21E-49
RP11-407G23.7	ENSG00000276663.1	0,14	0,65	-0,533	1,45E-45
KRT8P50	ENSG00000260799.1	0,04	0,505	-0,533	1,69E-43
RP11-686D22.3	ENSG00000267648.1	0,22	0,765	-0,533	2,44E-31
AC079922.3	ENSG00000237753.1	0,455	1,105	-0,533	4,52E-31
EMC3-AS1	ENSG00000180385.8	0,71	1,475	-0,533	1,58E-23
GLI4	ENSG00000250571.6	13,76	20,355	-0,533	1,02E-20
RSAD1	ENSG00000136444.9	21,951	32,215	-0,533	3,11E-11
NEMF	ENSG00000165525.17	19,175	28,185	-0,533	0,0000023
PREX1	ENSG00000124126.13	5,315	8,139	-0,533	0,0000408
RP11-1191J2.2	ENSG00000242686.4	0,02	0,475	-0,532	8,11E-49
RP11-705C15.2	ENSG00000256594.7	2,365	3,865	-0,532	1,14E-15

TCAF2	ENSG00000170379.19	1,085	2,015	-0,532	1,16E-12
SUSD3	ENSG00000157303.10	1,275	2,29	-0,532	3,64E-11
ANKRD13A	ENSG00000076513.16	15,685	23,129	-0,532	6,8E-11
VMP1	ENSG00000062716.10	93,561	135,687	-0,532	9,9E-09
PIK3C2B	ENSG00000133056.13	4,135	6,425	-0,532	1,9E-07
HP1BP3	ENSG00000127483.17	62,324	90,575	-0,532	9,14E-07
RP11-404P21.9	ENSG00000258788.3	0	0,445	-0,531	5E-24
AC002398.13	ENSG00000267049.1	0,685	1,435	-0,531	1,64E-20
HHIPL1	ENSG00000182218.9	0,74	1,515	-0,531	7,69E-19
SAMD12	ENSG00000177570.13	0,91	1,76	-0,531	6,14E-18
RP11-835E18.4	ENSG00000265188.1	0,17	0,69	-0,531	4,07E-16
SP140	ENSG00000079263.18	0,74	1,515	-0,531	2,54E-11
EPHA1	ENSG00000146904.8	6,365	9,645	-0,531	3,2E-09
DRD2	ENSG00000149295.13	0,16	0,675	-0,53	2,62E-36
RP11-324O2.3	ENSG00000232934.7	0,745	1,52	-0,53	1,37E-28
ANKMY1	ENSG00000144504.15	6,185	9,375	-0,53	1,19E-20
CTA-276F8.1	ENSG00000276564.1	0,51	1,18	-0,53	1,56E-20
IGIP	ENSG00000182700.4	6,65	10,045	-0,53	2,79E-17
ZNF280D	ENSG00000137871.19	14,105	20,803	-0,53	6,32E-14
DNAJC18	ENSG00000170464.9	3,53	5,54	-0,53	1,09E-13
NXPE3	ENSG00000144815.14	3,065	4,87	-0,53	8,01E-11
KIAA0195	ENSG00000177728.14	35,105	51,134	-0,53	2,47E-08
MAPK12	ENSG00000188130.13	11,13	16,52	-0,53	0,000579
RP4-806M20.4	ENSG00000268649.3	0,06	0,53	-0,529	2,75E-54
PLEKHG1	ENSG00000120278.14	0,93	1,785	-0,529	3,03E-14
ZNF7	ENSG00000147789.15	14,14	20,845	-0,529	4,28E-11
MDGA1	ENSG00000112139.14	1,36	2,405	-0,529	8,21E-07
ZNF750	ENSG00000141579.6	2,265	3,71	-0,529	0,000021
NCMAP	ENSG00000184454.6	0,57	1,265	-0,529	0,0000315
RP13-890H12.2	ENSG00000267288.2	0,12	0,615	-0,528	2,19E-62
RP11-78O7.2	ENSG00000270091.1	1,34	2,375	-0,528	1,02E-23
ST6GALNAC3	ENSG00000184005.10	0,415	1,04	-0,528	4,4E-23
POLR3GL	ENSG00000121851.12	22,61	33,055	-0,528	7,55E-20
RP11-490K7.4	ENSG00000229447.2	0,29	0,86	-0,528	4,26E-17
CTD-3214H19.6	ENSG00000268204.1	0,81	1,61	-0,528	2,51E-16
NFE2L2	ENSG00000116044.15	42,155	61,216	-0,528	2,86E-13
GPR75-ASB3	ENSG00000115239.21	7,78	11,66	-0,528	1,21E-09
AKR1E2	ENSG00000165568.17	0,82	1,625	-0,528	5,31E-09
RP11-504P24.3	ENSG00000185495.10	7,615	11,424	-0,528	3,03E-06
USP44	ENSG00000136014.11	0,19	0,715	-0,527	2,32E-56
RP11-522B15.3	ENSG00000259275.2	0,28	0,845	-0,527	1,06E-41
RP11-160E2.19	ENSG00000263394.1	0,11	0,6	-0,527	1,12E-39
LETM2	ENSG00000165046.12	0,7	1,45	-0,527	4,38E-30
ADAMTS12	ENSG00000151388.10	0,385	0,995	-0,527	1,23E-21
RP11-420L9.5	ENSG00000270504.1	1,3	2,315	-0,527	4,12E-19
RP11-1105G2.3	ENSG00000258365.1	0,485	1,14	-0,527	2,14E-18

SNX32	ENSG00000172803.17	0,35	0,945	-0,527	4,09E-16
RP11-700J17.2	ENSG00000272936.1	0,235	0,78	-0,527	2,79E-15
CASC3	ENSG00000108349.14	37,374	54,292	-0,527	9,93E-15
CTD-3025N20.3	ENSG00000272010.1	1,655	2,825	-0,527	1,92E-14
TAF6L	ENSG00000162227.7	12,915	19,055	-0,527	3,1E-11
DCBLD2	ENSG00000057019.15	5,55	8,435	-0,527	7,22E-06
TNRC6C	ENSG00000078687.16	4,105	6,355	-0,527	0,0000171
YAP1	ENSG00000137693.13	26,154	38,125	-0,527	0,0000373
SLC7A7	ENSG00000155465.18	2,495	4,035	-0,527	0,0000751
ADAM20P1	ENSG00000259158.2	0,08	0,555	-0,526	2,71E-54
RN7SKP23	ENSG00000280039.1	0,09	0,57	-0,526	3,89E-53
C1orf123	ENSG00000162384.13	44,941	65,154	-0,526	2,85E-37
RP11-90B9.3	ENSG00000273747.1	0,24	0,785	-0,526	4,96E-27
DRP2	ENSG00000102385.12	0,365	0,965	-0,526	1,11E-25
INCA1	ENSG00000196388.8	1,57	2,7	-0,526	1,56E-24
GS1-293C5.1	ENSG00000273138.1	0	0,44	-0,526	2,06E-20
USP49	ENSG00000164663.13	1,08	1,995	-0,526	9E-17
RP11-468N14.13	ENSG00000272626.1	0,125	0,62	-0,526	8,69E-16
FAM76A	ENSG00000009780.15	4,55	6,99	-0,526	6,92E-14
SLC8B1	ENSG00000089060.11	16,245	23,833	-0,526	1,53E-12
INMT-FAM188B	ENSG00000254959.6	0,34	0,93	-0,526	7,58E-11
CTB-31O20.2	ENSG00000261526.2	5,845	8,86	-0,526	3,72E-10
AC138649.1	ENSG00000277867.1	0	0,44	-0,526	2,65E-07
SRSF10	ENSG00000188529.14	42,816	62,074	-0,526	1,15E-06
BAZ2B	ENSG00000123636.17	8,69	12,955	-0,526	0,0000782
MAMDC2-AS1	ENSG00000204706.14	0,14	0,64	-0,525	2,87E-61
RASSF1	ENSG00000068028.17	19,32	28,23	-0,525	5,59E-27
RP11-798G7.8	ENSG00000266918.1	0,275	0,835	-0,525	2,01E-22
LINC00900	ENSG00000246100.3	0,55	1,23	-0,525	8,97E-21
DGAT1	ENSG00000185000.9	27,065	39,381	-0,525	4,67E-14
PASK	ENSG00000115687.13	8,33	12,424	-0,525	6,61E-06
MEIS3	ENSG00000105419.17	12,03	17,745	-0,525	0,00022
MRPS31	ENSG00000102738.7	10,86	16,05	-0,524	1,22E-29
SYTL3	ENSG00000164674.15	3,785	5,88	-0,524	6,12E-19
SLC22A15	ENSG00000163393.12	0,86	1,675	-0,524	8,03E-11
RP11-345P4.6	ENSG00000269227.1	0,38	0,985	-0,524	9,61E-09
IFI27	ENSG00000165949.12	47,71	69,024	-0,524	2,24E-06
MYOZ2	ENSG00000172399.5	0,04	0,495	-0,524	0,000157
CCL2	ENSG00000108691.9	39,604	57,37	-0,524	0,00137
BDKRB1	ENSG00000100739.10	0,19	0,71	-0,523	5,58E-34
RP11-138H8.8	ENSG00000274297.1	0,19	0,71	-0,523	5,14E-28
RP11-1069G10.1	ENSG00000259370.2	0,155	0,66	-0,523	1,88E-21
UPF3B	ENSG00000125351.10	6,555	9,855	-0,523	2,72E-21
KLHDC8B	ENSG00000185909.14	21,385	31,175	-0,523	2,11E-19
SEMA3B-AS1	ENSG00000232352.1	0,775	1,55	-0,523	3,33E-18
TBX5-AS1	ENSG00000255399.3	0,19	0,71	-0,523	1,01E-16

RP11-972P1.10	ENSG00000274427.1	0,42	1,04	-0,523	1,53E-15
ZNF774	ENSG00000196391.10	1,29	2,29	-0,523	1,56E-14
HNRNPH3	ENSG00000096746.17	71,903	103,744	-0,523	2,75E-13
RP5-1042K10.14	ENSG00000279624.3	0,625	1,335	-0,523	1,97E-12
ZMYM6	ENSG00000163867.16	5,39	8,185	-0,523	1,55E-10
SLC15A3	ENSG00000110446.9	15,755	23,084	-0,523	2,46E-07
FUBP1	ENSG00000162613.16	51,049	73,789	-0,523	5,25E-07
THBD	ENSG00000178726.6	4,06	6,27	-0,523	0,00016
SLC15A1	ENSG00000088386.15	0,43	1,055	-0,523	0,0045
ATG2B	ENSG00000066739.11	5,46	8,285	-0,523	0,0486
RP11-569G13.3	ENSG00000275465.4	0,02	0,465	-0,522	6,39E-38
RP11-463O12.5	ENSG00000280138.1	0,18	0,695	-0,522	3,78E-34
CYP2B7P	ENSG00000256612.7	0,24	0,78	-0,522	6,43E-31
RP11-304F15.3	ENSG00000204584.1	0,25	0,795	-0,522	1,04E-28
RP11-110I1.11	ENSG00000254428.1	0,25	0,795	-0,522	6,85E-25
AQP7	ENSG00000165269.12	0,32	0,895	-0,522	5,51E-22
NRK	ENSG00000123572.16	0,32	0,895	-0,522	2,91E-21
IFT122	ENSG00000163913.11	10,465	15,465	-0,522	9,28E-19
RP11-182J1.3	ENSG00000276278.1	2,59	4,155	-0,522	1,28E-17
SH2B2	ENSG00000160999.10	1,88	3,135	-0,522	7,06E-13
GAK	ENSG00000178950.16	55,075	79,53	-0,522	3,88E-12
ZNF579	ENSG00000218891.4	7,005	10,495	-0,522	1,02E-11
RP11-863K10.4	ENSG00000233170.4	0,41	1,025	-0,522	1,24E-11
GDI1	ENSG00000203879.11	85,927	123,785	-0,522	2,81E-09
C4orf29	ENSG00000164074.14	3,125	4,925	-0,522	1,04E-06
CDH12P1	ENSG00000254335.1	1,595	2,728	-0,522	1,78E-06
CDH12P3	ENSG00000253492.1	1,595	2,728	-0,522	1,78E-06
CSRNP1	ENSG00000144655.14	20,105	29,31	-0,522	0,000923
RP4-647C14.2	ENSG00000258376.2	0,23	0,765	-0,521	2,6E-41
LINCR-0001	ENSG00000253641.5	0,08	0,55	-0,521	1,97E-33
BEAN1-AS1	ENSG00000261656.5	0,23	0,765	-0,521	5,92E-25
ALKBH6	ENSG00000239382.10	13,505	19,815	-0,521	6,09E-25
RP11-168A11.4	ENSG00000251050.1	0,3	0,865	-0,521	2,25E-21
C1QTNF2	ENSG00000145861.7	0,725	1,475	-0,521	1,91E-17
HXA5	ENSG00000106004.4	4,22	6,49	-0,521	1,43E-15
CTD-2027I19.2	ENSG00000268442.1	0,29	0,85	-0,52	9,77E-33
RASGRP4	ENSG00000171777.15	0,36	0,95	-0,52	3,3E-31
NONOP2	ENSG00000237522.1	0,395	1	-0,52	3,09E-25
SLC35E4	ENSG00000100036.12	1,19	2,14	-0,52	3,45E-24
BRD9	ENSG00000028310.17	16,42	23,985	-0,52	6,39E-20
EPS8L2	ENSG00000177106.14	43,459	62,749	-0,52	9E-19
AC008993.2	ENSG00000282542.1	0,51	1,165	-0,52	1,03E-12
CRHBP	ENSG00000145708.10	0,545	1,215	-0,52	3,03E-11
WHSC1L1	ENSG00000147548.16	17,985	26,231	-0,52	5,94E-10
GABPB2	ENSG00000143458.11	3,495	5,445	-0,52	5,26E-09
SLC5A8	ENSG00000256870.2	0,13	0,62	-0,52	3,45E-07

GCLC	ENSG0000001084.10	16,72	24,405	-0,52	0,0000576
CTC-429P9.2	ENSG00000268087.1	1,97	3,26	-0,52	0,002
RP11-84C10.4	ENSG00000258471.1	0,05	0,505	-0,519	1,17E-43
GBP1P1	ENSG00000225492.6	0,455	1,085	-0,519	1,89E-23
MOB2	ENSG00000182208.12	34,025	49,174	-0,519	3,22E-21
NDUFS2	ENSG00000158864.12	64,572	92,976	-0,519	1,68E-16
ZNF441	ENSG00000197044.10	2,36	3,815	-0,519	3,24E-08
CTD-2017F17.2	ENSG00000274383.1	5,645	8,519	-0,519	0,000126
IRS1	ENSG00000169047.5	6,55	9,82	-0,519	0,00074
MGLL	ENSG00000074416.13	16,435	23,99	-0,519	0,00302
RP11-182J1.14	ENSG00000259683.1	0,03	0,475	-0,518	1,13E-55
SUMO4	ENSG00000177688.6	0,11	0,59	-0,518	1,75E-45
RP11-554A11.9	ENSG00000259799.1	0,1	0,575	-0,518	2,57E-36
DDIT3	ENSG00000175197.10	27,614	39,975	-0,518	8,21E-27
FRMD6-AS2	ENSG00000258537.5	0,145	0,64	-0,518	8,37E-21
GNA11	ENSG00000088256.8	34,134	49,295	-0,518	3,82E-12
MIR100HG	ENSG00000255090.5	0,39	0,99	-0,518	3,88E-12
DDHD1	ENSG00000100523.14	2,22	3,61	-0,518	8,74E-12
VAMP4	ENSG00000117533.14	5,37	8,12	-0,518	9,99E-09
FAM216A	ENSG00000204856.11	4,64	7,075	-0,518	9,53E-08
SHISA4	ENSG00000198892.6	18,835	27,409	-0,518	7,69E-06
SLC25A36	ENSG00000114120.11	22,605	32,81	-0,518	0,00102
CTD-2562J17.6	ENSG00000279117.1	7,44	11,09	-0,518	0,004
UBAC1	ENSG00000130560.8	25,85	37,414	-0,517	8,2E-45
FXYD7	ENSG00000221946.7	0,16	0,66	-0,517	5,42E-38
HFM1	ENSG00000162669.15	0,16	0,66	-0,517	3,94E-37
LINC00937	ENSG00000226091.7	0,31	0,875	-0,517	4,28E-37
RP11-552F3.9	ENSG00000267801.1	0,24	0,775	-0,517	2,61E-34
AC106786.1	ENSG00000223652.2	0,475	1,11	-0,517	8,28E-16
HYDIN	ENSG00000157423.17	0,45	1,075	-0,517	6,86E-14
SDCBP2-AS1	ENSG00000234684.6	2,26	3,665	-0,517	2,27E-12
DDX42	ENSG00000198231.12	49,165	70,805	-0,517	2,3E-11
NDN	ENSG00000182636.5	20,175	29,294	-0,517	2,23E-10
TAF1D	ENSG00000166012.14	51,06	73,488	-0,517	2,89E-09
RGPD1	ENSG00000187627.14	0,24	0,775	-0,517	0,0000279
MT-ND5	ENSG00000198786.2	1510,279	2162,223	-0,517	0,00113
DCLK1	ENSG00000133083.14	1,84	3,065	-0,517	0,00213
C1QTNF3	ENSG00000082196.20	3,705	5,735	-0,517	0,0442
RP5-1029F21.2	ENSG00000262905.1	0,07	0,53	-0,516	3,11E-40
SAP30BP	ENSG00000161526.14	46,405	66,777	-0,516	5,17E-40
KLHL30	ENSG00000168427.8	0,14	0,63	-0,516	2,85E-23
TSEN54	ENSG00000182173.12	21,11	30,624	-0,516	4,48E-22
RP11-404E16.1	ENSG00000250734.2	0,14	0,63	-0,516	5,62E-19
RP11-296O14.3	ENSG00000203739.3	0,93	1,76	-0,516	2,89E-18
RP11-158K1.3	ENSG00000253106.1	0,94	1,775	-0,516	5,76E-17
SPRR1A	ENSG00000169474.4	0	0,43	-0,516	1,38E-14

LL22NC03-2H8.5	ENSG00000274422.1	0,51	1,16	-0,516	1,02E-13
ZNF598	ENSG00000167962.12	22,845	33,09	-0,516	4,07E-12
RASAL2	ENSG00000075391.16	2,49	3,99	-0,516	0,00644
NEBL	ENSG00000078114.18	8,665	12,825	-0,516	0,00943
RP11-455J20.3	ENSG00000273240.1	0,19	0,7	-0,515	4,77E-47
PIGHP1	ENSG00000259657.1	0,26	0,8	-0,515	5,85E-25
RP3-510D11.2	ENSG00000234546.2	1,34	2,345	-0,515	3,58E-21
RP11-1000B6.7	ENSG00000276724.1	1,8	3	-0,515	1,01E-20
EPM2A	ENSG00000112425.13	2,45	3,93	-0,515	6,26E-17
ARMC4	ENSG00000169126.15	1,4	2,43	-0,515	3,16E-14
YBX3	ENSG00000060138.12	176,778	253,07	-0,515	2,55E-10
CACNB3	ENSG00000167535.7	10,19	14,987	-0,515	1,14E-07
MET	ENSG00000105976.14	2,575	4,11	-0,515	0,000019
RP11-97O12.5	ENSG00000279945.1	1,47	2,53	-0,515	0,00722
SSBP4	ENSG00000130511.15	43,706	62,858	-0,514	1,46E-28
DHX34	ENSG00000134815.18	8,65	12,78	-0,514	7,6E-21
DHX37	ENSG00000150990.7	5,455	8,215	-0,514	6,86E-13
PPTC7	ENSG00000196850.5	6,495	9,705	-0,514	2,75E-12
AS3MT	ENSG00000214435.7	4,615	7,02	-0,514	4,13E-11
CMB9-55F22.1	ENSG00000279672.1	1,54	2,626	-0,514	2,67E-10
UPF3A	ENSG00000169062.14	38,525	55,423	-0,514	3,22E-10
NHLRC3	ENSG00000188811.12	8,38	12,395	-0,514	2,12E-07
RP1-278O22.1	ENSG00000224961.1	2,74	4,34	-0,514	0,0026
SLC8A1-AS1	ENSG00000227028.6	1,84	3,055	-0,514	0,0287
RP4-777O23.3	ENSG00000281039.1	0,1	0,57	-0,513	1,99E-37
RP11-245J9.6	ENSG00000272181.1	0,1	0,57	-0,513	4,25E-37
RP11-347C12.3	ENSG00000258130.7	0,825	1,605	-0,513	7,98E-20
TBC1D20	ENSG00000125875.13	17,045	24,745	-0,513	4,14E-16
RP11-351I21.11	ENSG00000270074.1	1,39	2,41	-0,513	1,81E-15
NRSN2	ENSG00000125841.12	21,905	31,675	-0,513	1,84E-11
RP11-1166P10.1	ENSG00000260628.5	0,535	1,19	-0,513	6,36E-10
KIAA1109	ENSG00000138688.15	15,34	22,31	-0,513	0,000385
RP11-535M15.2	ENSG00000233820.2	0,21	0,725	-0,512	5,24E-40
PRAF2	ENSG00000243279.3	17,095	24,81	-0,512	1,22E-15
FLVCR2	ENSG00000119686.9	1,325	2,315	-0,512	1,97E-10
SUSD2	ENSG00000099994.10	2,825	4,455	-0,512	6,82E-07
INO80D	ENSG00000114933.15	1,945	3,2	-0,512	3,95E-06
FBN3	ENSG00000142449.12	0,2	0,71	-0,511	2,94E-25
WNT11	ENSG00000085741.12	2,29	3,69	-0,511	0,0011
pk	ENSG00000091436.16	12,715	18,55	-0,511	0,00181
RP4-635E18.7	ENSG00000226849.1	0,12	0,595	-0,51	3,99E-44
UBE2FP3	ENSG00000233337.1	0,51	1,15	-0,51	6,57E-25
RP11-21L23.2	ENSG00000261578.1	0,45	1,065	-0,51	4,12E-21
RP11-156E8.1	ENSG00000272195.1	0,45	1,065	-0,51	9E-21
RPS20P33	ENSG00000242085.1	0,39	0,98	-0,51	6,37E-19
TPGS1	ENSG00000141933.9	6,695	9,955	-0,51	4,73E-12

GLS2	ENSG00000135423.12	2,115	3,435	-0,51	8,16E-10
ITGAX	ENSG00000140678.16	2,465	3,935	-0,51	1,03E-08
ARHGAP31	ENSG00000031081.10	1,5	2,56	-0,51	0,0000033
RP11-774O3.3	ENSG00000251615.3	6,4	9,54	-0,51	0,0000909
AC004791.2	ENSG00000267453.6	0,1	0,565	-0,509	2,54E-38
C1orf52	ENSG00000162642.13	11,585	16,915	-0,509	1,23E-23
PHC2	ENSG00000134686.16	49,826	71,327	-0,509	8,22E-18
KCNN3	ENSG00000143603.18	0,405	1	-0,509	3,71E-15
AF186192.1	ENSG00000254533.1	0,37	0,95	-0,509	2,93E-14
AKAP13	ENSG00000170776.19	22,59	32,571	-0,509	6,05E-12
RP11-3D4.2	ENSG00000259287.2	0,76	1,505	-0,509	9,42E-12
PITPNC1	ENSG00000154217.14	10,26	15,02	-0,509	3,45E-10
MXD1	ENSG00000059728.10	2,955	4,63	-0,509	5,93E-10
SUPT6H	ENSG00000109111.14	27,255	39,195	-0,509	1,44E-08
NPC1	ENSG00000141458.12	14,795	21,475	-0,509	2,96E-07
KIAA0040	ENSG00000235750.9	7,93	11,709	-0,509	0,0000102
MTMR1	ENSG00000063601.16	8,9	13,085	-0,509	0,0000125
CEBPB-AS1	ENSG00000277449.1	0,54	1,19	-0,508	1,08E-50
ADGRG3	ENSG00000182885.16	0,15	0,635	-0,508	7,25E-39
EPS15L1	ENSG00000127527.13	16,34	23,654	-0,508	4,8E-37
XIST	ENSG00000229807.9	0,03	0,465	-0,508	1,23E-30
RP11-29B2.6	ENSG00000276957.1	0,28	0,82	-0,508	2,88E-28
RP11-783K16.13	ENSG00000257086.1	1,38	2,385	-0,508	4,24E-20
ZBTB48	ENSG00000204859.11	26,135	37,59	-0,508	4,19E-17
RBM14-RBM4	ENSG00000248643.5	2,755	4,34	-0,508	3,91E-16
EPHX3	ENSG00000105131.7	0,41	1,005	-0,508	1,56E-14
BATF3	ENSG00000123685.8	1,18	2,1	-0,508	2,72E-14
RN7SL689P	ENSG00000263432.2	0,6	1,275	-0,508	7,45E-11
RP11-617F23.1	ENSG00000259291.2	10,695	15,63	-0,508	1,67E-10
ITGAM	ENSG00000169896.16	1,31	2,285	-0,508	3,39E-10
RP11-3P17.5	ENSG00000269888.1	10,28	15,042	-0,508	4,16E-06
RP11-573G6.4	ENSG00000279631.1	0,26	0,79	-0,507	1,24E-29
RGS13	ENSG00000127074.14	0,295	0,84	-0,507	3,6E-25
CROCCP2	ENSG00000282056.1	3,255	5,045	-0,507	9,89E-18
PCYT1B	ENSG00000102230.13	0,26	0,79	-0,507	3,25E-17
AOC2	ENSG00000131480.8	0,4	0,99	-0,507	2,92E-15
NPY6R	ENSG00000226306.6	0,14	0,62	-0,507	1,14E-13
SIDT2	ENSG00000149577.15	45,215	64,695	-0,507	2,04E-06
SERPIN8	ENSG00000166401.13	2,345	3,755	-0,507	0,000011
AC007952.5	ENSG00000228157.4	0,07	0,52	-0,506	1,95E-48
LINC00961	ENSG00000235387.1	0,25	0,775	-0,506	5,15E-37
GUCA1B	ENSG00000112599.8	0,51	1,145	-0,506	2,87E-20
OGFR	ENSG00000060491.16	31,201	44,721	-0,506	1,58E-16
CLDND2	ENSG00000160318.6	2,095	3,395	-0,506	1,11E-06
GALNT14	ENSG00000158089.14	1,675	2,8	-0,506	1,22E-06
RCSD1	ENSG00000198771.10	2,045	3,325	-0,506	0,0000167

RP11-416A14.1	ENSG00000270040.1	0,05	0,49	-0,505	2,26E-43
AL136419.6	ENSG00000260669.2	0,98	1,81	-0,505	2,65E-28
CTD-2262B20.1	ENSG00000259630.2	0,11	0,575	-0,505	5,75E-28
ANKK1	ENSG00000170209.4	0,54	1,185	-0,505	5,76E-24
BANP	ENSG00000172530.19	8,835	12,96	-0,505	1,23E-16
C1RL	ENSG00000139178.10	21,44	30,855	-0,505	2,05E-07
MT1JP	ENSG00000255986.6	0,825	1,59	-0,505	7,07E-07
TNFRSF12A	ENSG00000006327.13	14,115	20,447	-0,505	1,92E-06
BIN2	ENSG00000110934.10	1,58	2,66	-0,505	0,0000129
PVRIG2P	ENSG00000235333.3	0,205	0,71	-0,505	0,0000204
CDH8	ENSG00000150394.13	0,1	0,56	-0,504	8,6E-28
TBC1D17	ENSG00000104946.10	39,24	56,065	-0,504	5,57E-26
SPRED3	ENSG00000188766.12	0,46	1,07	-0,504	3,46E-25
C6	ENSG00000039537.13	0,1	0,56	-0,504	2,17E-22
OR7E7P	ENSG00000238228.1	0,495	1,12	-0,504	2,06E-21
PNPLA2	ENSG00000177666.15	85,147	121,187	-0,504	5,02E-19
C9orf139	ENSG00000180539.7	0,975	1,8	-0,504	3,68E-18
AC112229.1	ENSG00000230650.1	0,22	0,73	-0,504	9,93E-16
RP11-65J21.3	ENSG00000262454.1	0,795	1,545	-0,504	4,28E-12
DKFZP434I0714	ENSG00000268471.4	1,94	3,17	-0,504	1,04E-09
NNT-AS1	ENSG00000248092.7	3,23	5	-0,504	5,49E-08
FBXL6	ENSG00000182325.10	12,575	18,249	-0,504	8,54E-08
CTD-2619J13.5	ENSG00000279611.1	0,08	0,53	-0,503	1,53E-45
PSMD10P1	ENSG00000228663.1	0,09	0,545	-0,503	5,8E-36
SRD5A3-AS1	ENSG00000249700.8	0,63	1,31	-0,503	1,27E-35
STK11	ENSG00000118046.14	31,615	45,229	-0,503	7,49E-19
ABHD6	ENSG00000163686.13	3,7	5,66	-0,503	5,6E-17
THEM4	ENSG00000159445.12	10,34	15,075	-0,503	3,09E-14
PDCD6IPP2	ENSG00000261377.5	0,605	1,275	-0,503	1,77E-07
HOXA11	ENSG00000005073.5	9,09	13,295	-0,503	2,74E-06
NLGN4X	ENSG00000146938.14	0,33	0,885	-0,503	0,0000721
KIAA1033	ENSG00000136051.13	9,02	13,205	-0,503	0,000404
SHC3	ENSG00000148082.9	0,14	0,615	-0,502	5,03E-48
HOXB5	ENSG00000120075.5	0,08	0,53	-0,502	1,09E-23
KCNQ5	ENSG00000185760.15	0,26	0,785	-0,502	5,19E-22
RP11-535M15.1	ENSG00000224848.1	0,875	1,655	-0,502	6,25E-17
CYS1	ENSG00000205795.4	1,845	3,03	-0,502	6,72E-17
ADARB1	ENSG00000197381.15	9,37	13,689	-0,502	5,59E-09
CIB2	ENSG00000136425.12	7,905	11,615	-0,502	9,03E-06
ELF1	ENSG00000120690.13	19,625	28,2	-0,502	0,00125
LUM	ENSG00000139329.4	111,971	158,957	-0,502	0,0122
FBXW4P1	ENSG00000230701.2	0,18	0,67	-0,501	1,6E-48
REG1B	ENSG00000172023.7	0	0,415	-0,501	2,71E-33
RP11-83M16.3	ENSG00000250669.1	0,06	0,5	-0,501	3,06E-29
TPTE2P5	ENSG00000168852.12	0,6	1,265	-0,501	9,94E-28
SLTM	ENSG00000137776.16	40,98	58,413	-0,501	3E-12

ITPR1-AS1	ENSG00000231249.1	0,555	1,2	-0,501	1E-10
PFKP	ENSG00000067057.16	31,939	45,621	-0,501	2,88E-10
RP11-7115.3	ENSG00000254829.1	0,265	0,79	-0,501	0,0000012
GAPVD1	ENSG00000165219.21	7,71	11,325	-0,501	0,0000476
HAGHL	ENSG00000103253.17	5	7,49	-0,501	0,00105
RP11-396B14.2	ENSG00000263033.2	0,17	0,655	-0,5	2,72E-38
RP11-411B10.7	ENSG00000279352.1	0,23	0,74	-0,5	3,81E-36
ZNF418	ENSG00000196724.12	3,835	5,84	-0,5	2,83E-15
MIR4435-2HG	ENSG00000172965.14	7,26	10,685	-0,5	3,07E-11
ZMAT3	ENSG00000172667.10	2,62	4,12	-0,5	4,08E-09
GLS	ENSG00000115419.12	12,515	18,12	-0,5	2,3E-08
ASAP3	ENSG00000088280.18	22,055	31,61	-0,5	1,02E-06
TBC1D7	ENSG00000145979.17	18,1	12,505	0,5	5,37E-20
RP1-86C11.7	ENSG00000272468.1	2,96	1,8	0,5	2,85E-07
ATP6V1D	ENSG00000100554.11	73,01	51,305	0,501	2,35E-17
COMMD1	ENSG00000173163.10	50,876	35,645	0,501	2E-12
RPS15A	ENSG00000134419.15	2207,273	1559,101	0,501	3,46E-12
SI	ENSG00000090402.7	0,5	0,06	0,501	2,36E-09
RP11-549B18.1	ENSG00000259985.1	1,485	0,755	0,502	2,59E-32
TOMM40	ENSG00000130204.12	38,191	26,679	0,502	2,92E-29
RP11-44F14.8	ENSG00000262714.1	1,535	0,79	0,502	3E-21
CCPG1	ENSG00000260916.5	39,099	27,322	0,502	4,59E-14
ISCA1P1	ENSG00000217416.4	3,085	1,885	0,502	5,22E-12
SLC35F6	ENSG00000213699.8	23,364	16,19	0,503	2,1E-32
TMEM186	ENSG00000184857.7	13,085	8,94	0,503	7,78E-31
ZNF542P	ENSG00000240225.10	13,125	8,97	0,503	8,11E-21
RP11-27G14.4	ENSG00000282221.1	1,43	0,715	0,503	2,92E-14
AP5M1	ENSG00000053770.11	11,085	7,525	0,503	1,38E-10
YTHDF3-AS1	ENSG00000270673.1	4,1	2,6	0,503	5,09E-08
ZNF770	ENSG00000198146.4	7,56	5,04	0,503	3,22E-07
NPNT	ENSG00000168743.12	71,699	50,299	0,503	0,0000896
PLBD2	ENSG00000151176.7	26	18,035	0,504	6,69E-32
AC010894.3	ENSG00000226853.2	3,12	1,905	0,504	1,11E-20
DHFRP1	ENSG00000188985.6	1,41	0,7	0,504	2E-13
TTR	ENSG00000118271.9	1,135	0,505	0,504	9,03E-07
PSMD11	ENSG00000108671.9	53,439	37,365	0,505	7,41E-33
ARF5	ENSG00000004059.10	203,861	143,334	0,505	5,23E-21
HADHB	ENSG00000138029.13	92,706	65,025	0,505	2,55E-20
KIAA1143	ENSG00000163807.5	12,7	8,655	0,505	2,08E-17
PLD6	ENSG00000179598.5	8,47	5,675	0,505	7,92E-16
ARHGAP28	ENSG00000088756.12	3,855	2,42	0,505	9,74E-11
WWP1	ENSG00000123124.13	28,784	19,994	0,505	1,56E-09
BCRP7	ENSG00000215544.6	0,93	0,36	0,505	6,65E-06
APELA	ENSG00000248329.5	2,165	1,23	0,505	0,0000438
SEPP1	ENSG00000250722.5	182,879	128,555	0,505	0,0245
CTC-575D19.1	ENSG00000233913.7	8,84	5,935	0,505	0,0421

ADSL	ENSG00000239900.11	46,97	32,789	0,506	2,02E-28
MARS2	ENSG00000247626.4	2,99	1,81	0,506	5,64E-23
RP11-259K5.2	ENSG00000270194.1	2,395	1,39	0,506	9,63E-19
BCOR	ENSG00000183337.16	20,715	14,295	0,506	1,25E-17
LYPD6	ENSG00000187123.14	1,62	0,845	0,506	8,03E-14
AACS	ENSG00000081760.16	17,925	12,32	0,507	5,68E-24
LINC00493	ENSG00000232388.4	112,212	78,65	0,507	6,97E-21
CEP55	ENSG00000138180.15	0,755	0,235	0,507	1,03E-15
RP11-598P20.3	ENSG00000254198.1	2,39	1,385	0,507	8,9E-15
STT3B	ENSG00000163527.9	54,615	38,125	0,507	6,1E-10
RP4-697K14.15	ENSG00000275812.1	0,72	0,21	0,507	6,2E-07
AP000349.2	ENSG00000280178.1	0,79	0,26	0,507	0,0000916
MLF1	ENSG00000178053.17	6,285	4,125	0,507	0,000101
MRPL47	ENSG00000136522.13	32,365	22,465	0,508	2,14E-29
NDC1	ENSG00000058804.11	5,035	3,245	0,508	9,77E-24
UTP3	ENSG00000132467.3	17,83	12,245	0,508	9,31E-23
EEF1E1	ENSG00000124802.11	21,965	15,15	0,508	1,83E-21
AC004987.9	ENSG00000233225.3	1,66	0,87	0,508	2,54E-15
PEX13	ENSG00000162928.8	15,855	10,85	0,508	5,37E-13
GNG10	ENSG00000242616.3	59,26	41,36	0,508	4,89E-12
CDT1	ENSG00000167513.8	1,745	0,93	0,508	5,03E-09
MAGEH1	ENSG00000187601.4	39,565	27,534	0,508	0,0000212
RP11-435O5.2	ENSG00000237857.2	1,07	0,455	0,509	5,24E-22
ACP6	ENSG00000162836.11	29,88	20,7	0,509	1,96E-20
SLC2A10	ENSG00000197496.5	39,379	27,366	0,509	2,25E-16
HDAC2	ENSG00000196591.11	55,691	38,825	0,509	2,24E-13
IFT57	ENSG00000114446.4	55,741	38,875	0,509	2,61E-07
RPS4Y1	ENSG00000129824.15	548,671	385,195	0,509	9,67E-06
PSMA4	ENSG00000041357.15	187,175	131,156	0,51	1E-23
TAF1A-AS1	ENSG00000225265.1	2,41	1,395	0,51	1,15E-17
RAB10	ENSG00000084733.10	52,31	36,425	0,51	1,16E-14
TRAPPC2L	ENSG00000167515.10	75,674	52,841	0,51	1,03E-06
MTRNR2L12	ENSG00000269028.3	0,78	0,25	0,51	0,000181
CHAMP1	ENSG00000198824.5	11,63	7,865	0,511	2,98E-22
HNRNPA0	ENSG00000177733.6	25	17,25	0,511	3,54E-20
MEMO1P1	ENSG00000226054.2	2,07	1,155	0,511	8,14E-20
HMG2P17	ENSG00000238249.2	0,425	0	0,511	5,88E-19
CUX1	ENSG00000257923.9	59,885	41,72	0,511	6,65E-18
VANGL1	ENSG00000173218.14	4,03	2,53	0,511	6,94E-18
LZIC	ENSG00000162441.11	19,15	13,14	0,511	1,6E-17
CUX2	ENSG00000111249.13	12,78	8,67	0,511	5,92E-17
AC073133.2	ENSG00000228569.1	0,86	0,305	0,511	3,62E-09
NAA38	ENSG00000183011.13	125,261	87,592	0,511	2,38E-07
CCDC134	ENSG00000100147.13	3,32	2,03	0,512	9,31E-21
ZBTB18	ENSG00000179456.10	11,91	8,05	0,512	2,37E-19
RP11-12G12.7	ENSG00000274605.1	26,155	18,04	0,512	1,12E-15

COMT	ENSG00000093010.11	176,557	123,502	0,512	3,93E-13
LINC01411	ENSG00000249306.5	0,94	0,36	0,512	3,92E-12
NDUFS1	ENSG00000023228.13	26,655	18,4	0,512	8,51E-12
RP11-651P23.4	ENSG00000224831.3	3,22	1,96	0,512	4,6E-11
C15orf40	ENSG00000169609.13	20,54	14,1	0,512	2,55E-10
PIGX	ENSG00000163964.13	16,89	11,535	0,513	1,12E-23
C6orf132	ENSG00000188112.8	20,87	14,324	0,513	1,77E-20
KLK2	ENSG00000167751.12	5956,503	4173,233	0,513	2,47E-17
COX8A	ENSG00000176340.3	526,959	368,954	0,513	7,19E-15
CDC42	ENSG00000070831.15	123,275	86,108	0,513	6,63E-12
RNF13	ENSG00000082996.19	49,205	34,179	0,513	1,13E-10
Z83851.4	ENSG00000233903.2	1,42	0,695	0,514	2,38E-28
FLJ37035	ENSG00000224023.10	6,86	4,505	0,514	9,91E-21
TMED1	ENSG00000099203.6	43,015	29,83	0,514	1,21E-19
IL10RB	ENSG00000243646.8	28,754	19,841	0,514	1,29E-16
CRLS1	ENSG00000088766.11	65,716	45,725	0,514	7,95E-13
TNFRSF21	ENSG00000146072.6	17,905	12,235	0,514	1,96E-06
DYNC1LI1	ENSG00000144635.8	23,43	16,09	0,515	1,48E-24
TXNL1	ENSG00000091164.12	60,641	42,136	0,515	3,16E-24
C16orf87	ENSG00000155330.9	5,025	3,215	0,515	2,96E-18
LAP3	ENSG00000002549.12	46,775	32,425	0,515	1,59E-10
SMCO3	ENSG00000179256.2	1,53	0,77	0,515	2,29E-09
AC005523.2	ENSG00000269604.1	17,09	11,65	0,516	3,34E-35
RP1-80N2.3	ENSG00000261211.1	0,63	0,14	0,516	4,89E-33
CTC-559E9.8	ENSG00000267565.1	2,49	1,44	0,516	1,02E-28
RMND5A	ENSG00000153561.12	13,29	8,99	0,516	3,3E-21
SRSF9	ENSG00000111786.8	158,66	110,656	0,516	3,68E-21
ALKBH2	ENSG00000189046.10	24,045	16,515	0,516	2,61E-20
RALA	ENSG00000006451.7	16,75	11,41	0,516	1,45E-18
GSPT1	ENSG00000103342.12	57,889	40,19	0,516	1,19E-17
BZW2	ENSG00000136261.14	33,13	22,865	0,516	6,77E-16
ARL5A	ENSG00000162980.16	16,44	11,2	0,516	7,19E-13
RP11-286N22.8	ENSG00000256591.5	31,49	21,72	0,516	6,92E-07
CTB-59C6.3	ENSG00000268525.1	0,43	0	0,516	0,000203
ADCK2	ENSG00000133597.9	24,22	16,62	0,517	3,97E-25
TMBIM4	ENSG00000155957.16	125,783	87,626	0,517	7,09E-18
SF3B5	ENSG00000169976.6	170,218	118,623	0,517	1,6E-15
RP11-72M17.1	ENSG00000258561.1	0,975	0,38	0,517	5,07E-14
C3orf38	ENSG00000179021.9	8,095	5,355	0,517	1,13E-13
STMN1	ENSG00000117632.20	50,88	35,245	0,517	1,43E-11
DCAF7	ENSG00000136485.14	28,889	19,88	0,518	4,41E-23
DHRX	ENSG00000169084.12	22,705	15,555	0,518	1,92E-19
AC135048.13	ENSG00000261487.1	6,735	4,4	0,518	4,6E-17
PLIN3	ENSG00000105355.8	46,529	32,185	0,518	6,6E-14
EIF3C	ENSG00000184110.14	395,435	275,927	0,518	5,71E-12
RP11-544O24.2	ENSG00000274423.1	1,535	0,77	0,518	7,52E-11

RAB1B	ENSG00000174903.14	230,479	160,574	0,519	3,42E-30
DCAF11	ENSG00000100897.17	60,765	42,095	0,519	8,35E-22
SEC22C	ENSG00000093183.13	53,131	36,77	0,519	1,22E-21
MZT1	ENSG00000204899.5	9,585	6,385	0,519	5,86E-16
ATRN	ENSG00000088812.17	11,28	7,57	0,519	9,55E-16
BSCL2	ENSG00000168000.14	108,91	75,69	0,519	5,4E-09
OPRK1	ENSG00000082556.10	1,085	0,455	0,519	4,62E-06
DHX32	ENSG00000089876.11	23,725	16,245	0,52	7,51E-24
RRAGD	ENSG00000025039.14	12,355	8,315	0,52	2,03E-13
DAP	ENSG00000112977.15	122,678	85,224	0,52	7,1E-12
BZW1	ENSG00000082153.17	86,551	60,049	0,52	4,28E-09
TRPM2	ENSG00000142185.16	3,79	2,34	0,52	4,69E-06
IGHV1-18	ENSG00000211945.2	1,66	0,855	0,52	0,0212
HLA-DRB5	ENSG00000198502.5	16,58	11,259	0,52	0,0395
SRSF9P1	ENSG00000214867.3	1,26	0,575	0,521	1,09E-28
CFL1	ENSG00000172757.12	737,346	513,385	0,521	3,36E-26
TRIM24	ENSG00000122779.16	12,33	8,29	0,521	1,9E-23
MGAT4A	ENSG00000071073.12	11,645	7,81	0,521	1,53E-18
KNOP1	ENSG00000103550.13	15,175	10,27	0,521	9,27E-18
SETD7	ENSG00000145391.13	29,285	20,105	0,521	4,56E-17
MICALCL	ENSG00000133808.4	1,245	0,565	0,521	1,05E-16
PAK4	ENSG00000130669.17	82,506	57,209	0,521	1,8E-16
SAYSD1	ENSG00000112167.9	16,665	11,3	0,522	1,03E-29
SNRPE	ENSG00000182004.12	122,5	84,991	0,522	1,26E-25
MRPL50	ENSG00000136897.7	11,005	7,36	0,522	2,09E-25
MFSD5	ENSG00000182544.8	26,735	18,31	0,522	3,97E-20
PPA1	ENSG00000180817.11	107,723	74,741	0,522	1,39E-17
RP11-111M22.3	ENSG00000255135.3	15,69	10,62	0,522	3,12E-09
CTC-518P12.6	ENSG00000267484.1	1,125	0,48	0,522	0,0000527
FRAT2	ENSG00000181274.6	12,115	8,125	0,523	4,53E-20
TDRKH	ENSG00000182134.15	10,045	6,685	0,523	7E-17
RP11-660L16.2	ENSG00000254682.1	11,39	7,619	0,523	8,07E-09
MESP2	ENSG00000188095.4	1,435	0,695	0,523	0,000518
HPS6	ENSG00000166189.7	10,265	6,835	0,524	2,88E-29
LRPPRC	ENSG00000138095.18	37,165	25,535	0,524	2,41E-28
RCC2	ENSG00000179051.13	33,681	23,115	0,524	9,41E-19
NCAPG	ENSG00000109805.9	0,84	0,28	0,524	9,59E-18
PIGF	ENSG00000151665.12	19,425	13,2	0,524	2,41E-15
SCAMP5	ENSG00000198794.11	8,47	5,585	0,524	3,38E-13
DEAF1	ENSG00000177030.16	41,714	28,694	0,525	4,92E-26
URI1	ENSG00000105176.17	51,175	35,255	0,525	8,63E-21
MMADHC	ENSG00000168288.12	80,738	55,815	0,525	5,88E-16
RPL18A	ENSG00000105640.12	2354,491	1636,218	0,525	3,72E-15
CCDC64	ENSG00000135127.11	7,55	4,94	0,525	5,8E-12
PCDHB10	ENSG00000120324.6	1,985	1,075	0,525	3,13E-10
ASRGL1	ENSG00000162174.12	32	21,93	0,525	0,0000318

GALNT12	ENSG00000119514.6	7,354	4,805	0,525	0,0000509
IGBP1	ENSG00000089289.15	67,571	46,62	0,526	4,14E-34
AURKA	ENSG00000087586.17	1,815	0,955	0,526	1,59E-17
LINC01509	ENSG00000226825.1	0,44	0	0,526	1,7E-15
FOXJ1	ENSG00000129654.7	0,785	0,24	0,526	0,000211
SNHG25	ENSG00000266402.3	3,465	2,1	0,526	0,000488
RPS27P29	ENSG00000240231.1	0,44	0	0,526	0,00378
IGHV4-34	ENSG00000211956.2	1,325	0,615	0,526	0,0108
MED29	ENSG00000063322.13	35,31	24,195	0,527	9,59E-27
FN3K	ENSG00000167363.13	31,46	21,52	0,527	2,69E-20
ZMYND12	ENSG00000066185.12	3,61	2,2	0,527	8,13E-17
ALG12	ENSG00000182858.13	24,281	16,54	0,527	2,23E-15
ERVH48-1	ENSG00000233056.2	0,78	0,235	0,527	3,31E-15
RP11-778D9.12	ENSG00000272721.5	1,19	0,52	0,527	1,3E-14
RTCA-AS1	ENSG00000224616.1	3,87	2,38	0,527	1,8E-14
GNG13	ENSG00000127588.4	0,52	0,055	0,527	2,93E-14
RP11-20B24.4	ENSG00000266642.2	27,695	18,915	0,527	2,2E-09
BCDIN3D	ENSG00000186666.5	5,155	3,27	0,528	3,8E-30
GMPS	ENSG00000163655.15	21,825	14,835	0,528	5,89E-22
DAG1	ENSG00000173402.11	35,49	24,314	0,528	3,03E-20
UQCR11	ENSG00000127540.11	212,106	146,757	0,528	4,55E-15
TRAPPC5	ENSG00000181029.8	112,107	77,436	0,528	6,21E-14
LANCL2	ENSG00000132434.9	13,19	8,835	0,529	5,09E-30
RP11-22C11.2	ENSG00000261437.1	1,575	0,785	0,529	2,78E-23
RPS10	ENSG00000124614.13	2081,848	1442,343	0,529	1,35E-17
SLC25A1	ENSG00000100075.9	85,295	58,826	0,529	1,65E-15
PWWP2B	ENSG00000171813.13	16,975	11,455	0,529	3,56E-14
AC004057.1	ENSG00000196656.7	852,23	590,277	0,529	6,44E-08
SSBP1	ENSG00000106028.10	113,55	78,348	0,53	5,09E-37
THNSL1	ENSG00000185875.12	3,23	1,93	0,53	2,53E-21
CLN3	ENSG00000188603.16	59,299	40,755	0,53	5,13E-21
UPRT	ENSG00000094841.13	10,635	7,06	0,53	5,67E-19
RPS3	ENSG00000149273.14	2712,955	1878,219	0,53	4,75E-17
MIS18A	ENSG00000159055.3	7,31	4,755	0,53	8,3E-17
NAGA	ENSG00000198951.11	22,995	15,615	0,53	2,67E-16
HLA-DQA2	ENSG00000237541.3	2,81	1,64	0,53	0,000261
EEFSEC	ENSG00000132394.10	20,3	13,745	0,531	1,88E-30
C10orf2	ENSG00000107815.7	7,17	4,655	0,531	2,47E-22
NOLC1	ENSG00000166197.16	44,694	30,625	0,531	1,54E-19
AK4	ENSG00000162433.14	17,015	11,47	0,531	6,52E-16
RP11-166P13.3	ENSG00000263004.1	10,31	6,825	0,531	4,12E-15
RP2	ENSG00000102218.5	4,77	2,994	0,531	7,73E-13
SNORD3B-1	ENSG00000265185.5	1,275	0,575	0,531	0,000193
MGAT2	ENSG00000168282.5	14,5	9,725	0,531	0,000206
LIPE-AS1	ENSG00000213904.8	25,35	17,23	0,531	0,000479
IGHV1-69-2	ENSG00000280411.1	1,63	0,82	0,531	0,0434

LCMT2	ENSG00000168806.7	6,535	4,21	0,532	1,33E-15
CEBPA	ENSG00000245848.2	13,715	9,18	0,532	6,66E-15
HMGCS2	ENSG00000134240.11	27,605	18,784	0,532	4,84E-06
SPP1	ENSG00000118785.13	12,44	8,292	0,532	0,0157
SPC25	ENSG00000152253.8	0,91	0,32	0,533	2,3E-15
ZNRF2	ENSG00000180233.10	6,16	3,95	0,533	2,04E-14
TSPYL1	ENSG00000189241.6	59,02	40,489	0,533	1,18E-12
PFN2	ENSG00000070087.13	81,985	56,371	0,533	1,84E-12
UMAD1	ENSG00000219545.9	29,355	19,974	0,533	3,51E-09
RPS6KA1	ENSG00000117676.13	34,175	23,294	0,534	2,36E-31
AC004967.7	ENSG00000243554.1	1,65	0,83	0,534	6,75E-27
SLC25A5	ENSG00000005022.5	196,958	135,673	0,534	1,62E-17
NIPA2	ENSG00000140157.14	27,055	18,375	0,534	1,07E-12
RMI2	ENSG00000175643.8	3,575	2,16	0,534	7,32E-09
DUXAP8	ENSG00000206195.10	9,275	6,094	0,534	0,00327
PSEN1	ENSG00000080815.18	27,971	19	0,535	2,57E-23
STK32C	ENSG00000165752.16	11,01	7,29	0,535	1,44E-20
ZNF28	ENSG00000198538.10	9,1	5,97	0,535	4,41E-18
SRM	ENSG00000116649.9	83,493	57,324	0,535	1,88E-16
KIAA1549	ENSG00000122778.9	2,94	1,72	0,535	1,73E-13
ACADSB	ENSG00000196177.12	22,765	15,405	0,535	6,55E-10
FAM84A	ENSG00000162981.13	24,506	16,605	0,535	3,26E-09
RPL3P4	ENSG00000232573.1	85,817	58,916	0,535	0,000456
C2orf47	ENSG00000162972.10	13,375	8,915	0,536	3,93E-22
TMEM69	ENSG00000159596.6	27,785	18,85	0,536	1,74E-20
KRTCAP3	ENSG00000157992.12	70,979	48,652	0,536	1,64E-19
CERS2	ENSG00000143418.19	135,072	92,818	0,536	3,2E-19
NEK6	ENSG00000119408.16	20,589	13,894	0,536	3,47E-16
GSKIP	ENSG00000100744.14	17,56	11,805	0,536	4,39E-13
PSPH	ENSG00000146733.13	10,03	6,605	0,536	5E-12
RP11-440D17.3	ENSG00000272913.1	6,085	3,885	0,536	8,81E-10
RP11-629N8.5	ENSG00000280320.1	8,46	5,525	0,536	0,0000117
EEF1A1	ENSG00000156508.17	9208,177	6344,76	0,537	1,13E-17
NUCB1	ENSG00000104805.15	373,224	256,754	0,538	2,38E-19
MPDU1	ENSG00000129255.14	77,372	52,96	0,538	2,2E-14
MYB	ENSG00000118513.18	2,87	1,665	0,538	1,01E-13
HIST2H4B	ENSG00000270276.2	11,625	7,695	0,538	2,3E-09
ACOX1	ENSG00000161533.11	24,61	16,62	0,539	7,55E-31
MCAT	ENSG00000100294.12	22	14,835	0,539	5,48E-28
FZD5	ENSG00000163251.3	8,54	5,565	0,539	3,92E-22
FUNDC1	ENSG00000069509.5	19,419	13,05	0,539	1,28E-19
RPL27	ENSG00000131469.12	2241,035	1541,799	0,539	1,04E-18
ATP8B1	ENSG00000081923.10	21,67	14,6	0,539	8,6E-12
AC079250.1	ENSG00000230979.3	2,77	1,595	0,539	1,06E-10
ARPC3	ENSG00000111229.15	257,851	176,998	0,54	2,34E-32
PIGW	ENSG00000277161.1	5,355	3,37	0,54	5,3E-24

SKA3	ENSG00000165480.15	0,73	0,19	0,54	5,9E-22
YES1	ENSG00000176105.13	15,325	10,225	0,54	1,37E-16
LINC01607	ENSG00000272138.1	1,21	0,52	0,54	2,78E-14
TOPORS-AS1	ENSG00000235453.7	15,73	10,51	0,54	1,16E-13
SNX25	ENSG00000109762.15	13,145	8,73	0,54	1,84E-11
CDC25A	ENSG00000164045.11	1,43	0,67	0,541	8,35E-29
MAML3	ENSG00000196782.12	6,83	4,38	0,541	1,17E-23
KLHL9	ENSG00000198642.6	12,355	8,18	0,541	1,52E-12
C19orf73	ENSG00000221916.3	2,79	1,605	0,541	2,19E-12
ICT1	ENSG00000167862.9	35,221	23,885	0,542	8,53E-34
MAD2L1BP	ENSG00000124688.13	19,465	13,055	0,542	2,17E-24
RRS1	ENSG00000179041.3	18,09	12,11	0,542	1,84E-22
RP1-63M2.7	ENSG00000275223.1	2,37	1,315	0,542	2,9E-22
RP11-16D22.2	ENSG00000271850.1	0,74	0,195	0,542	3,19E-20
TBC1D4	ENSG00000136111.12	14,96	9,96	0,542	4,37E-16
NDFIP1	ENSG00000131507.10	60,394	41,166	0,542	1,15E-15
RORC	ENSG00000143365.16	29,2	19,735	0,542	1,08E-13
SCAND1	ENSG00000171222.10	104,905	71,744	0,542	0,0000938
SF3B6	ENSG00000115128.6	104,011	71,063	0,543	4,53E-29
NACA	ENSG00000196531.10	2050,911	1406,846	0,543	4,37E-24
PDIA3P1	ENSG00000180867.10	6,585	4,205	0,543	2,7E-23
GAA	ENSG00000171298.12	85,62	58,434	0,543	7,34E-21
RPL18	ENSG00000063177.12	3099,456	2126,624	0,543	1,32E-18
RP11-120K24.3	ENSG00000267868.1	2,205	1,2	0,543	5,25E-18
ALKBH7	ENSG00000125652.7	124,072	84,829	0,543	3,22E-14
GHR	ENSG00000112964.13	9,695	6,34	0,543	1,23E-10
ETV2	ENSG00000105672.14	2,78	1,595	0,543	2,36E-10
CECR5-AS1	ENSG00000185837.3	2,765	1,585	0,543	5,24E-10
ERH	ENSG00000100632.10	125,373	85,695	0,544	1,39E-28
CHMP2A	ENSG00000130724.8	194,239	132,899	0,544	3,36E-25
RPL32P29	ENSG00000244270.1	37,085	25,12	0,544	9,73E-16
FITM2	ENSG00000197296.5	7,23	4,645	0,544	8,77E-15
RACGAP1	ENSG00000161800.12	4,27	2,615	0,544	1,11E-12
PTPRJ	ENSG00000149177.12	10,71	7,025	0,545	1,29E-25
MRPS18B	ENSG00000204568.11	51,83	35,204	0,545	4,29E-25
CDC45	ENSG00000093009.9	1,335	0,6	0,545	2,04E-10
YIF1A	ENSG00000174851.14	102,033	69,55	0,546	3,92E-22
FA2H	ENSG00000103089.8	3,19	1,87	0,546	1,31E-10
RP11-262H14.4	ENSG00000170161.6	4,3	2,63	0,546	2,61E-10
BACE2	ENSG00000182240.15	72,544	49,37	0,546	3,15E-08
TMED11P	ENSG00000215367.10	0,46	0	0,546	9,98E-07
TKFC	ENSG00000149476.14	64,123	43,57	0,547	1,86E-31
TRAPPC2B	ENSG00000256060.2	17,274	11,51	0,547	3,73E-26
SMARCE1	ENSG00000073584.18	89,56	60,991	0,547	2,92E-15
TLL2	ENSG00000095587.8	0,95	0,335	0,547	4,76E-13
CCDC160	ENSG00000203952.9	2,785	1,59	0,547	8,15E-11

SNRPB	ENSG00000125835.17	155,341	105,931	0,548	4,73E-28
DTYMK	ENSG00000168393.12	23,816	15,975	0,548	4,81E-21
DUSP14	ENSG00000276023.4	11,385	7,47	0,548	4,42E-14
ZNF680	ENSG00000173041.11	10,11	6,6	0,548	4,27E-11
MIF	ENSG00000240972.1	595,063	406,651	0,548	3,47E-09
P2RX4	ENSG00000135124.14	33,71	22,725	0,549	7,45E-31
GAR1	ENSG00000109534.16	20,305	13,565	0,549	6,8E-29
BCKDHA	ENSG00000248098.10	40,745	27,541	0,549	1,24E-18
RPL26	ENSG00000161970.12	2973,094	2032,302	0,549	8,16E-14
NOV	ENSG00000136999.4	11,24	7,364	0,549	0,0000184
PSMB6	ENSG00000142507.9	138,294	94,153	0,55	4,76E-19
NDUFA3	ENSG00000170906.15	242,711	165,5	0,55	2,62E-15
ZNHIT2	ENSG00000174276.6	16,74	11,12	0,55	5,32E-12
TIMM10	ENSG00000134809.8	48,921	33,075	0,551	8,25E-17
ENTPD2	ENSG00000054179.11	11,62	7,615	0,551	3,1E-14
MGMT	ENSG00000170430.9	26,295	17,635	0,551	5,3E-14
LINC00998	ENSG00000214194.8	38,31	25,839	0,551	9,39E-13
AC073072.7	ENSG00000234513.1	0,465	0	0,551	1,96E-12
FBXO45	ENSG00000174013.7	6,03	3,795	0,552	2,17E-32
CSTF1	ENSG00000101138.11	20,085	13,385	0,552	3,16E-29
FBXL14	ENSG00000171823.6	7,02	4,47	0,552	1,42E-08
AP000344.4	ENSG00000227755.1	6,564	4,16	0,552	0,0000164
PTP4A3	ENSG00000184489.11	62,296	42,175	0,552	0,000153
ILF2	ENSG00000143621.16	117,62	79,876	0,553	1,79E-32
EI24	ENSG00000149547.14	71,411	48,344	0,553	1,04E-31
NHP2	ENSG00000145912.8	140,297	95,305	0,553	1,4E-29
GMCL1	ENSG00000087338.4	10,83	7,065	0,553	8,28E-21
GNB1	ENSG00000078369.17	154,723	105,109	0,553	1,08E-20
PCNA	ENSG00000132646.10	43,43	29,285	0,553	2,21E-13
TMEM179B	ENSG00000185475.8	98,328	66,645	0,554	8,04E-30
CNP	ENSG00000173786.16	70,126	47,441	0,554	1,67E-23
KNSTRN	ENSG00000128944.13	11,96	7,825	0,554	1,74E-18
TOP1	ENSG00000198900.5	37,026	24,9	0,554	5,58E-14
ATP6V1C1	ENSG00000155097.11	20,915	13,925	0,554	9,24E-13
CCT2	ENSG00000166226.12	91,227	61,759	0,555	1,45E-37
GRPEL1	ENSG00000109519.12	26,52	17,729	0,555	3,58E-33
JAGN1	ENSG00000171135.12	34,051	22,864	0,555	2,44E-26
COG5	ENSG00000164597.13	21,915	14,6	0,555	2,13E-14
FAM189A1	ENSG00000104059.4	0,99	0,355	0,555	5,48E-14
CWH43	ENSG00000109182.11	25,58	17,088	0,555	5,59E-08
SEPT14P2	ENSG00000244528.1	3,6	2,13	0,555	9,08E-06
IGHV3-15	ENSG00000211943.2	1,755	0,875	0,555	0,0229
COQ7	ENSG00000167186.10	21,925	14,59	0,556	9,68E-28
PNKD	ENSG00000127838.13	160,279	108,706	0,556	1,02E-19
MAP9	ENSG00000164114.18	6,8	4,305	0,556	2,61E-16
MAD2L2	ENSG00000116670.14	36,349	24,41	0,556	2,3E-10

RP11-350J20.12	ENSG00000273132.1	0,47	0	0,556	3,89E-10
C9orf116	ENSG00000160345.12	7,595	4,845	0,556	6,35E-09
RP11-206M11.7	ENSG00000244468.1	0,97	0,34	0,556	1,52E-07
YIPF3	ENSG00000137207.11	154,498	104,727	0,557	1,02E-35
STIL	ENSG00000123473.15	1,655	0,805	0,557	1,6E-27
HMG20B	ENSG00000064961.18	164,056	111,175	0,557	1,09E-21
TSACC	ENSG00000163467.11	1,31	0,57	0,557	2,4E-21
DAD1	ENSG00000129562.10	230,519	156,367	0,557	4,42E-17
ISOC1	ENSG00000066583.11	20,23	13,43	0,557	1,49E-15
GPT2	ENSG00000166123.13	43,44	29,214	0,557	6,01E-14
TCEA1	ENSG00000187735.12	56,345	37,984	0,557	1,15E-13
C16orf59	ENSG00000162062.14	2,185	1,165	0,557	2,96E-13
GLOD4	ENSG00000167699.13	52,425	35,314	0,557	5,68E-11
TSSC1	ENSG00000032389.12	18,465	12,225	0,558	1,4E-32
KIAA0391	ENSG00000100890.15	15	9,865	0,558	1,13E-27
DCAF12	ENSG00000198876.12	20,515	13,61	0,558	8,93E-19
RP11-212P7.3	ENSG00000273184.1	0,73	0,175	0,558	6,74E-14
ATP5J2-PTCD1	ENSG00000248919.7	6,23	3,91	0,558	1,98E-11
APOA1BP	ENSG00000163382.11	124,206	83,983	0,559	1,04E-24
COPE	ENSG00000105669.12	233,333	158,007	0,559	1,5E-24
TMCC3	ENSG00000057704.10	8,48	5,435	0,559	1,72E-17
CAMK2N2	ENSG00000163888.3	0,9	0,29	0,559	8,54E-16
MTHFD2	ENSG00000065911.11	30,13	20,135	0,559	2,85E-13
WBSCR27	ENSG00000165171.10	10,47	6,785	0,559	1,86E-06
RP11-1C8.7	ENSG00000271830.1	1,18	0,48	0,559	0,0000401
HLA-DPB1	ENSG00000223865.10	108,861	73,569	0,559	0,0166
BSG	ENSG00000172270.18	571,911	387,512	0,56	1,27E-25
NME4	ENSG00000103202.12	330,658	223,967	0,56	2,16E-25
ZBTB33	ENSG00000177485.6	6,73	4,245	0,56	3,48E-25
DCAF6	ENSG00000143164.15	56,61	38,065	0,56	8,94E-25
RRBP1	ENSG00000125844.15	120,705	81,534	0,56	4,61E-16
CPNE4	ENSG00000196353.11	51,504	34,619	0,56	6,7E-16
HOXA10	ENSG00000253293.4	43,449	29,151	0,56	2,15E-15
CABP4	ENSG00000175544.13	3,21	1,855	0,56	5,84E-13
REXO2	ENSG00000076043.9	123,121	83,207	0,56	1,62E-08
LAMP1	ENSG00000185896.10	159,001	107,421	0,561	3,72E-21
L2HGDH	ENSG00000087299.11	3,235	1,87	0,561	7,01E-21
SCOC	ENSG00000153130.17	64,87	43,644	0,561	1,68E-20
BDH1	ENSG00000161267.11	41,281	27,659	0,561	2,07E-18
FAM174A	ENSG00000174132.8	26,199	17,44	0,561	1,48E-12
TMEM106C	ENSG00000134291.11	67,7	45,58	0,561	5,65E-11
C11orf58	ENSG00000110696.9	143,573	97,025	0,561	2,02E-07
PPP1R14BP3	ENSG00000179967.11	5,875	3,66	0,561	0,0000027
RP11-257O5.4	ENSG00000275710.1	0,475	0	0,561	0,00025
SPTLC2	ENSG00000100596.6	10,185	6,574	0,562	2,84E-28
DPY30	ENSG00000162961.13	93,795	63,19	0,562	1,42E-27

SLC25A39	ENSG00000013306.15	169,101	114,205	0,562	3,23E-21
RP11-314A20.1	ENSG00000213939.4	2,3	1,235	0,562	2,7E-20
LINC00467	ENSG00000153363.12	6,59	4,14	0,562	1,34E-19
LRR1Q1	ENSG00000133640.18	1,465	0,67	0,562	1,95E-17
HNRNPC	ENSG00000092199.17	422,599	285,678	0,563	7,65E-31
MAGED2	ENSG00000102316.16	275,736	186,366	0,563	8,04E-15
SKAP2	ENSG00000005020.12	9,61	6,18	0,563	1,66E-13
PTDSS1	ENSG00000156471.12	46,725	31,3	0,563	2,92E-11
PDAP1	ENSG00000106244.12	136,925	92,273	0,564	9,49E-16
NIFK	ENSG00000155438.11	35,395	23,6	0,565	1,33E-31
COX18	ENSG00000163626.16	9,62	6,18	0,565	1,73E-17
KLF16	ENSG00000129911.8	8,755	5,595	0,565	1,95E-13
PKIA	ENSG00000171033.12	8,98	5,745	0,565	2,75E-10
XYLB	ENSG00000093217.9	2,36	1,27	0,566	1,25E-29
LPCAT3	ENSG00000111684.10	71,694	48,1	0,566	1,9E-29
CLDN12	ENSG00000157224.15	23,455	15,519	0,566	1,63E-15
LIG3	ENSG00000005156.11	23,65	15,645	0,566	3,23E-13
SLC39A11	ENSG00000133195.11	11,21	7,25	0,566	1,3E-12
XXbac-BPG246D15.9	ENSG00000250264.1	1,08	0,405	0,566	0,0000446
SDHAF4	ENSG00000154079.5	12,835	8,34	0,567	2,23E-19
SDK2	ENSG00000069188.16	3,015	1,71	0,567	4,95E-16
MMAB	ENSG00000139428.11	63,175	42,324	0,567	1,08E-12
TMEM68	ENSG00000167904.14	12,675	8,23	0,567	2,03E-12
ANK3	ENSG00000151150.20	24,615	16,295	0,567	4,23E-12
DPM3	ENSG00000179085.7	153,782	103,514	0,567	7,32E-09
EIF2AK4	ENSG00000128829.11	37,47	24,95	0,568	3,83E-34
PEBP1	ENSG00000089220.4	360,498	242,778	0,568	3,3E-31
TIMM17B	ENSG00000126768.12	71,347	47,811	0,568	7,2E-26
TTK	ENSG00000112742.9	1,12	0,43	0,568	1,4E-21
TRMT112	ENSG00000173113.6	280,984	189,183	0,568	3,26E-20
ISX	ENSG00000175329.12	0,69	0,14	0,568	1,66E-14
RPS19	ENSG00000105372.6	3313,407	2235,372	0,568	6,85E-13
SWI5	ENSG00000175854.11	52,22	34,895	0,568	3,46E-12
LAMC2	ENSG00000058085.14	7,23	4,55	0,568	1,79E-09
NDUFC1	ENSG00000109390.11	111,167	74,63	0,569	2,19E-25
DPP3	ENSG00000254986.7	35,9	23,874	0,569	1,43E-23
RBM18	ENSG00000119446.13	14,245	9,275	0,569	2,82E-20
BUB1	ENSG00000169679.14	0,995	0,345	0,569	1,43E-15
UBE2SP1	ENSG00000233966.1	1,5	0,685	0,569	6,72E-15
PI4K2B	ENSG00000038210.12	10,095	6,48	0,569	8,15E-15
RAB11FIP4	ENSG00000131242.15	5,295	3,245	0,569	2,85E-14
GNAI1	ENSG00000127955.15	13,56	8,815	0,569	6,1E-13
C11orf71	ENSG00000180425.10	13,055	8,475	0,569	4,6E-12
PRR7	ENSG00000131188.11	2,435	1,315	0,569	2,03E-09
SPINK8	ENSG00000229453.2	0,795	0,21	0,569	5,13E-08
TXNDC11	ENSG00000153066.12	75,507	50,52	0,57	7,19E-27

FAM210B	ENSG00000124098.9	79,241	53,068	0,57	7,05E-23
TXNDC15	ENSG00000113621.14	63,597	42,505	0,57	3,56E-19
LINC00869	ENSG00000277147.4	22,605	14,9	0,57	3,66E-18
EIF1AX	ENSG00000173674.10	35,136	23,335	0,57	1,34E-17
RPL13AP25	ENSG00000136149.6	1,45	0,65	0,57	4,88E-16
HIST3H2BB	ENSG00000196890.4	1,22	0,495	0,57	4,03E-14
RPS15	ENSG00000115268.9	2379,758	1602,712	0,57	6,35E-14
HCAR1	ENSG00000196917.5	1,345	0,58	0,57	5,99E-09
SYNJ2BP	ENSG00000213463.4	15,22	9,92	0,571	1,86E-23
MACROD1	ENSG00000133315.10	46,41	30,925	0,571	3,59E-11
UQCC2	ENSG00000137288.9	102,227	68,455	0,572	5,34E-22
BCAT2	ENSG00000105552.14	70,749	47,271	0,572	5,47E-16
NAA50	ENSG00000121579.12	53,97	35,981	0,572	3,03E-13
GANAB	ENSG00000089597.16	176,771	118,52	0,573	1,94E-25
EMC7	ENSG00000134153.9	73,36	48,98	0,573	2,39E-24
CAPRIN1	ENSG00000135387.19	83,946	56,1	0,573	1,5E-23
RPL10	ENSG00000147403.16	5027,236	3379,044	0,573	1,16E-20
STAMBP	ENSG00000124356.15	42,15	28,01	0,573	1,45E-18
TLE1P1	ENSG00000228158.2	2,19	1,145	0,573	3,62E-15
APEX1	ENSG00000100823.11	133,065	89,034	0,574	1,4E-33
ABHD10	ENSG00000144827.8	25,225	16,62	0,574	3,94E-32
FUT1	ENSG00000174951.10	2,395	1,28	0,574	6,05E-25
MRPL54	ENSG00000183617.4	101,799	68,043	0,574	1,49E-16
PARD6A	ENSG00000102981.9	6,43	3,99	0,574	4,29E-16
PARK7	ENSG00000116288.12	424,846	284,847	0,575	5,29E-32
PRELID1P1	ENSG00000217325.2	0,81	0,215	0,575	6,72E-28
PSMD14	ENSG00000115233.11	30,789	20,345	0,575	1,09E-22
RPL7	ENSG00000147604.13	2470,007	1657,852	0,575	1,5E-16
NDNL2	ENSG00000185115.4	16,125	10,5	0,575	1,45E-11
CTD-3060P21.1	ENSG00000262884.1	1,02	0,355	0,576	1,76E-25
MTHFD2L	ENSG00000163738.18	16,765	10,92	0,576	2,58E-22
NDUFB11	ENSG00000147123.10	118,985	79,511	0,576	3,94E-22
CKMT1A	ENSG00000223572.9	8,99	5,7	0,576	1,06E-06
ZNF277	ENSG00000198839.9	15,945	10,36	0,577	1,61E-26
KPNB1	ENSG00000108424.9	95,447	63,661	0,577	9,14E-22
COBL	ENSG00000106078.17	19,68	12,86	0,577	4,2E-21
ESRRG	ENSG00000196482.16	2,64	1,44	0,577	9,88E-17
UQCRQ	ENSG00000164405.10	479,586	321,248	0,577	6,32E-16
HIST1H2AI	ENSG00000196747.4	0,745	0,17	0,577	2,24E-15
TST	ENSG00000128311.13	50,061	33,233	0,577	5,13E-15
UCHL5	ENSG00000116750.13	18,47	12,055	0,577	2,11E-14
HSH2D	ENSG00000196684.12	12,765	8,225	0,577	4,56E-13
PA2G4	ENSG00000170515.13	80,506	53,591	0,578	1,82E-32
YIPF4	ENSG00000119820.10	24,385	16,005	0,578	2,8E-24
PKP3	ENSG00000184363.9	36,279	23,98	0,578	4,24E-22
TREX1	ENSG00000213689.9	60,335	40,079	0,578	5,43E-20

PDXDC1	ENSG00000179889.18	109,178	72,786	0,578	6,25E-18
CHRM1	ENSG00000168539.3	33,335	22,005	0,578	3,81E-15
ACTR2	ENSG00000138071.13	58,62	38,934	0,578	9,52E-15
ZDHHC20	ENSG00000180776.15	21,31	13,945	0,578	6,35E-13
CRAT	ENSG00000095321.16	73,531	48,91	0,578	4,55E-12
CHRM3	ENSG00000133019.11	1,725	0,825	0,578	6,96E-10
IMP3	ENSG00000177971.8	67,829	45,071	0,579	2,02E-35
GEMIN6	ENSG00000152147.10	9,14	5,79	0,579	1,14E-32
C1QBP	ENSG00000108561.8	106,17	70,739	0,579	1,54E-24
HADHA	ENSG00000084754.10	104,325	69,502	0,579	4,99E-23
ATXN7L3B	ENSG00000253719.3	25,129	16,494	0,579	1E-20
RPS7P10	ENSG00000226525.5	2,345	1,24	0,579	1,8E-14
IGHV3-7	ENSG00000211938.2	1,42	0,62	0,579	0,00989
COA4	ENSG00000181924.6	79,321	52,744	0,58	1,12E-39
TCEAL8	ENSG00000180964.16	65,514	43,51	0,58	6,09E-21
RP11-567113.1	ENSG00000255351.1	0,57	0,05	0,58	5,12E-19
C3orf80	ENSG00000180044.4	1,1	0,405	0,58	8,31E-18
XXbac-BPG252P9.10	ENSG00000272273.1	1,9	0,94	0,58	6,71E-09
INSIG1	ENSG00000186480.12	27,365	17,97	0,58	0,00013
MESDC2	ENSG00000117899.10	24,565	16,09	0,581	2,56E-23
TRMT10A	ENSG00000145331.13	4,64	2,77	0,581	1,24E-21
UGGT1	ENSG00000136731.12	12,345	7,92	0,581	3,51E-21
MRPS26	ENSG00000125901.5	85,718	56,99	0,581	7,18E-19
PPDPF	ENSG00000125534.9	783,233	523,12	0,581	3,89E-10
MRPL40	ENSG00000185608.8	50,716	33,555	0,582	8,02E-34
PTPMT1	ENSG00000110536.13	63,986	42,426	0,582	3,32E-33
CCT4	ENSG00000115484.14	89,473	59,43	0,582	2,2E-32
CHCHD5	ENSG00000125611.15	47,359	31,314	0,582	1,06E-16
RP11-289110.2	ENSG00000223612.3	3,065	1,715	0,582	6,01E-09
SP5	ENSG00000204335.3	3,325	1,89	0,582	8,43E-08
MRPL48	ENSG00000175581.13	41,201	27,165	0,583	4,5E-28
RPL4	ENSG00000174444.14	2833,068	1891,02	0,583	2,02E-24
PMS2P1	ENSG00000078319.8	7,005	4,345	0,583	2,32E-22
ZNF626	ENSG00000188171.14	7,305	4,545	0,583	1,24E-15
PRIM2	ENSG00000146143.17	19,445	12,645	0,583	0,00139
CCDC51	ENSG00000164051.13	12,24	7,835	0,584	1,23E-27
MCUR1	ENSG00000050393.11	11,935	7,63	0,584	8,28E-27
VDAC1	ENSG00000213585.10	134,811	89,582	0,584	7,44E-26
RPL23	ENSG00000125691.12	2299,093	1533,539	0,584	7,77E-26
DMRTA1	ENSG00000176399.3	1,855	0,905	0,584	1,98E-19
RPS6	ENSG00000137154.12	3521,195	2349,111	0,584	2,89E-19
GALNT11	ENSG00000178234.12	38,166	25,135	0,584	1,11E-15
ATP5I	ENSG00000169020.9	499,035	332,52	0,584	6,71E-15
CH507-9B2.3	ENSG00000280071.3	88,189	58,5	0,584	3,91E-12
RPPH1	ENSG00000277209.1	7,56	4,709	0,584	0,00208
IGHV4-39	ENSG00000211959.2	1,6	0,735	0,584	0,0264

C7orf73	ENSG00000243317.7	31,965	20,97	0,585	2,51E-32
CLSTN1	ENSG00000171603.16	159,924	106,303	0,585	1,78E-29
RP11-67L3.5	ENSG00000242396.1	1,07	0,38	0,585	1,01E-25
CCDC43	ENSG00000180329.13	13,785	8,855	0,585	2,41E-24
DLGAP5	ENSG00000126787.12	0,695	0,13	0,585	8,58E-20
AC125238.3	ENSG00000233031.1	0,5	0	0,585	0,0000037
PKN1	ENSG00000123143.12	86,78	57,473	0,586	2,17E-21
RABIF	ENSG00000183155.4	7,32	4,54	0,587	3,05E-40
MTX1	ENSG00000173171.14	50,89	33,534	0,587	1,08E-28
DHFRL1	ENSG00000178700.7	4,67	2,775	0,587	2,78E-20
SDHC	ENSG00000143252.14	152,772	101,359	0,587	5,55E-16
RNF187	ENSG00000168159.10	74,79	49,435	0,588	6,16E-33
RP11-259N19.1	ENSG00000272711.1	1,12	0,41	0,588	7,21E-30
TCEB2	ENSG00000103363.14	374,182	248,662	0,588	1,34E-15
PHB	ENSG00000167085.11	129,691	85,879	0,589	2,26E-26
SLC52A2	ENSG00000185803.8	36,525	23,95	0,589	1,32E-20
GRN	ENSG00000030582.16	216,046	143,334	0,589	7,44E-14
DCK	ENSG00000156136.9	8,82	5,53	0,589	1,48E-13
THAP4	ENSG00000176946.11	79,154	52,245	0,59	7,08E-23
NCK1-AS1	ENSG00000239213.5	4,525	2,67	0,59	4,87E-22
DNAJC14	ENSG00000135392.15	20,035	12,975	0,59	3,37E-12
GSPT2	ENSG00000189369.8	6,675	4,1	0,59	2,76E-10
SCARB1	ENSG00000073060.15	37,69	24,68	0,591	3,02E-26
BCL9	ENSG00000116128.9	15,49	9,945	0,591	9,5E-20
PCDHB11	ENSG00000197479.6	1,44	0,62	0,591	3,79E-16
FOXN3-AS1	ENSG00000258920.1	4,53	2,67	0,591	2,19E-13
ATP5E	ENSG00000124172.9	73,16	48,25	0,591	5,62E-11
CLPTM1L	ENSG00000049656.13	108,71	71,791	0,592	7,7E-34
CLPB	ENSG00000162129.12	6,995	4,305	0,592	9,7E-30
MLEC	ENSG00000110917.7	91,16	60,139	0,592	9,53E-26
COPA	ENSG00000122218.14	73,355	48,341	0,592	7,46E-18
PITPNA-AS1	ENSG00000236618.2	18,245	11,77	0,592	1,06E-16
CTBP1-AS2	ENSG00000196810.4	10,93	6,915	0,592	1,06E-12
CCNG1	ENSG00000113328.18	115,804	76,441	0,593	7,14E-32
NPTXR	ENSG00000221890.2	12,82	8,16	0,593	8,07E-23
PPAP2A	ENSG00000067113.16	399,554	264,632	0,593	4,18E-17
DCTPP1	ENSG00000179958.8	39,439	25,809	0,593	1,12E-15
PLS1	ENSG00000120756.12	2,425	1,27	0,593	2,93E-14
GGPS1	ENSG00000152904.11	41,409	27,095	0,594	6,46E-32
FAM222A-AS1	ENSG00000255650.5	0,69	0,12	0,594	7,67E-27
RNF5	ENSG00000204308.7	76,074	50,059	0,594	2,99E-23
TLK1	ENSG00000198586.13	21,36	13,81	0,594	1,43E-18
RNU6ATAC35P	ENSG00000221571.3	1,325	0,54	0,594	2,1E-15
NDUFB5	ENSG00000136521.12	79,972	52,594	0,595	2,02E-30
EIF2S3	ENSG00000130741.10	83,374	54,856	0,595	7,41E-27
RP4-533D7.5	ENSG00000227857.2	0,79	0,185	0,595	3,9E-18

COX17	ENSG00000138495.6	98,615	64,94	0,595	3,32E-13
RP11-473M20.11	ENSG00000263011.1	1,1	0,39	0,595	2,23E-09
GPC5-AS1	ENSG00000235984.5	0,51	0	0,595	5,04E-08
NIPAL1	ENSG00000163293.11	2,77	1,495	0,596	4,72E-18
PCYOX1	ENSG00000116005.11	31,15	20,265	0,596	1,24E-16
CDH7	ENSG00000081138.13	1,025	0,34	0,596	1,19E-12
PRPF6	ENSG00000101161.7	61,082	40,034	0,597	1,17E-31
JUP	ENSG00000173801.16	118,52	78,023	0,597	7,9E-26
CTC-512J14.5	ENSG00000248569.1	0,8	0,19	0,597	9,16E-23
SRD5A1	ENSG00000145545.11	4,43	2,59	0,597	4,85E-21
HIST1H2BN	ENSG00000233822.4	1,92	0,93	0,597	1,18E-19
TSTA3	ENSG00000104522.15	115,235	75,774	0,598	1,11E-16
PUS3	ENSG00000110060.8	10,715	6,735	0,599	3,61E-43
RITA1	ENSG00000139405.15	17,92	11,49	0,599	1,91E-41
GCSHP5	ENSG00000224837.1	20,43	13,15	0,599	1,34E-23
CCT8	ENSG00000156261.12	114,88	75,444	0,6	8,82E-39
MRPL45	ENSG00000278845.4	31,505	20,449	0,6	5,12E-29
DIRC2	ENSG00000138463.8	11,63	7,334	0,6	3,54E-19
ANAPC11	ENSG00000141552.17	185,021	121,603	0,601	2,26E-20
NOP16	ENSG00000048162.19	23,09	14,88	0,601	1,05E-15
TRUB1	ENSG00000165832.5	9,37	5,835	0,601	2,12E-15
MAOA	ENSG00000189221.9	85,383	55,941	0,601	3,87E-14
MCOLN2	ENSG00000153898.12	2,025	0,995	0,601	2,77E-12
RP11-676M6.1	ENSG00000254612.2	2,08	1,03	0,601	6,08E-08
GTF2A2	ENSG00000140307.10	116,925	76,709	0,602	1,07E-21
EVPL	ENSG00000167880.7	12,78	8,08	0,602	3,41E-20
PEX12	ENSG00000108733.9	6,185	3,735	0,602	8,78E-20
BUB1B	ENSG00000156970.12	1,3	0,515	0,602	7,25E-19
ATG101	ENSG00000123395.14	49,629	32,349	0,602	5,02E-14
SLC39A8	ENSG00000138821.12	9,735	6,075	0,602	2,93E-13
OTUB2	ENSG00000089723.9	1,385	0,57	0,603	1,48E-46
FNBP1L	ENSG00000137942.16	23,54	15,155	0,603	2,65E-21
BAX	ENSG00000087088.19	98,458	64,473	0,603	5E-18
CH17-340M24.3	ENSG00000197180.2	18,345	11,735	0,603	3,79E-15
CERS1	ENSG00000223802.7	1,87	0,89	0,603	2,22E-10
WNT7B	ENSG00000188064.9	6,275	3,79	0,603	4,01E-07
C14orf166	ENSG00000087302.8	205,935	135,147	0,604	6,94E-48
TMED4	ENSG00000158604.14	92,928	60,814	0,604	1,1E-26
AC009014.3	ENSG00000271824.1	0,87	0,23	0,604	2,99E-14
NDRG1	ENSG00000104419.14	524,245	344,64	0,604	2,84E-11
FECH	ENSG00000066926.10	18,094	11,565	0,604	4,24E-08
AC007283.5	ENSG00000234431.2	2,51	1,31	0,604	0,000617
BRCC3	ENSG00000185515.14	14,34	9,085	0,605	5,35E-24
CDK7	ENSG00000134058.10	24,12	15,51	0,605	4,02E-22
ALG2	ENSG00000119523.9	37,864	24,551	0,605	4,23E-19
LGALS1	ENSG00000119862.12	13,645	8,63	0,605	1,05E-18

ZNF22	ENSG00000165512.4	21,55	13,825	0,605	1,64E-17
HIST1H2BG	ENSG00000273802.1	19,925	12,759	0,605	2,66E-06
CINP	ENSG00000100865.14	34,195	22,125	0,606	1,12E-36
PDP1	ENSG00000164951.15	8,185	5,035	0,606	2,92E-16
ZNF610	ENSG00000167554.14	5,475	3,25	0,607	9,53E-26
TSPAN6	ENSG00000000003.14	33,516	21,66	0,607	3,37E-16
RPL13AP7	ENSG00000213885.3	1,72	0,785	0,608	5,47E-22
ECI1	ENSG00000167969.12	103,367	67,489	0,608	2,31E-20
LSM8	ENSG00000128534.7	36,82	23,821	0,608	7,97E-18
NEO1	ENSG00000067141.16	38,039	24,62	0,608	3,63E-16
ACAT2	ENSG00000120437.8	24,535	15,749	0,608	1,71E-11
RP1-228H13.5	ENSG00000260920.2	1,38	0,56	0,609	5,6E-59
SPRYD4	ENSG00000176422.12	14,01	8,84	0,609	3,72E-34
MRPL36	ENSG00000171421.12	74,806	48,706	0,609	2,9E-33
STX17-AS1	ENSG00000255145.2	3,59	2,01	0,609	3,99E-23
RRM1	ENSG00000167325.14	23,69	15,185	0,609	1,85E-22
TMEM191A	ENSG00000226287.7	9,82	6,095	0,609	2,25E-16
RGMB-AS1	ENSG00000246763.6	9,875	6,13	0,609	6,9E-13
TOMM7	ENSG00000196683.10	667,349	437,305	0,609	2,02E-12
SLC26A4	ENSG00000091137.11	2,715	1,435	0,609	0,0000861
HLA-DQB2	ENSG00000232629.8	2,66	1,4	0,609	0,000173
WDR89	ENSG00000140006.11	6,645	4,01	0,61	5,03E-33
GRHPR	ENSG00000137106.17	120,86	78,85	0,61	2,38E-29
ANKEF1	ENSG00000132623.15	2,51	1,3	0,61	6,24E-28
RP4-592A1.2	ENSG00000185839.3	1,815	0,845	0,61	6,24E-28
TSG101	ENSG00000074319.12	68,024	44,235	0,61	2,05E-22
SLIRP	ENSG00000119705.9	152,878	99,787	0,61	4,55E-21
IRX2	ENSG00000170561.12	6,275	3,765	0,61	5,07E-21
TMEM134	ENSG00000172663.8	161,988	105,785	0,61	8,88E-19
ZNF385B	ENSG00000144331.18	7,999	4,895	0,61	1,65E-07
ALG8	ENSG00000159063.12	42,25	27,311	0,611	3,86E-43
CXXC5	ENSG00000171604.11	28,081	18,045	0,611	1,08E-22
PDCL	ENSG00000136940.13	10,61	6,6	0,611	1,64E-20
FAM171A1	ENSG00000148468.16	19,23	12,245	0,611	8,01E-17
CIB1	ENSG00000185043.10	196,719	128,421	0,611	1,02E-15
RPS11	ENSG00000142534.6	4106,66	2687,035	0,612	3,8E-25
SERPINB6	ENSG00000124570.17	245,469	160,284	0,612	4,62E-18
APOO	ENSG00000184831.13	25,935	16,615	0,613	1,69E-31
ARF1	ENSG00000143761.13	452,523	295,588	0,613	4,1E-31
SHROOM2	ENSG00000146950.12	7,635	4,645	0,613	1,28E-28
TUBB	ENSG00000196230.12	230,415	150,335	0,613	5,64E-27
FBXW9	ENSG00000132004.12	12,67	7,94	0,613	7,69E-22
RPL30	ENSG00000156482.10	2859,108	1868,739	0,613	9,02E-18
SFXN4	ENSG00000183605.16	36,584	23,565	0,614	7,37E-24
RNF139	ENSG00000170881.4	17,5	11,09	0,614	5,62E-20
GBA	ENSG00000177628.15	43,516	28,084	0,614	3,95E-19

RGS17	ENSG00000091844.7	2,36	1,195	0,614	1,83E-15
C9orf64	ENSG00000165118.14	9,36	5,77	0,614	1,08E-14
MPND	ENSG00000008382.15	33,079	21,245	0,615	1,12E-32
BCCIP	ENSG00000107949.16	58,12	37,6	0,615	9,1E-32
SAC3D1	ENSG00000168061.13	12,335	7,705	0,615	5,65E-26
BCL2L13	ENSG00000099968.17	29,516	18,92	0,615	1,57E-24
AC012065.1	ENSG00000279307.1	1,52	0,645	0,615	2,9E-22
PRRT3	ENSG00000163704.11	4,905	2,855	0,615	2,35E-21
COPG2	ENSG00000158623.14	14,325	9,005	0,615	4,62E-15
MARCKS	ENSG00000277443.1	44,79	28,894	0,615	2,44E-14
PABPC1L2A	ENSG00000186288.5	3,915	2,21	0,615	2,52E-13
SLC39A4	ENSG00000147804.9	33,405	21,47	0,615	0,0000112
RNF20	ENSG00000155827.11	22,265	14,18	0,616	2,89E-19
THRB	ENSG00000151090.17	8,55	5,23	0,616	4,06E-11
SCIN	ENSG00000006747.14	5,185	3,035	0,616	2,66E-06
C15orf61	ENSG00000189227.5	4,79	2,775	0,617	9,34E-33
SNX10	ENSG00000086300.15	3,11	1,68	0,617	2,18E-17
RP11-363E6.3	ENSG00000254027.1	0,81	0,18	0,617	2,57E-17
RPLP1	ENSG00000137818.11	2958,089	1928,949	0,617	1,37E-13
MMP15	ENSG00000102996.4	7,695	4,67	0,617	2,74E-13
ACTR3	ENSG00000115091.11	64,13	41,455	0,617	2,27E-07
HIST1H3D	ENSG00000197409.7	6,9	4,15	0,617	0,000189
CLPP	ENSG00000125656.8	81,574	52,806	0,618	1,59E-34
ADGRV1	ENSG00000164199.15	2,2	1,085	0,618	9,1E-24
THOC3	ENSG00000051596.9	25,51	16,274	0,618	8,62E-16
NCL	ENSG00000115053.15	275,583	179,115	0,619	6,61E-31
TAX1BP1	ENSG00000106052.13	79,475	51,385	0,619	7,22E-19
RPLP2	ENSG00000177600.8	1691,983	1101,229	0,619	4,54E-14
SLC23A1	ENSG00000170482.16	6,51	3,89	0,619	7,8E-08
TRMT12	ENSG00000183665.5	9,465	5,81	0,62	4,51E-27
GGACT	ENSG00000134864.10	5,17	3,015	0,62	2,57E-23
RPL19	ENSG00000108298.9	2870,924	1865,956	0,621	2,49E-29
SHTN1	ENSG00000187164.17	19,045	12,035	0,621	1,04E-20
PPM1A	ENSG00000100614.17	44,976	28,894	0,621	2,99E-20
SLC10A7	ENSG00000120519.14	6,715	4,015	0,621	4,29E-16
SLC6A14	ENSG00000268104.2	1,36	0,535	0,621	8,62E-07
LRIF1	ENSG00000121931.15	9,57	5,87	0,622	3,65E-24
GLRX2	ENSG00000023572.8	28,484	18,159	0,622	6,32E-18
YRDC	ENSG00000196449.3	14,3	8,935	0,623	4,6E-31
PDIK1L	ENSG00000175087.9	4,475	2,555	0,623	2,03E-26
NCEH1	ENSG00000144959.9	5,715	3,36	0,623	2,02E-14
RP4-635E18.6	ENSG00000230337.1	1,35	0,525	0,624	2,28E-31
EPN3	ENSG00000049283.17	38,764	24,795	0,624	4,51E-23
RPL11	ENSG00000142676.12	2822,777	1831,74	0,624	3,46E-21
MRPS36	ENSG00000134056.11	32,754	20,895	0,624	2E-18
AGTRAP	ENSG00000177674.15	146,032	94,408	0,624	3,79E-18

MAP2K1	ENSG00000169032.9	41,469	26,55	0,624	1,2E-17
PBK	ENSG00000168078.9	0,85	0,2	0,624	2,83E-16
MZT2B	ENSG00000152082.13	316,08	204,81	0,624	7,74E-09
HIST1H1PS1	ENSG00000216331.1	4,585	2,625	0,624	0,000118
MTX2	ENSG00000128654.13	38,645	24,7	0,625	1,52E-21
RP11-81K13.1	ENSG00000257434.1	1,39	0,55	0,625	1,8E-11
MTFP1	ENSG00000242114.5	22,88	14,48	0,625	4,89E-11
EPRS	ENSG00000136628.17	43,73	27,985	0,626	3,07E-42
CDK4	ENSG00000135446.16	90,685	58,393	0,626	1,91E-27
KLHL23	ENSG00000213160.9	10,335	6,345	0,626	7,25E-27
ARFGAP3	ENSG00000242247.10	82,669	53,215	0,626	5,72E-23
RP11-597D13.9	ENSG00000248429.5	6,26	3,704	0,626	2,68E-15
TIGD6	ENSG00000164296.6	12,555	7,775	0,627	6,41E-31
ERVMER34-1	ENSG00000226887.7	1	0,295	0,627	2,4E-23
PAFAH2	ENSG00000158006.13	10,36	6,355	0,627	3,54E-22
SHROOM3	ENSG00000138771.14	17,92	11,255	0,627	5,66E-21
YWHAZP4	ENSG00000213131.3	1,37	0,535	0,627	2,12E-18
BPNT1	ENSG00000162813.17	14,27	8,89	0,627	9,87E-16
RP11-423H2.3	ENSG00000249684.5	15,535	9,71	0,627	1,67E-07
TTLL1	ENSG00000100271.16	9,935	6,075	0,628	1,68E-36
GCC1	ENSG00000179562.2	9,53	5,815	0,628	3,67E-25
ATP5F1	ENSG00000116459.10	217,353	140,336	0,628	9,91E-19
CENPA	ENSG00000115163.14	0,94	0,255	0,628	9,27E-16
ARHGEF38-IT1	ENSG00000249885.1	1,92	0,89	0,628	9,98E-06
RIMKLA	ENSG00000177181.14	1,35	0,52	0,629	3,21E-47
RPS6KC1	ENSG00000136643.11	15,21	9,484	0,629	3,39E-14
MLLT4-AS1	ENSG00000198221.8	2,85	1,49	0,629	1,82E-10
SMIM1	ENSG00000235169.7	12,435	7,69	0,629	8,75E-08
NHP2L1	ENSG00000100138.13	134,447	86,515	0,63	1,88E-42
CCT5	ENSG00000150753.11	113,373	72,889	0,63	6,4E-32
PDE3B	ENSG00000152270.8	9,21	5,6	0,63	2,39E-22
COX6B1	ENSG00000126267.8	352,638	227,409	0,631	9,59E-28
NECAB3	ENSG00000125967.16	72,524	46,484	0,631	4,23E-27
CYFIP1	ENSG00000273749.4	55,579	35,545	0,631	4,19E-22
MAP3K13	ENSG00000073803.13	28,59	18,11	0,631	8,24E-21
RP11-810K23.10	ENSG00000261554.1	0,735	0,12	0,631	1,03E-08
IPO4	ENSG00000196497.15	24,88	15,695	0,632	7,94E-22
GM2A	ENSG00000196743.8	23,23	14,63	0,632	6,41E-21
RETSAT	ENSG00000042445.13	42,445	27,025	0,632	2,8E-14
KBTBD11	ENSG00000176595.3	4,91	2,815	0,632	3,51E-13
TROAP	ENSG00000135451.12	1,705	0,745	0,632	3,76E-08
AC104534.3	ENSG00000268083.5	0,55	0	0,632	0,000332
CETN3	ENSG00000153140.8	25,69	16,21	0,633	3,77E-13
RFT1	ENSG00000163933.9	14,19	8,785	0,634	2,89E-35
SEPHS2	ENSG00000179918.16	40,774	25,918	0,634	6,12E-24
PMVK	ENSG00000163344.5	55,79	35,605	0,634	2,11E-18

IMPACT	ENSG00000154059.9	16,04	9,97	0,635	3,97E-24
TMEM187	ENSG00000177854.7	12,285	7,555	0,635	1,4E-19
FAT1	ENSG00000083857.13	68,204	43,549	0,635	6,23E-14
RP11-293A21.1	ENSG00000240005.5	4,815	2,745	0,635	6,43E-09
SRP72	ENSG00000174780.15	49,189	31,3	0,636	1,9E-23
STYK1	ENSG00000060140.8	11,15	6,82	0,636	2,68E-20
TC2N	ENSG00000165929.12	30,955	19,565	0,636	2,55E-17
TMEM98	ENSG00000006042.11	101,142	64,708	0,636	6,7E-17
EGF	ENSG00000138798.11	2,815	1,455	0,636	2,21E-14
CENPU	ENSG00000151725.11	3,725	2,04	0,636	4,08E-14
RPP40	ENSG00000124787.13	6,55	3,855	0,637	5,76E-32
CUTA	ENSG00000112514.15	305,62	196,106	0,637	2,5E-31
FAHD1	ENSG00000180185.11	17,785	11,078	0,637	6,56E-30
PGAM5	ENSG00000247077.6	18,395	11,475	0,637	1E-28
RPS8	ENSG00000142937.11	2643,896	1699,211	0,637	5,12E-26
CLNS1A	ENSG00000074201.8	87,887	56,17	0,637	4,32E-23
SLC25A15	ENSG00000102743.14	3,2	1,7	0,637	6,8E-23
RP11-650L12.2	ENSG00000261762.1	0,975	0,27	0,637	1,76E-21
FBXO22	ENSG00000167196.13	17,22	10,72	0,637	3,82E-21
KPNA2	ENSG00000182481.8	14,045	8,675	0,637	2,03E-20
MRPL53	ENSG00000204822.6	107,555	68,804	0,637	2,47E-15
COMMD3-BMI1	ENSG00000269897.5	18,66	11,639	0,637	6,77E-10
EIF3M	ENSG00000149100.12	239,411	153,526	0,638	3,55E-38
AFTPH	ENSG00000119844.14	47,831	30,379	0,638	6,21E-29
CEBPA-AS1	ENSG00000267296.2	5,915	3,445	0,638	4,42E-20
UBE2T	ENSG00000077152.9	4,915	2,8	0,638	1,34E-12
PDZD11	ENSG00000120509.10	51,064	32,43	0,639	1,86E-33
TSMF	ENSG00000123297.16	28,62	18,02	0,639	3,35E-32
STRBP	ENSG00000165209.18	16,345	10,14	0,639	5,86E-29
SERBP1	ENSG00000142864.14	119,365	76,298	0,639	7,52E-27
TPMT	ENSG00000137364.4	13,625	8,39	0,639	1,18E-25
DTX3L	ENSG00000163840.9	16,48	10,225	0,639	5,39E-25
SUV39H2	ENSG00000152455.15	6,505	3,82	0,639	3,53E-22
CTB-107G13.1	ENSG00000234715.1	0,915	0,23	0,639	1,3E-17
CBR3-AS1	ENSG00000236830.6	27,86	17,538	0,639	4,15E-17
NCAPH	ENSG00000121152.9	1,18	0,4	0,639	3,13E-15
AZIN1	ENSG00000155096.13	51,301	32,574	0,639	7,95E-13
SARAF	ENSG00000133872.13	258,477	165,65	0,639	6,17E-12
TBC1D9	ENSG00000109436.7	14,995	9,27	0,639	1,38E-11
SLC12A5	ENSG00000124140.12	2,13	1,01	0,639	1,03E-10
COA6	ENSG00000168275.14	41,429	26,235	0,64	1,92E-23
TMEM210	ENSG00000185863.7	1,415	0,55	0,64	2,33E-19
SS18L2	ENSG00000008324.10	47,804	30,309	0,64	3,44E-15
SLCO1A2	ENSG00000084453.16	0,675	0,075	0,64	1,77E-10
MRPL30	ENSG00000185414.19	20,1	12,53	0,641	1,46E-34
NDUFAF3	ENSG00000178057.14	137,576	87,854	0,641	4,56E-29

AP003774.4	ENSG00000181908.5	0,965	0,26	0,641	2,79E-20
CDC6	ENSG00000094804.9	1,495	0,6	0,641	1,08E-18
SMIM4	ENSG00000168273.7	55,176	35,001	0,642	7,6E-13
SLC36A1	ENSG00000123643.12	9,855	5,955	0,642	1,79E-07
U91328.21	ENSG00000272558.1	0,56	0	0,642	0,00382
TMC4	ENSG00000167608.11	97,183	61,87	0,643	1,19E-25
TRPV6	ENSG00000165125.17	70,199	44,583	0,643	3,26E-15
ZNF649	ENSG00000198093.10	12,985	7,955	0,643	2,24E-10
DAPK1	ENSG00000196730.12	9,905	5,985	0,643	6,49E-09
F12	ENSG00000131187.9	2,405	1,18	0,643	8,42E-08
PSMB7	ENSG00000136930.12	165,432	105,473	0,644	1,81E-48
AIG1	ENSG00000146416.16	41,066	25,915	0,644	5,53E-32
RPL31	ENSG00000071082.10	3883,387	2484,947	0,644	1,14E-21
HNRNPA1P10	ENSG00000214223.4	5,07	2,885	0,644	9,33E-18
ITPR2	ENSG00000123104.11	5,565	3,2	0,644	2,83E-15
ACBD3	ENSG00000182827.8	23,095	14,42	0,644	1,4E-14
AURKB	ENSG00000178999.12	1,89	0,85	0,644	9,1E-10
AC016739.2	ENSG00000218175.2	25,62	16,04	0,644	1,17E-07
PMM2	ENSG00000140650.11	27,185	17,025	0,645	1,71E-28
ADI1	ENSG00000182551.13	135,499	86,285	0,645	2,23E-28
MRPL13	ENSG00000172172.7	35,605	22,41	0,645	1,76E-23
DNAJB11	ENSG00000090520.10	114,277	72,665	0,646	2,96E-37
SAMD10	ENSG00000130590.13	10,005	6,035	0,646	6,4E-32
ATP6V1F	ENSG00000128524.4	182,955	116,581	0,646	2,62E-30
PSENE1	ENSG00000205155.7	95,51	60,696	0,646	4,15E-28
ACSS1	ENSG00000154930.14	49,574	31,325	0,646	1,49E-27
KLHL8	ENSG00000145332.13	6,04	3,5	0,646	1,99E-24
IL411	ENSG00000104951.15	1,465	0,575	0,646	1,33E-09
SNHG4	ENSG00000281398.2	4,46	2,49	0,646	3,96E-09
HNRNPUL2-BSCL2	ENSG00000234857.2	18,54	11,49	0,646	1,93E-06
CDKN2AIPNL	ENSG00000237190.3	24,515	15,29	0,647	7,4E-38
MAPKAPK3	ENSG00000114738.10	32,65	20,495	0,647	1,51E-29
SFT2D1	ENSG00000198818.9	68,187	43,179	0,647	1,09E-23
TRIP13	ENSG00000071539.13	1,685	0,715	0,647	1,7E-20
ABHD12	ENSG00000100997.18	63,089	39,935	0,647	4,31E-20
PPAPDC1B	ENSG00000147535.16	155,712	99,088	0,647	1,63E-14
PRKACB	ENSG00000142875.19	22,03	13,709	0,647	1,62E-13
PRKAG2-AS1	ENSG00000239911.2	10,69	6,465	0,647	2,11E-11
KDF1	ENSG00000175707.8	15,675	9,645	0,648	7,1E-40
CHP1	ENSG00000187446.11	48,341	30,479	0,648	1,21E-23
TMEM8A	ENSG00000129925.10	69,444	43,966	0,648	2,28E-23
XBP1	ENSG00000100219.16	465,148	296,44	0,648	4,4E-23
PGD	ENSG00000142657.20	61,23	38,704	0,648	1,4E-22
C11orf52	ENSG00000149300.9	32,115	20,133	0,648	1,52E-22
RASEF	ENSG00000165105.9	14,56	8,93	0,648	2,05E-20
SLC5A1	ENSG00000100170.9	4,54	2,535	0,648	9,59E-08

ROMO1	ENSG00000125995.15	236,803	150,622	0,649	6,87E-16
SQLE	ENSG00000104549.11	18,82	11,64	0,649	5,62E-10
SNAP29	ENSG00000099940.11	19,755	12,225	0,65	2,19E-38
FTCDNL1	ENSG00000226124.6	2,02	0,925	0,65	3,48E-25
SLC27A5	ENSG00000083807.9	21,275	13,195	0,65	9,13E-13
TRBV20-1	ENSG00000211747.3	1,11	0,345	0,65	3,63E-08
SRP9P1	ENSG00000180581.7	11,48	6,951	0,65	0,0000171
SEC16A	ENSG00000148396.18	89,98	56,928	0,651	2,6E-39
FRK	ENSG00000111816.7	2,14	1	0,651	8,05E-25
AC005618.8	ENSG00000280026.1	0,68	0,07	0,651	4,36E-23
HMG1P7	ENSG00000239614.1	0,57	0	0,651	1,63E-18
PLGRKT	ENSG00000107020.9	25,491	15,875	0,651	1,64E-12
RAMP1	ENSG00000132329.10	224,589	142,645	0,651	0,0000169
MRPS24	ENSG00000062582.13	143,022	90,675	0,652	6,05E-34
FAM98B	ENSG00000171262.11	11,32	6,84	0,652	7,06E-27
BSPRY	ENSG00000119411.10	10,505	6,32	0,652	1,09E-26
SGPL1	ENSG00000166224.16	24,475	15,21	0,652	1,05E-21
STK39	ENSG00000198648.10	43,06	27,039	0,652	4,7E-18
ADK	ENSG00000156110.13	20,145	12,455	0,652	6,88E-15
SCHLAP1	ENSG00000281131.1	0,925	0,225	0,652	7,28E-12
SERF2	ENSG00000140264.19	1673,438	1063,643	0,653	3,53E-25
NFIX	ENSG00000008441.16	107,641	68,105	0,653	8,73E-14
HIST1H2AD	ENSG00000196866.2	5,515	3,144	0,653	2,65E-07
BYSL	ENSG00000112578.9	17,335	10,65	0,654	1,63E-45
PLEKHB2	ENSG00000115762.16	43,37	27,2	0,654	1,06E-19
RPS29	ENSG00000213741.8	3753,575	2385,125	0,654	1,76E-18
CTD-2561J22.5	ENSG00000268119.5	2,005	0,91	0,654	8,44E-17
PHOSPHO2	ENSG00000144362.11	10,595	6,37	0,654	1,37E-16
AC007318.5	ENSG00000172974.11	8,47	5,02	0,654	3,84E-16
AC079922.2	ENSG00000231747.1	1,62	0,665	0,654	1,97E-12
ARX	ENSG00000004848.6	0,975	0,255	0,654	3,97E-07
LAGE3	ENSG00000196976.6	40,6	25,42	0,655	4,88E-25
ENOX1	ENSG00000120658.12	4,25	2,335	0,655	3,7E-24
RWDD2A	ENSG00000013392.7	12,45	7,54	0,655	2,31E-23
SPC24	ENSG00000161888.11	1,59	0,645	0,655	7,78E-15
SOX9	ENSG00000125398.5	32,169	20,07	0,655	1,08E-13
AC018738.2	ENSG00000237039.1	1,74	0,74	0,655	0,0000987
LRRRC59	ENSG00000108829.9	69,545	43,785	0,656	6,88E-35
UFSP1	ENSG00000176125.4	3,82	2,06	0,656	9,9E-20
RHOU	ENSG00000116574.5	30,93	19,26	0,656	6,83E-07
EFTUD1	ENSG00000140598.13	10,255	6,139	0,657	4,8E-23
EEF1A1P11	ENSG00000228502.1	1,87	0,82	0,657	7,48E-14
SEC61B	ENSG00000106803.9	313,342	198,245	0,658	1,96E-30
CDCA8	ENSG00000134690.10	1,73	0,73	0,658	5,75E-26
CCDC112	ENSG00000164221.12	8,235	4,855	0,658	6,24E-25
RP11-465N4.4	ENSG00000234678.1	3,655	1,95	0,658	2,13E-22

SMOC2	ENSG00000112562.18	44,435	27,805	0,658	1,44E-18
UBE2S	ENSG00000108106.13	24,815	15,35	0,659	6,08E-26
RAB6C-AS1	ENSG00000225449.3	5,985	3,425	0,659	3,06E-10
PSMA5	ENSG00000143106.12	55,83	34,955	0,66	4,03E-34
COA7	ENSG00000162377.5	5,565	3,155	0,66	9,52E-34
CYB561A3	ENSG00000162144.9	50,83	31,8	0,66	3,67E-19
DGAT2	ENSG00000062282.14	3,605	1,915	0,66	6,04E-11
PSMD8	ENSG00000099341.11	184,24	116,145	0,661	4,56E-25
SRP9	ENSG00000143742.12	181,345	114,32	0,661	2,41E-18
	44089 ENSG00000183291.15	179,98	113,483	0,661	4,09E-12
SNAP91	ENSG00000065609.14	3,45	1,815	0,661	6,84E-09
FARSA	ENSG00000179115.10	54,086	33,825	0,662	2,11E-42
RUVBL2	ENSG00000183207.12	70,435	44,16	0,662	2,94E-41
SYT17	ENSG00000103528.16	16,62	10,135	0,662	6,94E-29
DPCD	ENSG00000166171.12	30,17	18,699	0,662	5,06E-22
RWDD4P2	ENSG00000175741.5	3,62	1,92	0,662	1,35E-21
HDLBP	ENSG00000115677.16	506,124	319,383	0,663	2,37E-40
BTF3L4	ENSG00000134717.17	38,554	23,98	0,663	4,93E-34
TBL2	ENSG00000106638.15	40,425	25,154	0,663	2,54E-32
NME1-NME2	ENSG00000243678.11	623,976	393,821	0,663	5,94E-31
TFB2M	ENSG00000162851.7	12,06	7,25	0,663	1,42E-25
SPTY2D1	ENSG00000179119.14	8,82	5,2	0,663	2,7E-21
RP11-778D9.4	ENSG00000228205.1	2,65	1,305	0,663	9,8E-21
LRPAP1	ENSG00000163956.10	139,787	87,918	0,663	1,82E-13
FKBP2	ENSG00000173486.12	197,964	124,702	0,663	1,83E-11
EDARADD	ENSG00000186197.12	4,105	2,224	0,663	0,0000417
ZBTB9	ENSG00000213588.5	5,455	3,075	0,664	1,55E-41
PPIH	ENSG00000171960.10	39,825	24,775	0,664	7,32E-39
NDUFA2	ENSG00000131495.8	137,053	86,138	0,664	3,44E-29
RPS24	ENSG00000138326.18	4617,191	2914,635	0,664	4,13E-25
RSL1D1	ENSG00000171490.12	99,895	62,66	0,664	4,76E-25
AP001258.4	ENSG00000245571.6	8,34	4,895	0,664	1,21E-14
EIF4E	ENSG00000151247.12	39,785	24,739	0,664	3,58E-08
KAZALD1	ENSG00000107821.14	23,545	14,49	0,664	0,000551
SLC35A2	ENSG00000102100.14	27,24	16,805	0,665	4,53E-35
CASC4	ENSG00000166734.18	62,56	39,095	0,665	7,38E-15
RAB43P1	ENSG00000259856.1	6,35	3,635	0,665	3,2E-11
MAPK6	ENSG00000069956.11	11,665	6,985	0,666	4,63E-18
KIF20A	ENSG00000112984.11	1,15	0,355	0,666	8,04E-18
GPR158	ENSG00000151025.9	0,825	0,15	0,666	2,37E-11
MTL5	ENSG00000132749.10	6,77	3,895	0,667	7,65E-31
IFIH1	ENSG00000115267.5	7,875	4,59	0,667	3,6E-15
CLUL1	ENSG00000079101.16	8,25	4,825	0,667	4,8E-12
SEC61A1	ENSG00000058262.9	213,404	133,963	0,668	1,95E-38
P4HA1	ENSG00000122884.12	22,62	13,865	0,668	5,79E-22
HAT1	ENSG00000128708.12	39,06	24,205	0,668	7,71E-20

TSPO	ENSG00000100300.17	216,886	136,102	0,668	8,91E-12
JHDM1D-AS1	ENSG00000260231.1	4,095	2,205	0,669	9,37E-22
NIPA1	ENSG00000170113.15	7,22	4,17	0,669	1,02E-16
UGT2B4	ENSG00000156096.12	0,685	0,06	0,669	2,69E-13
TCAF1P1	ENSG00000223459.5	1,56	0,61	0,669	1,13E-11
RP11-566K19.11	ENSG00000274835.1	0,59	0	0,669	4,76E-06
PPA2	ENSG00000138777.19	93,798	58,582	0,67	3,06E-30
KIF4A	ENSG00000090889.11	0,83	0,15	0,67	5,05E-21
U47924.27	ENSG00000257084.1	62,641	38,992	0,67	1,76E-13
PPP1R9A	ENSG00000158528.11	3,22	1,65	0,671	1,23E-36
CDC42SE2	ENSG00000158985.13	27,285	16,765	0,671	8,77E-20
NRIP1	ENSG00000180530.9	10,195	6,03	0,671	9,93E-18
APOBEC3B	ENSG00000179750.15	1,38	0,495	0,671	1,25E-17
LBH	ENSG00000213626.11	42,774	26,5	0,671	0,0000304
RPL15	ENSG00000174748.18	1929,618	1210,384	0,672	2,19E-34
RPS13	ENSG00000110700.6	1452,627	911,531	0,672	3,39E-28
PYCRL	ENSG00000104524.13	15,935	9,63	0,672	2,07E-24
RP11-400N9.1	ENSG00000259793.1	1,955	0,855	0,672	7,18E-20
RP11-204C16.4	ENSG00000217624.2	1,095	0,315	0,672	5,66E-10
OSTC	ENSG00000198856.12	95,154	59,301	0,673	2,41E-35
AGMAT	ENSG00000116771.5	1,2	0,38	0,673	1,22E-29
TMEM251	ENSG00000153485.5	47,596	29,48	0,673	2,58E-24
MRPL19	ENSG00000115364.13	19,915	12,12	0,673	1,21E-20
PIK3CB	ENSG00000051382.8	20,624	12,565	0,673	3,31E-16
ZSCAN2	ENSG00000176371.13	8,235	4,79	0,674	5,01E-44
UBIAD1	ENSG00000120942.13	11,48	6,825	0,674	1,02E-39
TTC30B	ENSG00000196659.9	2,79	1,375	0,674	8,06E-30
EFNA4	ENSG00000243364.7	17,225	10,425	0,674	5,14E-25
RP11-79P5.10	ENSG00000255883.1	1,6	0,63	0,674	1,9E-16
RPS17	ENSG00000182774.10	2339,119	1464,913	0,675	2,13E-23
CISD3	ENSG00000277972.1	57,649	35,735	0,675	4,63E-19
ITGBL1	ENSG00000198542.13	3,98	2,12	0,675	0,0000229
MUT	ENSG00000146085.7	19,64	11,919	0,676	1,32E-24
RPL38	ENSG00000172809.12	1937,391	1211,979	0,676	1,34E-24
ZG16B	ENSG00000162078.11	183,297	114,344	0,676	4,23E-19
GALK2	ENSG00000156958.14	19,18	11,63	0,676	6,52E-17
PTK6	ENSG00000101213.6	2,915	1,45	0,676	0,000637
SERHL	ENSG00000172250.14	14,065	8,429	0,676	0,00337
PPAT	ENSG00000128059.8	5,14	2,84	0,677	1,29E-30
MAN2B1	ENSG00000104774.12	66,295	41,08	0,677	6,39E-25
RP5-884G6.2	ENSG00000228084.1	2,725	1,33	0,677	1,72E-24
CDCA5	ENSG00000146670.9	1,965	0,855	0,677	1,05E-18
TMEM86A	ENSG00000151117.8	3,815	2,01	0,678	1,31E-34
CHDH	ENSG00000016391.10	8,84	5,15	0,678	1,07E-28
TAF7	ENSG00000178913.7	82,486	51,165	0,678	5,82E-27
RALBP1	ENSG00000017797.11	39,4	24,245	0,678	5,04E-12

ARHGEF35	ENSG00000213214.4	9,765	5,73	0,678	6,13E-09
NDUFB10	ENSG00000140990.14	208,535	129,876	0,679	2,01E-34
GLB1	ENSG00000170266.15	35,236	21,625	0,679	2,6E-21
DERL1	ENSG00000136986.9	36,245	22,27	0,679	1,17E-17
PRDX3	ENSG00000165672.6	142,477	88,551	0,68	3,03E-18
SLC9A3R1	ENSG00000109062.9	87,377	54,155	0,68	2,76E-11
AC097724.3	ENSG00000226833.5	10,475	6,16	0,68	1,45E-07
IKBKG1	ENSG00000275882.1	1,275	0,42	0,68	2,52E-07
NOMO2	ENSG00000185164.14	117,857	73,14	0,681	4,91E-33
C2orf15	ENSG00000273045.5	2,495	1,18	0,681	1,93E-31
RTN3	ENSG00000133318.13	69,61	43,049	0,681	2,12E-22
CPE	ENSG00000109472.13	259,474	161,439	0,681	6,7E-13
BANK1	ENSG00000153064.11	6,985	3,98	0,681	5,3E-07
DYNLL2	ENSG00000264364.2	41,75	25,64	0,682	7,32E-32
TMEM209	ENSG00000146842.16	7,855	4,52	0,682	1,36E-25
APBA2	ENSG00000034053.14	4,35	2,335	0,682	3,22E-10
TMEM9	ENSG00000116857.16	114,638	71,016	0,683	1,64E-32
EFCAB11	ENSG00000140025.15	7,115	4,055	0,683	1,36E-27
DTWD2	ENSG00000169570.9	3,045	1,52	0,683	5,59E-22
ITFG1	ENSG00000129636.12	44,145	27,12	0,683	1,07E-17
RP11-2711.4	ENSG00000214654.6	2,925	1,445	0,683	3,94E-15
TMED7	ENSG00000134970.13	43,22	26,545	0,683	5,86E-14
HIST2H4A	ENSG00000270882.2	33,455	20,464	0,683	5,2E-08
ASPN	ENSG00000106819.11	4,475	2,41	0,683	2,82E-06
C14orf1	ENSG00000133935.6	26,8	16,305	0,684	2,04E-28
NDUFB4	ENSG00000065518.7	232,84	144,526	0,684	6,36E-24
VWA2	ENSG00000165816.12	4,045	2,14	0,684	5,89E-08
SERINC2	ENSG00000168528.11	112,946	69,893	0,685	8,81E-21
RPS3AP26	ENSG00000214389.2	14,195	8,455	0,685	5,74E-11
ERP27	ENSG00000139055.6	3,765	1,964	0,685	0,0000168
CLIC1	ENSG00000213719.8	404,781	251,226	0,686	1,95E-37
CKMT1B	ENSG00000237289.9	10,63	6,23	0,686	6,49E-12
NUDT11	ENSG00000196368.4	10,565	6,19	0,686	2,6E-11
AP000344.3	ENSG00000234928.1	3,98	2,095	0,686	4,33E-09
AC073869.1	ENSG00000233087.6	1,72	0,69	0,687	7,97E-19
PCDHGB2	ENSG00000253910.2	1,865	0,78	0,687	1,19E-15
APEH	ENSG00000164062.12	115,076	71,031	0,688	1,77E-36
RPL3	ENSG00000100316.15	4031,915	2502,752	0,688	5,14E-33
CTD-2256P15.2	ENSG00000259802.1	3,22	1,62	0,688	2,99E-24
ZNF664	ENSG00000179195.15	60,185	36,99	0,688	2,12E-22
ERLEC1	ENSG00000068912.13	60,614	37,255	0,688	1,28E-12
EMC10	ENSG00000161671.16	135,405	83,6	0,689	1,34E-39
SMARCC1	ENSG00000173473.10	31,28	19,025	0,689	4,44E-29
TOR1B	ENSG00000136816.15	19,325	11,605	0,689	1,1E-22
RPL37A	ENSG00000197756.9	5154,975	3194,999	0,69	2,32E-27
STAP2	ENSG00000178078.11	105,24	64,87	0,69	5,58E-26

ECT2	ENSG00000114346.13	4,775	2,58	0,69	2,31E-25
TP53	ENSG00000141510.15	30,709	18,655	0,69	2,81E-19
SMG8	ENSG00000167447.12	6,92	3,91	0,69	1,96E-16
ABRACL	ENSG00000146386.7	29,03	17,615	0,69	4,86E-16
STARD3NL	ENSG00000010270.13	49,459	30,27	0,69	2,94E-15
TRPM2-AS	ENSG00000230061.2	0,895	0,175	0,69	1,13E-13
POLD2	ENSG00000106628.10	114,316	70,44	0,691	6,92E-43
ARF3	ENSG00000134287.9	76,893	47,256	0,691	5,26E-20
SGMS2	ENSG00000164023.14	7,96	4,55	0,691	8,97E-14
HSD17B10	ENSG00000072506.12	102,493	63,059	0,692	2,95E-44
44080	ENSG00000125354.22	26,05	15,745	0,692	1,3E-25
AC013463.2	ENSG00000236283.3	2,7	1,29	0,692	1,57E-13
KIF11	ENSG00000138160.5	1,4	0,485	0,693	2,14E-28
SNRPD1	ENSG00000167088.10	56,33	34,451	0,693	1,45E-21
GSC	ENSG00000133937.4	1,505	0,55	0,693	5,59E-13
UBE2E3	ENSG00000170035.15	66,895	40,985	0,693	9,99E-13
MMACHC	ENSG00000132763.14	3,61	1,85	0,694	1,6E-28
CBX8	ENSG00000141570.10	4,405	2,34	0,694	3,22E-25
ZFAS1	ENSG00000177410.12	256,114	157,886	0,694	5,05E-21
RNF41	ENSG00000181852.17	47,821	29,16	0,695	1,32E-13
NAP1L2	ENSG00000186462.8	8,47	4,85	0,695	7,51E-12
OLA1P1	ENSG00000213790.2	0,985	0,225	0,696	1,08E-36
RPL6	ENSG00000089009.15	1810,596	1116,911	0,696	2,2E-36
TTC30A	ENSG00000197557.6	2,96	1,445	0,696	2,16E-30
DNAAF2	ENSG00000165506.14	6,22	3,455	0,697	1,95E-36
SUCLG2	ENSG00000172340.14	45,765	27,84	0,697	9,73E-25
ARF4	ENSG00000168374.10	197,395	121,384	0,697	4,38E-24
ZNF593	ENSG00000142684.7	16,35	9,705	0,697	3,59E-18
ARG2	ENSG00000081181.7	103,493	63,449	0,697	4,68E-11
NOP10	ENSG00000182117.5	176,319	108,334	0,698	4,96E-38
POLR3K	ENSG00000161980.5	15,885	9,41	0,698	8,69E-33
HLCS	ENSG00000159267.14	12,885	7,56	0,698	4,17E-23
SPA17	ENSG00000064199.6	8,975	5,145	0,699	4,03E-18
COX7C	ENSG00000127184.10	834,055	513,136	0,7	9,05E-20
RP11-475C16.1	ENSG00000218426.5	37,885	22,94	0,7	5,22E-09
IGHV5-51	ENSG00000211966.2	2,395	1,09	0,7	0,0459
COX5A	ENSG00000178741.11	229,427	140,716	0,701	7,5E-50
WIBG	ENSG00000170473.16	60,41	36,784	0,701	1,39E-40
EIF2AK3	ENSG00000172071.11	20,425	12,18	0,701	1,92E-18
CNIH1	ENSG00000100528.11	77,08	47,021	0,701	3,9E-18
RAB4A	ENSG00000168118.11	65,389	39,829	0,701	1,19E-17
SPCS1	ENSG00000114902.13	198,562	121,637	0,702	7,22E-25
ANXA3	ENSG00000138772.12	80,909	49,34	0,702	8,46E-17
PRDX2	ENSG00000167815.11	371,572	227,858	0,703	9,17E-33
SMDT1	ENSG00000183172.8	189,19	115,8	0,703	1,42E-27
ENO1-AS1	ENSG00000230679.1	2,175	0,95	0,703	1,7E-20

GPR143	ENSG00000101850.12	3,81	1,955	0,703	6,05E-19
DCXR	ENSG00000169738.7	445,844	273,5	0,703	1,31E-16
CDK19	ENSG00000155111.14	23,22	13,88	0,703	1,12E-13
RP11-544M22.13	ENSG00000270149.5	1,035	0,25	0,703	6,85E-09
SNHG16	ENSG00000163597.14	51,861	31,455	0,704	1,26E-40
NDUFB9	ENSG00000147684.7	241,427	147,84	0,704	3,22E-36
FAM103A1	ENSG00000169612.3	22,375	13,35	0,704	3,69E-36
CLTC	ENSG00000141367.11	152,524	93,25	0,704	7,69E-33
FAM64A	ENSG00000129195.15	1,24	0,375	0,704	9,67E-21
MZT2A	ENSG00000173272.13	146,63	89,647	0,704	1,86E-14
PCDHGB5	ENSG00000276547.1	3,17	1,56	0,704	6,68E-11
C11orf98	ENSG00000278615.4	111,202	67,824	0,705	1,45E-29
RNASEH2A	ENSG00000104889.4	13,08	7,635	0,705	3,61E-29
DCAF13	ENSG00000164934.13	23,3	13,905	0,705	1,02E-28
IARS2	ENSG00000067704.9	40,724	24,595	0,705	9,43E-24
PGM3	ENSG00000013375.15	47,766	28,924	0,705	8,39E-20
TECRP1	ENSG00000235043.3	6,515	3,61	0,705	4,91E-09
SNURF	ENSG00000273173.5	10,305	5,935	0,705	2,09E-06
RPL7L1	ENSG00000146223.14	56,201	34,065	0,706	5,12E-30
MANF	ENSG00000145050.15	161,741	98,786	0,706	9,84E-30
YEATS4	ENSG00000127337.6	15,22	8,94	0,706	6,02E-26
SLC7A11	ENSG00000151012.13	1,17	0,33	0,706	8,98E-24
REEP5	ENSG00000129625.12	102,022	62,145	0,706	1,26E-20
IHH	ENSG00000163501.6	3,83	1,96	0,706	3,54E-11
RLN2	ENSG00000107014.8	2,76	1,305	0,706	0,00228
LRTOMT	ENSG00000184154.12	24,91	14,87	0,707	2,16E-40
ZDHHC12	ENSG00000160446.18	55,081	33,354	0,707	2,99E-35
ERGIC2	ENSG00000087502.17	61,415	37,234	0,707	1,63E-21
HS3ST4	ENSG00000182601.6	1,815	0,725	0,707	7,72E-12
RPS4X	ENSG00000198034.10	1351,69	826,831	0,708	3,53E-29
NUP37	ENSG00000075188.8	17,835	10,53	0,708	4,92E-25
TBCA	ENSG00000171530.13	242,601	148,163	0,708	9,2E-20
AC002467.7	ENSG00000241764.3	8,17	4,615	0,708	1,36E-13
CECR6	ENSG00000183307.3	7,58	4,25	0,709	2,34E-17
HEXB	ENSG00000049860.13	158,819	96,78	0,709	8,49E-17
FMO5	ENSG00000131781.12	9,12	5,19	0,709	3,33E-11
C5orf38	ENSG00000186493.11	22,15	13,165	0,709	2,04E-09
CYB561	ENSG00000008283.15	134,409	81,775	0,71	2,48E-32
RP11-627K11.1	ENSG00000243517.1	1,135	0,305	0,71	7,66E-26
MIOS	ENSG00000164654.15	28,365	16,95	0,71	2,31E-25
NUDT4	ENSG00000173598.13	102,422	62,232	0,71	2,63E-18
COL2A1	ENSG00000139219.17	0,93	0,18	0,71	3,57E-14
TVP23C-CDRT4	ENSG00000259024.6	4,325	2,255	0,71	3,46E-06
MBTPS2	ENSG00000012174.11	8,045	4,525	0,711	6,92E-23
PPT1	ENSG00000131238.16	69,753	42,234	0,711	8,15E-22
RPL14	ENSG00000188846.13	1614,922	984,774	0,713	2,25E-38

ORC5	ENSG00000164815.10	21,36	12,64	0,713	1,75E-31
UPK3A	ENSG00000100373.9	37,254	22,343	0,713	0,0000655
KDELR1	ENSG00000105438.8	202,867	123,258	0,714	6,02E-45
UMPS	ENSG00000114491.13	20,985	12,404	0,714	4,4E-34
SNX8	ENSG00000106266.8	13,535	7,86	0,714	2,05E-24
SEC23IP	ENSG00000107651.12	22,265	13,18	0,714	3,42E-17
CKAP4	ENSG00000136026.13	56,148	33,815	0,715	6,03E-30
CEACAM20	ENSG00000273777.4	1,175	0,325	0,715	0,00359
AF127577.10	ENSG00000229047.1	21,42	12,645	0,716	0,0287
NDUFS6	ENSG00000145494.11	80,053	48,306	0,717	3,58E-29
G3BP1	ENSG00000145907.14	40,915	24,505	0,717	3,69E-28
HLTF	ENSG00000071794.15	13,625	7,9	0,717	1,28E-20
DHRS7B	ENSG00000109016.17	43,981	26,359	0,717	2,71E-19
HLA-DRB6	ENSG00000229391.7	5,395	2,89	0,717	2,82E-09
PPP1CA	ENSG00000172531.14	170,584	103,306	0,718	6,05E-43
CHCHD1	ENSG00000172586.7	67,69	40,769	0,718	2,11E-33
HJURP	ENSG00000123485.11	1,245	0,365	0,718	1,2E-18
RPL18AP3	ENSG00000213442.5	93,389	56,39	0,718	1,95E-15
DBI	ENSG00000155368.16	564,038	342,603	0,718	7,89E-11
RP11-548B3.3	ENSG00000243888.1	0,925	0,17	0,718	5,14E-09
DTD2	ENSG00000129480.12	11,15	6,38	0,719	4,02E-30
CH17-360D5.1	ENSG00000264717.5	0,885	0,145	0,719	1,06E-20
RAB8A	ENSG00000167461.11	35,72	21,31	0,719	4,26E-13
C15orf65	ENSG00000261652.2	7,335	4,06	0,72	1,85E-35
UQCR10	ENSG00000184076.12	167,665	101,37	0,72	5,51E-26
GCA	ENSG00000115271.10	18,415	10,789	0,72	1,24E-19
ADAM9	ENSG00000168615.11	42,685	25,53	0,72	5,35E-14
PRR34-AS1	ENSG00000241990.5	20,27	11,915	0,72	1,05E-08
GOLGA5	ENSG00000066455.12	48,405	28,979	0,721	6,43E-41
EIF5A	ENSG00000132507.17	396,437	240,109	0,721	2,73E-38
SURF4	ENSG00000148248.13	145,537	87,9	0,721	7,58E-36
PAQR4	ENSG00000162073.13	18,61	10,894	0,721	9,24E-23
KLHL35	ENSG00000149243.15	1,48	0,505	0,721	3,41E-20
TAOK3	ENSG00000135090.13	30,835	18,32	0,721	1,29E-14
AHCY	ENSG00000101444.12	155,055	93,623	0,722	7,62E-44
SPR	ENSG00000116096.5	49,855	29,825	0,722	5,08E-38
SEC61G	ENSG00000132432.13	271,846	164,471	0,722	1,31E-30
HM13	ENSG00000101294.16	226,457	136,915	0,722	4,33E-27
MRPS28	ENSG00000147586.9	51,931	31,091	0,722	3,12E-25
PM20D2	ENSG00000146281.5	24,795	14,634	0,722	5,92E-21
TTC39A-AS1	ENSG00000261664.5	3,225	1,56	0,723	1,04E-27
RHCE	ENSG00000188672.16	1,88	0,745	0,723	1,07E-16
NT5DC1	ENSG00000178425.13	28,499	16,87	0,723	9,54E-12
LGMN	ENSG00000100600.14	88,076	52,934	0,724	2,54E-26
IFNGR2	ENSG00000159128.14	82,278	49,42	0,724	5,35E-26
SIX1	ENSG00000126778.8	18,49	10,8	0,724	9,08E-25

TSTD1	ENSG00000215845.10	233,834	141,165	0,724	4,52E-24
MELK	ENSG00000165304.7	1,04	0,235	0,724	2,99E-20
TMEM205	ENSG00000105518.13	226,771	136,835	0,725	5,14E-30
METTL9	ENSG00000197006.13	79,041	47,43	0,725	2,56E-20
CRACR2B	ENSG00000177685.16	91,667	55,056	0,725	0,00164
MINPP1	ENSG00000107789.15	13,865	7,985	0,726	1,72E-19
PTPRT	ENSG00000196090.12	0,935	0,17	0,726	3,18E-14
APOC4-APOC2	ENSG00000224916.8	2,225	0,95	0,726	1,76E-09
FKBP4	ENSG00000004478.7	91,88	55,125	0,727	6,44E-36
SGMS1	ENSG00000198964.13	19,445	11,35	0,727	1,85E-22
LAD1	ENSG00000159166.13	28,934	17,09	0,727	8,34E-15
ORMDL2	ENSG00000123353.9	64,491	38,539	0,728	1,89E-28
RPL28	ENSG00000108107.12	2903,142	1751,529	0,729	3,41E-26
FAM73A	ENSG00000180488.14	7,53	4,145	0,729	4,44E-26
RP11-680F20.10	ENSG00000260209.1	0,79	0,08	0,729	4,59E-20
SNHG8	ENSG00000269893.6	373,392	224,947	0,729	2,57E-15
CDKN2A	ENSG00000147889.16	3,385	1,645	0,729	0,0000259
COX6A1	ENSG00000111775.2	562,69	338,907	0,73	1,87E-32
TWISTNB	ENSG00000105849.5	10,37	5,855	0,73	3,25E-30
ATP5J2	ENSG00000241468.7	600,262	361,486	0,73	1,05E-28
AGAP1	ENSG00000157985.17	8,705	4,85	0,73	6,53E-26
CSPG5	ENSG00000114646.9	1,33	0,405	0,73	1,61E-22
PSMF1	ENSG00000125818.17	88,177	52,76	0,73	2,24E-20
NEK2	ENSG00000117650.12	0,965	0,185	0,73	3,29E-17
HERC3	ENSG00000138641.15	55,861	33,285	0,73	2,06E-08
PIFO	ENSG00000173947.13	16,08	9,3	0,73	7,45E-07
PDCL3	ENSG00000115539.13	32,526	19,2	0,731	6,87E-39
LYPLAL1	ENSG00000143353.11	39,149	23,195	0,731	1,91E-37
LAMTOR2	ENSG00000116586.11	108,341	64,859	0,731	5,97E-32
CYP51A1	ENSG00000001630.15	31,245	18,433	0,731	2,57E-13
C11orf71	ENSG00000282682.1	6,37	3,44	0,731	0,00587
CISD2	ENSG00000145354.9	18,87	10,964	0,732	1,66E-34
KBTD7	ENSG00000120696.8	4,92	2,565	0,732	1,62E-25
LINC00623	ENSG00000226067.6	13,515	7,74	0,732	3,32E-13
DEGS2	ENSG00000168350.7	4,845	2,52	0,732	0,00119
ATP5G1	ENSG00000159199.13	206,442	123,785	0,733	1,61E-39
IMPDH2	ENSG00000178035.11	223,324	133,991	0,733	5,96E-33
CD164	ENSG00000135535.14	159,42	95,53	0,733	6,76E-23
ZNF615	ENSG00000197619.13	15,795	9,095	0,734	2,98E-20
ALDH7A1	ENSG00000164904.15	94,271	56,279	0,734	7,6E-19
ERLIN2	ENSG00000147475.14	22,845	13,335	0,734	1,58E-14
NUPR1	ENSG00000176046.8	448,79	269,519	0,734	3,91E-08
HLA-DRA	ENSG00000204287.13	251,462	150,753	0,734	0,0000775
BAIAP2	ENSG00000175866.15	128,715	76,928	0,735	2,36E-29
GLYATL1P4	ENSG00000254399.2	0,93	0,16	0,735	1,28E-27
SIAE	ENSG00000110013.12	21,205	12,345	0,735	1,46E-17

FAM162A	ENSG00000114023.15	129,777	77,543	0,736	1,78E-22
NCOA4	ENSG00000266412.5	106,152	63,322	0,736	6,04E-19
SOX14	ENSG00000168875.2	1,365	0,42	0,736	8,26E-09
RAET1E-AS1	ENSG00000223701.3	1,465	0,48	0,736	8,22E-08
RP11-343C2.12	ENSG00000272617.1	9,585	5,35	0,737	1,15E-37
VPS35	ENSG00000069329.15	39,604	23,355	0,737	8,51E-18
CTD-2194D22.3	ENSG00000249116.1	1,4	0,44	0,737	2,37E-09
TALDO1	ENSG00000177156.10	196,999	117,685	0,738	2,46E-47
MRPS34	ENSG00000074071.13	119,08	70,999	0,738	5,31E-40
TFAM	ENSG00000108064.10	13,98	7,98	0,738	2,14E-18
SNRPD3	ENSG00000100028.11	121,975	72,68	0,739	1,83E-31
SNRPF	ENSG00000139343.10	32,89	19,305	0,739	2,95E-31
TM9SF1	ENSG00000100926.14	47,271	27,92	0,739	6,49E-18
SNHG9	ENSG00000255198.4	79,456	47,21	0,739	0,0000211
ARMC6	ENSG00000105676.13	30,869	18,075	0,74	6,35E-55
NLE1	ENSG00000073536.17	12,78	7,25	0,74	6,5E-47
EDF1	ENSG00000107223.12	803,274	480,601	0,74	3,81E-28
NKX2-3	ENSG00000119919.10	0,67	0	0,74	1,45E-25
PCDH1	ENSG00000156453.13	25,33	14,764	0,74	1,24E-24
LMAN1	ENSG00000074695.5	46,99	27,725	0,74	1,59E-17
EIF3A	ENSG00000107581.12	65,4	38,764	0,74	5,48E-15
TNK2-AS1	ENSG00000224614.1	1,84	0,7	0,74	1,43E-13
NIPSNAP1	ENSG00000184117.11	39,19	23,055	0,741	4,62E-23
ATP8A1	ENSG00000124406.16	17,905	10,309	0,741	1,74E-21
TOM1L1	ENSG00000141198.13	44,489	26,225	0,741	4,95E-21
HELZ2	ENSG00000130589.16	11,865	6,695	0,741	1,34E-14
GRSF1	ENSG00000132463.13	59,956	35,445	0,742	2,42E-30
HENMT1	ENSG00000162639.15	5,8	3,065	0,742	9,7E-26
ATP5L	ENSG00000167283.7	369,389	220,471	0,742	2,86E-24
VKORC1L1	ENSG00000196715.5	13,735	7,805	0,743	7,27E-29
PCTP	ENSG00000141179.13	19,425	11,205	0,743	4,19E-16
PPIA	ENSG00000196262.13	1365,959	814,995	0,744	5,1E-46
CCDC167	ENSG00000198937.8	43,131	25,354	0,744	7,93E-26
UGT1A3	ENSG00000243135.5	0,675	0	0,744	4,07E-10
C11orf1	ENSG00000137720.7	47,781	28,115	0,745	1,51E-23
ELAVL2	ENSG00000107105.14	0,81	0,08	0,745	9,43E-22
EIF4EBP1	ENSG00000187840.4	48,541	28,55	0,745	3E-11
KCNC2	ENSG00000166006.12	2,61	1,155	0,745	2,41E-08
SSR3	ENSG00000114850.6	123,845	73,429	0,746	2,07E-26
CPNE3	ENSG00000085719.11	40,374	23,67	0,746	4,51E-20
PLA2G4C-AS1	ENSG00000269420.5	1,13	0,27	0,746	2,4E-18
RPL23AP2	ENSG00000225067.4	3,905	1,925	0,746	2,56E-18
INHBB	ENSG00000163083.5	13,91	7,89	0,746	4,19E-17
SLC31A1	ENSG00000136868.10	22,785	13,185	0,746	1,15E-13
MEX3D	ENSG00000181588.16	12,88	7,265	0,748	6,07E-29
RPS9	ENSG00000170889.13	3046,738	1813,799	0,748	2,05E-22

MFSD3	ENSG00000167700.8	37,95	22,19	0,748	9,01E-20
SNORA57	ENSG00000206597.1	0,68	0	0,748	0,0496
PRKCSH	ENSG00000130175.9	285,836	169,623	0,749	9,21E-58
ZNF511	ENSG00000198546.14	64,159	37,78	0,749	1,18E-35
PIGN	ENSG00000197563.9	12,845	7,24	0,749	1,65E-21
POP7	ENSG00000172336.4	44,439	26,025	0,75	3,39E-41
NDUFA1	ENSG00000125356.6	167,01	98,899	0,75	2,89E-29
ZNF813	ENSG00000198346.10	4,475	2,255	0,75	4,14E-22
UCK2	ENSG00000143179.12	22,011	12,675	0,751	3,4E-33
RPL24	ENSG00000114391.12	1906,947	1133,013	0,751	2,16E-29
COPB2	ENSG00000184432.9	100,61	59,358	0,751	5,13E-29
NDFIP2	ENSG00000102471.13	18,575	10,635	0,751	6,51E-12
NDUFA8	ENSG00000119421.6	95,421	56,234	0,752	3,8E-54
TXNDC12	ENSG00000117862.11	38,941	22,71	0,752	2,33E-46
YPEL1	ENSG00000100027.14	3,05	1,405	0,752	2,4E-34
HNRNPA3P6	ENSG00000213300.5	4,98	2,55	0,752	3,33E-22
COPB1	ENSG00000129083.12	77,95	45,835	0,753	7,16E-31
PTPRF	ENSG00000142949.16	135,748	80,114	0,753	1,82E-22
FAM198B	ENSG00000164125.15	19,77	11,325	0,753	3,59E-17
SNORA74A	ENSG00000200959.1	0,685	0	0,753	1,24E-11
ENPP4	ENSG00000001561.6	12,265	6,865	0,754	4,95E-16
PRPS1	ENSG00000147224.10	28,849	16,69	0,755	1,46E-24
MSH2	ENSG00000095002.12	9,35	5,135	0,755	2,23E-23
EHHADH	ENSG00000113790.10	5,01	2,56	0,755	7,04E-13
PIGP	ENSG00000185808.13	38,541	22,408	0,756	6,18E-30
FUCA2	ENSG00000001036.13	34,605	20,075	0,757	2,79E-40
MCF2L-AS1	ENSG00000235280.2	7,435	3,99	0,757	4,56E-33
RNLS	ENSG00000184719.11	10,515	5,815	0,757	6,53E-06
SPINT1	ENSG00000166145.14	136,333	80,214	0,758	2,81E-29
E2F5	ENSG00000133740.10	8,36	4,535	0,758	5,48E-23
SYT7	ENSG00000011347.9	78,221	45,822	0,759	1,09E-29
SCGN	ENSG00000079689.13	2,9	1,305	0,759	1,31E-07
Metazoa_SRP	ENSG00000274012.1	528,038	311,545	0,759	0,0000611
CYFIP2	ENSG00000055163.18	21,345	12,195	0,76	1,91E-28
SMYD2	ENSG00000143499.13	24,635	14,14	0,76	2,3E-20
EIF4EBP3	ENSG00000243056.1	64,275	37,539	0,76	1,82E-14
APRT	ENSG00000198931.10	246,432	145,048	0,761	1,96E-27
NDUFV2P1	ENSG00000267809.1	3,185	1,47	0,761	6,97E-19
SUMO1P4	ENSG00000235555.1	0,695	0	0,761	1,85E-15
NACA2	ENSG00000253506.2	1,17	0,28	0,762	7,51E-44
RPL13A	ENSG00000142541.16	5066,416	2986,209	0,762	9,09E-33
RP11-545E17.3	ENSG00000223478.1	13,68	7,655	0,762	7,57E-20
CTBS	ENSG00000117151.12	20,085	11,435	0,762	1,69E-16
CCT7	ENSG00000135624.15	202,144	118,68	0,763	3,42E-50
GDI2	ENSG00000057608.16	117,339	68,733	0,763	1,55E-38
SLC25A6	ENSG00000169100.12	531,895	313,071	0,763	3,95E-35

EIF4B	ENSG00000063046.17	219,069	128,724	0,763	2,34E-28
USP18	ENSG00000184979.9	7,46	3,985	0,763	2,8E-25
ELOVL5	ENSG00000012660.13	139,463	81,786	0,763	1,02E-16
MRPL24	ENSG00000143314.12	110,277	64,516	0,764	1,96E-40
UQCRH	ENSG00000173660.11	351,26	206,371	0,764	2,23E-28
ACBD5	ENSG00000107897.18	14,435	8,09	0,764	1,15E-21
TRAM1	ENSG00000067167.7	87,096	50,864	0,764	8,58E-19
RALGAPA2	ENSG00000188559.13	22,275	12,705	0,764	6,56E-18
CRNKL1	ENSG00000101343.14	25,31	14,48	0,765	1,1E-52
MRPL57	ENSG00000173141.4	34,565	19,929	0,765	6,79E-43
QPCTL	ENSG00000011478.11	13,625	7,605	0,765	2,04E-36
IFI27L1	ENSG00000165948.10	17,355	9,8	0,765	2,28E-25
B3GALT6	ENSG00000176022.4	16,095	9,055	0,766	6,22E-46
NUDCD2	ENSG00000170584.10	21,791	12,4	0,766	1,35E-21
RAB2A	ENSG00000104388.14	86,563	50,485	0,766	1,75E-17
NUSAP1	ENSG00000137804.12	3,345	1,555	0,766	2,91E-13
ANKRD37	ENSG00000186352.8	40,184	23,22	0,766	0,000161
ATF5	ENSG00000169136.8	43,335	25,054	0,767	1,25E-29
RP11-538I12.2	ENSG00000261063.1	2,37	0,98	0,767	0,00616
MRPL37	ENSG00000116221.15	66,189	38,459	0,768	7,41E-44
MPI	ENSG00000178802.17	57,406	33,291	0,768	1,05E-39
SPATA17	ENSG00000162814.10	2,585	1,105	0,768	6,84E-27
CSGALNACT1	ENSG00000147408.14	39,075	22,529	0,768	5,02E-18
TRAM1L1	ENSG00000174599.5	3,7	1,76	0,768	1,01E-11
RTN4RL2	ENSG00000186907.7	3,32	1,535	0,769	3,24E-30
NARS2	ENSG00000137513.9	19,585	11,07	0,77	2,47E-42
DTD1	ENSG00000125821.11	28,595	16,36	0,77	4,32E-37
HSP90B1	ENSG00000166598.12	654,272	383,251	0,77	6,38E-37
MAD2L1	ENSG00000164109.13	4,61	2,29	0,77	5,59E-26
TRUB2	ENSG00000167112.9	24,625	14,02	0,771	1,27E-40
CPD	ENSG00000108582.11	18,936	10,68	0,771	8,79E-30
RP11-5P18.5	ENSG00000233078.1	1,33	0,365	0,771	1,22E-08
THEM6	ENSG00000130193.7	26,02	14,82	0,772	3,84E-27
HS2ST1	ENSG00000153936.16	10,32	5,63	0,772	2,01E-22
INTS5	ENSG00000185085.2	19,545	11,02	0,773	1,81E-53
RFK	ENSG00000135002.11	15,235	8,5	0,773	9,83E-35
ACTG1	ENSG00000184009.9	1858,276	1087,047	0,773	6,48E-30
TRAPPC6A	ENSG00000007255.10	80,014	46,425	0,773	2,23E-28
DCLRE1A	ENSG00000198924.7	6,17	3,195	0,773	8,08E-26
TFF1	ENSG00000160182.2	17,57	9,87	0,773	0,00252
PRPF19	ENSG00000110107.8	127,791	74,297	0,774	3,03E-58
HMGCR	ENSG00000113161.15	18,869	10,62	0,774	4,26E-16
CRISPLD1	ENSG00000121005.8	9,96	5,41	0,774	4,99E-10
TOMM20	ENSG00000173726.10	97,764	56,706	0,775	9,26E-34
TEX264	ENSG00000164081.12	102,522	59,49	0,775	4,6E-28
WSB2	ENSG00000176871.8	47,1	27,095	0,776	1,27E-33

CD2AP	ENSG00000198087.7	19,655	11,059	0,776	4,26E-27
TRMT10C	ENSG00000174173.6	14,52	8,06	0,777	8,24E-43
FEN1	ENSG00000168496.3	10,65	5,8	0,777	8,68E-41
SUB1	ENSG00000113387.11	184,944	107,488	0,777	1,07E-29
TM4SF1	ENSG00000169908.10	97,575	56,51	0,777	3,9E-11
RP5-1148A21.3	ENSG00000266680.1	2,07	0,79	0,778	4,98E-46
ALG1	ENSG00000033011.11	24,565	13,905	0,778	5,18E-43
LINC00853	ENSG00000224805.2	1,24	0,305	0,779	1,66E-28
RPS21	ENSG00000171858.17	2708,821	1578,73	0,779	2,38E-21
CTB-102L5.4	ENSG00000267748.4	3,58	1,67	0,779	4,49E-09
TMEM258	ENSG00000134825.13	245,605	142,527	0,781	1,47E-41
RPS2P46	ENSG00000189343.7	21,47	12,08	0,781	2,45E-27
FAM111B	ENSG00000189057.10	1,32	0,35	0,781	1,58E-21
TCEA3	ENSG00000204219.9	122,572	70,879	0,782	3,36E-29
SLC50A1	ENSG00000169241.17	68,369	39,351	0,782	1,37E-21
AP1S3	ENSG00000152056.16	4,485	2,19	0,782	7,4E-14
SLC27A4	ENSG00000167114.12	25,3	14,28	0,783	4,45E-44
HSPE1	ENSG00000115541.10	225,736	130,788	0,783	4,58E-30
ZNF613	ENSG00000176024.16	19,575	10,954	0,783	2,14E-25
RP11-783K16.5	ENSG00000256940.1	1,89	0,68	0,783	6,97E-20
FAM134B	ENSG00000154153.13	11,84	6,46	0,783	3,27E-17
PDCD2L	ENSG00000126249.7	10,435	5,64	0,784	2,41E-56
GLOD5	ENSG00000171433.11	1,445	0,42	0,784	2,39E-44
TIMM13	ENSG00000099800.7	121,061	69,869	0,784	1,81E-42
DOLPP1	ENSG00000167130.17	18,515	10,33	0,784	8,74E-40
CDKN3	ENSG00000100526.19	2,815	1,215	0,784	1,16E-13
CNPY2	ENSG00000257727.5	191,964	110,975	0,785	8,98E-56
ABCG1	ENSG00000160179.18	14,46	7,97	0,785	4,87E-31
PEX11A	ENSG00000166821.8	19,52	10,905	0,785	8,35E-13
SLC30A9	ENSG0000014824.13	34,355	19,51	0,786	8,4E-23
RPS3AP6	ENSG00000234797.5	45,215	25,8	0,786	1,15E-17
CNDP2	ENSG00000133313.14	237,741	137,372	0,787	4,87E-29
RP11-345J4.5	ENSG00000261740.5	20,544	11,49	0,787	1,07E-26
CTD-2540B15.11	ENSG00000267580.1	18,345	10,21	0,787	1,14E-12
ECE2	ENSG00000145194.17	6,26	3,205	0,788	1,98E-32
HLA-DQA1	ENSG00000196735.11	21,745	12,16	0,789	1,47E-06
KIAA0319L	ENSG00000142687.17	59,829	34,175	0,79	2,1E-33
NET1	ENSG00000173848.18	54,729	31,23	0,79	2,72E-18
LINC01351	ENSG00000237457.6	2,01	0,74	0,791	5,25E-20
MNX1-AS2	ENSG00000235029.1	0,73	0	0,791	5,99E-10
RNF185-AS1	ENSG00000254835.1	8,245	4,345	0,791	2,97E-08
RPS7	ENSG00000171863.12	1644,917	949,582	0,792	4,82E-34
RAB25	ENSG00000132698.13	114,809	65,864	0,792	2,02E-27
ADIPOR1	ENSG00000159346.12	81,605	46,689	0,793	7,72E-36
RPL27A	ENSG00000166441.12	3484,05	2011,003	0,793	9,49E-28
IGF2R	ENSG00000197081.12	26,951	15,135	0,793	5,46E-23

RP13-1016M1.2	ENSG00000272783.1	2,145	0,815	0,793	8,08E-13
C1orf43	ENSG00000143612.18	180,123	103,428	0,794	2,51E-38
LSM12P1	ENSG00000232024.2	8,005	4,195	0,794	1,83E-12
PSMB5	ENSG00000100804.18	135,659	77,759	0,795	7,57E-52
RPL35A	ENSG00000182899.14	2273,264	1309,181	0,796	1,07E-33
APOC2	ENSG00000234906.8	1,63	0,515	0,796	4,13E-11
PNPO	ENSG00000108439.9	16,985	9,344	0,798	9,84E-25
PAIP2B	ENSG00000124374.8	7,45	3,855	0,799	4,48E-39
RPL32	ENSG00000144713.12	3007,188	1728,313	0,799	1,47E-29
C1orf115	ENSG00000162817.6	38,73	21,84	0,799	7,76E-19
RP11-161H23.5	ENSG00000258232.2	52,864	29,969	0,799	0,0000187
GLUD1	ENSG00000148672.8	141,336	80,741	0,8	6,62E-24
RNA5-8S5	ENSG00000275215.1	966,046	554,232	0,8	0,0000163
RNA5-8S5	ENSG00000277739.1	966,046	554,232	0,8	0,0000163
RNA5-8S5	ENSG00000278189.1	966,046	554,232	0,8	0,0000163
RNA5-8S5	ENSG00000278233.1	966,046	554,232	0,8	0,0000163
RAB19	ENSG00000146955.10	1,37	0,36	0,801	4,75E-38
MRPL15	ENSG00000137547.8	39,911	22,48	0,801	5,35E-38
AK4P1	ENSG00000263535.1	2,45	0,98	0,801	9,41E-19
EEF1A1P13	ENSG00000250182.3	3,975	1,855	0,801	1,46E-10
HYOU1	ENSG00000149428.18	102,607	58,436	0,802	2,95E-38
CBX4	ENSG00000141582.14	19,15	10,555	0,802	2,43E-29
KIF5C	ENSG00000168280.16	30,21	16,895	0,802	3,03E-28
NDUFA13	ENSG00000186010.18	417,692	239,203	0,802	5,34E-21
CTD-2015H6.3	ENSG00000249042.5	9,215	4,855	0,803	1,29E-39
RP11-126L15.4	ENSG00000236305.1	1,73	0,565	0,803	1,19E-19
HIPK2	ENSG00000064393.15	14,485	7,87	0,804	1,77E-31
AC144450.2	ENSG00000203635.2	0,955	0,12	0,804	2,61E-31
RPL6P27	ENSG00000235552.4	26,48	14,735	0,804	2,08E-17
RP1-34B20.4	ENSG00000217275.2	3,365	1,5	0,804	9,14E-08
NMRAL1	ENSG00000153406.13	95,474	54,221	0,805	4,34E-45
SLC39A3	ENSG00000141873.10	41,769	23,475	0,805	3,9E-42
NDUFB6	ENSG00000165264.10	55,236	31,194	0,805	1,19E-30
CACFD1	ENSG00000160325.14	27,255	15,164	0,806	4,28E-45
COX7A2	ENSG00000112695.11	397,73	227,078	0,806	1,04E-27
LACTB2	ENSG00000147592.8	14,95	8,12	0,806	3,49E-17
LEO1	ENSG00000166477.12	17,28	9,445	0,807	7,67E-38
SHMT2	ENSG00000182199.10	48,664	27,389	0,807	8,73E-31
GTF3C6	ENSG00000155115.6	132,009	74,998	0,807	1,47E-28
DLG3-AS1	ENSG00000231651.1	1,765	0,58	0,807	7,46E-16
CDK5	ENSG00000164885.12	15,915	8,665	0,808	1,76E-45
TOMM22	ENSG00000100216.5	51,506	28,984	0,808	2,01E-43
ATXN10	ENSG00000130638.15	106,513	60,39	0,808	3,91E-26
RAB27B	ENSG00000041353.9	13,43	7,24	0,808	1,19E-22
IGHV3-33	ENSG00000211955.2	3,175	1,385	0,808	0,00774
FAM207BP	ENSG00000228797.2	1,365	0,35	0,809	7E-43

DARS2	ENSG00000117593.9	8,765	4,575	0,809	4,08E-38
ATP6VOB	ENSG00000117410.13	226,755	128,997	0,809	1,61E-31
PDE9A	ENSG00000160191.17	100,778	57,084	0,809	2,51E-24
COPZ1	ENSG00000111481.9	151,538	86,025	0,81	7,79E-52
FANCF	ENSG00000183161.4	6,47	3,26	0,81	1,94E-44
ZNF614	ENSG00000142556.18	9,21	4,825	0,81	7,09E-29
BZW1P2	ENSG00000198406.7	10,755	5,704	0,81	4,96E-09
TTY15	ENSG00000233864.7	6,115	3,055	0,811	4,8E-20
COX7A2L	ENSG00000115944.14	138,865	78,65	0,812	2,04E-39
CTB-5E10.3	ENSG00000267633.1	1,765	0,575	0,812	0,00046
COX7B	ENSG00000131174.4	134,479	76,111	0,813	6,59E-25
PCAT6	ENSG00000228288.6	9,275	4,84	0,815	7,01E-27
ARL6IP5	ENSG00000144746.6	126,605	71,545	0,815	1,76E-22
RP11-345N11.1	ENSG00000278840.1	1,375	0,35	0,815	6,8E-20
RIMS1	ENSG00000079841.18	1,7	0,535	0,815	4,62E-17
ECH1	ENSG00000104823.8	248,956	140,955	0,816	9,97E-29
RN7SL1	ENSG00000276168.1	340,697	193,058	0,816	8,43E-08
NOA1	ENSG00000084092.6	13,69	7,34	0,817	9,53E-40
AKR1A1	ENSG00000117448.13	202,341	114,38	0,818	2,89E-59
ATPAF1	ENSG00000123472.12	49,036	27,38	0,818	1,19E-44
ERP44	ENSG00000023318.7	24,484	13,455	0,818	1,15E-39
ORM2	ENSG00000228278.3	9,1	4,731	0,818	0,00213
PRRC1	ENSG00000164244.20	27,985	15,425	0,819	1,02E-36
SMYD3	ENSG00000185420.18	18,315	9,945	0,819	3,81E-34
HSBP1	ENSG00000230989.6	96,005	53,97	0,819	1,29E-31
MRPS23	ENSG00000181610.12	53,595	29,95	0,819	3,27E-21
NPM3	ENSG00000107833.10	34,41	19,055	0,82	3,34E-27
AK5	ENSG00000154027.18	4,65	2,2	0,82	3,84E-09
RUVBL1	ENSG00000175792.11	35,255	19,515	0,821	2,55E-41
NSF	ENSG00000073969.18	26,401	14,51	0,821	2,4E-31
ARL1	ENSG00000120805.13	62,5	34,944	0,821	1,19E-20
PIGU	ENSG00000101464.10	23,03	12,59	0,822	4,39E-48
RPLP0	ENSG00000089157.15	2955,527	1671,409	0,822	1,11E-40
HID1	ENSG00000167861.15	115	64,596	0,822	1,66E-40
HSPD1	ENSG00000144381.16	203,678	114,797	0,822	1,62E-37
BPHL	ENSG00000137274.12	25,72	14,115	0,822	3,69E-37
TIPARP-AS1	ENSG00000243926.1	4,755	2,255	0,822	2,81E-21
RP11-44B19.1	ENSG00000272411.1	1,165	0,225	0,822	1,67E-19
RP11-408P14.1	ENSG00000243199.1	11,2	5,89	0,824	2,77E-31
PET100	ENSG00000229833.9	90,943	50,871	0,826	4,78E-25
RP11-456H18.2	ENSG00000229896.2	5,105	2,445	0,826	2,67E-09
ZNF737	ENSG00000237440.8	9,52	4,93	0,827	7,4E-17
PGGT1B	ENSG00000164219.9	8,825	4,54	0,827	2,23E-14
PLEKHS1	ENSG00000148735.14	7,805	3,965	0,827	8,68E-07
EIF3CL	ENSG00000205609.12	69,717	38,825	0,828	4,19E-28
SLMO2	ENSG00000101166.15	29,4	16,125	0,828	3,4E-27

HMMR	ENSG00000072571.19	1,245	0,265	0,828	5,79E-25
DDOST	ENSG00000244038.9	187,331	105,05	0,829	4,79E-46
ABCA3	ENSG00000167972.13	12,56	6,635	0,829	8,34E-33
MMEL1	ENSG00000142606.15	17,42	9,37	0,829	0,000222
SDSL	ENSG00000139410.14	21,465	11,64	0,83	4,62E-30
BOLA2	ENSG00000183336.7	10,245	5,325	0,83	6,52E-15
ZNF761	ENSG00000160336.14	49,609	27,469	0,83	4,41E-14
ARSD	ENSG00000006756.15	35,21	19,353	0,831	2,8E-36
KIFC1	ENSG00000237649.7	2,275	0,84	0,832	2,92E-20
RPL14P1	ENSG00000139239.7	27,815	15,18	0,833	2,22E-31
YIPF6	ENSG00000181704.11	23,005	12,48	0,833	1,42E-22
SLC35B2	ENSG00000157593.16	51,615	28,525	0,834	1,23E-45
COL26A1	ENSG00000160963.13	4,635	2,16	0,834	6,29E-15
MARVELD3	ENSG00000140832.9	13,025	6,865	0,835	1,88E-34
HINT1	ENSG00000169567.11	425,214	237,938	0,835	9,98E-34
PTTG1	ENSG00000164611.12	6,5	3,205	0,835	3,65E-12
TMEM178B	ENSG00000261115.5	2,935	1,205	0,836	9,09E-42
SIPA1L3	ENSG00000105738.10	15,51	8,25	0,836	1,75E-26
PXMP4	ENSG00000101417.11	11,705	6,119	0,836	3,05E-18
ABHD11-AS1	ENSG00000225969.1	1,99	0,675	0,836	4,17E-10
IER3IP1	ENSG00000134049.4	20,255	10,9	0,837	8,38E-37
EDEM3	ENSG00000116406.18	21,479	11,585	0,837	1,45E-31
GOLPH3L	ENSG00000143457.10	25,286	13,715	0,837	9,77E-30
TGIF2-C20orf24	ENSG00000259399.1	1,34	0,31	0,837	7,2E-14
LTB	ENSG00000227507.2	4,555	2,109	0,837	0,000836
WDR3	ENSG00000065183.15	6,805	3,365	0,838	2,64E-22
SSTR1	ENSG00000139874.5	2,03	0,695	0,838	2,68E-13
AC034243.1	ENSG00000253404.1	4,865	2,28	0,838	1,13E-07
MZB1	ENSG00000170476.15	13,975	7,373	0,839	4,97E-12
NDUFV2	ENSG00000178127.12	189,328	105,287	0,841	1,65E-44
TMEM241	ENSG00000134490.13	5,295	2,515	0,841	6,24E-29
RP4-706A16.3	ENSG00000226084.5	54,14	29,786	0,841	8,93E-21
TFPT	ENSG00000105619.13	51,03	28,04	0,841	1,35E-20
DNAJC19P9	ENSG00000258608.1	2,01	0,68	0,841	2,12E-17
RPP25L	ENSG00000164967.9	53,766	29,56	0,842	8,96E-42
IFNAR1	ENSG00000142166.12	20,91	11,22	0,842	9,74E-34
TP53TG1	ENSG00000182165.17	76,333	42,115	0,843	2,12E-24
EBP	ENSG00000147155.10	93,623	51,735	0,843	1,41E-09
RET	ENSG00000165731.17	2,91	1,18	0,843	4,86E-09
ATPIF1	ENSG00000130770.17	317,177	176,227	0,844	3,2E-36
SCCPDH	ENSG00000143653.9	50,211	27,534	0,844	5,64E-31
RSPH1	ENSG00000160188.9	7,48	3,725	0,844	1,45E-22
KIF22	ENSG00000079616.12	67,379	37,071	0,845	3,22E-14
NUDT9	ENSG00000170502.12	62,329	34,22	0,846	1,33E-34
RP11-115H13.1	ENSG00000273906.1	7,9	3,95	0,846	4,75E-29
ALOX15	ENSG00000161905.12	1,085	0,16	0,846	1,82E-17

NUS1P1	ENSG00000235636.1	1,965	0,65	0,846	6,57E-16
SUMF1	ENSG00000144455.13	33,29	18,059	0,847	1,67E-40
ADAM2	ENSG00000104755.14	0,835	0,02	0,847	6,14E-21
RBBP4	ENSG00000162521.18	90,23	49,734	0,847	6,57E-20
PEX7	ENSG00000112357.12	15,74	8,3	0,848	1,33E-34
RPS10L	ENSG00000101278.6	2,995	1,22	0,848	4,14E-34
RP4-539M6.19	ENSG00000249590.7	2,96	1,2	0,848	9,55E-13
RLN1	ENSG00000107018.7	7,702	3,83	0,849	0,00315
PAOX	ENSG00000148832.14	14,84	7,79	0,85	1,18E-21
TESC	ENSG00000088992.17	25,325	13,6	0,851	0,0000207
SCARB2	ENSG00000138760.8	130,988	72,138	0,852	1,28E-37
SLC25A17	ENSG00000100372.14	24,855	13,32	0,852	1,75E-31
ATP6V1A	ENSG00000114573.9	22,185	11,845	0,852	1,6E-26
FNIP2	ENSG00000052795.12	11,34	5,835	0,852	1,18E-20
PLEKHB1	ENSG00000021300.13	25,04	13,404	0,854	4,68E-16
RAB6C	ENSG00000222014.5	2,21	0,775	0,855	1,01E-42
NDUFA7	ENSG00000267855.5	126,058	69,221	0,856	7,02E-44
MANSC1	ENSG00000111261.13	34,235	18,464	0,856	2,48E-24
PDSS2	ENSG00000164494.11	16,385	8,605	0,856	1,92E-16
ASF1B	ENSG00000105011.8	2,205	0,77	0,857	7,73E-20
RP1-278E11.3	ENSG00000180211.5	2,48	0,92	0,858	1,63E-26
HNRNPA1P33	ENSG00000213412.3	3,82	1,66	0,858	1,33E-19
SLC33A1	ENSG00000169359.13	19,36	10,235	0,858	3,33E-18
RPL7A	ENSG00000148303.16	3353,611	1848,641	0,859	1,21E-48
AIMP2	ENSG00000106305.9	27,104	14,493	0,859	4,2E-42
DDT	ENSG00000099977.13	228,064	125,321	0,859	9,89E-24
RPL41P2	ENSG00000256338.2	106,119	58,046	0,859	4,38E-12
TXN	ENSG00000136810.12	236,025	129,588	0,86	6,85E-51
RP1-241P17.4	ENSG00000228532.4	9,145	4,59	0,86	4,98E-08
HEBP2	ENSG00000051620.10	110,346	60,31	0,861	3,39E-39
SET	ENSG00000119335.16	179,637	98,424	0,861	1,64E-29
STRA13	ENSG00000169689.14	148,183	81,08	0,862	6,62E-34
TMEM206	ENSG00000065600.12	6,335	3,035	0,862	1,42E-32
NEDD4L	ENSG00000049759.16	142,744	78,083	0,862	3,1E-25
HSD17B4	ENSG00000133835.14	305,26	167,509	0,862	1,91E-14
DOLK	ENSG00000175283.7	18,215	9,565	0,863	3,82E-47
OR7E14P	ENSG00000184669.7	2,7	1,035	0,863	1,64E-39
AC016747.3	ENSG00000212978.6	4,675	2,12	0,863	6,65E-25
RP11-579D7.4	ENSG00000257660.5	2,02	0,66	0,863	1,43E-23
MAGT1	ENSG00000102158.19	37,14	19,97	0,863	2,17E-21
EIF3I	ENSG00000084623.11	225,174	123,279	0,864	9,03E-67
MRPL14	ENSG00000180992.6	55,224	29,9	0,864	1,58E-46
CXADR	ENSG00000154639.18	19,39	10,2	0,864	7,1E-27
RP11-611O2.5	ENSG00000257181.1	3,05	1,225	0,864	8,08E-12
RNU2-2P	ENSG00000222328.1	4,46	2	0,864	0,000101
MRPL44	ENSG00000135900.3	23,68	12,55	0,865	1,95E-46

C9orf91	ENSG00000157693.14	26,065	13,859	0,865	1,09E-38
SLC1A4	ENSG00000115902.10	15,695	8,165	0,865	4,65E-27
NBEAP1	ENSG00000258590.5	1,44	0,34	0,865	3,99E-08
RIPK2	ENSG00000104312.7	15,125	7,845	0,866	2,67E-30
RP11-834C11.14	ENSG00000273046.1	1,05	0,125	0,866	7,37E-26
MAPK8IP2	ENSG00000008735.13	5,37	2,495	0,866	9,9E-20
HIST1H3E	ENSG00000274750.1	4,395	1,96	0,866	1,76E-18
FAM71E1	ENSG00000142530.10	5,655	2,65	0,867	2,16E-42
MRPL12	ENSG00000262814.6	90,795	49,324	0,867	7,44E-39
LRRRC8D	ENSG00000171492.14	7,9	3,875	0,868	3,44E-38
GCAT	ENSG00000100116.16	50,581	27,254	0,868	1,12E-30
TP53TG1_1	ENSG00000273623.1	16,725	8,714	0,868	0,000432
BTF3L4P2	ENSG00000213189.5	39,535	21,199	0,869	2,41E-34
TTC39A	ENSG00000085831.15	36,656	19,624	0,869	2,88E-28
CPT2	ENSG00000157184.5	18,445	9,64	0,87	7,69E-36
TP53INP1	ENSG00000164938.13	29,195	15,525	0,87	1,97E-28
NHLRC1	ENSG00000187566.4	2,3	0,805	0,871	7,04E-42
PTMAP5	ENSG00000214182.5	5,93	2,79	0,871	3,15E-21
ANKH	ENSG00000154122.12	132,982	72,278	0,871	1,14E-19
IFI30	ENSG00000216490.3	53,58	28,849	0,871	1,05E-11
RPL12	ENSG00000197958.12	3149,92	1721,021	0,872	2,91E-36
RAN	ENSG00000132341.11	339,73	185,226	0,872	3,74E-36
DLX2	ENSG00000115844.10	0,885	0,03	0,872	2,3E-25
GRHL2	ENSG00000083307.10	38	20,3	0,873	2,67E-25
RP3-395M20.12	ENSG00000272449.1	3,69	1,56	0,873	3,71E-13
MDH2	ENSG00000146701.11	173,332	94,088	0,875	6,11E-42
ASTN2	ENSG00000148219.16	41,166	21,989	0,875	5,72E-27
SYNJ2BP-COX16	ENSG00000258644.5	5,63	2,615	0,875	3,95E-16
EGR2	ENSG00000122877.13	5,73	2,67	0,875	0,0000174
NANS	ENSG00000095380.10	235,078	127,592	0,876	2,29E-32
MPP6	ENSG00000105926.15	4,58	2,04	0,876	8,71E-26
SDS	ENSG00000135094.10	2,175	0,73	0,876	1,42E-10
OR51A9P	ENSG00000180723.6	0,965	0,07	0,877	1,04E-41
RP11-588K22.2	ENSG00000260244.1	20,35	10,62	0,878	3,32E-30
SLC37A1	ENSG00000160190.13	35,9	19,075	0,878	4,25E-30
GPR37	ENSG00000170775.2	1,72	0,48	0,878	2,07E-25
GNB2	ENSG00000172354.9	409,437	222,228	0,879	1,29E-48
SLC35F5	ENSG00000115084.12	39,526	21,035	0,879	3,4E-22
TIFA	ENSG00000145365.10	8,315	4,065	0,879	1,73E-18
RP11-244H18.1	ENSG00000276888.1	11,065	5,562	0,879	1,56E-06
CYB561D2	ENSG00000114395.10	40,604	21,605	0,88	1,69E-40
CCDC110	ENSG00000168491.9	2,395	0,845	0,88	1,13E-39
ZBED9	ENSG00000232040.2	2,57	0,94	0,88	2,45E-26
C5orf15	ENSG00000113583.7	39,99	21,26	0,881	2,93E-24
SORD	ENSG00000140263.13	272,383	147,431	0,881	9,37E-16
CD9	ENSG00000010278.11	617,266	334,809	0,881	4,59E-12

SLC39A9	ENSG00000029364.11	35,895	19,02	0,882	2,71E-45
ERBB3	ENSG00000065361.14	85,93	46,17	0,882	1,58E-42
SNX4	ENSG00000114520.10	26,2	13,76	0,882	1,07E-23
AC009005.2	ENSG00000267751.5	2,525	0,91	0,884	6,14E-21
DANCR	ENSG00000226950.6	124,637	67,046	0,885	3,01E-29
PCDHGB1	ENSG00000254221.2	1,42	0,31	0,885	3,99E-29
KIF21A	ENSG00000139116.17	12,32	6,215	0,885	8,12E-25
MRPS16	ENSG00000182180.13	87,317	46,785	0,886	1,05E-53
EXOSC4	ENSG00000178896.6	43	22,81	0,886	2,77E-35
GNB2L1	ENSG00000204628.11	2517,454	1360,762	0,887	3,46E-57
LINC00662	ENSG00000261824.6	15,51	7,93	0,887	3,14E-19
EXOSC5	ENSG00000077348.8	26,015	13,595	0,888	3,08E-50
STYXL1	ENSG00000127952.16	64,621	34,465	0,888	2,12E-48
MRPL3	ENSG00000114686.8	69,671	37,17	0,889	2,83E-35
RP4-549L20.3	ENSG00000273204.1	3,38	1,365	0,889	5,05E-14
RPL36A	ENSG00000241343.9	2157,581	1163,817	0,89	3,19E-31
ROPN1B	ENSG00000114547.9	2,225	0,74	0,89	1,28E-20
USP41	ENSG00000161133.16	5,135	2,31	0,89	1,46E-06
PTENP1	ENSG00000237984.3	2,865	1,085	0,891	3,82E-15
ACY1	ENSG00000243989.7	59,74	31,68	0,894	5,48E-43
SLC45A2	ENSG00000164175.14	1,025	0,09	0,894	5,42E-15
SERP1	ENSG00000120742.10	160,752	85,974	0,895	9,44E-40
NDRG3	ENSG00000101079.20	61,084	32,385	0,895	1,53E-17
CRYL1	ENSG00000165475.13	67,515	35,804	0,897	9,33E-28
TMEM52	ENSG00000178821.12	3,46	1,395	0,897	5,42E-25
NPM1P27	ENSG00000249353.2	13,12	6,575	0,898	1,63E-33
GLMP	ENSG00000198715.11	175,149	93,525	0,898	4,59E-30
HOMER2	ENSG00000103942.12	97,825	52,005	0,899	1,41E-38
H1FO	ENSG00000189060.5	241,452	128,898	0,9	1,29E-31
SFXN2	ENSG00000156398.12	16,425	8,335	0,9	2,12E-31
AC011737.2	ENSG00000204196.5	37,63	19,7	0,9	9,39E-31
CHRNA2	ENSG00000120903.10	35,355	18,485	0,9	7,42E-19
FAM201A	ENSG00000204860.4	3,51	1,415	0,901	4,24E-35
MEX3A	ENSG00000254726.2	2,455	0,85	0,901	1,62E-19
IGHV3-21	ENSG00000211947.2	2,015	0,615	0,901	0,00807
AIFM1	ENSG00000156709.13	37,66	19,695	0,902	1,05E-57
CKS2	ENSG00000123975.4	28,68	14,879	0,902	1,35E-22
RPL37	ENSG00000145592.13	2736,089	1462,022	0,904	5,48E-43
MYDGF	ENSG00000074842.7	196,188	104,375	0,904	2,37E-38
PRR16	ENSG00000184838.14	14,659	7,37	0,904	8E-10
SYNE4	ENSG00000181392.14	33,236	17,285	0,905	5,26E-45
ENOPH1	ENSG00000145293.14	36,671	19,115	0,905	6,58E-42
CORO1B	ENSG00000172725.13	212,172	112,86	0,905	2,02E-40
CCDC125	ENSG00000183323.12	14,735	7,4	0,906	5,52E-28
RAB6B	ENSG00000154917.10	5,175	2,295	0,906	6,02E-18
TTLL12	ENSG00000100304.12	49,475	25,92	0,907	2,86E-52

UBE2J1	ENSG00000198833.6	44,759	23,405	0,907	1,33E-36
CTC-498J12.1	ENSG00000250237.1	2,29	0,755	0,907	4,73E-25
SSR4	ENSG00000180879.13	650,091	346,292	0,907	2,58E-24
FAM84B	ENSG00000168672.3	27,08	13,965	0,908	3,9E-44
TMEM57	ENSG00000204178.9	20,381	10,39	0,909	1,68E-50
EXOC6	ENSG00000138190.16	13,415	6,675	0,909	1,09E-24
SLC26A4-AS1	ENSG00000233705.6	3,78	1,545	0,909	8,54E-15
MRPS33	ENSG00000090263.15	94,444	49,786	0,91	1,71E-53
EEF1G	ENSG00000254772.9	2427,91	1291,291	0,91	7,94E-46
ABAT	ENSG00000183044.11	24,219	12,425	0,91	1,11E-19
CTD-2377D24.4	ENSG00000242407.1	9,38	4,525	0,91	1,44E-14
YIPF5	ENSG00000145817.16	22,625	11,565	0,911	5,57E-23
PCAT29	ENSG00000259641.5	1,765	0,47	0,911	2,54E-21
IGLV2-23	ENSG00000211660.3	3,87	1,59	0,911	0,00282
SLC7A1	ENSG00000139514.12	15,725	7,89	0,912	3,94E-35
MRPL42	ENSG00000198015.12	45,686	23,799	0,913	1,23E-34
FHIT	ENSG00000189283.9	13,3	6,595	0,913	5,31E-22
GLB1L2	ENSG00000149328.14	59,765	31,27	0,913	1,83E-20
CBLC	ENSG00000142273.10	22,385	11,413	0,914	4,09E-21
ELFN2	ENSG00000166897.14	2,25	0,725	0,914	5,06E-18
BMPR1APS2	ENSG00000232460.4	1,14	0,135	0,915	5,67E-08
RMI1	ENSG00000178966.15	6,885	3,18	0,916	7,56E-32
ETFB	ENSG00000105379.9	127,702	67,195	0,916	4,95E-28
TM4SF1-AS1	ENSG00000240541.2	2,66	0,94	0,916	4,05E-17
RAB11FIP1	ENSG00000156675.15	8,255	3,905	0,916	4,67E-10
SYAP1	ENSG00000169895.5	21,665	11,005	0,917	2,33E-44
DNAJC10	ENSG00000077232.16	52,31	27,235	0,917	3,98E-28
AC000068.9	ENSG00000273300.1	0,89	0	0,918	3,63E-12
PCDHB5	ENSG00000113209.8	4,885	2,115	0,918	3,79E-10
ACTL10	ENSG00000182584.4	4,47	1,895	0,918	6,4E-10
MTCH2	ENSG00000109919.9	64,52	33,599	0,921	4,18E-45
IDO1	ENSG00000131203.12	3,165	1,2	0,921	2,22E-07
ZNF697	ENSG00000143067.4	6,625	3,025	0,922	8,95E-38
C1orf210	ENSG00000253313.5	15	7,444	0,922	6,98E-27
MCM2	ENSG00000073111.13	8,87	4,21	0,922	2,81E-26
LIPH	ENSG00000163898.9	10,185	4,905	0,922	5,56E-23
SPCS2	ENSG00000118363.11	227,007	119,241	0,923	7,66E-32
PRMT6	ENSG00000198890.7	16,045	7,99	0,923	3,74E-31
TNFSF10	ENSG00000121858.10	123,19	64,509	0,923	1,43E-15
ALDH18A1	ENSG00000059573.8	41,11	21,19	0,924	4,02E-46
ZCCHC6	ENSG00000083223.17	38,105	19,605	0,924	1,67E-38
RP11-326A19.5	ENSG00000259948.2	91,553	47,775	0,924	3,4E-17
SAR1B	ENSG00000152700.13	55,894	28,969	0,925	2,05E-25
SLC25A48	ENSG00000145832.12	1,81	0,48	0,925	2,83E-15
C4A	ENSG00000244731.7	104,285	54,435	0,925	2,66E-07
LRRC8B	ENSG00000197147.12	5,5	2,42	0,926	9,46E-40

NCALD	ENSG00000104490.17	13,29	6,52	0,926	1,24E-11
GOLPH3	ENSG00000113384.13	116,633	60,86	0,927	1,05E-32
LMAN2	ENSG00000169223.14	168,797	88,29	0,927	1,17E-31
PTGR1	ENSG00000106853.16	81,999	42,639	0,927	2E-10
DHTKD1	ENSG00000181192.11	19,171	9,6	0,928	1,12E-31
CHID1	ENSG00000177830.17	121,023	63,1	0,929	4,37E-50
RP11-977G19.10	ENSG00000144785.8	0,905	0	0,93	1,39E-07
RP11-624G17.3	ENSG00000255301.1	1,7	0,415	0,932	1,49E-31
CCT3	ENSG00000163468.14	200,859	104,64	0,934	3,86E-66
SCAMP1	ENSG00000085365.17	23,774	11,97	0,934	2,08E-31
PCBD1	ENSG00000166228.8	149,722	77,858	0,935	5,7E-44
LINC00665	ENSG00000232677.6	29,601	15	0,935	6,83E-42
KIAA1467	ENSG00000084444.13	8,635	4,04	0,935	3,43E-26
TMEM50A	ENSG00000183726.10	109,31	56,667	0,936	9,68E-44
MYC	ENSG00000136997.14	54,238	27,874	0,936	1,17E-13
YBEY	ENSG00000182362.13	30,07	15,225	0,937	2,37E-40
SUMO1P3	ENSG00000235082.2	3,795	1,505	0,937	6,89E-19
HNRNPA1P4	ENSG00000206228.4	1,09	0,09	0,939	1,92E-44
NTPCR	ENSG00000135778.11	57,348	29,428	0,939	5,91E-30
RAB18	ENSG00000099246.16	60,534	31,097	0,939	1,79E-19
ABHD17C	ENSG00000136379.11	27,25	13,724	0,94	6,35E-28
HIST1H2AC	ENSG00000180573.9	116,84	60,421	0,94	2,72E-21
ARHGDIG	ENSG00000242173.8	2,34	0,74	0,941	1,02E-11
HIST1H2AE	ENSG00000277075.1	41,85	21,315	0,941	2,64E-11
RP11-191G24.1	ENSG00000227070.1	3,245	1,21	0,942	1,05E-22
PDZK1IP1	ENSG00000162366.7	23,909	11,965	0,942	0,00049
CMPK1	ENSG00000162368.13	120,35	62,124	0,943	6,02E-42
LAMP5	ENSG00000125869.9	2,49	0,815	0,943	4,71E-09
EEF1A2	ENSG00000101210.10	24,14	12,075	0,943	4,42E-08
SNORA73A	ENSG00000274266.1	2,325	0,73	0,943	3,62E-06
IGHV3-30	ENSG00000270550.1	4,685	1,955	0,944	0,0249
ECI2	ENSG00000198721.12	86,71	44,544	0,945	2,46E-39
MMP26	ENSG00000167346.7	1,185	0,135	0,945	1,46E-15
MYRIP	ENSG00000170011.13	4,075	1,635	0,946	2,86E-35
QDPR	ENSG00000151552.11	53,706	27,4	0,946	2,78E-25
IFI6	ENSG00000126709.14	112,049	57,665	0,946	0,0000107
DNPH1	ENSG00000112667.12	92,295	47,39	0,947	8,61E-41
HLA-DMB	ENSG00000242574.8	35,32	17,84	0,947	2,03E-16
TBX1	ENSG00000184058.12	10,72	5,08	0,947	3,14E-07
TPRN	ENSG00000176058.11	21,405	10,615	0,948	2,23E-27
TMEM141	ENSG00000244187.7	327,964	169,541	0,948	1,17E-23
SMIM15	ENSG00000188725.7	37,486	18,94	0,949	3,04E-24
OLFM2	ENSG00000105088.8	23,22	11,55	0,949	4,33E-23
CDK1	ENSG00000170312.15	3,76	1,465	0,949	1,2E-16
YWHAZP5	ENSG00000213260.3	1,645	0,37	0,949	1,91E-13
RPS18	ENSG00000231500.6	5655,739	2927,695	0,95	1,1E-42

ANP32A	ENSG00000140350.15	123,433	63,41	0,95	1,15E-32
REEP6	ENSG00000115255.10	53,33	27,116	0,95	7,06E-28
RPL29	ENSG00000162244.10	2552,507	1320,299	0,951	5,33E-46
HIST1H1C	ENSG00000187837.3	254,778	131,251	0,952	1,48E-11
PTRH2	ENSG00000141378.14	34,61	17,385	0,954	9,13E-54
PVRL2	ENSG00000130202.9	168,504	86,527	0,954	2,24E-51
C4B	ENSG00000224389.8	106,653	54,558	0,954	7,41E-07
SSR2	ENSG00000163479.13	391,521	201,313	0,956	2,26E-55
ZIC2	ENSG00000043355.10	0,98	0,02	0,957	3,49E-24
RPL24P4	ENSG00000181524.6	21,3	10,49	0,957	4,31E-15
RPL39P3	ENSG00000235174.1	718,352	369,478	0,957	2,27E-11
REG4	ENSG00000134193.14	2,505	0,805	0,958	3,08E-12
RP11-212P7.1	ENSG00000213280.2	1,78	0,43	0,959	3,08E-38
BICD1	ENSG00000151746.13	13,59	6,505	0,959	2,1E-24
TXNDC17	ENSG00000129235.10	165,92	84,785	0,96	3,35E-30
BCAP29	ENSG00000075790.10	47,975	24,183	0,96	1,67E-29
APMAP	ENSG00000101474.11	87,86	44,645	0,961	3,06E-47
GJB2	ENSG00000165474.5	2,31	0,7	0,961	5,11E-16
KIF9	ENSG00000088727.12	18,186	8,85	0,962	1,51E-52
ESRP1	ENSG00000104413.15	44,441	22,324	0,962	4,97E-41
SNRPGP2	ENSG00000264350.1	10,895	5,105	0,962	1,42E-20
GUCY1A3	ENSG00000164116.16	34,321	17,114	0,963	5,3E-32
C1QTNF9B-AS1	ENSG00000205861.11	21,54	10,563	0,963	0,0000728
TMBIM6	ENSG00000139644.12	505,335	258,46	0,965	1,32E-35
DNAH8	ENSG00000124721.17	1,305	0,18	0,966	1,83E-15
PIK3AP1	ENSG00000155629.14	3,8	1,455	0,967	2,29E-33
TXNDC16	ENSG00000087301.8	20,095	9,79	0,967	3,29E-23
RP11-234B24.6	ENSG00000255639.2	4,23	1,675	0,967	1,5E-18
RPS2	ENSG00000140988.15	3361,64	1717,565	0,968	6,64E-55
ICA1	ENSG00000003147.17	56,535	28,419	0,968	8,77E-48
RABEP2	ENSG00000177548.12	72,856	36,745	0,968	1,23E-37
LRRC75A-AS1	ENSG00000175061.17	899,356	459,126	0,968	5,11E-33
CCNG2	ENSG00000138764.13	62,691	31,565	0,968	1,81E-19
IGHV3-23	ENSG00000211949.3	4,515	1,82	0,968	0,000287
CCNB2	ENSG00000157456.7	4,03	1,57	0,969	2,51E-29
MIA3	ENSG00000154305.16	88,04	44,455	0,97	1,28E-34
FZD8	ENSG00000177283.5	3,455	1,275	0,97	7,41E-34
SFRP4	ENSG00000106483.11	22,394	10,944	0,97	9,64E-06
LRFN1	ENSG00000128011.4	2,96	1,02	0,971	1,15E-58
SLC25A33	ENSG00000171612.6	8,545	3,87	0,971	1,19E-50
HDDC3	ENSG00000184508.10	25,77	12,66	0,971	5,43E-40
CMTM6	ENSG00000091317.7	42,031	20,955	0,971	1,23E-28
RP11-51O6.1	ENSG00000224631.4	52,039	26,054	0,971	1,7E-26
C17orf58	ENSG00000186665.8	14,295	6,795	0,972	1,08E-30
RPL7P9	ENSG00000137970.7	61,25	30,71	0,973	3,1E-36
SLC16A1	ENSG00000155380.11	15,78	7,55	0,973	2,09E-17

EMC3	ENSG00000125037.12	65,954	33,09	0,974	2,34E-30
DNAJC3	ENSG00000102580.14	37,98	18,845	0,974	5,05E-30
CRYM	ENSG00000103316.10	40,45	20,104	0,974	2,41E-14
TUBB3	ENSG00000258947.6	4,805	1,955	0,974	1,28E-13
RBM47	ENSG00000163694.14	55,976	27,98	0,975	1,46E-40
APLN	ENSG00000171388.11	2,65	0,855	0,976	9,5E-24
CACNA1D	ENSG00000157388.13	5,43	2,269	0,976	1,4E-18
MNX1	ENSG00000130675.14	1,065	0,05	0,976	6,86E-14
COPG1	ENSG00000181789.14	281,608	142,561	0,977	3,71E-59
PNPLA4	ENSG00000006757.11	20,98	10,165	0,977	2,82E-38
C1GALT1C1	ENSG00000171155.7	24,98	12,2	0,977	7,59E-38
HMG2P5	ENSG00000234664.1	110,35	55,589	0,977	8E-26
TMEM59	ENSG00000116209.11	508,656	257,708	0,978	1,04E-27
DENND1C	ENSG00000205744.9	18,385	8,845	0,978	1,42E-23
ATP5G2	ENSG00000135390.17	810,742	410,716	0,979	5,05E-77
FAM83H	ENSG00000180921.6	18,5	8,89	0,979	2,04E-40
RPL13AP20	ENSG00000234498.3	2,37	0,71	0,979	1,02E-22
TXNDC5	ENSG00000239264.8	102,575	51,51	0,98	5,79E-30
CTD-2589M5.4	ENSG00000255007.1	3,21	1,135	0,98	1,08E-25
RPL8	ENSG00000161016.15	3800,174	1925,342	0,981	9,1E-35
TMEM123	ENSG00000152558.14	107,365	53,893	0,981	6,92E-27
CHRNA5	ENSG00000169684.13	3,42	1,24	0,981	4,71E-24
CD68	ENSG00000129226.13	22,15	10,73	0,981	1,12E-17
FGFRL1	ENSG00000127418.14	25,995	12,66	0,983	4,5E-28
PART1	ENSG00000152931.7	32,105	15,743	0,983	4,14E-19
RNU4-2	ENSG00000202538.1	33,665	16,538	0,983	2,72E-07
RP11-96L14.7	ENSG00000236782.5	1,995	0,515	0,983	4,06E-07
CENPN	ENSG00000166451.13	27,525	13,41	0,985	6,78E-20
LGALS2	ENSG00000100079.6	1,97	0,5	0,986	4,08E-09
LRRC26	ENSG00000184709.7	56,176	27,86	0,986	1,59E-08
HNRNPF	ENSG00000169813.16	154,353	77,388	0,987	2,69E-33
NUDT19	ENSG00000213965.3	14,135	6,63	0,988	3,68E-62
PIGK	ENSG00000142892.14	16,41	7,78	0,988	1,28E-29
YIPF1	ENSG00000058799.13	78,316	38,934	0,99	4,98E-36
MKI67	ENSG00000148773.12	2,05	0,535	0,991	7,07E-28
MRPS35	ENSG00000061794.12	46,845	23,05	0,992	5,22E-51
COX16	ENSG00000133983.14	77,345	38,39	0,992	3,91E-49
ATP11B	ENSG00000058063.15	27,176	13,17	0,992	5,24E-33
TCAF1	ENSG00000198420.9	35,385	17,3	0,992	7E-31
SCP2	ENSG00000116171.16	189,531	94,68	0,994	2,78E-32
ODC1	ENSG00000115758.12	155,837	77,705	0,995	5,55E-24
CD320	ENSG00000167775.10	80,977	40,097	0,996	3,29E-36
FKBP11	ENSG00000134285.10	87,641	43,436	0,996	7,71E-24
RP13-870H17.3	ENSG00000254872.3	5,125	2,07	0,996	0,0000626
TMEM178A	ENSG00000152154.10	17,374	8,205	0,997	1,81E-11
ARHGEF38	ENSG00000236699.8	11,24	5,13	0,998	4,96E-29

OR2I1P	ENSG00000237988.3	2,175	0,59	0,998	0,0000774
RP11-223I10.1	ENSG00000261829.1	1,6	0,3	1	2,6E-18
RP5-857K21.6	ENSG00000237973.1	89,185	44,108	1	0,0000374
RP11-480I12.5	ENSG00000214796.8	5,03	2,01	1,002	1,93E-33
RP11-295G20.2	ENSG00000233461.5	11,485	5,235	1,002	1,01E-28
ANKRD22	ENSG00000152766.5	5,83	2,41	1,002	1,51E-16
SRD5A3	ENSG00000128039.10	17,415	8,19	1,003	1,78E-46
UBE2N	ENSG00000177889.9	101,584	50,165	1,004	5,16E-30
RP11-385F7.1	ENSG00000270761.1	7,745	3,36	1,004	1,14E-25
LUC7L2	ENSG00000269955.2	19,69	9,313	1,004	3,78E-09
TMEM87B	ENSG00000153214.9	27,05	12,975	1,005	5,31E-33
RP11-1012A1.4	ENSG00000258466.5	1,77	0,38	1,005	5,95E-26
SAMD5	ENSG00000203727.3	3,405	1,195	1,005	1,48E-21
PKMYT1	ENSG00000127564.16	6,03	2,5	1,006	6,3E-13
RP11-817I4.1	ENSG00000274964.1	2,825	0,9	1,009	2,85E-31
44077	ENSG00000100167.19	2,24	0,61	1,009	2,72E-30
AC144450.1	ENSG00000228613.1	1,245	0,115	1,01	1,1E-35
CORO2A	ENSG00000106789.12	20,554	9,7	1,01	2,43E-35
CLCN3	ENSG00000109572.13	34,185	16,468	1,01	1,87E-32
RPS7P11	ENSG00000213326.4	4,33	1,645	1,011	7,43E-28
SLC26A2	ENSG00000155850.7	12,71	5,805	1,011	1,1E-19
UBE2MP1	ENSG00000261461.1	2,015	0,495	1,012	3,05E-48
LINC01006	ENSG00000182648.11	20,386	9,604	1,012	2,8E-32
PPM1E	ENSG00000175175.5	2,39	0,68	1,013	2,97E-34
TBCAP1	ENSG00000226781.1	1,895	0,435	1,013	1,36E-16
CANX	ENSG00000127022.14	278,927	137,576	1,014	8,15E-38
VPS9D1-AS1	ENSG00000261373.1	10,48	4,685	1,014	6,76E-28
HACD3	ENSG00000074696.12	44,656	21,609	1,014	1,1E-21
ACSM3	ENSG00000005187.11	49,571	24,045	1,014	9,33E-17
RPL36	ENSG00000130255.12	2285,429	1130,503	1,015	1,06E-43
RPL23AP42	ENSG00000234851.4	1723,23	852,052	1,015	2,07E-40
HK2	ENSG00000159399.9	9,365	4,13	1,015	1,59E-19
SEC14L2	ENSG00000100003.17	58,385	28,388	1,015	1,1E-12
DEGS1	ENSG00000143753.12	109,242	53,456	1,018	2,23E-23
RP11-303E16.2	ENSG00000261061.1	30,53	14,565	1,018	8,01E-15
RP11-265N6.1	ENSG00000261684.1	4,67	1,8	1,018	0,000205
RAB39B	ENSG00000155961.4	2,65	0,8	1,02	1,91E-27
RP11-356O9.1	ENSG00000258414.1	14,705	6,744	1,02	2,73E-19
DNMBP-AS1	ENSG00000227695.5	2,46	0,705	1,021	9E-30
SEC11C	ENSG00000166562.8	445,088	218,758	1,021	1,59E-22
AC004540.5	ENSG00000214870.8	3,315	1,125	1,022	1,89E-24
EIF1AXP1	ENSG00000236698.1	3,895	1,41	1,022	2,55E-11
BRI3BP	ENSG00000184992.10	4,385	1,65	1,023	2,63E-47
ALG14	ENSG00000172339.9	5,39	2,145	1,023	2,08E-33
NDUFC2	ENSG00000151366.12	213,271	104,314	1,025	5,61E-31
ACACA	ENSG00000278540.4	66,641	32,209	1,026	9,35E-41

MTHFS	ENSG00000136371.9	63,39	30,609	1,026	7,51E-26
ZWINT	ENSG00000122952.16	7,065	2,96	1,026	1,83E-25
STEAP2	ENSG00000157214.13	154,749	75,454	1,027	6,41E-36
SHFM1	ENSG00000127922.9	247,613	121,04	1,027	8,07E-27
TMEM125	ENSG00000179178.10	45,295	21,699	1,028	6,18E-27
NUP210	ENSG00000132182.11	12,205	5,47	1,029	1,02E-35
KB-1562D12.1	ENSG00000254024.1	10,325	4,55	1,029	3,02E-15
CMTM4	ENSG00000183723.12	24,401	11,44	1,03	2,41E-40
GALNT1	ENSG00000141429.13	31,215	14,76	1,031	3,59E-37
TCEA1P2	ENSG00000230409.3	4,14	1,515	1,031	4,43E-16
ADAM10	ENSG00000137845.14	37,919	18,05	1,031	6,1E-13
AC004854.4	ENSG00000234183.1	1,045	0	1,032	3,01E-06
SNHG19	ENSG00000260260.1	266,307	129,655	1,033	4,21E-12
AGA	ENSG00000038002.8	18,79	8,665	1,034	2,54E-33
TOX3	ENSG00000103460.16	3,505	1,2	1,034	8,27E-28
FAM117B	ENSG00000138439.11	10,32	4,525	1,035	2,67E-30
ASPHD1	ENSG00000174939.10	5,48	2,16	1,036	7,9E-35
LYPLA1	ENSG00000120992.17	53,07	25,375	1,036	8,21E-32
OR51C1P	ENSG00000197674.5	1,4	0,17	1,036	1,02E-19
PIGM	ENSG00000143315.6	9,81	4,265	1,038	1,67E-58
LCP1	ENSG00000136167.13	132,931	64,226	1,038	2,08E-25
OTX1	ENSG00000115507.9	1,96	0,44	1,04	2,86E-20
ALDH6A1	ENSG00000119711.12	29,28	13,699	1,043	1,76E-33
SLC35A3	ENSG00000117620.12	19,65	9,025	1,043	1,51E-25
CAMK2B	ENSG00000058404.19	6,87	2,82	1,043	7,38E-17
TWIST1	ENSG00000122691.12	6,48	2,629	1,043	1,47E-14
C1orf53	ENSG00000203724.10	5,3	2,055	1,044	2,13E-40
ZBTB42	ENSG00000179627.9	15,61	7,05	1,045	2,31E-46
NLN	ENSG00000123213.22	6,945	2,85	1,045	1,13E-38
LRRN1	ENSG00000175928.5	7,285	3,015	1,045	1,99E-14
AC005538.3	ENSG00000279809.1	2,51	0,7	1,046	9,53E-25
FAM222A	ENSG00000139438.5	3,76	1,305	1,046	1,98E-23
RP11-13811.4	ENSG00000265401.1	172,576	83,077	1,046	1,88E-21
CCDC47	ENSG00000108588.13	69,971	33,35	1,047	2,7E-31
PRRT3-AS1	ENSG00000230082.1	4,965	1,885	1,048	3,62E-20
RAB3IP	ENSG00000127328.21	37,755	17,724	1,049	3,16E-49
CCNB1	ENSG00000134057.14	8,765	3,715	1,05	1,25E-35
NSMCE1	ENSG00000169189.16	142,903	68,509	1,05	1,59E-35
TMEM150C	ENSG00000249242.7	18	8,175	1,05	8,29E-25
SSR1	ENSG00000124783.12	58,25	27,604	1,051	4,05E-34
TMED3	ENSG00000166557.12	234,013	112,364	1,052	6,25E-41
RPL22L1	ENSG00000163584.17	112,43	53,701	1,052	3,13E-28
IDH1-AS1	ENSG00000231908.1	5,16	1,97	1,053	1,04E-28
RPL7P23	ENSG00000244363.3	2,04	0,465	1,053	7,78E-25
FBXO25	ENSG00000147364.16	49,225	23,164	1,056	9,38E-39
LMNB1	ENSG00000113368.11	5,645	2,195	1,056	5,69E-23

RPL39	ENSG00000198918.7	3977,785	1911,712	1,057	1,1E-44
CERS4	ENSG00000090661.11	142,009	67,756	1,057	2,32E-44
TMED9	ENSG00000184840.11	263,47	126,11	1,057	4,84E-44
TRIQK	ENSG00000205133.11	22,165	10,135	1,057	6,52E-34
AIM1	ENSG00000112297.14	28,894	13,365	1,057	2,79E-32
CTD-2020K17.4	ENSG00000233483.2	11,705	5,104	1,057	3,58E-20
RP11-452I5.2	ENSG00000266036.1	4,47	1,63	1,057	1,38E-08
SEL1L	ENSG00000071537.13	34,605	16,09	1,059	5,84E-37
SLC6A11	ENSG00000132164.9	1,98	0,43	1,059	6,35E-23
CLDN7	ENSG00000181885.18	104,858	49,805	1,059	2,82E-12
ELFN1-AS1	ENSG00000236081.1	1,085	0	1,06	3,71E-17
ALCAM	ENSG00000170017.12	52,965	24,84	1,062	5,47E-33
MYBL2	ENSG00000101057.15	1,86	0,37	1,062	3,67E-22
PDIA6	ENSG00000143870.12	183,915	87,507	1,063	4,99E-38
DHCR7	ENSG00000172893.15	35,695	16,559	1,063	7,9E-33
RP4-616B8.4	ENSG00000261431.1	1,09	0	1,064	0,0000128
CDS1	ENSG00000163624.5	11,63	5,03	1,067	8,38E-39
RPL35P1	ENSG00000237991.3	3,065	0,94	1,067	1,35E-25
AP1S1	ENSG00000106367.13	62,684	29,381	1,068	7,18E-42
SLC13A3	ENSG00000158296.13	12,555	5,465	1,068	1,79E-33
DNAH5	ENSG00000039139.9	2,69	0,76	1,068	1,39E-25
CBS	ENSG00000274276.4	6,877	2,757	1,068	0,0005
TMEM256	ENSG00000205544.3	199,127	94,378	1,069	3,66E-28
SLC35E1	ENSG00000127526.13	43,415	20,16	1,07	3E-61
SIL1	ENSG00000120725.12	94,369	44,424	1,07	1,44E-34
BHLHA15	ENSG00000180535.3	12,045	5,214	1,07	3,78E-18
PPP1R14B	ENSG00000173457.10	99,718	46,931	1,071	1,21E-32
RHPN2	ENSG00000131941.7	51,46	23,955	1,072	2,08E-33
OLA1	ENSG00000138430.15	82,675	38,775	1,073	1,07E-45
KDEL3	ENSG00000100196.10	20,98	9,445	1,073	1,07E-20
C5orf30	ENSG00000181751.9	8,485	3,505	1,074	1,34E-27
NXPH4	ENSG00000182379.9	7,99	3,27	1,074	3,21E-09
RP11-23F23.2	ENSG00000254480.1	4,605	1,655	1,078	1,12E-34
PPP1R1B	ENSG00000131771.13	181,659	85,455	1,079	8,75E-08
RP11-589M4.1	ENSG00000259049.1	14,7	6,43	1,079	0,0000083
NEK5	ENSG00000197168.11	2,35	0,585	1,08	4,5E-45
RP11-128M1.1	ENSG00000226644.5	2,65	0,725	1,081	8,93E-22
PSMC1P1	ENSG00000241506.1	21,195	9,495	1,081	4,28E-18
RP11-173P15.5	ENSG00000256569.1	1,115	0	1,081	6,86E-09
RPS24P8	ENSG00000224094.1	3,045	0,91	1,083	9,27E-39
MGST2	ENSG00000085871.8	150,122	70,282	1,084	2,74E-51
CREB3L4	ENSG00000143578.15	260,032	122,14	1,084	1,26E-50
SMIM14	ENSG00000163683.11	50,185	23,15	1,084	1,98E-33
GABRG3	ENSG00000182256.12	5,375	2,005	1,085	8,96E-18
C7orf55	ENSG00000164898.12	70,236	32,54	1,087	2,47E-44
SC5D	ENSG00000109929.9	85,209	39,56	1,088	2,75E-22

UTRN	ENSG00000152818.18	38,964	17,795	1,088	1,32E-19
FGF13	ENSG00000129682.13	25,165	11,3	1,089	1,94E-35
SNRPEP2	ENSG00000256968.1	7,485	2,99	1,089	1,77E-26
SOWAHB	ENSG00000186212.3	2,3	0,55	1,09	3,6E-37
SAMD13	ENSG00000203943.8	5,18	1,9	1,092	2,73E-22
CTD-2396E7.11	ENSG00000275234.1	31,895	14,405	1,094	2,38E-50
BMPR1B-AS1	ENSG00000249599.1	8,8	3,59	1,094	2,25E-25
AC003991.3	ENSG00000228113.7	2,79	0,775	1,094	2,73E-06
LFNG	ENSG00000106003.12	41,025	18,66	1,096	4,77E-27
FTH1P8	ENSG00000219507.4	6,59	2,55	1,096	1,97E-14
ERP29	ENSG00000089248.6	216,954	100,911	1,097	3,62E-40
C2	ENSG00000166278.14	18,325	8,028	1,098	9,93E-24
KDELR2	ENSG00000136240.9	177,81	82,458	1,099	3,04E-60
IGHG3	ENSG00000211897.7	18,61	8,155	1,099	0,0437
EPHA10	ENSG00000183317.16	2,57	0,665	1,1	4,21E-42
LRP11	ENSG00000120256.9	36,875	16,665	1,1	2,02E-41
ATP6AP1	ENSG00000071553.16	196,508	91,047	1,101	2,8E-59
RP3-325F22.5	ENSG00000272189.1	5,65	2,1	1,101	2,21E-53
ATP2C1	ENSG00000017260.19	152,608	70,604	1,101	3,26E-37
HN1	ENSG00000189159.15	72,273	33,16	1,101	2,53E-34
HN1L	ENSG00000206053.12	91,601	42,137	1,102	7,08E-58
NME1	ENSG00000239672.7	106,31	48,931	1,104	3,75E-60
BIRC5	ENSG00000089685.14	2,44	0,6	1,104	2,54E-24
ZMPSTE24	ENSG00000084073.8	42,31	19,11	1,107	4,99E-41
GMDS	ENSG00000112699.10	60,545	27,554	1,108	3,84E-33
PPAPDC2	ENSG00000205808.5	21,84	9,585	1,11	2,99E-36
KLK3	ENSG00000142515.14	16949,439	7851,757	1,11	1,75E-29
ST8SIA6-AS1	ENSG00000204832.9	2,755	0,74	1,11	2,09E-09
OCIAD2	ENSG00000145247.11	70,93	32,3	1,111	1,09E-42
RNF157	ENSG00000141576.14	5,165	1,855	1,111	6,2E-18
PCAT1	ENSG00000253438.2	1,485	0,15	1,112	4,36E-26
CYB5A	ENSG00000166347.18	173,434	79,585	1,114	3,9E-18
ECHS1	ENSG00000127884.4	178,91	81,982	1,116	1,04E-32
KLK4	ENSG00000167749.11	1022,545	470,646	1,118	2,23E-31
APLP2	ENSG00000084234.16	390,857	179,276	1,12	5,56E-38
FOSB	ENSG00000125740.13	21,195	9,206	1,121	0,00996
TMCO1	ENSG00000143183.16	105,876	48,055	1,123	1,87E-28
TMEM254	ENSG00000133678.13	60,708	27,315	1,124	7,12E-44
TPX2	ENSG00000088325.15	2,27	0,5	1,124	1,44E-28
WWC1	ENSG00000113645.13	50,85	22,765	1,126	1,49E-43
TM9SF3	ENSG00000077147.14	96,505	43,664	1,126	8,44E-42
LRR8E	ENSG00000171017.10	7,015	2,67	1,127	1,03E-44
ZNF217	ENSG00000171940.13	23,555	10,235	1,128	2,49E-22
TMEM33	ENSG00000109133.12	19,125	8,195	1,13	6,71E-32
DSP	ENSG00000096696.13	50,984	22,75	1,13	1,59E-29
SLC9A7	ENSG00000065923.9	9,115	3,62	1,131	1,31E-49

RP11-91I8.3	ENSG00000266441.1	2,69	0,685	1,131	2,38E-24
FUCA1	ENSG00000179163.11	59,676	26,684	1,132	1,43E-33
SLC12A2	ENSG00000064651.13	25,83	11,239	1,132	1,31E-27
ZBTB10	ENSG00000205189.11	15,244	6,405	1,133	7,62E-30
HIST1H2AM	ENSG00000278677.1	2,335	0,52	1,134	1,37E-26
SLC30A4	ENSG00000104154.6	49,905	22,178	1,135	3,25E-28
ICAM3	ENSG00000076662.9	24,815	10,735	1,137	1E-62
TM9SF2	ENSG00000125304.8	108,225	48,679	1,137	9,46E-36
BAMBI	ENSG00000095739.10	10,51	4,235	1,137	1,52E-06
RPN2	ENSG00000118705.16	272,676	123,361	1,138	2,37E-47
RP11-490G8.1	ENSG00000241556.1	1,84	0,29	1,139	7,58E-36
KCNJ11	ENSG00000187486.5	6,785	2,53	1,141	9,91E-41
RP3-461F17.3	ENSG00000268439.5	13,7	5,65	1,144	9,11E-29
DHDH	ENSG00000104808.7	7,86	3	1,147	3,14E-22
RAB11A	ENSG00000103769.9	223,936	100,478	1,148	5,27E-43
SLC39A7	ENSG00000112473.16	246,517	110,602	1,149	4,24E-49
AQP11	ENSG00000178301.3	4,93	1,675	1,149	3,2E-21
RPN1	ENSG00000163902.11	203,84	91,211	1,151	1,47E-51
BOLA2B	ENSG00000169627.7	95,266	42,339	1,151	2,5E-43
BTB	ENSG00000169814.12	25,61	10,985	1,151	5,98E-43
EEF1A1P5	ENSG00000196205.8	202,776	90,773	1,151	4,7E-19
RPL13AP5	ENSG00000236552.2	228,57	102,273	1,152	3,82E-34
NUCB2	ENSG00000070081.15	119,979	53,413	1,153	4,65E-17
GFPT1	ENSG00000198380.12	33,03	14,273	1,156	5,86E-41
PDIA4	ENSG00000155660.10	151,046	67,179	1,157	3,1E-52
SMCO4	ENSG00000166002.6	142,236	63,201	1,158	1,57E-47
GENE	ENSG00000159921.14	19,56	8,21	1,159	7,21E-25
SLC12A8	ENSG00000221955.10	9,27	3,595	1,16	3,49E-55
PABPC1L2B	ENSG00000184388.5	6,955	2,56	1,16	2,72E-20
PLA2G12A	ENSG00000123739.10	39,431	17,074	1,162	3,94E-41
AP1M2	ENSG00000129354.11	97,146	42,836	1,163	1,24E-50
FAM83H-AS1	ENSG00000203499.10	19,58	8,185	1,164	1,78E-31
HIST1H3H	ENSG00000278828.1	5,645	1,965	1,164	2,53E-17
MAP2K6	ENSG00000108984.13	8,14	3,075	1,165	4,16E-27
TMEM87A	ENSG00000103978.15	105,931	46,641	1,166	8,64E-38
CRB3	ENSG00000130545.15	28,159	11,985	1,167	6,94E-48
PCDHB2	ENSG00000112852.6	3,725	1,105	1,167	1,9E-17
PIGR	ENSG00000162896.5	13,45	5,425	1,169	0,00424
CD24	ENSG00000272398.5	194,59	85,953	1,17	9,85E-15
G3BP2	ENSG00000138757.14	79,726	34,859	1,171	4,28E-30
NKILA	ENSG00000278709.1	11,005	4,33	1,171	2,61E-24
SLC25A10	ENSG00000183048.11	51,049	22,08	1,173	2,31E-57
INSM1	ENSG00000173404.4	1,48	0,1	1,173	1,09E-29
ENPP5	ENSG00000112796.9	26,71	11,28	1,174	1,34E-19
TACSTD2	ENSG00000184292.6	254,09	111,906	1,176	2,49E-30
ARF6	ENSG00000165527.6	58,604	25,365	1,177	1,04E-56

ENDOD1	ENSG00000149218.4	49,935	21,52	1,177	1,42E-27
TRGVB	ENSG00000231202.1	1,68	0,185	1,177	2,67E-24
RP11-498C9.13	ENSG00000263585.1	1,915	0,29	1,177	0,0155
TRGV10	ENSG00000211694.2	3,9	1,165	1,178	2,78E-15
SRPRB	ENSG00000144867.11	53,5	23,075	1,179	1,95E-49
PAPSS1	ENSG00000138801.8	49,165	21,159	1,179	2,48E-32
SDHAF3	ENSG00000196636.7	25,375	10,644	1,18	1,09E-39
SLIT1	ENSG00000187122.16	1,81	0,24	1,18	5,96E-35
POTEH-AS1	ENSG00000236666.1	10,43	4,04	1,181	2,48E-08
HIST2H2AA4	ENSG00000272196.2	173,608	76,029	1,181	0,0000592
HACD2	ENSG00000206527.9	31,67	13,4	1,182	1,12E-29
SLC19A1	ENSG00000173638.18	18,765	7,68	1,187	4,58E-52
FAM3D	ENSG00000198643.6	24,399	10,149	1,188	0,00111
GSTZ1	ENSG00000100577.18	69,199	29,785	1,189	3,72E-45
TOP2A	ENSG00000131747.14	3,54	0,99	1,19	6,62E-24
LAMP2	ENSG00000005893.15	118,853	51,344	1,195	2,93E-29
CDC20	ENSG00000117399.13	3,43	0,93	1,199	3,91E-23
ADRB2	ENSG00000169252.5	8,74	3,24	1,2	1,75E-31
TMC5	ENSG00000103534.16	42,645	18	1,2	1,69E-30
FAM155B	ENSG00000130054.4	4,08	1,21	1,201	1,42E-36
RPL15P3	ENSG00000212802.4	23,085	9,47	1,202	3,46E-37
MATK	ENSG00000007264.13	4,06	1,2	1,202	2,58E-22
RP11-452G18.2	ENSG00000197149.5	9,345	3,495	1,203	1,08E-26
UQCC3	ENSG00000204922.4	27,365	11,315	1,204	5,94E-44
ALDH1A3	ENSG00000184254.16	222,582	95,849	1,207	5,42E-31
STT3A	ENSG00000134910.12	138,006	59,085	1,21	1,38E-53
GGCT	ENSG00000006625.17	82,954	35,28	1,21	5,82E-50
TSPAN8	ENSG00000127324.8	127,45	54,528	1,21	7,28E-16
SEC23B	ENSG00000101310.14	73,124	30,99	1,212	4,72E-38
BMPR1B	ENSG00000138696.10	28,779	11,855	1,212	2E-36
AC144530.1	ENSG00000234742.1	2,605	0,555	1,213	1,76E-32
CLGN	ENSG00000153132.12	19,7	7,93	1,213	1,21E-26
AP000438.2	ENSG00000257002.1	3,525	0,95	1,214	2,47E-28
NKX3-1	ENSG00000167034.9	432,737	185,811	1,215	1,37E-50
SOAT1	ENSG00000057252.12	26,015	10,63	1,216	3,07E-43
SPINT2	ENSG00000167642.12	506,212	217,021	1,218	4,3E-43
C9orf152	ENSG00000188959.9	32,91	13,565	1,219	1,48E-50
CHMP4C	ENSG00000164695.4	20,594	8,27	1,22	3,1E-38
P4HB	ENSG00000185624.14	1319,658	565,349	1,221	7,61E-69
NETO2	ENSG00000171208.9	3,865	1,085	1,222	5,23E-41
DOPEY2	ENSG00000142197.12	20,095	8,034	1,223	3,42E-38
OAS2	ENSG00000111335.12	11,38	4,305	1,223	1,13E-15
CTD-2224J9.4	ENSG00000241434.1	13,005	5	1,223	0,0000715
MMP7	ENSG00000137673.8	58,761	24,569	1,225	0,000119
PRR15L	ENSG00000167183.2	48,724	20,26	1,226	1,09E-38
ELL3	ENSG00000128886.11	11,925	4,525	1,226	4,01E-31

RPL10P3	ENSG00000230734.1	1,635	0,125	1,228	5,37E-25
CENPF	ENSG00000117724.12	2,745	0,595	1,231	6,12E-24
RP11-467L19.16	ENSG00000278626.1	3,005	0,705	1,232	8,46E-07
NWD1	ENSG00000188039.13	10,175	3,755	1,233	3,96E-42
LRBA	ENSG00000198589.10	42,485	17,5	1,233	2,78E-37
LCLAT1	ENSG00000172954.13	9,995	3,67	1,235	1,07E-55
BCAM	ENSG00000187244.10	489,952	207,08	1,238	5,71E-45
KIAA0101	ENSG00000166803.10	6,605	2,225	1,238	1,46E-28
H3F3AP4	ENSG00000235655.3	239,436	100,918	1,238	8,85E-16
C19orf48	ENSG00000167747.13	251,671	105,895	1,241	6,57E-45
CH507-513H4.5	ENSG00000281383.1	3,25	0,795	1,244	1,9E-08
TMEM135	ENSG00000166575.16	16,455	6,35	1,248	8,81E-33
CTD-2547H18.1	ENSG00000254988.1	1,375	0	1,248	4,05E-18
CTNND2	ENSG00000169862.18	4,96	1,505	1,25	2,11E-38
RPL23AP65	ENSG00000243964.1	5,6	1,775	1,25	1,35E-13
RTN1	ENSG00000139970.16	22,44	8,85	1,251	1,41E-29
CTD-2314B22.1	ENSG00000258314.3	20,715	8,11	1,253	0,000278
MNX1-AS1	ENSG00000243479.3	1,46	0,03	1,256	1,29E-21
FAM103A2P	ENSG00000235272.1	8,61	3,025	1,256	3,16E-21
RP11-627G23.1	ENSG00000255545.7	2,88	0,625	1,256	5,88E-13
FOLH1B	ENSG00000134612.11	2,525	0,475	1,257	2,78E-14
MRPL17	ENSG00000158042.8	77,147	31,638	1,26	8,7E-65
RAC3	ENSG00000169750.8	32,7	13,065	1,261	5,46E-44
UAP1	ENSG00000117143.13	98,11	40,36	1,261	4,86E-40
CXCL14	ENSG00000145824.12	15,485	5,875	1,262	1,16E-08
PPIB	ENSG00000166794.4	912,258	379,274	1,264	7,76E-63
GDPD1	ENSG00000153982.10	5,015	1,505	1,264	1,37E-36
CTD-3141N22.1	ENSG00000241069.1	3,695	0,952	1,266	0,0207
ZNF350	ENSG00000256683.6	39,495	15,83	1,267	1,75E-42
GNPNAT1	ENSG00000100522.8	25,259	9,9	1,269	1,55E-50
MTATP8P1	ENSG00000240409.1	1,41	0	1,269	0,000452
CREB3L1	ENSG00000157613.10	148,101	60,805	1,27	3,87E-35
SND1	ENSG00000197157.10	166,34	68,365	1,271	1,72E-76
MAGED1	ENSG00000179222.17	190,664	78,291	1,273	7,21E-51
ADPRHL1	ENSG00000153531.12	5,18	1,555	1,274	4,79E-30
RP11-229P13.23	ENSG00000231864.2	1,42	0	1,275	8,31E-22
LYZ	ENSG00000090382.6	32,539	12,86	1,275	1,72E-13
SLC44A4	ENSG00000204385.10	322,643	132,651	1,276	3,37E-47
PAFAH1B3	ENSG00000079462.7	44,634	17,84	1,276	5,57E-44
SLC45A3	ENSG00000158715.5	651,535	268,391	1,276	2,08E-33
ZDHHC9	ENSG00000188706.12	34,475	13,64	1,277	4,37E-45
LENG9	ENSG00000275183.1	17,125	6,48	1,277	4,02E-42
EEF2	ENSG00000167658.15	1847,552	759,891	1,281	1,31E-73
SERPINA11	ENSG00000186910.3	1,735	0,125	1,282	1,15E-26
HSPB1P1	ENSG00000236060.2	4,25	1,16	1,282	0,00203
HIST1H4H	ENSG00000158406.3	18,4	6,97	1,283	1,58E-17

NPY4R	ENSG00000204174.6	2,74	0,535	1,285	1,23E-26
SMKR1	ENSG00000240204.2	3,61	0,89	1,286	5,6E-41
CXCL9	ENSG00000138755.5	4,05	1,07	1,287	2,36E-14
HSPE1-MOB4	ENSG00000270757.1	4,825	1,38	1,291	4,49E-17
TMEM30B	ENSG00000182107.6	31	12,055	1,293	1,07E-35
FAM3C2	ENSG00000174028.6	10,75	3,795	1,293	4,16E-14
RRM2	ENSG00000171848.13	2,825	0,56	1,294	3,45E-27
SLC35F2	ENSG00000110660.14	27,88	10,77	1,295	5,15E-39
EIF2AK1	ENSG00000086232.12	82,796	33,051	1,299	1,09E-64
LRIG1	ENSG00000144749.13	88,717	35,463	1,299	3,98E-51
TMEM132A	ENSG00000006118.14	22,03	8,35	1,301	1,11E-27
ARL6IP1	ENSG00000170540.14	109,644	43,805	1,304	8,16E-38
RP11-318C24.1	ENSG00000230777.1	1,47	0	1,304	0,0000211
IDH1	ENSG00000138413.13	208,491	83,725	1,306	3,16E-34
WI2-85898F10.1	ENSG00000235091.1	1,77	0,12	1,306	3,02E-27
SLC9A2	ENSG00000115616.2	6,58	2,064	1,307	8,05E-41
TMEM192	ENSG00000170088.13	22,19	8,365	1,308	3,1E-31
COL9A2	ENSG00000049089.13	43,361	16,915	1,308	3,78E-15
CLDN4	ENSG00000189143.9	242,173	97,153	1,309	3,27E-21
MAP7	ENSG00000135525.18	35,245	13,617	1,31	2,72E-45
HMGB3	ENSG00000029993.14	28,156	10,745	1,312	9,34E-49
SOX4	ENSG00000124766.5	21,24	7,955	1,312	1,66E-48
FTH1P20	ENSG00000226564.1	8,175	2,695	1,312	2,51E-27
LSR	ENSG00000105699.16	92,831	36,765	1,313	2,75E-61
TUSC3	ENSG00000104723.20	91,909	36,344	1,315	3,36E-36
CTC-510F12.6	ENSG00000267576.1	57,713	22,604	1,315	3,02E-15
PVRL3	ENSG00000177707.10	10,18	3,49	1,316	5,66E-28
TMED2	ENSG00000086598.10	202,825	80,694	1,319	4,71E-46
FOXD1	ENSG00000251493.3	1,77	0,11	1,319	3,07E-22
KRT8	ENSG00000170421.11	637,397	253,914	1,324	2,56E-50
PRAC2	ENSG00000229637.3	40,815	15,705	1,324	1,22E-40
IGHG1	ENSG00000211896.6	128,426	50,471	1,33	0,00342
AP001610.9	ENSG00000232806.1	1,515	0	1,331	6,62E-28
SLC17A5	ENSG00000119899.12	22,665	8,395	1,333	1,66E-37
CYP39A1	ENSG00000146233.7	21,045	7,739	1,335	6,46E-32
BPIFB2	ENSG00000078898.6	3,735	0,875	1,336	1,7E-17
TMTC4	ENSG00000125247.15	18,925	6,885	1,337	1,12E-53
MARVELD2	ENSG00000152939.14	9,905	3,314	1,338	1,64E-44
AP000275.65	ENSG00000265590.9	4,485	1,17	1,338	2,8E-20
RP11-641D5.1	ENSG00000213178.3	394,463	154,54	1,346	9,87E-50
OCLN	ENSG00000197822.10	12,73	4,39	1,349	9,15E-34
KLK15	ENSG00000174562.13	4,195	1,04	1,349	6,79E-28
FAM174B	ENSG00000185442.12	74,583	28,624	1,351	3,83E-58
C1orf233	ENSG00000228594.3	3,99	0,955	1,352	1,58E-43
TMED10	ENSG00000170348.8	222,605	86,602	1,352	7,3E-31
MAZ	ENSG00000103495.13	341,17	132,816	1,354	2,69E-72

SH3RF1	ENSG00000154447.14	26,085	9,595	1,354	3,84E-41
IGHGP	ENSG00000253755.1	2,22	0,26	1,354	1,57E-10
RPL7P1	ENSG00000214485.6	54,469	20,68	1,355	8,34E-26
HMG2N2P46	ENSG00000179362.14	104,571	40,237	1,356	8,21E-14
U1	ENSG00000274210.1	1,56	0	1,356	1,58E-06
HOXB13	ENSG00000159184.7	209,491	81,159	1,357	4,93E-52
HIST1H2BC	ENSG00000180596.7	29,13	10,763	1,357	3,8E-20
AP000696.2	ENSG00000231324.1	2,46	0,35	1,358	3,52E-25
SEL1L3	ENSG00000091490.10	30,3	11,168	1,363	1,44E-46
SLC2A12	ENSG00000146411.5	24,685	8,985	1,363	8,55E-29
CTD-3193O13.11	ENSG00000268120.1	5,935	1,695	1,364	4,6E-37
RAB17	ENSG00000124839.12	28,809	10,58	1,364	3,36E-35
RPL7AP30	ENSG00000241741.1	7,44	2,274	1,366	4,08E-55
SLC39A6	ENSG00000141424.12	145,885	55,943	1,367	6,13E-37
PKIB	ENSG00000135549.14	15,38	5,345	1,368	9,85E-25
SBK1	ENSG00000188322.4	5,42	1,485	1,369	1,11E-74
KLK12	ENSG00000186474.15	3,83	0,87	1,369	2,67E-12
CDH1	ENSG00000039068.18	144,431	55,22	1,371	3,27E-39
FOXRED2	ENSG00000100350.14	13,975	4,78	1,373	1,95E-51
RP11-56G10.2	ENSG00000257386.1	3,285	0,655	1,373	1,18E-06
TDRD1	ENSG00000095627.9	1,715	0,045	1,377	4,96E-34
PTRHD1	ENSG00000184924.5	66,251	24,849	1,379	3,87E-71
EPB41L4B	ENSG00000095203.14	17,62	6,155	1,38	1,13E-39
SNORA76C	ENSG00000277887.1	1,605	0	1,381	0,0000318
ACLY	ENSG00000131473.16	104,803	39,539	1,384	9,26E-45
RP11-390F4.6	ENSG00000236924.1	2,105	0,19	1,384	5E-24
LA16c-312E8.4	ENSG00000279930.1	9,15	2,865	1,393	3,85E-34
SORD2P	ENSG00000259479.6	129,907	48,848	1,393	1,22E-27
ATP6V0E2	ENSG00000171130.17	129,637	48,648	1,396	1,36E-44
PSAT1	ENSG00000135069.13	19,98	6,935	1,403	1,55E-39
ATP6V1G1	ENSG00000136888.6	349,366	130,815	1,41	6,33E-62
RPL35P5	ENSG00000225573.4	9,46	2,92	1,416	1,47E-35
C8orf34-AS1	ENSG00000248801.6	7,22	2,08	1,416	1,05E-23
TMEM238	ENSG00000233493.3	10,52	3,315	1,417	7,05E-33
KIAA1324	ENSG00000116299.16	131,006	48,436	1,417	1,75E-32
PCAT7	ENSG00000231806.2	2,075	0,15	1,419	4,3E-59
BIK	ENSG00000100290.2	36,734	13,105	1,42	3,96E-59
ADM2	ENSG00000128165.8	9,225	2,82	1,42	3,14E-48
GAL	ENSG00000069482.6	3,71	0,76	1,42	3,76E-16
H2AFJ	ENSG00000246705.4	837,211	311,696	1,423	7,04E-31
ADRB1	ENSG00000043591.5	12,565	4,055	1,424	1,65E-40
RP3-417G15.1	ENSG00000227008.2	10,265	3,195	1,425	6,2E-26
RP11-1084J3.3	ENSG00000250767.1	1,955	0,1	1,426	3,02E-18
GGT1	ENSG00000100031.18	145,602	53,521	1,427	3,6E-16
DDAH1	ENSG00000153904.18	46,71	16,729	1,428	5,06E-71
RP11-649E7.5	ENSG00000258377.1	5,38	1,37	1,429	6,2E-11

SLC27A2	ENSG00000140284.10	9,49	2,885	1,433	9,64E-53
TMEM97	ENSG00000109084.13	16,725	5,565	1,433	3,81E-52
RAB3D	ENSG00000105514.7	38,949	13,775	1,435	5,91E-67
NAAA	ENSG00000138744.14	98,393	35,76	1,435	5,34E-48
FOXA1	ENSG00000129514.5	217,692	79,809	1,436	3,71E-55
CENPM	ENSG00000100162.14	6,04	1,6	1,437	3,5E-33
UBE2C	ENSG00000175063.16	4,98	1,205	1,439	1,07E-22
RP11-468E2.1	ENSG00000254692.1	17,085	5,668	1,44	2,32E-27
FABP5P7	ENSG00000234964.4	26,999	9,31	1,441	2,22E-10
CXCL10	ENSG00000169245.5	7,645	2,18	1,443	1,79E-13
RP4-800G7.1	ENSG00000239719.1	1,72	0	1,444	1,2E-12
SYNGR2	ENSG00000108639.7	464,939	170,165	1,445	5,06E-79
PLA1A	ENSG00000144837.8	17,51	5,8	1,445	6,85E-15
PEX10	ENSG00000157911.9	48,731	17,235	1,447	1,75E-26
IGHG2	ENSG00000211893.3	26,955	9,233	1,45	0,000785
EEF1A1P12	ENSG00000214199.3	2,48	0,27	1,454	4,17E-34
PCCB	ENSG00000114054.13	41,044	14,34	1,455	1,42E-55
MB	ENSG00000198125.12	42,36	14,809	1,456	2,43E-17
SERINC5	ENSG00000164300.15	48,789	17,132	1,457	1,56E-42
ACSL3	ENSG00000123983.13	138,246	49,545	1,462	1,67E-32
ILDR1	ENSG00000145103.12	11,1	3,38	1,466	6,77E-31
GLO1	ENSG00000124767.6	218,258	78,237	1,468	5,94E-31
SAPCD2	ENSG00000186193.8	10,745	3,235	1,472	2,92E-61
MBOAT2	ENSG00000143797.11	43,465	14,984	1,476	1,08E-38
RPL17-C18orf32	ENSG00000215472.9	23,82	7,925	1,476	6,92E-22
MSL3P1	ENSG00000224287.2	6,86	1,82	1,479	6,99E-71
RGS10	ENSG00000148908.14	135,626	47,872	1,483	1,78E-62
RP11-279F6.2	ENSG00000259457.1	3,64	0,66	1,483	8,91E-18
PLA2G2A	ENSG00000188257.10	714,256	254,91	1,483	7,64E-13
CTD-2311B13.5	ENSG00000275563.1	32,34	10,885	1,488	1,06E-11
LINC01213	ENSG00000244541.5	5,225	1,21	1,494	5,51E-27
RPLP0P6	ENSG00000213553.4	33,545	11,23	1,498	2,12E-51
EEF1A1P6	ENSG00000233476.3	37,901	12,76	1,499	4,02E-35
KCNN2	ENSG00000080709.14	20,34	6,55	1,499	3,04E-27
KRT18	ENSG00000111057.10	740,701	260,998	1,501	1,32E-62
HMG1P36	ENSG00000235734.4	1,83	0	1,501	6,5E-27
RPL23AP61	ENSG00000280012.2	7,97	2,164	1,503	4,36E-15
RP11-142C4.6	ENSG00000255240.5	11,679	3,46	1,507	6,02E-35
ST14	ENSG00000149418.10	98,209	33,89	1,508	3,95E-62
COL10A1	ENSG00000123500.9	2,13	0,1	1,509	4,13E-18
EEF1A1P9	ENSG00000249264.1	2,66	0,285	1,51	1,04E-42
EIF4BP7	ENSG00000225031.1	5,03	1,115	1,512	3,67E-68
AC104667.3	ENSG00000234949.2	2,48	0,22	1,512	6,86E-54
TUBB2A	ENSG00000137267.5	58,347	19,8	1,513	6,24E-31
MANEAL	ENSG00000185090.14	13,09	3,93	1,515	9,89E-62
PRDX4	ENSG00000123131.12	153,282	52,995	1,515	8,15E-60

ELOVL7	ENSG00000164181.13	23,205	7,47	1,515	2,34E-39
SLC43A1	ENSG00000149150.8	43,445	14,535	1,517	6,15E-40
GALNT7	ENSG00000109586.11	64,341	21,82	1,518	5,4E-54
CAMKK2	ENSG00000110931.18	89,408	30,574	1,518	5,61E-42
DSG2	ENSG00000046604.12	24,644	7,955	1,518	6,71E-33
RAP1GAP	ENSG00000076864.19	49,019	16,455	1,519	2,26E-55
TM7SF2	ENSG00000149809.14	128,524	44,18	1,519	6,2E-46
SPDEF	ENSG00000124664.10	441,462	153,16	1,521	3,72E-52
COLEC12	ENSG00000158270.11	19,375	6,094	1,522	1,3E-39
PDIA5	ENSG00000065485.17	76,359	25,925	1,523	3,41E-59
NAALADL2	ENSG00000177694.14	9,42	2,625	1,523	1,92E-32
PMEPA1	ENSG00000124225.15	215,47	73,84	1,532	1,28E-53
TRPM4	ENSG00000130529.15	218,538	74,63	1,537	1,96E-47
AC007009.1	ENSG00000244239.1	31,364	10,15	1,537	9,46E-44
DHRS7	ENSG00000100612.13	582,715	200,109	1,537	6,56E-35
CXCL11	ENSG00000169248.12	3,535	0,56	1,54	2,86E-21
MYO6	ENSG00000196586.13	44,27	14,55	1,542	5,88E-31
PDIA3	ENSG00000167004.12	729,998	249,837	1,543	5,51E-71
PCA3_1	ENSG00000274326.1	1,915	0	1,543	7,8E-23
CALR	ENSG00000179218.13	920,675	315,15	1,544	8,06E-82
CADM1	ENSG00000182985.16	29,8	9,56	1,544	8,03E-34
SMS	ENSG00000102172.15	214,16	72,786	1,544	9,95E-28
MPC2	ENSG00000143158.10	275,86	93,804	1,546	1,85E-56
CYP2J2	ENSG00000134716.9	8,575	2,275	1,548	2,53E-24
B3GAT1	ENSG00000109956.12	9,565	2,61	1,549	8,72E-30
FOXP4-AS1	ENSG00000234753.5	4,855	1	1,55	2,43E-48
AC239868.3	ENSG00000281134.1	149,577	50,436	1,55	6,32E-20
MMP10	ENSG00000166670.9	2,915	0,33	1,558	6,5E-17
MCCC2	ENSG00000131844.15	115,844	38,66	1,559	7,53E-28
XXbac-BPG308K3.5	ENSG00000225173.1	2,525	0,195	1,561	1,11E-21
CCL18	ENSG00000275385.1	2,52	0,19	1,565	3,33E-20
EMB	ENSG00000170571.11	33,975	10,79	1,569	1,59E-55
TRIM36	ENSG00000152503.9	28,689	8,962	1,576	7,82E-59
UGDH	ENSG00000109814.11	53,345	17,21	1,577	4,37E-33
AC239868.2	ENSG00000280874.1	152,921	50,436	1,581	8,13E-22
ARFGEF3	ENSG00000112379.8	23,405	7,14	1,584	4,02E-54
FABP5	ENSG00000164687.10	48,19	15,395	1,585	2,38E-10
RAB3B	ENSG00000169213.6	18,065	5,349	1,586	1,16E-52
FOXD1-AS1	ENSG00000247993.2	2,515	0,17	1,587	1,37E-19
PPP3CA	ENSG00000138814.16	114,055	37,175	1,592	2,08E-49
FASN	ENSG00000169710.6	481,735	159,128	1,592	5,78E-33
RPL41	ENSG00000279483.1	6782,257	2245,933	1,594	5,69E-53
CNTNAP2	ENSG00000174469.17	14,15	3,995	1,601	4,8E-28
LINC01207	ENSG00000248771.5	11,705	3,19	1,601	3,33E-20
AL158801.1	ENSG00000279392.1	3,455	0,46	1,609	1,38E-41
APOE	ENSG00000130203.9	82,286	26,275	1,611	5,13E-18

NUDT4P1	ENSG00000177144.6	16,135	4,61	1,611	3,18E-15
NUDT4P2	ENSG00000271121.2	16,135	4,61	1,611	3,18E-15
PPM1H	ENSG00000111110.11	27,675	8,38	1,612	9,7E-62
GALNT3	ENSG00000115339.13	42,945	13,309	1,619	6,85E-40
F2RL1	ENSG00000164251.4	9,98	2,575	1,619	7,98E-24
CTB-63M22.1	ENSG00000229119.3	179,562	57,801	1,619	1,87E-10
ABHD2	ENSG00000140526.16	66,244	20,875	1,62	9,86E-35
PRR36	ENSG00000183248.11	9,305	2,345	1,623	1,64E-67
HIST1H2BK	ENSG00000197903.7	226,567	72,887	1,623	3,72E-42
ZP3	ENSG00000188372.14	14,065	3,885	1,625	5,61E-29
SCD	ENSG00000099194.5	76,269	24,055	1,625	1,39E-26
ST6GALNAC1	ENSG00000070526.14	16,855	4,785	1,626	1,3E-20
HOXC4	ENSG00000198353.7	3,6	0,48	1,636	1,27E-31
FAM3B	ENSG00000183844.16	126,197	39,923	1,636	2,69E-07
ERGIC1	ENSG00000113719.15	393,903	125,857	1,638	8,78E-77
FTH1P7	ENSG00000232187.1	15,25	4,18	1,649	3,27E-25
ELOVL2	ENSG00000197977.3	7,41	1,68	1,65	2,51E-21
BEND4	ENSG00000188848.15	5,6	1,1	1,652	2,23E-49
SDK1	ENSG00000146555.18	10,69	2,715	1,654	6,41E-31
DHCR24	ENSG00000116133.11	267,213	84,193	1,655	1,57E-40
ARHGEF26	ENSG00000114790.12	31,675	9,355	1,658	1,34E-52
STEAP1	ENSG00000164647.8	149,483	46,571	1,661	8,44E-49
TGM3	ENSG00000125780.11	3,535	0,43	1,665	3,3E-32
HIST1H4J	ENSG00000197238.4	30,025	8,785	1,665	5,97E-29
AGR3	ENSG00000173467.8	5,555	1,06	1,67	5,56E-14
AC000089.3	ENSG00000235776.2	4,7	0,79	1,671	5,44E-65
DSC2	ENSG00000134755.14	18,755	5,205	1,671	2,45E-53
SPCS2P4	ENSG00000228589.3	46,019	13,685	1,679	1,48E-35
H2BFS	ENSG00000234289.5	15,705	4,2	1,684	1,78E-35
STX19	ENSG00000178750.2	9,795	2,34	1,692	1,63E-59
STEAP4	ENSG00000127954.12	62,928	18,78	1,692	9,02E-31
IQGAP2	ENSG00000145703.15	44,47	13,035	1,696	7,63E-44
REPS2	ENSG00000169891.17	28,315	8,03	1,699	7,37E-50
COMP	ENSG00000105664.10	14,39	3,71	1,708	5,59E-08
CANT1	ENSG00000171302.16	188,712	56,351	1,726	4,03E-65
FLJ20021	ENSG00000254531.1	112,349	33,16	1,73	1,5E-36
MAL2	ENSG00000147676.13	58,175	16,753	1,737	1,96E-48
RP5-890E16.4	ENSG00000266341.1	2,34	0	1,74	0,0000081
RPL37P6	ENSG00000241431.1	3,495	0,345	1,741	5,77E-35
PCSK6	ENSG00000140479.16	9,825	2,23	1,745	1,37E-52
TLCD1	ENSG00000160606.10	28,546	7,803	1,747	1,01E-67
NME2	ENSG00000011052.21	27,695	7,515	1,753	1,8E-49
CST2	ENSG00000170369.3	4,635	0,66	1,763	1,74E-13
RP11-464D20.2	ENSG00000239246.3	6,9	1,31	1,774	2,23E-37
ALDH3B2	ENSG00000132746.14	11,345	2,61	1,774	1,39E-21
DBNDD1	ENSG00000003249.13	19,115	4,84	1,784	5,44E-67

FFAR2	ENSG00000126262.4	5,95	0,99	1,804	3,02E-42
LINC00992	ENSG00000248663.6	4,825	0,665	1,807	2,28E-55
THBS4	ENSG00000113296.14	24,405	6,26	1,807	7,16E-22
TPD52	ENSG00000076554.15	206,843	58,237	1,811	6,27E-50
PRSS8	ENSG00000052344.15	192,284	53,278	1,832	4,41E-56
CKS1BP3	ENSG00000268942.2	2,57	0	1,836	1,84E-11
RP11-109D20.2	ENSG00000259352.1	7,95	1,505	1,837	9,69E-17
43891	ENSG00000186205.12	86,258	23,414	1,838	4,49E-71
MESP1	ENSG00000166823.5	89,918	24,38	1,841	5,25E-18
UBE2SP2	ENSG00000224126.2	4,545	0,505	1,881	7,09E-64
DRAIC	ENSG00000245750.7	22,515	5,379	1,882	5,95E-51
RP1-207H1.3	ENSG00000231150.5	3,725	0,28	1,884	1,21E-12
CHIT1	ENSG00000133063.15	3,47	0,21	1,885	4,8E-15
RP11-369J21.12	ENSG00000279399.1	2,71	0	1,891	9,97E-06
MMP9	ENSG00000100985.7	4,53	0,49	1,892	4,61E-22
NUDT8	ENSG00000167799.9	42,39	10,655	1,896	7,58E-26
FEV	ENSG00000163497.2	17,765	3,95	1,923	2,22E-35
SFTPA2	ENSG00000185303.15	21,265	4,87	1,923	1,42E-23
FBP1	ENSG00000165140.9	85,748	21,606	1,94	3,51E-37
NCAPD3	ENSG00000151503.12	84,287	21,184	1,943	3,4E-12
MINOS1-NBL1	ENSG00000270136.5	7,62	1,24	1,944	5,52E-44
GABRB3	ENSG00000166206.13	8,545	1,44	1,968	1,42E-46
APO06748.1	ENSG00000223400.1	2,92	0	1,971	9,97E-31
RDH11	ENSG00000072042.12	747,613	188,674	1,981	1,4E-38
CLDN3	ENSG00000165215.6	247,476	61,765	1,985	4,21E-47
PHGR1	ENSG00000233041.8	6,785	0,955	1,994	1,46E-21
SEZ6L2	ENSG00000174938.14	52,034	12,28	1,998	1,19E-54
PPIAP22	ENSG00000198618.5	183,342	44,974	2,003	2,47E-66
SPOCK1	ENSG00000152377.12	108,157	26,213	2,004	1,41E-45
PDLIM5	ENSG00000163110.14	229,778	56,31	2,01	6,22E-52
NPY	ENSG00000122585.7	967,957	238,872	2,014	5,87E-09
VSTM2L	ENSG00000132821.11	46,066	10,535	2,029	3,06E-33
RPS28P7	ENSG00000227097.5	1724,484	419,607	2,036	1,78E-64
ENTPD5	ENSG00000187097.12	87,501	20,547	2,038	4,62E-51
TSPAN1	ENSG00000117472.9	879,322	210,583	2,057	9,15E-48
DNASE2B	ENSG00000137976.7	9,035	1,395	2,067	2,3E-33
SMIM22	ENSG00000267795.5	180,411	42,305	2,067	4,56E-10
SPON2	ENSG00000159674.11	555,059	131,415	2,07	1,67E-16
PABPC1L2B-AS1	ENSG00000231963.1	3,375	0,04	2,073	6,38E-12
PCGEM1	ENSG00000227418.6	8,77	1,32	2,074	2,01E-08
RP11-61N20.3	ENSG00000226268.3	8,75	1,295	2,087	7,64E-52
APOF	ENSG00000175336.9	4,605	0,315	2,092	1,06E-49
RP11-579D7.2	ENSG00000257653.1	3,265	0	2,093	1,47E-12
APOC1	ENSG00000130208.9	57,295	12,485	2,112	2,3E-33
PTPRN2	ENSG00000155093.17	41,849	8,79	2,13	3,58E-43
MARCKSL1	ENSG00000175130.6	314,234	70,795	2,134	2,81E-101

TSPAN13	ENSG00000106537.7	105,997	23,373	2,134	9,63E-68
RP11-215A21.2	ENSG00000236058.3	5,17	0,405	2,135	2,19E-48
AGR2	ENSG00000106541.11	378,84	85,505	2,135	5,66E-23
RPS2P55	ENSG00000216866.5	7,435	0,905	2,147	2,16E-84
PRAC1	ENSG00000159182.4	509,432	113,893	2,151	4,86E-44
RP11-316M1.12	ENSG00000259357.2	10,46	1,575	2,154	1,11E-08
C15orf48	ENSG00000166920.10	32,594	6,545	2,155	1,95E-13
C1orf116	ENSG00000182795.12	96,991	20,883	2,163	1,83E-67
HIST3H2A	ENSG00000181218.5	51,739	10,705	2,172	3,17E-64
MS4A8	ENSG00000166959.7	10,62	1,57	2,177	2,55E-28
HMG1N1P37	ENSG00000229237.2	3,585	0	2,197	6,17E-33
FOLH1	ENSG00000086205.16	307,107	65,247	2,218	7,32E-43
RP11-452N17.1	ENSG00000277998.1	58,241	11,645	2,228	1,94E-40
AC005255.3	ENSG00000256210.3	3,72	0	2,239	1,32E-31
AL162151.3	ENSG00000234648.1	1417,467	298,657	2,243	0,0054
NKAIN1	ENSG00000084628.9	7,155	0,71	2,254	1,24E-26
GPR160	ENSG00000173890.16	56,349	11,005	2,256	1E-72
SMPDL3B	ENSG00000130768.14	17,865	2,93	2,263	1,93E-80
CLDN8	ENSG00000156284.5	28,51	5,115	2,271	9,47E-44
RP11-73M18.2	ENSG00000256500.5	4,2	0,077	2,271	1,23E-28
TMEM45B	ENSG00000151715.7	16,829	2,695	2,271	6,61E-23
PYCR1	ENSG00000183010.16	151,701	30,549	2,275	2,88E-88
SLC4A4	ENSG00000080493.13	45,841	8,665	2,277	9,1E-31
TRPM8	ENSG00000144481.16	123,905	24,605	2,286	3,24E-36
GDF15	ENSG00000130513.6	325,97	66,061	2,286	8,25E-32
PCAT18	ENSG00000265369.3	8,745	0,995	2,288	4,52E-33
C2orf72	ENSG00000204128.5	19,03	3,075	2,297	4,16E-43
HOXC6	ENSG00000197757.7	7,005	0,615	2,309	7,2E-49
LUZP2	ENSG00000187398.11	8,065	0,82	2,316	7,61E-46
F5	ENSG00000198734.10	14,305	2,045	2,329	1,62E-23
GCNT1	ENSG00000187210.12	16,54	2,46	2,342	7,66E-55
TRGC2	ENSG00000227191.6	74,058	13,789	2,344	2,67E-28
OR51E1	ENSG00000180785.8	16,374	2,32	2,388	6,97E-20
TRIB1	ENSG00000173334.3	62,699	10,84	2,428	7,74E-44
RP11-350O14.18	ENSG00000261793.1	4,48	0	2,454	4,14E-11
RP5-940J5.9	ENSG00000269968.1	4,528	0	2,467	5,13E-06
PLA2G7	ENSG00000146070.16	33,46	5,21	2,472	2,11E-46
RNU4-1	ENSG00000200795.1	4,595	0	2,484	0,000028
AC009065.4	ENSG00000279473.1	4,6	0	2,485	3,83E-33
HNRNPCP2	ENSG00000204253.4	14,355	1,7	2,508	7,77E-53
RP11-10G12.1	ENSG00000244538.1	4,84	0	2,546	3,82E-49
TRGV9	ENSG00000211695.2	8,415	0,61	2,548	2,31E-38
CTC-429P9.4	ENSG00000268790.5	10,93	1	2,577	2,29E-18
PODXL2	ENSG00000114631.10	66,258	10,26	2,579	2,34E-89
SIM2	ENSG00000159263.15	25,509	3,438	2,579	1,34E-58
EIF5AP4	ENSG00000234743.1	6,8	0,285	2,602	8,11E-50

TFF3	ENSG00000160180.15	184,95	29,483	2,609	6,34E-21
PRCAT47	ENSG00000260896.5	13,45	1,335	2,63	7,32E-20
RP11-483P21.2	ENSG00000260228.5	10,41	0,79	2,672	5,22E-56
TMSB15A	ENSG00000158164.6	61,59	8,785	2,677	3,94E-59
EPCAM	ENSG00000119888.10	225,791	34,126	2,691	1,54E-79
ABCC4	ENSG00000125257.13	115,076	16,26	2,75	1,77E-62
CRISP3	ENSG00000096006.11	8,305	0,35	2,785	2,37E-10
RP11-667K14.4	ENSG00000262533.1	5,91	0	2,789	2,43E-23
CGREF1	ENSG00000138028.14	25,595	2,59	2,889	3,95E-88
PIGY	ENSG00000255072.1	19,795	1,8	2,893	5,34E-21
GJB1	ENSG00000169562.9	69,374	8,32	2,917	4,16E-68
U91328.1	ENSG00000281052.1	6,709	0	2,947	4,07E-07
TMEFF2	ENSG00000144339.11	102,309	12,055	2,984	1,13E-21
TRGC1	ENSG00000211689.6	556,562	69,159	2,99	1,2E-60
AC005943.2	ENSG00000267059.2	7,995	0,13	2,993	4,42E-19
ACSM1	ENSG00000166743.9	35,33	3,085	3,153	3,03E-34
RPL7P16	ENSG00000242899.1	108,157	11,265	3,154	1,74E-47
GLYATL1	ENSG00000166840.13	51,388	4,61	3,223	4,92E-48
HPN	ENSG00000105707.13	191,008	19,54	3,225	1,99E-90
GOLM1	ENSG00000135052.16	482,956	48,63	3,286	4,23E-84
AP003391.1	ENSG00000281272.1	10,5	0	3,524	3,51E-10
TP53TG1_2	ENSG00000276185.1	11,885	0	3,688	0,0014
PCAT14	ENSG00000280623.1	83,063	3,919	4,095	5,02E-38
OR51E2	ENSG00000167332.7	204,562	10,862	4,115	4,17E-45
DLX1	ENSG00000144355.14	20,7	0,215	4,159	4,92E-56
RNY3P8	ENSG00000223298.1	17,13	0	4,18	0,0000342
MTND4P12	ENSG00000247627.2	31,909	0,54	4,418	9,21E-08
AMACR	ENSG00000242110.7	226,104	7,82	4,686	1,53E-74
PCA3	ENSG00000225937.1	71,312	0,495	5,596	1,38E-50
RP11-40C6.2	ENSG00000219928.2	823,856	2,698	7,801	1,07E-74

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