

Table S1. Pol II ChIP-Seq Data. Related to Figure 1D
Sheet1: Pausing genes in untreated HCT116 cells expressing shGFP

Symbol	Gene ID	Promoter RPK	Gene Body RPK	pValue	Pause Ratio(TR)
MRPS12	NM_021107	84.18275656	7.441494649	4.04E-06	11.312614
APTX	NR_036579	93.01930787	3.784005525	1.43E-08	24.58223363
HFE	NM_139008	57.40797988	2.668950296	1.52E-05	21.5095725
MEST	NM_001253902	36.40669621	1.391469749	0.001050046	26.16420245
PLD3	NM_001031696	61.59073644	3.368762882	4.26E-06	18.28289452
NUDT15	NM_018283	113.2844306	7.160702583	1.16E-09	15.82029547
TRMT1	NM_017722	38.46847084	0.421534709	0.000138712	91.25813366
CALU	NM_001199672	126.2445312	1.80957936	6.79E-14	69.76457293
NUDT4	NM_001301022	35.34620525	2.526091451	0.0034087	13.99244878
AGFG1	NM_004504	40	1.464170913	0.001144168	27.31921502
TMEM222	NM_032125	85.24324752	6.832840081	5.85E-07	12.47552211
MGST1	NM_001260512	131.6936942	2.055436536	1.14E-14	64.07091237
C2orf72	NM_001144994	40.26512274	1.098407632	0.00021316	36.65772303
CHCHD3	NM_017812	106.7747767	0.728532603	1.45E-11	146.5614253
OCIAD1	NM_001079840	38.46847084	1.27986976	0.001358274	30.0565511
MIB2	NM_001170689	98.2033481	23.73607449	0.000183274	4.13730367
MUTYH	NM_001293190	130.162165	11.220703	4.22E-10	11.60017915
TRMT1L	NM_001202423	69.10167405	1.111908353	3.28E-07	62.14691514
ENSA	NM_207044	141.3256137	2.724169725	8.49E-16	51.87841728
RBM10	NM_001204466	86.24453119	2.246286662	1.17E-08	38.3942676
AFF4	NM_014423	140.7953682	1.8059709	2.91E-14	77.96103926
WRNIP1	NM_020135	104.4478793	3.912008829	4.00E-10	26.69929539
HMGN3	NM_001201363	98.99871632	3.753832251	4.39E-09	26.37270653
SYT17	NM_016524	38.46847084	0.995336072	0.000275271	38.64872571
PUF60	NM_078480	123.6525111	5.724421866	2.65E-11	21.60087324
EPT1	NM_033505	132.7541851	1.566537523	3.33E-14	84.7436995
CHST7	NM_019886	111.9588169	3.470687693	1.09E-10	32.25839569
AP1S1	NM_001283	57.93822536	7.457147621	0.000241794	7.769488859
TAF1C	NM_139353	138.4684708	1.759804171	2.47E-17	78.68402243
IDNK	NR_046422	90.95753323	3.941058578	1.86E-08	23.07946746
YY1AP1	NM_001198906	95.34620525	2.934865926	1.07E-09	32.48741429
CLPTM1	NM_001282175	58.46847084	2.523940458	1.69E-05	23.16555078
FDXR	NM_024417	223.9176338	10.72034558	1.60E-19	20.88716564
GORAB	NR_027397	75.34620525	0.62168223	2.74E-09	121.197296
ST3GAL3	NR_073021	103.6525111	0.37498846	5.83E-12	276.4152026
ATP5G3	NM_001689	141.060491	9.083104557	9.46E-12	15.52998648
GUSB	NM_000181	73.01930787	2.456613159	9.41E-08	29.72356784
PDCD6	NR_073609	103.6525111	6.780542405	1.68E-08	15.28675803
GMD5	NM_001500	86.24453119	0.32443577	1.99E-09	265.8292924
ARNTL2	NM_001248005	83.1222656	1.232302705	3.25E-08	67.45279814
CXorf40B	NM_001013845	37.93822536	1.90523904	0.000413933	19.91258029
CPSF3L	NM_001256460	81.06049096	7.098695419	2.16E-06	11.41906874
GSTT2B	NM_001080843	230.6924105	37.19987461	3.18E-12	6.201429787
GRTP1	NM_024719	98.73359358	2.265693784	2.58E-10	43.57764242
NPM1	NM_002520	77.67310262	10.5959429	3.62E-05	7.33045689
CD320	NM_016579	158.4684708	12.30552739	3.15E-12	12.87782846
GPR126	NM_001032394	77.93822536	0.698447084	8.59E-09	111.5878742
FERMT2	NM_001134999	131.4285714	1.214492767	1.11E-13	108.2168417
ZNF384	NM_001135734	47.03989941	5.163573136	0.001406534	9.109951225
RAE1	NM_003610	53.01930787	2.817904621	2.89E-05	18.81515345
GAB1	NM_207123	60.79536822	0.066621036	9.48E-09	912.5551307
LIPT1	NM_001204830	157.4079799	2.159800483	3.73E-19	72.8807967
DYX1C1-CCPG1	NR_037923	41.06049096	0.052269452	8.23E-06	785.5542625
PIEZO1	NM_001142864	101.5907364	5.047444369	6.79E-09	20.12716318
PLSCR3	NM_020360	200.5302455	13.79510628	5.18E-16	14.53633205
WTAP	NM_001270531	116.1415735	2.010255182	6.29E-13	57.7745425
STK10	NM_005990	104.1827566	2.174237357	7.03E-10	47.91691957
GPRC5B	NM_016235	94.81595977	1.484912873	1.36E-10	63.85287751
CDC27	NM_001293091	109.8970423	0.434542027	3.86E-14	252.903138
SERF1A	NM_021967	332.4890624	8.315760555	2.51E-32	39.98300097
PRKAG1	NM_002733	118.2033481	6.376115292	3.01E-10	18.5384584

STXBP2	NR_073560	54.81595977	4.189582617	0.000101435	13.0838713
MYO1C	NM_001080950	43.1222656	3.443636294	0.000470592	12.52230547
PHF7	NM_016483	134.550837	5.434661898	1.00E-12	24.75790391
ELP4	NM_001288725	95.34620525	0.082543665	1.26E-12	1155.100219
ZNF281	NM_001281293	83.1222656	3.40511154	2.01E-08	24.41102578
TUBD1	NM_001193612	42.12098192	3.984611577	0.002679104	10.5709129
FIS1	NM_016068	90.16216501	4.501722907	4.57E-09	20.02836845
FN1	NM_212476	25.71428571	0.765154883	0.004370597	33.60664133
ITPR2	NM_002223	163.6525111	0.353925964	4.64E-18	462.3919339
FAM200B	NM_001145191	158.7335936	2.747010607	1.06E-18	57.7841211
SLC43A3	NM_199329	92.22393965	1.357829186	1.07E-10	67.92013355
COX10-AS1	NR_049718	107.0398994	1.081801193	6.67E-12	98.9459987
ADIPOR1	NM_001290629	74.81595977	4.155857393	1.22E-06	18.00253298
PRIMPOL	NM_152683	48.57142857	0.807923643	6.28E-06	60.11883547
MMP24-AS1	NR_102706	112.2239396	20.18573899	1.65E-05	5.559565578
ALG9	NM_001077691	87.83526763	0.531907208	7.94E-11	165.1326892
CCNB2	NM_004701	95.08108251	3.58738385	6.67E-09	26.50429575
SERTAD1	NM_013376	98.73359358	13.22980079	3.44E-06	7.462969031
ANAPC11	NM_016476	128.3655131	11.08869737	4.30E-10	11.57624821
OGT	NM_181673	66.24453119	2.751460594	2.40E-06	24.07613299
NEDD4L	NM_015277	46.24453119	1.401240072	0.00039986	33.00257544
PPIP5K1	NM_001130859	52.48906239	2.130916269	7.68E-05	24.6321562
PLAGL1	NM_001289049	67.03989941	0.749087393	7.42E-08	89.49543137
MOCS2	NM_176806	134.550837	2.181092381	2.40E-15	61.68965523
TDP1	NM_001008744	177.4079799	0.908898371	8.47E-20	195.1901175
TOMM34	NM_006809	147.3050222	6.597754206	1.51E-13	22.32653984
FAS	NR_028036	64.18275656	2.521433873	2.70E-06	25.45486409
CDC25C	NM_001287582	41.85585918	0.157492308	2.92E-06	265.7644665
CLYBL	NR_104592	204.4478793	0.519364231	3.39E-23	393.6502882
ZNF559	NM_001202407	36.14157347	0.39894394	2.84E-05	90.59311299
ATF2	NR_045768	83.65251108	0.915613233	1.52E-09	91.36227835
POMT1	NM_007171	97.40797988	3.10781287	2.47E-09	31.342936
TPM4	NM_001145160	123.9176338	7.618727296	3.84E-10	16.26487325
CCT8	NM_001282909	80.79536822	1.776835324	5.67E-09	45.47150043
RPAIN	NR_027685	101.060491	9.77497312	1.49E-07	10.33869758
BIRC6	NM_016252	107.3050222	1.045363271	9.30E-12	102.6485482
NDC1	NM_018087	118.7335936	1.326593863	1.50E-12	89.50259522
MRPS18C	NM_001297767	95.87645073	3.111070879	2.50E-10	30.81782912
COL4A5	NM_000495	26.24453119	0.072170457	0.002764992	363.6464611
PTAFR	NM_001164721	43.38738834	0.145208646	2.92E-06	298.7934221
ERGIC3	NM_198398	98.73359358	2.969090098	4.59E-10	33.25382199
CTSL	NM_145918	127.5701449	2.126551656	5.61E-15	59.98920577
YIPF1	NR_036640	64.97812478	0.981803964	5.64E-07	66.18238177
NR1H3	NM_001251934	75.08108251	7.312938421	1.26E-05	10.26688291
ACAD9	NR_033426	54.07979883	2.482156597	3.09E-05	21.78742425
HDAC11-AS1	NR_046690	127.0398994	7.196131746	5.55E-11	17.65391517
LINC00909	NR_024484	67.03989941	8.822293676	0.000124277	7.598919496
CHDH	NM_018397	124.1827566	2.73935013	4.19E-13	45.33292594
TCEB1	NM_001204857	110.162165	4.840486535	2.74E-10	22.75849012
KPNA3	NM_002267	100.5302455	0.757310871	8.54E-12	132.7463387
ARL4A	NM_001195396	80.53024548	14.81870417	0.000144047	5.434364879
RFXANK	NM_001278727	121.8558592	9.217939045	1.39E-09	13.21942558
PRADC1	NM_032319	69.89704227	5.755921121	5.89E-06	12.14350246
GALNT18	NM_198516	131.222656	1.07700285	5.21E-14	121.8405837
KDELR3	NM_016657	135.0810825	7.042575663	1.84E-11	19.18063631
TNPO3	NM_012470	198.4684708	2.572883297	6.61E-20	77.13854377
ATG5	NM_004849	133.0193079	0.126172231	3.51E-19	1054.267697
ZGPAT	NM_181485	46.50965393	0.780702863	7.71E-06	59.5740789
CFLAR	NM_001202517	58.46847084	1.89590861	1.82E-05	30.83928758
LOC644656	NR_036539	104.4478793	12.01130108	6.46E-06	8.695800615
AKAP1	NM_003488	120.7953682	4.097787008	4.08E-11	29.47819591
ZNF518A	NM_014803	122.1209819	3.635294838	1.38E-11	33.59314371
B4GALT4	NM_003778	133.2844306	1.791003945	2.82E-15	74.41883697
AGPAT9	NM_032717	86.77477667	1.048336226	7.80E-09	82.77380342

NUDT16P1	NR_027766	103.1222656	11.98094436	1.02E-06	8.607190092
LOC100507053	NR_037884	186.5096539	0.483759357	1.05E-21	385.542215
CENPBD1P1	NR_026052	70.95753323	7.519872517	1.09E-05	9.436002149
OGG1	NM_016828	59.26383906	4.605868174	4.23E-05	12.86702894
FGD5-AS1	NR_046254	154.550837	1.488544981	3.93E-20	103.8267832
PSMB3	NR_104194	47.03989941	2.916084452	0.000125331	16.13118557
TMEM9B	NM_001286095	152.4890624	5.542163286	3.59E-14	27.51435757
ZNF101	NM_033204	95.87645073	2.158777383	2.99E-10	44.41238428
LINC01128	NR_047526	146.7747767	2.344362672	1.98E-16	62.60753867
SCAMP5	NM_001178111	66.50965393	1.153583551	3.77E-07	57.6548217
UPF3B	NM_080632	112.4890624	0.545782563	1.54E-15	206.1060028
UBTD1	NM_024954	84.4478793	2.162649517	2.28E-08	39.04834262
SPCS2	NM_014752	92.48906239	0.539277416	1.55E-11	171.5055361
ALG13	NM_001257230	74.55083703	0.563983442	4.94E-09	132.186216
UBE2E1	NM_182666	28.83655131	1.080772873	0.002365549	26.68141663
CISH	NM_013324	112.2239396	7.023905948	1.88E-09	15.9774263
DCUN1D4	NM_001287757	46.50965393	2.582276998	0.000341333	18.01110182
NUDT1	NM_198949	157.6731026	7.764069252	7.88E-14	20.30804949
DDX12P	NR_033399	121.3256137	4.946226002	4.19E-11	24.52892643
ZNF324	NM_014347	83.91763382	6.396065934	1.24E-06	13.12019524
HOOK2	NM_001100176	83.1222656	11.49959933	2.77E-05	7.228274934
FXYD5	NM_001164605	81.06049096	3.74351213	1.77E-07	21.65359378
TMEM218	NM_001258238	32.22393965	1.114098118	0.003700192	28.92378967
DAG1	NM_004393	123.3873883	2.485626649	2.32E-12	49.64035464
VPS13C	NM_017684	90.16216501	0.145494463	8.41E-12	619.6948201
BOD1	NM_001159651	31.69369417	2.731243239	0.004439356	11.60412728
CCDC14	NM_022757	131.9588169	1.457359439	2.12E-14	90.54651402
CD109	NM_133493	89.89704227	0.9089396	5.29E-10	98.9032079
CTF1	NM_001142544	86.50965393	6.903479124	7.96E-07	12.53131246
CCNA2	NM_001237	112.7541851	2.594306264	3.77E-12	43.46217202
RHOT1	NM_001288755	88.57142857	0.806414175	1.87E-10	109.8336703
TARBP1	NM_005646	143.9176338	0.825053564	4.03E-17	174.4342914
TEC	NM_003215	231.9588169	0.132481669	5.51E-35	1750.87481
PRPF40A	NM_017892	106.5096539	1.411849723	6.04E-11	75.43979518
RRP12	NM_015179	55.34620525	0.518036908	5.75E-07	106.8383437
HINT3	NM_138571	47.30502215	0.13900745	6.14E-08	340.3056602
SLC37A4	NM_001164278	124.1827566	12.21307936	4.53E-09	10.16801356
HSPA14	NM_016299	67.83526763	1.918770777	6.12E-07	35.35350258
SPHK1	NM_021972	84.71300204	5.747025389	2.61E-07	14.74032152
FAM124A	NM_001242312	97.67310262	0.691891255	4.68E-12	141.1682861
MEIS3	NM_001301059	60	3.291221687	2.96E-05	18.23031254
NBR1	NM_005899	49.63191953	0.958584121	6.89E-06	51.77627964
LINC00883	NR_028301	120.5302455	2.187544518	1.29E-13	55.09841948
B3GALNT1	NM_033168	43.91763382	2.081992994	0.000343476	21.09403535
NCK1-AS1	NR_110175	127.0398994	1.380788296	1.66E-15	92.005342
KDM3A	NM_001146688	40.26512274	1.818564529	0.001033106	22.14115699
CTNBL1	NM_001281495	69.10167405	0.443959357	6.25E-08	155.648649
LOC554206	NR_038379	109.3667968	17.56512173	4.18E-05	6.226361451
LOC283922	NR_026950	144.1827566	3.301523367	7.13E-14	43.67158446
PLAUR	NM_001005377	121.060491	4.832396743	1.92E-11	25.05185261
UPP1	NM_001287426	49.63191953	2.944217129	9.87E-05	16.85742503
SEC14L1	NM_001039573	54.55083703	1.611320995	3.92E-05	33.85472987
TBC1D14	NM_001113361	138.2033481	2.851056108	2.43E-13	48.47443996
SPIN2B	NM_001282462	83.38738834	4.977850464	1.03E-06	16.75168608
RBM39	NR_040724	98.46847084	4.853594555	1.47E-08	20.28774133
NAPB	NM_022080	61.59073644	1.378052128	2.75E-06	44.69405415
LOC100507506	NR_103764	118.7335936	1.271758205	1.09E-14	93.36176728
SC5D	NM_006918	118.7335936	1.307985667	1.09E-14	90.77591336
LRCH1	NM_001164211	63.65251108	1.327418701	7.24E-06	47.95209758
DSN1	NM_001145318	95.87645073	1.574298964	3.95E-11	60.90104414
TSPAN9	NM_001168320	108.8365513	0.542115024	2.41E-12	200.762839
PACSLN3	NM_016223	135.611328	7.991390479	3.88E-11	16.9696786
MOCS1	NM_001075098	66.50965393	1.904266129	1.12E-06	34.92665911
NQO2	NM_001290222	183.3873883	6.153346869	2.28E-17	29.80286863

MAGT1	NM_032121	27.03989941	0.376636768	0.003274355	71.79304237
ZSWIM5	NM_020883	68.83655131	0.198971805	1.90E-08	345.9613344
SRR	NM_021947	164.713002	6.054630669	2.35E-15	27.2044673
RPL22	NM_000983	97.93822536	5.056363065	2.15E-08	19.36930242
MAGED2	NM_201222	31.42857143	0.847430195	0.00123093	37.08691478
SLC35A2	NM_001282647	80	6.337867529	9.90E-07	12.62254215
GLYCTK	NR_026699	76.93694168	0.514460522	2.23E-11	149.5487768
LOC101929574	NR_120661	57.40797988	1.49062362	2.94E-06	38.51272655
RBAK-RBAKDN	NM_001204513	138.9987163	2.450171508	1.51E-15	56.73019863
CNTNAP1	NM_003632	43.65251108	3.686421274	0.002041429	11.84143315
API5	NM_001142930	103.1222656	1.380619948	1.82E-11	74.69272464
PHOSPHO2	NM_001199288	161.3256137	3.69001589	2.18E-17	43.71949025
ZNF182	NM_006962	29.10167405	0.921653122	0.001500666	31.57551724
MOB1B	NM_173468	89.89704227	1.051340554	3.35E-10	85.50706228
DROSHA	NM_013235	71.95881691	0.519085912	2.33E-08	138.6260254
ZCCHC17	NM_001282571	100.7953682	0.705921331	2.82E-12	142.7855539
TLE3	NM_020908	108.8365513	2.780109417	6.39E-11	39.14829778
SAR1A	NM_020150	103.6525111	3.834679525	8.22E-10	27.03029299
OGDH	NM_001003941	199.2638391	2.38927325	6.36E-21	83.39935127
TMEM61	NM_182532	75.87645073	1.890599069	4.60E-09	40.13354918
SAMD5	NM_001030060	124.4478793	0.721398428	1.76E-14	172.5092188
TBRG4	NM_199122	110.162165	6.963227003	3.90E-09	15.82056207
OSGIN2	NM_004337	72.48906239	3.716030125	3.34E-06	19.50712452
CYHR1	NM_032687	164.713002	38.66194263	3.02E-06	4.260339518
PMS2	NM_000535	133.0193079	0.707358751	6.27E-17	188.0506995
MTDH	NM_178812	161.060491	1.034304096	1.87E-17	155.7187017
SSB	NM_003142	154.8159598	2.524666988	6.66E-18	61.32133881
ENOSF1	NM_001126123	111.4285714	6.171745263	7.27E-10	18.05462907
CCDC47	NM_020198	97.40797988	3.827440716	7.05E-09	25.44989906
GEM	NM_181702	190.162165	3.75163891	8.29E-21	50.68775796
XIAP	NM_001167	60.53024548	0.726351342	2.51E-07	83.33466464
ZNF76	NM_003427	86.24453119	1.611295694	4.94E-09	53.52495604
ETNK1	NM_018638	167.8352676	1.293154194	1.26E-18	129.7875137
INO80C	NM_001098817	115.611328	1.05617664	1.30E-13	109.4621142
CHTF8	NM_001039690	117.4079799	7.155480706	2.88E-10	16.40811913
CARS	NM_001014437	101.5907364	2.259664657	2.36E-10	44.95832428
SRSF1	NR_034041	131.7529015	14.83729787	3.81E-09	8.879844739
ZC3H11A	NM_014827	69.89704227	2.438339128	1.38E-06	28.66584121
SMPDL3A	NM_006714	44.97812478	2.999245312	0.000209902	14.99648082
RANBP3	NM_003624	53.28443061	0.985098686	2.26E-06	54.09044935
TMEM186	NM_015421	58.46847084	8.987401911	0.00083828	6.505603223
CCDC69	NM_015621	113.2844306	2.078074897	5.51E-12	54.51412303
MATN1-AS1	NR_034182	146.5096539	8.554921519	1.61E-12	17.12577417
RBBP8	NM_203291	86.77477667	0.273150922	2.87E-11	317.6807016
ATP2C1	NM_001199183	71.95881691	0.596304228	2.58E-08	120.6746716
PDLIM5	NR_046186	168.8365513	2.876547015	1.45E-19	58.6941741
SKP1	NM_170679	177.9382254	1.27925261	3.57E-23	139.0954562
SCMH1	NM_001172218	46.50965393	0.985421277	4.08E-05	47.19773667
TM2D3	NM_025141	104.9781248	1.742974739	2.28E-12	60.22928642
GLTSCR2	NM_015710	106.7747767	4.358821831	8.11E-10	24.49624711
HCCS	NM_005333	120.2651227	0.453742238	2.27E-18	265.0516366
CMTR2	NM_018348	87.57014489	8.690751001	6.78E-07	10.07624599
TPD52L2	NR_045090	112.4890624	3.81206266	1.56E-10	29.50871285
BIN1	NM_139348	89.36679679	1.203432584	3.43E-09	74.2599112
DLST	NM_001933	118.7335936	2.925129844	4.46E-12	40.59087969
PSMA1	NM_148976	103.1222656	0.764997655	9.68E-12	134.8007604
MPND	NM_001300862	57.40797988	5.647103027	9.59E-05	10.16591686
RNF138P1	NR_001575	24.97812478	0.269270746	0.001688385	92.76211809
MTIF3	NM_152912	98.2033481	6.425564023	3.58E-08	15.28322615
EIF3D	NM_003753	118.2033481	5.719825828	2.95E-10	20.66555026
CLASRP	NM_007056	155.611328	4.09793857	5.17E-15	37.97307483
TMC4	NM_001145303	109.6319195	11.35553053	1.11E-07	9.654495601
SMG1P5	NR_002453	188.1003904	1.61533743	1.75E-20	116.4465002
USP10	NR_073577	180.2651227	2.763303245	2.84E-18	65.23537476

CRB3	NM_174881	113.0193079	1.729934607	1.73E-13	65.3315492
MADD	NM_003682	106.5096539	1.710293804	7.53E-11	62.27564744
CAPN1	NM_001198868	89.36679679	2.424022666	3.72E-09	36.86714569
PSMC3IP	NM_001256016	101.5907364	12.70458605	4.03E-07	7.996383043
CCDC61	NM_001267723	175.0810825	2.13595122	1.57E-19	81.96867083
ZNF619	NM_001145083	78.46847084	0.824048148	2.98E-10	95.22316269
DHRS4L1	NR_102689	146.7747767	2.083777142	7.24E-17	70.43688775
PRPF3	NM_004698	113.0193079	1.32333266	4.62E-13	85.40506202
SECISBP2L	NM_014701	60.79536822	0.599043779	2.10E-07	101.4873543
SLC35A3	NM_012243	198.9987163	1.099170622	1.96E-23	181.0444277
TRMT10B	NM_001286953	107.0398994	3.89598438	6.52E-10	27.47441698
TMEM126B	NM_001256547	97.93822536	1.687809728	1.05E-11	58.0268165
LSM4	NM_001252129	89.89704227	9.819340789	2.53E-06	9.155099533
DISC1	NM_001164539	35.61132799	0.176871407	0.000386263	201.3402202
HEATR5B	NM_019024	81.59073644	0.371407199	2.52E-10	219.680008
ZSCAN22	NM_181846	203.6525111	1.799645913	1.23E-25	113.1625447
PDK4	NM_002612	26.50965393	0.453755548	0.001095033	58.42276542
IDS	NM_006123	160.2651227	1.641197074	4.48E-19	97.65135785
MON1B	NM_014940	84.18275656	7.832077491	3.10E-06	10.74845808
PPCDC	NR_125369	146.7747767	4.839205589	4.69E-14	30.33034533
FAM46C	NM_017709	194.8159598	2.286546751	4.21E-22	85.2009519
C11orf49	NR_103471	89.10167405	0.341380063	2.50E-10	261.0043284
IKBIP	NM_201612	40.32433002	0.556228365	3.23E-05	72.49599732
ARHGAP29	NM_004815	175.0810825	2.933554688	9.08E-18	59.68222894
LINGO1	NM_001301187	34.81595977	0.748434682	0.000634716	46.51836776
LOXL3	NM_001289165	56.67181894	6.084190931	0.000103621	9.314602317
EPHB3	NM_004443	123.3873883	2.938742778	1.69E-12	41.98645395
CFL2	NR_028131	110.6924105	6.838885287	7.32E-10	16.18573873
PARP14	NM_017554	87.03989941	0.071236796	3.59E-14	1221.839049
IST1	NM_001270979	106.2445312	2.709090875	6.18E-11	39.21778046
THTPA	NM_001256321	89.89704227	18.0218436	0.000206398	4.988226747
ZNF480	NM_001297625	72.75418513	0.879660425	4.47E-08	82.70712546
TTLL4	NM_014640	155.0810825	0.637490701	1.54E-19	243.2679915
MAPT	NM_016835	87.83526763	3.986778419	2.59E-08	22.03164019
CLPX	NM_006660	95.87645073	2.221068806	3.98E-10	43.16680801
UBA52	NM_001033930	123.6525111	13.92612026	1.74E-08	8.879178753
IBTK	NM_015525	116.6718189	0.929766541	1.37E-12	125.4850694
NUP210	NM_024923	37.67310262	1.526019232	0.002284859	24.6871742
SEC16A	NM_014866	117.6731026	2.625600744	4.56E-12	44.8175919
RPS27L	NM_015920	177.9382254	3.984329828	1.39E-19	44.6595119
CCDC9	NM_015603	52.22393965	3.565145896	0.000248575	14.64847195
TCERG1	NM_001040006	77.67310262	0.488802635	8.48E-10	158.9048363
STIM1	NM_001277962	69.10167405	0.414723043	8.00E-08	166.6212554
TK1	NM_003258	106.7747767	13.62373272	9.89E-07	7.837409823
MYEOV	NM_001300923	115.3462052	26.22383937	6.07E-05	4.398524702
MRI1	NM_001031727	40.53024548	3.573890299	0.002742831	11.34065181
ETV4	NM_001986	69.10167405	7.214398442	4.03E-05	9.578300202
MALL	NM_005434	55.61132799	12.19489553	0.003419185	4.560213561
MGRN1	NR_102267	152.7541851	0.914255761	3.34E-17	167.0803638
CNOT7	NM_013354	109.3667968	4.958306151	2.39E-10	22.05729002
MIEF1	NM_019008	69.63191953	5.330742692	5.80E-06	13.06232988
GOLM1	NM_177937	55.34620525	2.469033175	4.68E-05	22.41614483
ATP5S	NM_001003803	109.3667968	4.919348577	9.15E-10	22.23196732
DYSF	NM_001130982	55.34620525	0.545643877	3.82E-06	101.4328348
NUDT16	NM_001171906	89.36679679	8.605329816	2.53E-05	10.3850519
SLC35A1	NM_006416	158.9987163	2.489513727	2.73E-17	63.86737884
ZDHHC4	NM_018106	212.2239396	4.59503693	3.17E-22	46.18546986
C6orf203	NM_001142470	166.2445312	4.322915154	9.15E-17	38.45657971
ADCK4	NM_024876	107.8352676	6.075581979	4.96E-09	17.748961
KIRREL	NM_001286349	51.95881691	2.141715881	9.71E-05	24.26036869
PPP1R3D	NM_006242	80.26512274	2.172695649	3.55E-09	36.9426444
TOM1L2	NM_001288786	60.79536822	1.192259548	1.04E-06	50.99172266
PGF	NM_002632	124.1827566	1.753633642	3.04E-14	70.8145382
APOBEC3G	NM_021822	34.81595977	2.652990308	0.002284859	13.12328947

TM7SF2	NR_102367	237.1428571	28.89947301	1.99E-14	8.205784826
LRRC8E	NM_001268285	160.7953682	7.182604509	2.59E-14	22.38677739
LINC00491	NR_103755	35.08108251	0.885564402	0.000461911	39.61437746
C1orf109	NM_017850	78.99871632	2.768736319	2.50E-08	28.53240873
FYCO1	NM_024513	89.10167405	2.124793556	1.20E-08	41.93427347
NELFA	NM_005663	81.3256137	10.46627095	2.14E-05	7.770256866
IL17RD	NM_017563	98.73359358	1.478421064	3.87E-10	66.78313505
GUCD1	NM_001284252	136.4066962	9.742843972	3.09E-11	14.00070622
MIER3	NM_001297598	40.53024548	2.581887164	0.000989936	15.69791509
PLA1A	NM_001206961	26.50965393	0.433480378	0.002268597	61.1553724
SARNP	NM_033082	61.85585918	2.537256467	5.72E-06	24.37903302
EXD2	NR_034164	139.2638391	1.519960555	3.15E-15	91.62332444
RAF1	NM_002880	75.87645073	1.904818248	1.82E-07	39.83395833
FAM104B	NM_001166704	51.95881691	0.861008599	5.81E-06	60.34645525
IL1RAP	NM_001167929	109.3667968	0.209174861	2.89E-14	522.8486657
SEC14L4	NM_001161368	190.162165	2.769862583	4.72E-22	68.65400695
CWC27	NM_001297645	47.57014489	0.175107022	3.55E-07	271.6632631
TCAIM	NM_001029840	173.8146761	5.168964433	1.43E-16	33.62659549
GTF2F1	NM_002096	58.46847084	1.354611693	1.81E-06	43.16253223
EXTL3	NR_073468	75.34620525	2.28328943	2.91E-07	32.99897256
SMIM14	NM_174921	137.9382254	1.743854251	5.46E-14	79.09962963
RNF41	NR_040053	125.9794085	3.258308047	8.51E-13	38.66405712
CANT1	NM_001159773	92.48906239	3.618637604	1.14E-08	25.55908397
RGS20	NR_104579	72.48906239	1.791276152	6.84E-07	40.467832
KDM8	NM_001145348	95.34620525	0.628361703	1.26E-12	151.7377726
HELQ	NM_001297757	83.91763382	0.783116793	2.52E-10	107.1585166
ZNF317	NM_001190791	107.0398994	1.359099992	1.97E-12	78.75792808
IP6K2	NM_001146178	101.060491	4.637035917	3.50E-09	21.7942006
NDUFV2-AS1	NR_110772	60.79536822	4.931267432	4.18E-05	12.3285482
UBR5	NM_015902	79.5289618	1.323212259	1.18E-07	60.10295118
RASAL2-AS1	NR_027982	95.87645073	11.91828151	1.92E-06	8.044486166
TRAPPC5	NM_174894	106.2445312	5.406442811	4.19E-09	19.65146676
RNF32	NM_001184996	149.3667968	3.660162863	2.36E-14	40.8087843
ACY1	NM_001198897	122.3861047	17.83857747	1.22E-07	6.860754723
SERF1B	NM_022978	323.9176338	8.08973999	2.01E-31	40.04054941
ZSCAN16-AS1	NR_103456	69.36679679	8.466434267	4.05E-05	8.193153647
DHX15	NM_001358	105.2432475	2.127974581	1.04E-10	49.45700408
C9orf72	NM_018325	106.5096539	0.318467479	4.65E-15	334.4443653
TM9SF1	NM_001014842	110.162165	7.570707478	2.95E-09	14.55110574
SBDSP1	NR_024111	93.28443061	5.644450251	1.41E-08	16.5267522
TPGS2	NM_001271953	112.2239396	2.479414788	1.72E-11	45.26226923
AMOT	NM_133265	48.57142857	0.984516232	1.12E-05	49.33532528
STAT4	NM_003151	49.89704227	0.196444538	3.64E-06	254.0006593
HNRNPA1P10	NR_002944	138.4684708	21.60115951	1.03E-07	6.410233247
CYB561A3	NM_001161454	92.48906239	12.19677777	5.14E-06	7.58307351
NR4A1	NM_002135	177.6731026	4.472533512	6.79E-19	39.72538208
MMADHC	NM_015702	106.7747767	2.266233264	5.66E-12	47.11552794
ITM2C	NM_001012514	135.611328	2.725004497	8.22E-15	49.76554281
SRSF10	NM_001300936	141.5907364	13.50538838	4.35E-10	10.48401812
LOC100289092	NR_046288	147.0398994	2.065017825	3.55E-12	71.20514778
MOV10	NM_001286072	78.46847084	4.370926076	1.02E-06	17.95236741
6-Sep	NM_145799	43.1222656	0.795289532	4.95E-05	54.22209633
UNG	NM_080911	46.77477667	4.13517806	0.000969924	11.31142988
RBM5	NM_005778	70.42728775	3.445321305	5.17E-07	20.44142811
PPP1R3F	NM_033215	54.28571429	3.476116296	0.000139895	15.61677161
AHSA2	NM_152392	117.6731026	7.618576065	7.90E-10	15.44555067
CAPG	NM_001747	47.30502215	3.678100313	0.000519271	12.86126482
IFI35	NM_005533	66.77477667	7.273740574	3.47E-05	9.180252717
HES6	NM_018645	214.8159598	24.59800991	1.52E-12	8.733062576
HARS	NM_001289093	115.611328	6.49113609	7.45E-10	17.81064614
USH1G	NM_173477	117.9382254	4.575066022	5.46E-12	25.77847506
ZNF138	NM_001160183	95.61132799	1.341845332	3.39E-10	71.25361299
CXorf57	NM_018015	60.79536822	0.235020645	4.14E-08	258.6809695
2-Sep	NM_001008491	115.8764507	6.052885238	1.69E-10	19.1440026

PSMB1	NM_002793	104.1827566	4.06901795	7.26E-10	25.60390685
LOC100287015	NR_040040	166.5096539	10.864693	2.23E-13	15.32575784
ANAPC15	NM_001278491	75.87645073	12.46015973	0.00012077	6.089524725
FANCA	NM_001286167	104.9781248	3.813016013	3.43E-10	27.53151952
PGK1	NM_000291	75.34620525	2.804930467	1.30E-07	26.86205813
ATAD2	NM_014109	168.6306359	1.1946045	1.89E-18	141.1602215
MLLT11	NM_006818	35.34620525	1.249761527	0.000995503	28.28235986
NUDT22	NM_001128613	135.8764507	26.1716706	9.53E-07	5.191737769
LOC101928736	NR_110941	153.0193079	9.606324435	9.03E-13	15.92901727
CCT6A	NM_001009186	118.4684708	8.894033925	1.89E-09	13.31999314
YEATS2	NM_018023	121.3256137	1.207796204	3.47E-12	100.4520575
SH3YL1	NM_015677	72.48906239	0.733195783	5.89E-09	98.8672658
UNC5A	NM_133369	29.10167405	0.01263346	5.89E-05	2303.53948
BRCC3	NM_001018055	51.69369417	1.856571651	6.79E-05	27.84363003
THADA	NR_073394	117.9382254	0.308072326	2.37E-13	382.8264192
PGAP2	NR_027017	123.3873883	7.168784985	2.64E-10	17.21175744
APP	NM_201414	120.7953682	0.984130496	5.94E-13	122.7432426
DCAF8	NR_028103	121.5907364	2.716340198	1.36E-12	44.76270555
GABPB2	NM_144618	58.2033481	0.552077262	2.94E-07	105.4260918
DOPEY1	NM_001199942	44.4478793	0.693481239	2.54E-05	64.09384532
RHPN1-AS1	NR_026785	116.9369417	14.32601194	2.88E-07	8.162560675
ESCO2	NM_001017420	130.4272878	1.207734825	1.15E-15	107.9933153
NCBP2	NM_007362	81.59073644	11.21151841	1.47E-05	7.277402888
HDAC8	NM_001166419	75.34620525	0.856947573	1.46E-08	87.92393793
PIK3R4	NM_014602	89.10167405	0.113969663	1.41E-13	781.8016781
TNIK	NM_001161565	69.10167405	1.015328787	1.92E-07	68.05842101
ABHD11	NM_148912	118.2033481	12.86048142	6.72E-08	9.191207097
PDLIM3	NM_001257963	114.8159598	1.063286985	2.77E-13	107.9820983
PLCG2	NM_002661	163.9176338	0.547120753	5.64E-19	299.6004684
RAD50	NM_005732	155.0810825	1.522236215	4.29E-16	101.8771469
CD81-AS1	NR_108080	32.75418513	0.106487354	0.000114198	307.5875563
HOXC4	NM_014620	43.65251108	5.927993978	0.003003631	7.3637914
WDR20	NM_001242417	87.03989941	1.365933551	1.23E-08	63.72191337
CIPC	NM_033426	106.5096539	0.43993108	4.65E-15	242.105318
CKMT2-AS1	NR_034122	84.18275656	0.739500108	4.33E-10	113.8373824
CBWD5	NM_001286836	174.0797988	17.96428467	3.19E-12	9.690327335
TSC1	NM_001162426	86.77477667	0.799021343	1.38E-10	108.6013251
REV1	NM_001037872	97.14285714	1.558119476	1.15E-09	62.3462184
STAMBP	NM_006463	107.0398994	1.280850499	1.04E-11	83.56939353
FAM114A1	NM_138389	71.95881691	0.67536176	1.49E-08	106.5485509
PRDX6	NM_004905	121.3256137	3.133538683	4.45E-13	38.71840304
PMS2P5	NR_027777	180.7953682	0.406290279	2.90E-26	444.9906321
ZNF670-ZNF695	NR_037894	123.9176338	0.373415529	3.29E-15	331.8491713
CDC42EP3	NM_006449	47.83526763	6.180463762	0.00087356	7.739753759
SH3BP5L	NM_030645	49.10167405	1.373960306	3.19E-05	35.73733086
ZBTB24	NM_001164313	115.0810825	14.10535468	2.89E-07	8.158680525
C21orf33	NM_198155	134.8159598	11.54100739	2.70E-10	11.68147245
WDR47	NM_014969	64.71300204	1.334041578	2.02E-06	48.50898436
SPOP	NM_001007229	38.46847084	0.776032871	0.000225777	49.5706719
PPIA	NM_021130	169.1016741	15.62983928	2.52E-12	10.8191563
TGOLN2	NM_001206840	220	7.597256799	4.18E-21	28.95782067
CHCHD2	NM_016139	129.1016741	7.460459766	5.66E-11	17.30478792
API3	NM_001039569	77.67310262	2.702946469	2.39E-07	28.73645613
VWA8	NM_015058	126.7747767	0.200872445	8.20E-15	631.1207923
GINS1	NM_021067	146.2445312	0.631085361	1.69E-18	231.7349446
SON	NM_032195	113.0193079	3.11923261	1.32E-11	36.23304896
CDK18	NM_212503	77.67310262	6.097053901	1.45E-06	12.73944825
KLHL11	NM_014851	212.2239396	6.444200994	5.79E-21	32.93254506
LRRC16A	NM_017640	138.4684708	0.919967271	1.05E-14	150.514562
CAST	NM_173060	90.16216501	0.738961384	4.69E-11	122.0120116
GOPC	NM_020399	147.8352676	1.460799397	8.58E-17	101.2016215
AP2M1	NM_001025205	163.6525111	6.969420184	1.67E-15	23.48151019
PRMT2	NM_001286676	124.4478793	0.980639829	2.40E-15	126.9047775
COPS4	NM_016129	47.03989941	0.588844959	8.70E-06	79.88503368

ABI1	NM_001178124	117.6731026	0.70735131	9.91E-14	166.3573686
ANKRD46	NM_001270377	182.6512274	1.718541989	5.60E-21	106.2826678
ZFYVE19	NM_001077268	129.1016741	7.129055456	1.04E-11	18.10922567
CCNG1	NM_004060	182.6512274	4.988054297	1.09E-18	36.61773039
GPR63	NM_001143957	121.3256137	1.214057071	1.94E-13	99.93402834
TCEB3-AS1	NR_038280	123.6525111	4.563935761	4.40E-12	27.09339429
LEMD3	NM_014319	98.99871632	0.887450247	8.25E-12	111.5541031
LRRC27	NM_001143758	49.10167405	0.927988831	2.75E-05	52.91192351
DUSP3	NM_004090	172.4890624	7.251613425	1.04E-15	23.78630138
CENPK	NM_022145	80	0.12030925	7.31E-13	664.9530292
HMGXB4	NM_001003681	63.1222656	0.845340914	7.57E-08	74.67078024
FAM76A	NM_001143913	81.3256137	0.940054256	7.23E-09	86.51161693
INTS2	NR_026641	170.9575332	1.48429467	9.29E-19	115.1776239
KBTBD3	NM_152433	80.26512274	1.176986866	5.67E-09	68.19542774
IRAK4	NM_016123	152.4890624	0.806825087	1.47E-19	188.9989105
NFYA	NM_002505	115.3462052	2.837906135	4.56E-12	40.64482747
RTFDC1	NM_001283035	36.14157347	1.198644661	0.001707128	30.15203307
PIK3R2	NM_005027	131.6936942	8.153855273	1.06E-10	16.15109537
ZBTB5	NM_014872	66.24453119	4.898431878	1.68E-05	13.52361998
LINC01024	NR_102741	180.2651227	11.12509367	6.82E-15	16.20347011
DNAJC19	NR_046073	112.7541851	7.175792691	2.95E-09	15.71313303
SLC25A10	NM_001270888	117.9382254	6.653815299	3.33E-10	17.72490219
TGM2	NM_198951	58.46847084	0.382025022	3.53E-08	153.0487991
SRP14-AS1	NR_040061	69.36679679	2.6460782	3.69E-07	26.21494587
RAP2B	NM_002886	124.713002	7.064832496	3.46E-11	17.65264811
ARHGAP12	NM_001270696	126.2445312	1.137826114	8.26E-13	110.9523939
RTN3	NM_201429	136.6718189	1.336578655	1.85E-14	102.2549765
LONRF3	NR_110311	65.97940845	0.047761826	2.21E-11	1381.425594
LOC647323	NR_033944	41.3256137	0.585439623	5.57E-05	70.58902763
ANKMY2	NM_020319	95.87645073	1.253219039	1.92E-10	76.50414473
TMEM136	NM_001198672	109.3667968	6.787989942	3.30E-09	16.1118089
RASSF1	NM_007182	160.2651227	25.74575701	3.46E-09	6.22491398
TMPPE	NM_001136238	37.93822536	2.373732008	0.000553378	15.98252256
HSP90AB1	NM_001271971	98.73359358	23.10817881	6.72E-05	4.272668755
TMEM231	NR_074083	71.48777871	1.445910273	4.92E-08	49.44136579
ZNF562	NM_001300885	85.773493	0.307758672	8.38E-12	278.7037407
BAIAP3	NM_001199099	124.9781248	3.781164889	7.07E-13	33.05281003
METTL14	NM_020961	89.89704227	0.963385824	1.77E-10	93.31364449
MED7	NM_001100816	78.2033481	6.285320712	1.99E-06	12.4422208
PLEKHG5	NM_001042664	83.65251108	8.055146672	2.32E-06	10.38497677
DDHD1	NM_001160148	132.7541851	0.963119732	5.07E-15	137.8376755
TP73	NM_001204186	89.36679679	0.312975876	1.29E-11	285.5389298
10-Sep	NM_178584	54.81595977	2.019069269	4.25E-05	27.14912291
C1orf115	NM_024709	58.46847084	4.775270868	4.52E-05	12.24401138
PSMD6	NM_014814	108.5714286	3.381293022	3.09E-11	32.10944094
KIN	NM_012311	78.2033481	1.120608099	2.62E-08	69.78652766
SSFA2	NM_006751	57.67310262	9.685017712	0.002019796	5.954878384
AK2	NM_001625	101.8558592	3.892195004	1.41E-09	26.16925901
RPE	NM_001278285	64.18275656	2.288926446	1.67E-06	28.04055004
R3HCC1	NM_001136108	93.01930787	7.499201774	1.52E-07	12.40389453
ZNF669	NM_024804	135.611328	5.746697178	2.01E-12	23.59813364
DEDD2	NR_073050	87.30502215	3.614569832	2.75E-08	24.15364102
IQCD	NM_138451	49.63191953	4.379923329	0.000738221	11.33168684
PLK2	NM_006622	191.9588169	9.385155725	6.51E-17	20.45345038
C18orf21	NM_001201475	137.9382254	0.238325947	1.56E-20	578.7797213
JARID2	NM_004973	68.83655131	1.182335632	1.79E-07	58.22082111
C3orf52	NM_024616	136.1415735	1.804458533	1.82E-15	75.44732726
TP53I13	NM_138349	72.22393965	4.511694995	1.11E-06	16.00816095
FANCI	NM_018193	58.99871632	1.522982802	9.29E-06	38.73892484
NR2F1-AS1	NR_109824	44.4478793	1.154755607	4.01E-05	38.49115694
DONSON	NM_017613	125.7142857	4.783864266	3.70E-12	26.27881535
DPYD	NM_001160301	63.1222656	0.156550964	7.12E-08	403.205857
NKD1	NM_033119	57.93822536	0.752947454	1.18E-06	76.94856397
DPP8	NM_017743	123.9176338	0.627682489	2.11E-15	197.4208871

PRDM10	NM_020228	57.93822536	1.361792167	2.13E-05	42.54557101
VRK2	NM_001288836	108.6306359	1.899717304	1.22E-10	57.18252691
SLC26A6	NM_001281732	103.6525111	3.493538249	6.56E-11	29.66977995
MRPL30	NR_028356	135.611328	4.173594234	1.64E-13	32.49269584
KHDRBS1	NR_073499	117.6731026	5.181917028	1.78E-10	22.70841119
C8orf58	NM_001013842	94.28571429	8.115533093	1.75E-07	11.61793233
CBFA2T2	NM_001032999	114.8159598	0.607454816	3.58E-13	189.0115227
PVR	NM_001135768	189.6319195	3.996559063	8.58E-20	47.44879696
ARMCX3	NM_177948	40.26512274	3.00896658	0.001115905	13.38171152
AURKAIP1	NM_001127229	99.26383906	12.38007465	4.01E-06	8.01803235
USP33	NM_015017	117.4079799	1.464847349	2.87E-12	80.15031733
NIPA2	NM_001008860	157.9382254	3.169601434	6.96E-16	49.82904905
RPL13A	NM_012423	178.4684708	34.9562925	2.05E-08	5.105474811
MLXIPL	NM_032952	209.8970423	5.94207098	1.84E-19	35.32388674
ZNF765	NM_001040185	47.03989941	0.527217502	1.92E-05	89.22294726
PTPRU	NM_005704	49.10167405	2.061462047	0.000176565	23.8188591
PON2	NM_000305	158.4684708	2.259783822	1.17E-17	70.12550018
SKAP2	NM_003930	115.0810825	0.232693683	3.22E-14	494.5604071
TPD52	NM_001025253	190.162165	1.673980132	1.84E-19	113.5988184
TSG101	NM_006292	176.1415735	0.069282416	5.36E-31	2542.370543
BCL2L11	NM_001204108	178.2033481	3.573468085	3.49E-17	49.8684594
TMEM25	NM_001144037	81.59073644	3.20812134	6.52E-08	25.43255937
GTF2H2B	NR_033417	155.8764507	1.236597929	9.04E-19	126.0526539
SMUG1	NM_001243788	111.9588169	9.046729121	1.66E-08	12.37561282
ZNF248	NM_001267597	142.1209819	0.075410489	6.58E-24	1884.631487
PDE8A	NM_001243137	119.2638391	0.714773179	1.13E-13	166.8555041
CCDC77	NM_001130148	101.060491	1.249124137	1.26E-10	80.90508216
SLC9A6	NM_001177651	54.55083703	0.764723677	1.70E-06	71.33405001
DTNB	NM_183360	88.83655131	0.063435229	4.18E-12	1400.429262
SLC30A9	NM_006345	130.162165	1.149858856	1.03E-13	113.1983846
MVD	NM_002461	91.48777871	0.705391791	9.95E-13	129.6978217
MRPL52	NM_181307	69.89704227	3.15408348	1.47E-06	22.16080922
HNRNPA2B1	NM_031243	233.2844306	10.4480457	7.91E-21	22.32804462
CANX	NM_001024649	85.24324752	2.751350904	1.09E-08	30.98232486
KRCC1	NM_016618	161.3256137	2.734113323	1.33E-16	59.00472827
NFYC	NM_014223	69.89704227	1.92935782	1.47E-06	36.22813848
MYO5A	NM_000259	109.6319195	0.37919711	1.20E-12	289.1159153
DFFA	NM_004401	87.83526763	4.666145599	1.76E-08	18.82394489
C1QTNF9B-AS1	NM_001014442	51.95881691	5.455492202	0.000897332	9.524129993
BCCIP	NM_016567	82.6512274	7.513232807	2.54E-06	11.00075421
CENPJ	NR_047594	106.2445312	1.343900564	1.42E-11	79.05683951
SCD	NM_005063	110.162165	12.25525928	9.69E-08	8.988970571
GPBP1	NM_022913	94.28571429	0.950524768	6.43E-11	99.19332713
LOC81691	NM_001199053	183.9176338	1.538940264	5.05E-21	119.5092741
RALA	NM_005402	78.46847084	0.745366312	4.18E-09	105.2750434
ADSL	NM_000026	182.6512274	4.859881859	7.28E-18	37.58347069
SHOX2	NM_006884	80.53024548	3.205277844	5.39E-08	25.1242636
KRIT1	NM_194455	93.28443061	1.401032942	6.11E-10	66.58261046
STX17	NM_017919	200.2651227	1.411434434	3.17E-22	141.8876555
STIP1	NM_001282652	153.8146761	7.498473477	4.34E-13	20.51279858
FBXO27	NM_178820	63.1222656	11.53623765	0.001204423	5.471650943
BCDIN3D-AS1	NR_027499	123.9176338	3.90158877	6.10E-12	31.76081363
LYN	NM_002350	63.65251108	0.644126992	3.13E-07	98.81981641
PHKB	NM_001031835	124.4478793	0.372104974	1.21E-14	334.4429342
PCID2	NM_018386	160.5302455	0.390783642	5.80E-23	410.7905968
CRABP2	NM_001199723	84.4478793	13.22699016	2.62E-05	6.384512145
MASTL	NM_001172303	67.30502215	4.430864375	9.09E-06	15.1900434
CD276	NM_001024736	62.85714286	4.574322759	3.32E-05	13.74130033
AGA	NR_033655	93.54955335	6.046001923	4.08E-08	15.47296123
RFWD3	NM_018124	69.89704227	3.199773419	1.41E-06	21.84437243
NDUFV1	NM_001166102	47.03989941	1.951425065	0.000165225	24.10540904
HIGD1A	NM_001099669	135.3462052	0.484435728	3.02E-19	279.3893954
RNF146	NM_001242852	176.6718189	3.344536358	7.03E-19	52.82400908
NFKB1	NM_001165412	40.53024548	0.637422954	0.000117335	63.58454025

PLOD2	NM_000935	78.46847084	0.646805215	3.71E-09	121.317004
C14orf169	NM_024644	81.06049096	6.611183737	3.18E-06	12.26111604
TRAPPC11	NM_199053	92.22393965	0.199067087	1.71E-13	463.2807017
FBXL4	NR_103836	120.2651227	0.413389687	9.34E-16	290.9243422
EMR2	NM_001271052	197.9382254	2.257914205	9.55E-22	87.66419244
COG6	NM_001145079	112.7541851	0.25161201	2.28E-14	448.1271983
NFE2L2	NM_006164	144.1827566	4.704500914	1.73E-13	30.64783262
YAP1	NM_006106	37.93822536	0.816939312	0.000277132	46.43946592
MDM1	NM_001205029	41.06049096	2.962050865	0.001860845	13.86218294
TMEM230	NM_001009924	83.91763382	2.039047895	1.41E-09	41.15530294
VPS13B	NM_152564	273.8146761	0.153852253	4.94E-32	1779.724837
CSRNP2	NM_030809	158.2033481	6.877469697	3.70E-14	23.0031327
NFAT5	NM_173215	134.550837	3.056105097	5.43E-13	44.02690115
YWHAZ	NM_001135699	89.89704227	12.86307778	1.64E-05	6.988766128
GLIPR2	NM_001287010	82.38610466	2.881174829	1.87E-08	28.59462183
CHIC2	NM_012110	118.7335936	1.346241735	6.44E-13	88.19633986
PSMG3-AS1	NR_027329	186.7747767	1.894692428	4.53E-22	98.57788733
NAA60	NM_001083600	38.2033481	2.126267761	0.001719583	17.96732697
LINC00673	NR_036488	288.3655131	3.837146783	8.03E-27	75.15102481
EXOSC3	NM_016042	121.5907364	8.95117409	8.48E-10	13.58377518
ARL13B	NM_001174150	117.9382254	0.314674243	6.85E-16	374.794658
TMEM168	NM_001287497	97.93822536	0.642982253	3.55E-12	152.318707
RNF4	NM_002938	120.5302455	4.034377834	6.29E-11	29.87579509
TOMM40	NM_006114	89.36679679	6.101460316	1.97E-07	14.64678817
CHMP1A	NM_002768	127.5701449	3.550052134	1.12E-13	35.93472435
LOC100507564	NR_038953	75.34620525	7.23233147	5.57E-06	10.41796903
CTDNEP1	NM_015343	89.63191953	3.390043269	2.59E-09	26.43975679
LTV1	NM_032860	83.38738834	2.021491563	4.99E-09	41.25042611
ACAD8	NM_014384	130.9575332	0.320252534	9.55E-21	408.9195851
TSPAN10	NM_001290212	111.9588169	2.728164916	3.76E-12	41.03814115
INSIG1	NM_005542	123.6525111	4.350540447	8.86E-12	28.4223334
SH3GLB2	NM_020145	40.53024548	0.259644985	4.63E-06	156.0987035
LOC102606465	NR_109849	128.6306359	0.21221698	4.16E-19	606.1279161
CAAP1	NM_024828	127.3050222	0.461026028	1.37E-17	276.1341323
ARID1B	NM_017519	49.36679679	0.887287559	2.31E-05	55.63787781
ROR1	NM_005012	127.0398994	0.113456062	9.59E-16	1119.727733
TMEM143	NM_018273	63.65251108	5.226955879	3.64E-05	12.17774027
FOS	NM_005252	216.1415735	19.78242696	4.64E-15	10.92593815
LOC148709	NR_002929	58.99871632	1.152447313	4.89E-07	51.19428509
TRIM7	NM_203295	67.03989941	4.019502522	4.78E-06	16.67865589
LOC101929231	NR_110240	71.95881691	0.187531203	1.34E-08	383.7164994
GLB1L	NM_001286423	78.2033481	3.02849064	7.36E-08	25.82254905
UBE3D	NM_198920	139.5289618	0.583586331	3.43E-16	239.0888108
CPNE1	NM_152925	146.5096539	6.08584688	1.62E-12	24.07383177
C1orf27	NM_001164246	44.4478793	0.813879743	1.47E-05	54.61234253
UBE3B	NM_001270449	215.8764507	1.20350271	3.28E-30	179.3734645
RNF7	NM_183237	79.26383906	5.748865812	7.97E-07	13.78773512
TOMM5	NM_001001790	115.0810825	0.748916762	4.02E-15	153.663382
CDK11B	NM_033486	86.77477667	5.08863536	3.51E-07	17.05266157
ABCC3	NM_001144070	81.59073644	6.87030028	2.55E-06	11.87586177
SCP2	NM_001193617	83.65251108	0.380355128	4.33E-10	219.9326493
PAPOLA	NM_001252007	112.2239396	1.02407112	4.73E-13	109.5860799
UBE2F	NR_103500	38.2033481	0.145198648	4.52E-05	263.1109072
DUS3L	NM_001161619	75.61132799	1.433733818	5.69E-09	52.73735405
SGSM1	NM_001098497	226.5096539	0.593011349	5.13E-28	381.9651249
TMOD1	NM_001166116	47.03989941	1.547274892	0.000323004	30.40177259
NOP16	NM_001291307	81.85585918	7.045474014	7.49E-07	11.61821888
LMBR1	NM_022458	151.9588169	1.013702103	1.47E-16	149.9048059
NCEH1	NM_001146276	106.2445312	1.57333767	1.11E-10	67.52811757
RUFY2	NM_001278225	84.97812478	2.250757406	6.63E-09	37.75534606
GPN3	NM_016301	90.69241049	0.832948837	6.83E-12	108.8811298
GULP1	NR_045562	120.5302455	0.478305837	1.99E-13	251.9940928
USP19	NM_001199162	73.01930787	4.277922172	7.76E-07	17.06887244
TMEM106A	NM_001291586	60.53024548	4.321388312	1.65E-05	14.00712945

TRIM41	NM_033549	109.8970423	15.38278367	5.87E-07	7.144158339
CTTNBP2NL	NM_018704	103.6525111	0.125528471	5.85E-16	825.7291002
ZMYND8	NM_001281781	46.50965393	2.570203195	0.000387419	18.09571089
ATG12	NR_073603	91.95881691	8.007252255	8.40E-07	11.4844411
LINC00173	NR_027345	100	15.78204246	1.01E-05	6.336315484
ZNF7	NM_001282797	135.611328	7.89943697	3.87E-11	17.16721438
TAF9B	NM_015975	74.55083703	5.604120535	4.19E-06	13.30286109
MKLN1	NM_013255	126.5096539	0.236792459	5.03E-16	534.2638622
SLC22A5	NM_003060	132.2239396	4.026805851	9.61E-13	32.83593611
TSPAN3	NM_001168412	101.5907364	1.127952447	4.26E-12	90.06650654
RNF111	NM_001270528	136.1415735	1.044557127	2.46E-14	130.3342536
ARAF	NM_001256197	66.24453119	4.111174315	5.92E-06	16.11328689
C21orf67	NR_027129	186.5096539	7.206287753	1.59E-17	25.8815163
ZNF219	NM_001102454	63.65251108	7.835104064	0.00012883	8.124016038
C14orf178	NM_174943	50.42728775	2.068663621	1.05E-05	24.37674605
LPCAT1	NM_024830	69.10167405	2.992485895	1.65E-06	23.09172924
METTL9	NM_016025	80.79536822	0.72906596	7.69E-10	110.820382
RABEP1	NM_001291581	140.7953682	1.623551959	3.37E-14	86.72058041
BMS1P6	NR_024495	155.3462052	1.174913834	2.20E-20	132.2192324
RPS10	NM_001203245	87.83526763	10.58556029	4.87E-06	8.297649365
FPGT	NM_001199328	104.1827566	1.876774808	7.41E-12	55.51159155
RHOD	NM_014578	117.6731026	5.734953775	1.83E-10	20.51857909
PFKP	NM_002627	155.0810825	3.996940745	3.41E-14	38.79994536
ACP1	NM_007099	137.4079799	2.251738691	9.57E-16	61.02305761
ACTR6	NR_048569	39.5289618	0.091492359	1.05E-06	432.0465927
IFT20	NM_174887	34.34492157	0.582884181	0.000279437	58.92237716
SMARCA5	NM_003601	89.89704227	2.066596993	5.29E-09	43.50003535
GPR89A	NM_001097613	157.6731026	1.125504837	1.36E-17	140.091004
PPARD	NM_001171818	130.162165	2.582001233	4.78E-13	50.4113489
ST3GAL4	NM_001254757	54.81595977	0.87637588	1.87E-06	62.54845786
RNF166	NM_178841	127.5701449	2.087536568	1.73E-15	61.11037616
CBR3-AS1	NR_038892	129.3667968	5.298708523	3.58E-12	24.41477885
CMC1	NM_182523	166.5096539	0.293573383	2.44E-23	567.1823937
NAA40	NM_024771	69.89704227	0.469644779	4.70E-09	148.829595
TNFRSF11A	NM_003839	38.46847084	1.825224325	0.002122683	21.07602354
SCN5A	NM_001099405	63.1222656	0.160796566	1.57E-08	392.5597854
SLC29A1	NM_001078174	122.8571429	9.066910947	7.13E-10	13.55005509
PIP4K2B	NM_003559	103.3873883	4.969939349	3.37E-09	20.80254528
GPN1	NM_001145049	33.28443061	2.348400345	0.00315871	14.17323527
RBM27	NM_018989	112.2239396	0.998984625	1.05E-11	112.3380049
RTBDN	NM_031429	73.01930787	11.59232191	0.000134784	6.298937214
EOGT	NM_001278689	120.5302455	0.842152365	2.45E-14	143.1216613
RANBP6	NM_001243202	115.0810825	1.729873774	1.06E-13	66.52571084
CENPO	NM_001199803	69.63191953	5.25040316	9.52E-06	13.26220433
PARP9	NM_001146103	70.42728775	1.779913127	2.92E-07	39.5678231
RBM4	NM_001198843	104.4478793	4.970576333	3.58E-10	21.01323313
SLC41A3	NM_001008485	131.6936942	2.203283333	2.98E-13	59.77156555
BTF3L4	NM_001136497	67.30502215	2.210973799	7.63E-07	30.4413477
C12orf4	NM_020374	66.50965393	0.524972949	2.01E-08	126.6915831
ARL4C	NM_001282431	86.24453119	4.697747098	5.57E-08	18.35870033
CHTOP	NM_001206612	52.22393965	8.650344046	0.001428964	6.037209546
MSTO1	NM_001256533	99.26383906	7.769346092	4.04E-08	12.7763441
FGFR1OP	NM_194429	83.65251108	0.057422259	1.68E-14	1456.795891
PCBP1-AS1	NR_033872	110.4272878	1.145427213	3.26E-11	96.40707544
LOC101927620	NR_110062	169.6319195	4.457531263	3.88E-18	38.05512727
BLMH	NM_000386	115.611328	2.269654934	7.20E-12	50.93784358
ZNF146	NM_001099639	41.85585918	4.092985197	0.002449862	10.2262425
C10orf2	NM_001163813	123.7117184	5.333090145	1.13E-11	23.19700492
POLR3D	NM_001722	129.6319195	7.2189377	2.73E-11	17.95720159
CDK13	NM_003718	52.22393965	0.843978753	8.05E-06	61.87826346
ZBTB4	NM_020899	52.75418513	6.739333048	0.001689509	7.827805029
TRPV6	NM_018646	42.85714286	0.961220322	9.84E-05	44.58618057
SRA1	NR_045587	163.9176338	14.65905302	1.29E-11	11.18200703
ALOX12P2	NR_002710	37.67310262	1.165611182	0.001625524	32.32047118

C17orf62	NM_001193654	128.8957586	6.582340846	1.12E-11	19.58205471
LHPP	NM_001167880	204.9781248	0.936200936	2.08E-23	218.9467207
UTP23	NM_032334	71.48777871	0.592865882	3.98E-10	120.580018
ZMIZ2	NM_001300959	85.71428571	6.774207688	9.35E-07	12.65303481
DDX19B	NM_001014449	110.162165	2.228547724	8.11E-12	49.43226649
DUSP18	NM_152511	113.5495533	6.066795145	1.24E-10	18.71656297
RER1	NM_007033	92.48906239	6.858330163	1.40E-07	13.48565324
GPR161	NM_001267612	38.46847084	1.130434213	0.000231235	34.02981829
ENDOV	NM_173627	128.1003904	6.977414308	4.40E-11	18.35929253
UBE2E3	NM_001278555	89.36679679	0.437778037	3.71E-11	204.137232
CEP120	NM_001166226	68.10039037	0.964120579	5.94E-08	70.63472338
TMEM11	NM_003876	79.26383906	3.204883797	1.59E-07	24.73220375
BIRC3	NM_182962	78.73359358	0.136255942	1.54E-13	577.8360352
ANXA2	NM_001002858	98.46847084	3.951237269	1.58E-08	24.92092075
ANKHD1	NM_017747	75.87645073	1.249615366	2.00E-07	60.71984451
MRPL39	NM_017446	141.3256137	0.498000983	6.13E-20	283.7858128
INF2	NM_032714	100.2651227	2.448431176	2.11E-10	40.95076216
SPDYC	NM_001008778	109.3667968	14.19700397	9.93E-07	7.703512446
CAMSAP2	NM_001297707	29.36679679	0.761282133	0.002365549	38.57544467
LARP4	NM_052879	87.03989941	1.039184884	6.17E-10	83.75785746
SNHG17	NR_027241	158.2033481	8.010298466	1.13E-13	19.74999418
ZNF70	NM_021916	77.67310262	2.184689098	3.59E-08	35.55338958
DNAJA3	NM_001135110	144.713002	3.388815992	2.31E-14	42.70311589
ADAT3	NM_138422	101.3256137	9.458128904	2.58E-07	10.71307176
ZNF276	NR_110129	118.4684708	15.62790539	1.48E-07	7.580572564
GSTZ1	NM_001513	61.06049096	4.2249136	2.23E-05	14.45248276
TBC1D9B	NM_198868	51.69369417	2.836914245	7.94E-05	18.22180359
PPT1	NM_001142604	101.5907364	3.825847562	1.27E-09	26.55378574
ILF3	NM_012218	94.81595977	5.904165507	3.42E-08	16.05916359
FBXO25	NM_012173	46.50965393	0.110305239	1.02E-06	421.6450124
MST4	NM_001042453	78.46847084	0.710122173	1.34E-09	110.4999587
TNRC6B	NM_015088	30.42728775	0.429799799	0.001054751	70.79409486
ZNF408	NM_024741	246.7747767	8.40444699	2.11E-23	29.36240504
MELK	NM_001256690	146.2445312	1.598551082	7.73E-15	91.48567903
TRIM26	NM_003449	72.22393965	0.857615369	4.47E-08	84.21483831
PSMA3	NM_002788	121.5907364	5.743679991	1.69E-10	21.16948309
HEXA	NM_000520	73.28443061	1.173350463	5.04E-08	62.45740971
NUAK1	NM_014840	29.89704227	0.581000995	0.001902027	51.45781592
TTC39B	NM_001168340	89.63191953	0.071767667	3.37E-13	1248.917841
COQ9	NM_020312	156.6718189	1.283669994	3.12E-20	122.0499191
DNAJC8	NM_014280	86.24453119	1.494461302	3.21E-09	57.70944423
KIAA1244	NM_020340	69.10167405	0.2099653	1.90E-08	329.1099724
MYO5C	NM_018728	123.1222656	1.658906424	2.57E-12	74.21893351
ATP6V0D1	NM_004691	116.1415735	1.523477009	9.88E-13	76.23454296
P2RX4	NM_001256796	73.54955335	5.212247333	2.20E-06	14.11091007
TOMM70A	NM_014820	67.30502215	1.475589237	5.05E-07	45.61230217
MARK3	NM_001128921	108.3655131	1.530119154	9.74E-11	70.82161728
CEP131	NM_001009811	81.85585918	0.410883369	9.80E-12	199.2192074
SSH2	NM_001282130	94.55083703	0.114419551	2.99E-12	826.3521099
C3orf58	NM_173552	152.2239396	2.468300905	1.80E-16	61.67154876
SPATA33	NR_073515	170.162165	7.830198717	1.39E-15	21.73152575
CC2D1B	NM_032449	116.1415735	3.884960905	7.95E-12	29.89517174
SGPP1	NM_030791	143.9176338	0.207129612	2.06E-22	694.8192105
SNX2	NM_003100	125.9794085	0.186620073	4.67E-19	675.05819
SLC10A4	NM_152679	55.61132799	2.766277183	2.36E-05	20.10331008
PDE5A	NM_033437	26.50965393	0.207516066	0.003388022	127.7474775
ZNF35	NM_003420	97.67310262	2.574354943	2.67E-10	37.94080644
ATP2A2	NM_170665	120.7953682	2.101089582	3.88E-12	57.49177439
ARF6	NM_001663	115.611328	11.38279776	2.92E-08	10.15667065
BRMS1	NM_015399	169.3667968	0.699110462	2.34E-24	242.2604237
MRPS18A	NM_018135	78.99871632	2.702097716	1.13E-07	29.23606939
TCF12	NM_207037	73.28443061	0.184105781	1.05E-08	398.0561088
TESC	NM_017899	97.93822536	0.677334655	4.02E-12	144.5935545
SPRY1	NM_001258039	66.77477667	5.053143072	1.11E-05	13.21450347

BTRC	NM_003939	88.36551311	1.451488261	1.93E-08	60.8792475
SLC12A2	NR_046207	139.2638391	0.851487667	2.26E-16	163.5535597
TXLNG	NM_018360	126.5096539	1.846686442	4.21E-13	68.50629921
MPDU1	NR_024603	87.30502215	18.15140053	0.000115037	4.809822911
WDR35	NM_001006657	83.65251108	0.298395576	6.38E-11	280.3409896
ZNF658B	NR_003528	195.8764507	6.921933057	9.08E-18	28.29794063
FAM122C	NM_001170783	35.34620525	0.72673466	0.000995503	48.63701596
GIPC1	NM_202470	66.77477667	3.58413326	8.93E-06	18.63066238
TOMM20	NM_014765	85.71428571	3.871569717	6.92E-08	22.13941424
ZNF652	NM_001145365	60.79536822	1.142705475	6.57E-07	53.20300772
GTPBP3	NM_032620	113.2844306	19.71862114	2.27E-06	5.745048288
ZNF304	NM_020657	40.79536822	2.022834753	0.000298828	20.16742502
S1PR5	NM_030760	107.3050222	0.418774141	1.39E-15	256.2360269
RNF187	NM_001010858	48.57142857	2.321876046	2.97E-05	20.9190446
BNIP1	NM_013980	40.26512274	0.513348141	1.49E-05	78.43628817
ALG5	NM_001142364	112.2239396	1.784167483	1.15E-11	62.8998907
HN1L	NM_144570	78.46847084	3.1646393	7.82E-08	24.79539164
MUM1	NM_032853	45.97940845	2.802973799	0.000218624	16.40379531
KIAA1524	NM_020890	98.73359358	1.299144477	6.17E-11	75.99893263
MAPKAPK3	NM_001243925	69.36679679	2.299722713	7.27E-07	30.16311332
TYW5	NM_001039693	241.5907364	3.426141971	1.69E-26	70.5139304
PNPLA8	NM_001256010	65.50837026	1.123794026	1.25E-06	58.2921503
ARL8A	NM_001256129	98.2033481	5.045014298	1.21E-08	19.46542513
ZNF33A	NM_001278176	80.26512274	1.380965897	3.19E-08	58.12245106
COX5B	NM_001862	140	12.15676687	3.32E-10	11.51621985
RNF141	NM_016422	149.3667968	2.323542889	1.41E-16	64.28407132
ACBD5	NR_073196	107.0398994	1.551541049	3.01E-11	68.9894086
MAGEA2	NM_005361	97.93822536	11.47305579	2.15E-06	8.536367918
SMG1P1	NR_027154	156.6718189	1.493742545	2.88E-17	104.8854232
RPS6KB1	NM_001272044	133.0193079	1.677510062	3.09E-14	79.29568403
ZFYVE26	NM_015346	60.26512274	0.590134824	2.72E-07	102.1209396
SPATA6L	NM_001039395	35.08108251	2.11925906	0.004235871	16.55346586
NDUFC2	NM_001204055	69.36679679	6.280851198	2.48E-05	11.04417134
ISOC2	NM_001136201	97.93822536	3.603391158	1.98E-09	27.17945987
C2orf69	NM_153689	138.7335936	0.953500412	5.96E-19	145.4992486
PMPCB	NM_004279	111.9588169	3.529929008	4.10E-11	31.71701659
NCOA3	NM_001174087	133.2844306	0.32426674	9.95E-17	411.0333079
ZUFSP	NM_145062	72.75418513	2.150801949	3.31E-07	33.82653859
EPHX4	NM_173567	54.81595977	0.892153467	1.03E-05	61.44229863
CYP51A1	NM_000786	138.4684708	2.399832925	1.69E-14	57.69921288
TMEM171	NM_173490	81.06049096	4.297536255	1.30E-07	18.86208426
MEF2BNB-MEF2B	NR_027307	78.99871632	4.31875034	8.48E-07	18.29203128
GTF3C5	NM_001286709	164.713002	4.037627467	1.40E-16	40.79450207
MRPL55	NM_181441	61.3256137	9.41679155	0.001458596	6.512368185
FAM96A	NM_001014812	75.34620525	2.437405505	9.41E-08	30.91246208
ZNF189	NM_197977	57.93822536	2.192590651	3.36E-06	26.42455185
REXO2	NM_015523	86.24453119	2.883020414	9.24E-09	29.91464465
STXBP5-AS1	NR_034115	31.95881691	0.072297043	0.000651647	442.0487446
POLD3	NR_046409	29.69112681	1.200963748	0.002121421	24.72275025
RALGPS1	NM_001190730	111.9588169	0.219170415	1.74E-13	510.8299718
CASP7	NM_001267056	93.54955335	2.9534489	2.67E-09	31.67468154
SERBP1	NM_001018067	90.42728775	5.871712922	2.28E-07	15.40049538
SPOCK3	NM_001204356	51.69369417	0.014182662	1.22E-07	3644.851408
ALCAM	NM_001243281	81.85585918	0.893841381	3.42E-09	91.57761203
FIP1L1	NM_030917	104.1827566	0.3882602	2.75E-13	268.3323104
KPTN	NR_111923	47.83526763	4.183171717	0.000358436	11.43516711
LINC01315	NR_120595	121.3256137	4.846041796	1.99E-11	25.03602297
NADSYN1	NM_018161	109.1016741	0.096213955	8.06E-18	1133.948546
NPTN	NM_001161364	54.28571429	1.101836862	2.92E-06	49.26837734
PBRM1	NM_018313	97.93822536	0.448807254	1.42E-11	218.2189003
CLCN2	NM_004366	211.4285714	3.195034688	1.56E-23	66.1741083
FLVCR1-AS1	NR_027286	112.4890624	8.421308253	4.97E-08	13.35767069
RNF19B	NM_001300826	149.1016741	1.840706935	3.77E-17	81.00239706
FAM111A	NM_001142521	57.93822536	4.786752427	6.49E-05	12.10386922

MAGEF1	NM_022149	153.0193079	15.10199796	5.77E-10	10.13238833
ZNF655	NM_024061	117.9382254	4.614578411	2.39E-11	25.55774653
RBKS	NM_022128	58.46847084	0.066849323	1.43E-08	874.6307122
TBC1D1	NM_001253912	65.91763382	1.247249573	7.01E-07	51.24686768
CAV2	NM_198212	38.73359358	4.659557101	0.003048421	8.312720018
PIGG	NM_001289055	134.8159598	1.730482176	8.00E-16	77.90658673
DENND1B	NM_001300858	108.5714286	0.259112407	4.04E-13	419.0128521
ZNF195	NR_040083	101.3256137	3.794813399	1.91E-09	26.70107936
TMEM147	NM_032635	123.9176338	4.955235185	3.89E-11	25.00741724
FIGNL1	NM_001287494	64.18275656	0.13843883	4.14E-10	463.6181661
ZFYVE28	NM_001172656	83.38738834	1.047431273	3.21E-09	79.61132198
PLA2G12A	NM_030821	98.73359358	1.612858697	1.32E-11	61.21651807
VDAC2	NR_033675	71.95881691	6.434708443	2.20E-05	11.18291801
KANSL3	NM_001115016	66.24453119	2.80002613	2.54E-06	23.65854035
CEP78	NM_001098802	138.7335936	1.482384373	2.45E-16	93.58813823
CAMK2D	NM_172128	63.38738834	0.975391658	6.97E-07	64.98660081
SSR1	NR_120448	78.46847084	4.408002209	1.24E-06	17.80136831
EPS15L1	NR_047666	65.97940845	2.071450901	3.57E-06	31.85178486
NOD1	NM_006092	149.8970423	1.066955697	6.61E-17	140.490409
ZBED8	NM_022090	214.8159598	4.258037137	5.41E-24	50.44952706
SLCO5A1	NM_030958	35.61132799	0.215101294	0.000355038	165.5560844
ACTR10	NM_018477	92.75418513	1.039209367	2.96E-10	89.25456992
BAHD1	NM_014952	40.79536822	2.956185165	0.000970407	13.80000438
HAUS2	NM_001130447	157.9382254	2.491621083	4.03E-17	63.38773839
ANKFY1	NM_001257999	72.22393965	1.882345868	8.45E-07	38.36911212
HSPBP1	NM_012267	37.67310262	1.085875052	0.000767477	34.69377306
GPATCH3	NM_022078	87.83526763	2.936513116	2.91E-09	29.91141676
EI24	NM_004879	155.0810825	3.203331905	6.16E-17	48.41243028
CTBP2	NM_001329	72.22393965	4.840754729	9.05E-06	14.91997502
ITGA2	NR_073103	121.5907364	1.813455282	3.12E-12	67.04920582
NFATC3	NM_173163	138.4684708	0.455857281	1.38E-16	303.7539962
AP2S1	NM_021575	78.46847084	12.93418502	9.74E-05	6.066750298
LINC00339	NR_023919	68.36551311	14.31136117	0.000914767	4.777009839
CPPED1	NM_001099455	140.2651227	0.589602321	1.81E-16	237.8978469
SNAPC2	NM_003083	155.0810825	17.77796165	8.07E-10	8.723220667
NUP50	NM_007172	61.06049096	2.774432598	5.95E-06	22.00828054
PDE4DIP	NM_001198832	42.71043468	1.451922257	0.0006999	29.41647494
EIF1	NM_005801	200.0592073	27.28989862	1.85E-11	7.330888623
USP21	NM_001014443	106.7747767	1.829608195	2.24E-12	58.35936729
KRT8	NM_001256293	56.93694168	9.378631759	0.000676266	6.070921979
GNA13	NM_006572	157.9382254	1.053289503	2.25E-18	149.9475927
FAM53B	NM_014661	48.57142857	0.983884228	1.66E-05	49.36701616
SCARB1	NM_005505	137.6731026	2.827215336	1.42E-13	48.69565501
ST6GAL1	NM_173216	82.38610466	0.291813102	3.48E-10	282.3248994
FGFR4	NM_001291980	183.6525111	7.043700377	1.93E-17	26.07329972
SLC22A18	NM_002555	91.69369417	5.528673336	3.59E-08	16.58511701
IFT122	NM_052990	61.59073644	0.857448805	2.49E-07	71.83022018
SDCBP	NM_001007069	140.5302455	0.981517827	2.18E-17	143.1764575
FRMD5	NM_001286491	95.61132799	1.681027994	7.07E-09	56.87670184
SPRED2	NM_181784	75.61132799	2.453524518	5.48E-07	30.81743322
CEBPA-AS1	NR_026887	103.3873883	14.61214012	5.08E-06	7.075444631
MINOS1-NBL1	NM_001204089	95.34620525	2.524948527	2.71E-09	37.76164316
HJURP	NM_001282962	89.89704227	5.354015322	4.83E-08	16.79058368
TMEM175	NM_032326	96.67181894	0.674220616	3.55E-12	143.3830658
LOC100129361	NM_001271592	147.0398994	8.70811466	4.46E-12	16.88538853
TMEM217	NR_104442	58.46847084	3.583310164	2.30E-05	16.31688806
LRCH4	NM_002319	115.0810825	2.271710995	8.43E-13	50.65832878
FADS1	NM_013402	137.1428571	16.24813817	8.75E-09	8.440527506
ATXN1	NM_000332	46.50965393	0.0831008	1.52E-05	559.677573
PHYKPL	NR_103509	115.3462052	12.61879629	7.32E-08	9.140824737
STEAP2	NM_152999	104.1827566	2.109923031	3.22E-11	49.37751522
CYFIP2	NM_001291721	74.55083703	1.27648035	3.87E-07	58.40343491
EEF1E1	NM_004280	115.0810825	3.118534977	3.11E-11	36.90229013
FBXO16	NM_001258211	76.14157347	1.080910292	6.70E-08	70.44208386

DNM1	NM_001005336	95.61132799	4.853932488	3.74E-08	19.69770454
NUDT2	NM_001244390	98.46847084	2.608773489	4.90E-10	37.74512093
VPS29	NM_001282151	121.8558592	1.289136226	1.24E-15	94.52519967
VCL	NM_014000	170.4272878	2.583392982	5.76E-17	65.97033009
PRMT1	NM_198318	72.75418513	6.355539307	1.20E-05	11.44736609
SCRN2	NM_001145023	96.40669621	8.799375635	2.10E-07	10.95608373
PPP1R15B	NM_032833	141.5907364	1.697050613	1.62E-17	83.43341991
ZNF707	NM_001288808	110.6924105	0.424823352	6.61E-17	260.561031
SMC6	NM_001142286	151.6936942	0.300335148	1.16E-20	505.0813897
SLC1A3	NM_001166695	65.71428571	1.200173554	2.06E-06	54.75398578
EML3	NM_001300794	65.97940845	8.186365289	0.000202947	8.0596707
KANTR	NR_110456	77.40797988	0.100841586	2.28E-12	767.6196228
SYF2	NM_207170	43.91763382	0.560868422	2.50E-05	78.30291761
PI4K2A	NM_018425	61.06049096	2.180119179	6.92E-06	28.00786835
COPS8	NM_006710	63.65251108	3.869716549	1.37E-05	16.44888205
PPAP2A	NM_176895	163.1222656	0.523836455	3.42E-20	311.3992239
RASSF6	NM_001270392	92.48906239	0.286444369	4.59E-13	322.8866488
N6AMT2	NM_174928	177.9382254	2.127977761	2.13E-19	83.61846097
SVIL-AS1	NR_110925	108.1003904	1.255726595	1.59E-11	86.08592893
SF3A1	NM_001005409	135.8764507	3.272514875	9.55E-14	41.52049904
CYCS	NM_018947	58.2033481	8.533824586	0.000920015	6.82031222
ELMO3	NM_024712	119.2638391	8.401749934	1.09E-09	14.19511887
GGA1	NM_013365	69.10167405	5.333597391	8.69E-06	12.95592243
ZNF200	NM_001145448	70.42728775	4.209472123	1.64E-06	16.73066971
METTL15	NM_001113528	58.73359358	0.68231287	1.04E-06	86.08014913
CKLF-CMTM1	NM_001204099	58.2033481	3.251570903	1.55E-05	17.90007041
TPM3	NM_001278189	152.4890624	4.117489055	7.02E-15	37.03447911
CAPN10-AS1	NR_103792	81.85585918	5.451473153	7.16E-07	15.015365
MED27	NM_001253881	53.54955335	0.972756645	4.98E-06	55.04928046
IFI27L1	NM_145249	44.71300204	0.160211432	1.95E-07	279.0874621
ELMO2	NM_182764	97.93822536	2.096982446	4.78E-10	46.7043611
EIF1AX	NM_001412	86.77477667	1.504976229	5.74E-10	57.65856961
ZNF286A	NM_001288649	81.59073644	4.296569452	1.89E-07	18.98973992
RASSF8	NM_007211	31.69369417	1.092745814	0.001245276	29.00372049
UNC45A	NM_001039675	112.4890624	12.7551915	1.32E-07	8.819080635
TMEM177	NM_001105199	126.5096539	8.866620103	5.50E-10	14.26808101
FAM222B	NM_001288637	154.550837	1.205983778	1.75E-16	128.1533299
INPP4B	NM_001101669	38.2033481	0.139179672	0.00028857	274.4894246
ECHDC1	NM_001105545	112.2239396	1.517475768	9.89E-12	73.95435369
GARS	NM_002047	67.30502215	3.800636435	9.43E-06	17.708882
CRLF3	NR_073118	172.7541851	2.669968889	2.25E-18	64.70269592
SLC44A2	NM_020428	124.1827566	4.620167867	5.65E-12	26.87840791
METTL4	NM_022840	52.48906239	1.043109062	2.83E-05	50.31982206
DKC1	NM_001363	57.40797988	2.829532277	7.22E-06	20.28885846
QDPR	NM_000320	86.24453119	0.489728709	5.08E-11	176.1067498
COMMD3-BM1I	NM_001204062	120.7953682	5.548922786	7.90E-11	21.76915644
HMGB1	NM_002128	117.4079799	6.902296139	1.98E-10	17.00998878
TMEM63C	NM_020431	106.2445312	1.475094032	9.28E-11	72.02559899
MRPL49	NR_037568	112.7541851	14.34122398	2.13E-07	7.86224281
HMOX2	NM_001286267	144.4478793	2.12394957	4.25E-16	68.00909085
MC4R	NM_005912	46.24453119	5.929941664	0.003970493	7.798479954
SRP19	NM_001204194	57.20206442	2.035380197	7.61E-06	28.10387195
LAMTOR2	NM_001145264	95.61132799	8.226283151	4.53E-07	11.62266436
SERTAD2	NM_014755	183.3873883	4.301311179	6.40E-19	42.63522929
TMEM51	NM_001136216	63.65251108	3.778283025	7.26E-06	16.84694097
PICK1	NM_001039584	67.30502215	2.183443152	2.87E-07	30.82517724
CBX3	NM_016587	134.550837	6.11654673	1.11E-12	21.99784339
DIS3L2	NM_001257281	82.12098192	0.623107319	4.62E-09	131.7926775
AARSD1	NM_001261434	123.1222656	4.855391211	1.92E-11	25.35784662
NEK7	NM_133494	98.2033481	1.257547382	1.88E-09	78.09117133
SLC35B3	NR_109914	117.9382254	1.092769836	1.57E-14	107.9259524
PBLD	NM_001033083	43.91763382	1.583390422	0.000476904	27.73645287
NPEPL1	NM_024663	23.1222656	0.263085078	0.002923898	87.88892833
GCOM1	NM_001285900	83.1222656	1.055105118	2.67E-09	78.78102777

GDI1	NM_001493	49.10167405	5.099489093	0.001223677	9.628743812
CLDND1	NM_019895	101.3256137	12.1103443	1.34E-06	8.36686482
NDRG4	NM_001242836	64.4478793	8.654558239	0.000252253	7.446697742
WDTC1	NM_015023	31.95881691	0.048575985	8.52E-05	657.9139241
NAA10	NM_001256119	45.71428571	3.486399929	0.000336274	13.11217492
TRIB3	NM_021158	55.08108251	5.252097448	0.000179055	10.48744488
NUTM2B-AS1	NR_120613	54.55083703	1.385772928	4.73E-05	39.36491754
SETD4	NM_017438	97.93822536	3.246047466	4.47E-09	30.17153211
QTRTD1	NM_024638	50.16216501	0.56572722	9.12E-07	88.66846647
SPECC1	NM_001033555	69.63191953	0.428379676	5.11E-08	162.5472063
FAM3A	NM_001171134	92.48906239	2.403386572	6.22E-10	38.48280733
ZNF2	NM_001017396	100.7953682	1.792408373	1.48E-11	56.23460017
EMX1	NM_004097	63.65251108	2.600329746	1.73E-06	24.47863052
MICAL2	NM_001282668	57.40797988	1.886698028	2.42E-05	30.4277521
EEFSEC	NM_021937	95.34620525	1.50632719	5.97E-09	63.29714146
CARHSP1	NM_001278260	198.2033481	11.05726099	1.54E-16	17.92517588
HM13	NM_178580	141.5907364	6.360618444	5.72E-12	22.2605298
GMIP	NM_001288999	162.6512274	2.541445101	6.13E-19	63.99950459
CDK16	NM_006201	77.93822536	4.169427244	2.70E-07	18.69278939
SLC33A1	NM_004733	139.5289618	0.176845066	8.41E-22	788.9898462
BCL7B	NM_001707	69.10167405	1.238794544	1.18E-07	55.78138393
CNOT1	NR_049763	117.9382254	1.602256245	1.12E-11	73.60759286
C14orf2	NM_004894	135.3462052	3.333576143	2.32E-14	40.60090409
BAMBI	NM_012342	152.2239396	11.38158145	5.64E-12	13.37458597
TSPAN13	NM_014399	143.6525111	2.082556089	5.73E-16	68.9789398
CRELD1	NM_015513	113.8146761	5.125938596	1.30E-10	22.20367528
ACADSB	NM_001609	139.5289618	0.479080405	7.12E-18	291.2433077
DCP1A	NM_001290206	149.8970423	1.212846845	2.64E-16	123.5910724
TYSND1	NM_001040273	98.73359358	11.83525624	4.41E-07	8.342328344
OXSM	NR_026937	95.61132799	6.071234049	1.46E-08	15.7482527
DNM3	NM_001278252	134.550837	0.028902559	3.14E-21	4655.326149
PLK4	NM_001190801	81.59073644	2.043514669	3.58E-09	39.92667031
STK16	NR_026909	143.9176338	11.91075004	3.72E-11	12.08300345
PPWD1	NM_001278929	89.36679679	1.031698894	2.04E-10	86.62100665
CAGE1	NM_205864	144.4478793	0.550591301	3.92E-19	262.3504566
MED15	NM_001293234	87.30502215	2.517296987	1.45E-08	34.68205086
CXorf56	NM_022101	38.2033481	0.850089546	0.000110099	44.94038103
SUPT5H	NM_003169	98.2033481	1.897876612	2.01E-10	51.74380015
METTTL22	NM_024109	161.5907364	1.845860848	2.04E-19	87.54220917
SPC25	NM_020675	67.03989941	0.206886218	1.14E-10	324.0423653
ZNF627	NM_001290084	193.0193079	1.284518227	3.22E-24	150.2659159
DCLK2	NR_036614	71.95881691	0.868030767	5.83E-08	82.89892435
TUBB4B	NM_006088	169.3667968	22.75446077	8.55E-10	7.443234912
PRKAG2	NM_024429	69.10167405	1.483780779	1.15E-06	46.57135005
USB1	NM_024598	196.1415735	1.729190034	6.41E-24	113.4297386
SGOL1	NM_001012409	84.18275656	1.32313193	9.61E-10	63.62385688
MAEA	NM_001297431	77.67310262	1.9055939	1.11E-07	40.76057475
C9orf16	NM_024112	127.0398994	13.76522241	7.28E-09	9.229048078
TWF1	NR_073473	146.7747767	1.08841963	3.30E-19	134.8512767
PPIL6	NM_001111298	127.5701449	0.190404889	9.39E-20	669.9940605
TMPO	NM_001032283	115.0810825	1.496333862	1.04E-12	76.90869359
FAM136A	NM_032822	135.8764507	8.544454662	2.69E-11	15.90229641
RABL2A	NM_007082	101.060491	3.642634649	8.77E-10	27.74379006
FOXN2	NM_002158	89.10167405	1.206154711	4.11E-09	73.87250842
IL6ST	NM_001190981	165.5083703	0.88023772	2.05E-19	188.0269007
SRRM1	NM_005839	50.69241049	3.632401215	7.32E-05	13.95561985
OSCAR	NM_130771	47.03989941	2.049751844	5.00E-05	22.94907042
TEAD2	NM_001256660	97.40797988	5.153074847	7.37E-09	18.90288474
KIAA1191	NR_109798	164.4478793	6.308758014	8.02E-16	26.06660121
UXS1	NM_025076	149.3667968	1.226846088	1.55E-15	121.7486026
SLC2A8	NM_014580	95.08108251	1.200399121	2.50E-12	79.20789082
CHD8	NM_020920	44.4478793	0.997924831	2.03E-05	44.54030797
IFNLR1	NM_170743	97.93822536	1.084827562	4.80E-11	90.2799936
AP3M2	NM_001134296	69.63191953	2.939368633	4.65E-07	23.68941369

MKNK1	NM_001135553	173.0193079	2.449144506	1.09E-18	70.64479351
PSTPIP2	NM_024430	69.10167405	0.615296978	3.61E-08	112.3062139
RFC2	NM_181471	109.6319195	4.476751005	3.42E-10	24.4891707
ACSF2	NM_001288971	125.9794085	2.055558626	3.40E-13	61.28718826
UQCR11	NM_006830	109.8970423	8.072653021	4.94E-09	13.61349757
DNLZ	NM_001080849	103.1222656	22.41683148	0.000148974	4.600215945
EEF1D	NM_001130057	92.01802419	7.315271078	2.20E-07	12.57889465
PTGR1	NM_001146109	52.48906239	2.306154796	7.52E-05	22.76042462
TK2	NM_001272050	107.5701449	0.953040861	2.19E-12	112.8704437
NEK4	NM_001193533	143.9176338	0.939786458	3.04E-16	153.1386546
TOR1B	NM_014506	203.3873883	6.295260079	2.32E-20	32.30801997
GNG5	NM_005274	113.0193079	8.395501326	6.12E-09	13.46188911
PYGB	NM_002862	215.3462052	2.24838896	1.52E-23	95.7780033
CLUL1	NM_001289036	50.16216501	0.984048362	4.21E-06	50.97530462
LOC100289495	NR_040022	93.54955335	0.299563689	1.02E-14	312.2860242
CCNJ	NM_019084	87.30502215	1.121955631	7.75E-11	77.81503984
UBE3C	NM_014671	75.08108251	2.775532206	5.92E-07	27.05105794
SNPH	NM_014723	26.50965393	0.903581869	0.00387543	29.33840846
CATIP-AS1	NR_110573	178.2033481	34.47075926	4.84E-07	5.169696054
MEPCE	NM_001194991	212.4890624	39.63642229	3.34E-10	5.360954651
ITPA	NM_033453	69.89704227	3.733510338	3.33E-06	18.72153441
TSPYL4	NM_021648	89.89704227	6.500601639	3.55E-07	13.82903418
APBB1	NR_047512	33.28443061	1.207453621	0.002338344	27.56580463
CPB2-AS1	NR_046227	47.30502215	0.841539095	7.28E-06	56.21250684
TAF1A-AS1	NR_110614	55.61132799	0.595036619	8.47E-07	93.45866493
STX6	NM_001286210	77.93822536	1.362347745	6.86E-08	57.20876014
SNX17	NM_001267059	50.42728775	9.368329008	0.003354936	5.382740904
SENP8	NM_145204	107.0398994	1.489829337	2.52E-12	71.84708795
C15orf40	NM_001160113	89.89704227	3.323054	5.18E-09	27.0525373
PQLC2	NM_017765	103.6525111	0.667155139	5.58E-14	155.3649295
SEC13	NM_001278946	132.4890624	7.460517862	1.46E-11	17.75869515
SUCO	NM_014283	149.1016741	0.322038023	1.81E-20	462.9940044
PRPF38A	NM_032864	56.40669621	3.753321054	5.80E-05	15.02847622
ADAM15	NR_048577	143.6525111	5.35627783	5.23E-14	26.81946599
C2CD3	NM_001286577	55.08108251	1.158808661	4.71E-06	47.53250847
ZNF629	NM_001080417	47.30502215	5.267603154	0.000427353	8.980369396
SLC38A3	NM_006841	43.91763382	0.503168757	4.08E-05	87.28211597
RAB5B	NM_001252036	52.22393965	2.685023489	4.91E-05	19.4500867
LMCD1	NM_001278234	37.67310262	0.673937767	0.00018728	55.89997247
C9orf69	NM_001256526	77.40797988	14.00913828	0.000265796	5.525534713
TANGO2	NM_001283148	157.6731026	0.807390013	3.06E-19	195.2874077
NFATC2	NM_012340	44.71300204	0.72485343	3.30E-05	61.68557694
CTNNBIP1	NM_001012329	37.40797988	1.324172521	0.001929278	28.25008018
RPL17	NM_001199345	178.2033481	14.82105978	3.92E-13	12.02365761
AVPII	NM_021732	116.1415735	6.153890317	3.93E-10	18.87287025
ARMC3	NM_001282747	44.4478793	0.744665878	2.80E-05	59.68835234
PEX1	NM_001282677	126.5096539	0.266524596	4.67E-19	474.6640875
MAP3K11	NM_002419	101.8558592	4.88675263	8.71E-10	20.84326073
PXMP4	NM_183397	38.99871632	0.872655573	0.000256401	44.68970064
SNX14	NR_123729	109.3667968	1.23624545	4.01E-11	88.46689527
PPP1R8	NM_014110	127.3050222	2.849383104	3.12E-13	44.67809962
NTMT1	NM_001286798	171.4877787	9.216503691	6.37E-15	18.60659795
PHOSPHO1	NM_178500	129.8970423	3.22399926	3.58E-14	40.29065511
PDCD10	NM_145859	135.8764507	0.192200509	3.66E-21	706.9515652
PTEN	NM_000314	98.99871632	1.595680941	7.28E-10	62.04167373
GNG10	NM_001017998	138.7335936	5.96531008	3.81E-13	23.25672793
ITGA3	NM_002204	96.67181894	13.46861486	3.09E-06	7.177562054
NOLC1	NM_001284389	79.5289618	8.818474891	1.03E-05	9.018448517
DHX33	NM_020162	57.93822536	2.632212456	1.36E-05	22.0112268
PRR14	NM_024031	95.87645073	12.15166816	1.42E-06	7.889982633
NEDD1	NM_152905	121.8558592	0.480385423	6.12E-17	253.6626911
FAM72C	NM_001287385	95.93565801	7.778857816	5.73E-08	12.33287203
FAM109A	NM_144671	89.63191953	3.116876599	2.02E-09	28.75696765
FAM134A	NM_024293	72.22393965	4.585818347	3.51E-06	15.74941138

SLC9A5	NM_004594	73.01930787	5.661472296	2.28E-06	12.89758283
HIP1	NM_001243198	55.34620525	0.947809918	4.82E-06	58.39378148
POLR3H	NM_001282885	80.32433002	6.590390885	2.95E-06	12.18809801
MAFB	NM_005461	58.46847084	0.907021772	2.54E-07	64.46203682
TRMT10C	NM_017819	104.1827566	3.628688619	1.98E-10	28.71085604
MED25	NM_030973	152.2239396	1.0825423	4.33E-20	140.6170822
ALG3	NM_001006941	64.18275656	13.74932296	0.003079526	4.668066694
LIMCH1	NM_001289122	66.24453119	0.332102254	1.94E-07	199.4702848
STARD3NL	NM_032016	95.87645073	0.45919096	5.68E-13	208.7942905
METTLL13	NM_014955	41.85585918	0.336920419	1.57E-06	124.2306991
SF3B6	NM_016047	109.8970423	6.955251428	4.00E-09	15.80058513
TGFBR3	NM_001195683	103.9176338	1.019523997	2.85E-11	101.9275997
STX1A	NM_004603	91.69369417	7.355365836	2.62E-07	12.46623162
ANAPC10	NM_001256710	70.16216501	0.328180255	6.31E-09	213.7915491
STAT6	NM_001178078	73.01930787	12.10690814	0.000186996	6.031210201
LONP1	NM_004793	75.34620525	9.644805313	6.76E-05	7.812102246
PRKAR1A	NM_212472	165.5083703	3.118769611	1.10E-17	53.06848242
APIP	NM_015957	101.060491	1.442455628	5.47E-11	70.06142095
CBX5	NM_012117	83.91763382	3.989147822	4.28E-07	21.03648137
PTER	NM_030664	154.550837	2.248803449	9.38E-16	68.72580931
NDUFB8	NM_001284368	138.9987163	9.884386384	2.29E-11	14.06245273
APOBEC3H	NM_001166003	28.83655131	0.163990132	0.000553085	175.8432111
LOC100289561	NM_001242713	150.4272878	2.460359972	6.07E-17	61.14035729
PSMD8	NM_002812	66.77477667	6.630970238	3.93E-05	10.07013669
KIF3C	NM_002254	34.81595977	0.097310661	3.97E-05	357.7815576
ZNF771	NM_016643	149.1016741	11.21800245	6.66E-12	13.29128557
FAM86B2	NM_001137610	86.77477667	4.272887876	2.45E-08	20.30822694
KHNYN	NM_001290257	150.162165	13.2371454	2.81E-11	11.34399906
DCLRE1B	NM_022836	84.97812478	4.805761345	1.24E-07	17.68255198
LOC101928103	NR_110292	78.2033481	0.464712016	5.13E-09	168.2834646
LRSAM1	NM_001005373	90.16216501	3.244307998	6.07E-09	27.79087715
PDXDC1	NM_001285448	72.54826967	3.996956536	6.61E-06	18.1508778
CCT3	NM_001008800	107.8352676	4.438686466	5.49E-10	24.29440972
CLN3	NM_001286105	49.36679679	2.223056669	5.57E-05	22.20671991
HMGA2	NM_001300918	83.65251108	6.540828707	7.89E-07	12.78928326
DUT	NM_001025248	163.3873883	3.725024586	2.48E-17	43.86209663
MBD1	NM_001204141	67.83526763	5.325022794	5.43E-06	12.73896287
DYNC1I2	NM_001271787	84.71300204	0.333308514	1.58E-11	254.1579303
C11orf80	NM_024650	98.46847084	2.387736853	2.13E-09	41.23924742
TOR2A	NM_001252018	91.69369417	1.395184915	1.77E-11	65.72153496
HOXA1	NM_153620	57.40797988	8.567698641	0.001087555	6.700513439
BRE	NM_199194	105.7142857	0.277629259	6.18E-12	380.7750163
GEMIN7	NM_001007269	136.4066962	5.340206734	3.39E-13	25.54333624
MPP2	NM_001278376	66.77477667	1.053999161	2.79E-07	63.35372852
UST	NM_005715	34.55083703	0.004542421	5.15E-06	7606.260562
ANKRD49	NM_017704	52.48906239	2.710366003	4.38E-05	19.3660422
ACACA	NM_198834	144.4478793	1.947171406	6.07E-14	74.18344317
ZBTB48	NM_005341	104.1827566	11.76593428	2.51E-07	8.854609764
SEC11C	NM_033280	97.67310262	0.934351914	2.81E-12	104.5356692
LINC00441	NR_046414	147.0398994	4.534501297	6.12E-15	32.42691749
ALDH4A1	NM_170726	55.87645073	1.562319459	9.01E-06	35.76506097
STMN3	NM_015894	55.08108251	10.82240116	0.002780724	5.089543594
MYADM	NM_001290191	81.06049096	7.48586748	5.58E-06	10.82846994
THEMIS2	NM_001105556	141.3256137	6.414934661	5.34E-13	22.03071756
VDAC3	NM_005662	138.9987163	2.332241719	5.46E-16	59.59876079
TFSM	NM_001172695	92.48906239	1.545571558	5.14E-11	59.84133306
MORN1	NM_001301060	35.87645073	1.65808595	0.001707128	21.6372684
RABAC1	NM_006423	120.7953682	19.3488712	9.80E-07	6.243018881
AMBRA1	NM_001300731	95.61132799	0.689688237	1.42E-10	138.6297791
NUMB	NM_001005744	90.69241049	0.438390512	1.22E-10	206.8758517
KLK8	NM_144505	77.40797988	14.56573555	0.000163277	5.314388665
LOC100128164	NR_024409	112.2239396	2.439969345	3.28E-12	45.99399574
KCTD14	NM_023930	105.773493	6.036000978	3.48E-09	17.52377002
CSDE1	NM_001242893	83.38738834	1.932095217	1.91E-08	43.15904704

PQLC3	NM_152391	146.5096539	4.676609533	2.62E-14	31.32817758
ITFG3	NR_104317	61.06049096	3.617132125	1.01E-05	16.88091252
CTSC	NM_001114173	118.4684708	1.147974328	4.92E-15	103.1978398
PPCS	NM_001287509	183.3873883	5.921658276	4.59E-18	30.96892455
SKP2	NM_001243120	132.4890624	0.051161828	7.86E-22	2589.607676
SMPD4	NM_017951	55.61132799	5.048283288	0.000237091	11.01588893
SACM1L	NM_014016	105.9794085	0.619804601	1.57E-13	170.9884185
SPRYD4	NM_207344	61.3256137	8.929153519	0.001192249	6.868020979
APOA1BP	NM_144772	193.2844306	26.24191798	3.74E-11	7.365484137
SLC22A15	NM_018420	82.85714286	1.081467065	1.88E-09	76.61550275
ARFIP2	NM_001242856	140.5302455	17.09867417	3.30E-09	8.218780243
CERCAM	NM_016174	43.91763382	5.972554989	0.002458379	7.353240597
LRRC20	NM_018239	151.9588169	0.196594853	3.23E-22	772.9541979
ZNF3	NM_001278290	87.03989941	3.833044627	2.32E-08	22.70777094
SH2B1	NM_001145795	74.81595977	1.388787885	3.45E-09	53.8714087
CALM3	NM_005184	95.34620525	8.387646191	2.56E-07	11.36745674
GABARAPL1	NM_031412	69.10167405	2.874451412	1.16E-06	24.03995203
NPM2	NM_001286680	32.22393965	1.610036819	0.003838	20.01441163
KIAA1958	NM_133465	75.34620525	0.358514069	9.52E-09	210.1624781
ACCS	NM_032592	103.6525111	1.384975494	1.74E-12	74.84068241
UCHL3	NM_006002	173.0193079	0.430717899	5.27E-23	401.6998322
CYP2S1	NM_030622	122.6512274	3.642777801	9.19E-13	33.66969772
CACNB2	NM_201596	27.03989941	0.167109584	0.004526955	161.8093877
ELP6	NM_001031703	112.2239396	4.672325769	1.03E-10	24.01886024
RPL21	NM_000982	126.2445312	8.74218326	2.76E-10	14.44084703
BAG1	NM_001172415	138.9987163	5.354685355	1.53E-13	25.95833501
NDUFA8	NM_014222	129.6319195	0.7823174	6.94E-18	165.7024624
ORAI2	NM_001126340	48.57142857	3.713362746	0.000653389	13.08017339
COPS7B	NM_022730	96.14157347	1.277652195	2.27E-11	75.24862701
ME2	NM_001168335	136.6718189	0.609743738	1.92E-17	224.1463263
ACOT9	NM_001037171	77.40797988	0.830465409	1.57E-08	93.21036017
FBXW8	NM_153348	81.06049096	0.861888861	4.14E-09	94.04981856
MSANTD2	NM_001301087	78.46847084	1.736149311	5.22E-08	45.19684474
RCAN2	NM_001251974	37.14285714	0.100556508	0.000128167	369.3729821
RUSC2	NM_014806	93.01930787	0.47697173	5.22E-12	195.0205894
G6PC3	NR_028581	115.0810825	13.31448315	1.16E-07	8.643300774
DPYSL2	NM_001386	35.87645073	0.376025423	0.000140629	95.40964138
INPP5J	NM_001284285	80.79536822	2.210404923	2.80E-08	36.55229291
CENPA	NM_001042426	81.06049096	4.669940182	5.22E-07	17.35792918
ENOPH1	NM_021204	87.57014489	3.026578329	5.49E-09	28.93371173
SIGMAR1	NM_001282207	167.5701449	15.4897787	3.70E-12	10.81811097
SLC39A1	NM_001271957	121.3256137	10.40292231	5.60E-09	11.66264729
FAM21C	NM_001169106	70.16216501	1.158027258	3.63E-07	60.58766279
SLC25A22	NM_001191060	110.162165	20.10319361	7.21E-06	5.479834059
P4HA1	NM_001142595	104.1827566	0.671648746	2.39E-12	155.1149425
ZNF621	NM_001287245	163.6525111	3.794128288	1.05E-16	43.13309901
RPL6	NM_001024662	170.162165	8.202348116	1.01E-15	20.74554294
CD47	NM_198793	163.9176338	1.121924728	6.05E-19	146.1039495
IL20RA	NM_001278722	44.4478793	1.209603419	0.000190276	36.74582808
MRPL18	NM_014161	98.2033481	4.179458193	2.45E-09	23.49666956
ZSWIM3	NR_037628	58.2033481	0.96365093	2.23E-06	60.39878785
BTN2A1	NM_001197234	77.40797988	3.265247983	4.36E-07	23.70661594
SEC11A	NM_001271918	140.7953682	2.263490499	9.18E-15	62.20276527
CRYBB2P1	NR_033733	141.060491	2.57452752	7.64E-16	54.79082661
RIOK2	NM_018343	80.05920728	0.032685243	1.51E-14	2449.399193
ADD1	NM_001119	40	1.231209481	0.000136826	32.48837879
POLR3B	NM_018082	175.3462052	0.744369151	4.01E-20	235.5635038
KTN1	NR_073129	62.85714286	0.129548678	9.13E-09	485.2009594
YWHAG	NM_012479	296.1415735	5.519550461	1.15E-29	53.6532052
ZFAND4	NR_104256	85.97940845	1.337800943	2.60E-09	64.26920901
SMIM19	NM_001135675	157.6731026	3.81418194	1.24E-16	41.33864224
LCORL	NM_001166139	83.38738834	0.514492249	1.10E-09	162.0770546
ZSCAN26	NM_152736	121.3256137	3.275592072	5.04E-13	37.03929275
SLC39A9	NM_018375	80.79536822	1.009697652	2.87E-08	80.01936827

PTBP2	NM_021190	120.7953682	1.259061005	2.40E-12	95.94083826
LOC101929378	NR_110249	63.65251108	0.539858402	4.42E-07	117.9059377
RPP14	NR_049758	155.0810825	3.086551312	2.84E-17	50.24412906
ATXN3	NM_001164780	144.1827566	0.950333469	1.01E-16	151.7180666
ARHGFE2	NM_001162383	55.87645073	4.341342884	0.000119626	12.87077575
EMC3-AS1	NR_103821	95.87645073	2.039603645	6.76E-11	47.0073933
LINC00115	NR_024321	161.3256137	26.41253605	1.78E-07	6.107918353
COG5	NM_006348	43.91763382	0.949833321	8.95E-05	46.23720061
EIF2A	NM_032025	47.03989941	1.799026263	0.00022881	26.14742229
SEPT7P9	NR_027269	75.87645073	1.576462138	1.34E-08	48.1308424
RPL8	NM_033301	163.4465956	33.41134936	3.02E-07	4.891948358
DUS4L	NM_001270419	155.0810825	2.456355118	9.53E-18	63.13463446
KRAS	NM_004985	86.24453119	0.389136702	9.07E-12	221.630421
NAF1	NM_138386	67.83526763	0.655296785	7.41E-09	103.5183891
MAP3K13	NM_001242317	124.713002	0.827229788	6.32E-14	150.7598056
MYD88	NM_001172568	94.55083703	7.257744179	1.35E-07	13.02757919
CXCL3	NM_002090	129.3667968	6.609487185	3.83E-11	19.57289472
GBX1	NM_001098834	26.77477667	0.551531845	0.001747383	48.54620255
EIF3C	NM_001267574	191.7529015	11.56103827	2.62E-15	16.58613153
LMNB1	NM_005573	135.8764507	2.634331553	5.91E-14	51.57910005
MRPL40	NM_003776	184.1827566	9.648485285	4.68E-16	19.08929237
GRB7	NM_005310	106.5096539	10.11856034	1.02E-07	10.5261668
BSCL2	NM_001130702	154.8159598	5.863835833	1.38E-14	26.40182368
GCH1	NM_000161	205.2432475	2.435938383	7.66E-22	84.25633791
LOC729683	NR_046273	49.36679679	1.234065677	3.43E-05	40.00337884
SMPD1	NM_001007593	63.1222656	2.141849476	4.27E-07	29.47091582
EIF6	NM_001267810	80.79536822	7.610007145	2.86E-06	10.6169898
SCAMP1-AS1	NR_105014	121.060491	24.45058599	2.13E-05	4.951230658
ORC5	NM_181747	198.2033481	0.121484481	7.96E-32	1631.511673
CDK5RAP1	NM_001278169	143.1222656	1.965507412	1.72E-15	72.81695542
LINC01123	NR_046110	215.3462052	51.65930352	5.80E-09	4.168585145
CRYBG3	NM_153605	206.7747767	0.457268542	3.61E-26	452.1954991
COL13A1	NM_080802	115.0810825	0.389944956	9.06E-14	295.1213514
OIP5	NM_007280	132.7541851	1.899815321	3.07E-15	69.8774158
RLIM	NM_183353	66.77477667	1.443999781	7.87E-07	46.24292715
ASH2L	NM_001105214	47.57014489	1.868919903	0.000106183	25.45328177
SCFD1	NM_182835	166.7747767	0.737818489	1.10E-19	226.0376762
ZNF774	NM_001004309	115.8764507	2.710667715	1.95E-13	42.74830518
C14orf159	NM_001102368	78.73359358	2.824600386	1.49E-07	27.8742416
RTCA	NM_001130841	87.30502215	2.185296688	2.14E-09	39.95110715
SNX21	NM_152897	124.713002	5.385900108	2.92E-12	23.1554614
ST7L	NM_138728	61.06049096	1.189014777	8.57E-07	51.35385374
CCDC63	NM_001286243	87.03989941	1.506266411	1.13E-08	57.78519576
HIPK1-AS1	NR_110726	89.89704227	0.442174811	4.24E-13	203.3065659
ZNF341	NM_001282933	26.77477667	0.766521234	0.004097075	34.93024783
GK5	NR_033289	209.6319195	0.556013502	1.95E-26	377.0266707
MIS12	NM_001258218	69.36679679	10.68578474	0.000177951	6.491502351
RASGRP1	NM_005739	32.22393965	0.908449059	0.001059661	35.47137766
PANK2	NM_153640	49.89704227	1.714328277	9.87E-05	29.10588535
DDX52	NM_001291476	120.7953682	3.384252796	2.34E-11	35.69336438
CHCHD4	NM_001098502	103.1222656	1.305493695	3.00E-13	78.99101004
CCDC120	NM_001163323	86.24453119	3.921480424	2.07E-08	21.99285011
PTPRG	NM_002841	112.4890624	1.017943616	9.50E-12	110.5061819
MFF	NM_001277064	78.2033481	0.95509281	1.34E-08	81.88036522
VAV2	NM_001134398	123.6525111	0.520573426	6.09E-14	237.5313546
BAHCC1	NM_001291324	35.08108251	1.360335282	0.003718699	25.78855593
ARL17A	NM_001288811	38.46847084	2.682789666	0.002122683	14.3389813
ZMAT1	NM_001011657	105.7142857	1.00639717	1.11E-11	105.0423122
ESR2	NM_001291712	126.2445312	0.727051717	8.93E-15	173.6389973
GM2A	NM_001167607	57.93822536	3.262912963	6.38E-05	17.75659542
ASNSD1	NM_019048	123.3873883	0.845656827	9.96E-17	145.9071628
C14orf166	NM_016039	72.22393965	2.650072644	1.22E-07	27.25356975
SETMAR	NR_075073	47.03989941	4.677419025	0.001074381	10.05680679
SPA17	NM_017425	60.79536822	1.521981583	2.13E-06	39.94487772

SDC1	NM_002997	108.8365513	6.288754004	4.91E-09	17.30653659
RREB1	NM_001003700	49.36679679	2.049542663	0.000196677	24.08673783
TM9SF2	NM_004800	67.57014489	0.448184681	9.70E-09	150.7640662
GCDH	NM_013976	61.85585918	1.299317979	8.71E-08	47.60640597
SEC1P	NR_004401	88.83655131	3.564907183	1.13E-08	24.91973753
DEK	NM_003472	123.9176338	1.796928002	2.77E-13	68.96082297
TRPM7	NM_001301212	151.6936942	1.036710429	9.36E-16	146.3221455
NXNL2	NM_145283	72.75418513	0.278851179	2.62E-10	260.9068583
PMS2P4	NR_046299	143.9176338	0.932246764	2.69E-18	154.3771878
SMARCC2	NM_139067	74.55083703	5.783315924	2.67E-06	12.89067345
ANAPC1	NM_022662	123.6525111	0.950765978	5.00E-14	130.055675
PDIK1L	NM_001243533	82.12098192	3.096476533	4.61E-08	26.52078291
MTMR12	NM_001294344	135.8764507	0.402017823	5.45E-18	337.9861361
EXOSC5	NM_020158	43.91763382	5.332356663	0.001937223	8.236064576
ARRB2	NM_001257331	69.10167405	2.8773985	1.33E-06	24.01532984
ISCA1	NM_030940	130.162165	5.245169035	5.85E-12	24.81562827
OASL	NM_003733	54.81595977	2.248824848	1.62E-05	24.3753798
FLAD1	NM_025207	63.91763382	9.280313228	0.000386813	6.887443586
TINAGL1	NM_022164	100.2651227	4.421367097	3.74E-09	22.67740284
LOC642846	NR_024374	75.34620525	2.489252533	1.69E-07	30.26860643
ICA1	NM_001276478	97.93822536	0.382183976	1.08E-11	256.2593712
TMEM263	NM_152261	117.2020644	5.622597771	2.82E-10	20.84482462
MPP3	NM_001932	120.5302455	1.859205612	3.30E-13	64.82889504
PSD	NM_001270965	51.48777871	9.86538948	0.004932914	5.219031526
SEPT7P2	NR_024271	100.5302455	1.630288768	1.61E-10	61.66407293
TRIM23	NM_033228	87.57014489	0.175202839	4.70E-14	499.8214945
HELLS	NM_001289074	106.5096539	2.31153444	1.18E-10	46.07746788
TBC1D13	NM_018201	126.5096539	1.648699786	9.11E-15	76.73298378
DBR1	NM_016216	163.3873883	2.248198183	2.79E-19	72.67481558
NOP14	NM_001291979	77.93822536	5.666169386	1.26E-06	13.75501155
FAM160A1	NM_001109977	60.79536822	0.063188782	4.14E-08	962.1228058
CETN3	NM_001297765	154.550837	3.29307801	1.05E-16	46.93203033
SZRD1	NR_073500	45.97940845	2.291602099	0.000230714	20.06430718
NMNAT1	NM_022787	142.3861047	2.036788497	1.89E-15	69.90716262
POLL	NM_013274	124.9781248	6.748631248	4.37E-11	18.519033
STRADA	NM_001165969	181.8558592	3.241487812	2.52E-18	56.10258922
RASSF5	NM_182663	67.03989941	0.438302862	4.02E-08	152.953369
METTL2B	NM_018396	90.16216501	2.861802039	1.71E-09	31.5053815
VAMP2	NM_014232	67.83526763	6.668404887	1.89E-05	10.1726378
TRAPPC1	NM_021210	115.611328	7.13121275	4.00E-09	16.21201499
KIF1B	NM_015074	54.81595977	0.67203508	3.73E-06	81.56711068
ZNF207	NM_003457	161.3256137	4.16946547	1.88E-16	38.69215727
MAP3K4	NM_001291958	109.3667968	0.314078665	9.85E-14	348.2146637
MYZAP	NM_152451	83.1222656	0.621697019	6.96E-10	133.7022104
NDUFC1	NM_002494	102.3861047	7.428161355	3.56E-08	13.78350574
C2orf68	NM_001013649	129.6319195	11.12265781	9.28E-10	11.65476109
CTNND1	NM_001085462	72.48906239	2.922433015	7.80E-07	24.80435378
CHEK2	NM_145862	109.3667968	1.040214056	7.00E-12	105.1387416
ALKBH5	NM_017758	58.46847084	2.891480187	1.39E-05	20.22094812
GEMIN2	NM_001009183	110.6924105	0.475299566	2.43E-15	232.889778
IMMP2L	NM_001244606	200.7953682	0.070619193	5.90E-25	2843.354047
FHL2	NM_001450	77.67310262	2.554036604	1.13E-07	30.41189876
HERC6	NM_017912	52.75418513	0.901015025	4.69E-06	58.54972854
ILK	NM_004517	149.6319195	12.0494045	4.45E-11	12.41820038
AREG	NM_001657	298.2033481	24.15721398	3.68E-21	12.3442773
RCAN1	NM_004414	29.10167405	0.412370451	0.001848375	70.57167644
TECR	NM_138501	184.713002	3.341016692	9.66E-19	55.28646488
DCLRE1C	NM_001033855	130.4272878	1.501921891	2.76E-14	86.84026017
CD99L2	NM_001242614	86.50965393	0.399537982	2.50E-10	216.5242301
ZNF133	NM_001282997	58.2033481	0.432965631	5.52E-08	134.4294879
MBD4	NM_003925	64.71300204	3.318463093	2.79E-06	19.50089551
KIAA0141	NM_001142603	187.5701449	2.295799333	4.85E-22	81.70145456
MAP2K7	NM_001297556	75.08108251	6.350387837	5.59E-06	11.82307041
DCAF6	NM_001017977	63.38738834	1.374687753	6.43E-06	46.11038992

DYNC1LI2	NM_006141	120.2651227	4.000018624	2.79E-11	30.0661407
TRIP6	NM_003302	44.4478793	6.715471214	0.002793869	6.618728289
ARNT	NM_001286036	49.63191953	0.318352571	2.96E-06	155.9023675
CYB5A	NM_001190807	52.75418513	1.117851349	3.58E-05	47.1924869
GDA	NM_001242506	109.6319195	1.793442128	9.96E-11	61.12933216
ATXN7L3B	NM_001136262	171.4285714	9.083619745	1.43E-14	18.87227518
PAK2	NM_002577	83.65251108	0.683601454	8.24E-10	122.3702943
TMEM138	NM_016464	112.2239396	6.461670678	8.84E-10	17.36763528
NKIRAS2	NM_001144928	121.060491	4.47680776	4.98E-12	27.04169968
NRF1	NM_005011	63.38738834	1.442043032	6.70E-06	43.9566552
ZNF160	NM_198893	112.2239396	0.12966024	2.60E-18	865.5231516
DUOX1	NM_017434	127.5701449	4.894418544	6.82E-12	26.06441271
CEBPZ	NM_005760	119.2638391	2.557509287	7.32E-13	46.63280781
CAPRIN2	NR_038177	61.06049096	0.802687396	2.20E-07	76.07007564
CYTH1	NM_017456	57.93822536	0.706967769	1.30E-06	81.95313555
GTF2H3	NM_001271868	109.3667968	3.987399102	4.36E-10	27.42810389
U2AF1	NM_006758	101.060491	3.664748037	6.54E-10	27.57638177
ITPKA	NM_002220	68.83655131	4.064166098	1.95E-06	16.93743554
LEPRE1	NM_022356	135.611328	4.031256957	2.15E-13	33.63996129
RBM6	NM_005777	141.3256137	2.052508031	9.04E-14	68.85508438
THAP5	NM_001130475	135.611328	4.122939064	1.74E-13	32.89190694
TINCR	NR_027064	43.65251108	0.313951323	7.62E-06	139.0422905
ZBTB6	NM_006626	89.89704227	2.944418332	2.57E-09	30.53134172
GEN1	NM_001130009	58.46847084	1.116089137	5.78E-06	52.38691867
B4GALT5	NM_004776	40.26512274	3.660148768	0.001331066	11.0009525
PEX14	NM_004565	55.08108251	0.493066734	2.80E-06	111.7112122
HNRNPUL2	NM_001079559	138.9987163	5.117692534	2.74E-13	27.16042736
HTRA2	NM_013247	131.222656	14.70777667	1.28E-08	8.921991334
IFT43	NR_045664	58.99871632	0.463935616	3.14E-07	127.1700519
TMTC4	NM_001079669	74.81595977	1.301592918	2.20E-07	57.48030644
NF2	NM_181831	104.713002	2.058900149	1.73E-10	50.85870826
LYSMD3	NM_001286812	120.7953682	3.819989777	2.26E-12	31.62190877
DDIT3	NM_001195055	181.060491	20.84311048	1.20E-11	8.68682681
LIFR	NM_001127671	137.1428571	0.347562944	1.80E-18	394.5842319
FAM178A	NM_018121	172.7541851	1.696295549	7.49E-19	101.8420317
TIMELESS	NM_003920	157.2020644	2.404339529	2.42E-17	65.3826394
POMP	NM_015932	143.9176338	3.540571664	1.11E-14	40.64813467
MAP3K6	NM_001297609	118.4684708	13.78053428	7.50E-08	8.596798095
RPL7A	NM_000972	161.3256137	17.1409496	7.34E-11	9.411708073
DRG2	NM_001388	116.4066962	3.67220305	1.56E-11	31.69941711
AKAP17A	NM_005088	68.57142857	2.366743171	8.48E-07	28.97290648
ZNF485	NM_145312	41.06049096	0.58566355	8.62E-05	70.10935021
ZNF460	NM_006635	68.83655131	0.214324583	3.10E-10	321.1789817
ARF1	NM_001024226	78.99871632	6.821172362	2.70E-06	11.58139864
FBXL18	NM_024963	59.79408454	0.862710711	1.80E-07	69.3095423
SETD1A	NM_014712	60.79536822	3.131453281	7.56E-06	19.41442607
PLGRKT	NM_018465	167.0398994	1.20480248	5.37E-18	138.6450494
TADA2A	NM_001291918	60.26512274	2.456666768	1.09E-05	24.53125654
ARL2	NM_001667	83.65251108	9.461779751	3.68E-06	8.841096842
SH3BGRL	NM_003022	29.10167405	0.05584293	0.000325278	521.1344396
MYLK	NM_053026	49.10167405	0.523683386	1.76E-05	93.76213833
KAT8	NM_032188	120.7953682	5.663354077	6.35E-11	21.32929825
PECR	NM_018441	152.7541851	1.311705751	2.55E-17	116.4546127
PPA2	NM_176867	172.7541851	1.397876483	6.51E-18	123.5832974
NT5C2	NM_012229	108.8365513	1.601972001	8.73E-11	67.93910956
ADARB1	NR_073200	25.71428571	0.024513445	0.000726545	1048.987009
SARAF	NM_001284239	103.3873883	2.030243688	1.22E-11	50.92363489
NEDD4	NM_006154	78.73359358	0.392395222	1.98E-09	200.6487063
TMEM106C	NM_001143843	138.7335936	5.918085074	1.96E-13	23.44231147
DNAJB14	NM_001278310	80.79536822	1.193601574	2.55E-08	67.6904002
NFS1	NR_037570	118.9987163	0.837021028	7.48E-15	142.169327
CXorf38	NM_144970	69.10167405	1.508498615	1.74E-07	45.80824493
TSPAN4	NM_001025239	48.83655131	8.29540987	0.003106083	5.887177617
RCN2	NM_002902	75.34620525	3.456181288	9.88E-07	21.80042045

AMMECR1L	NM_001199140	60.79536822	2.712386661	5.85E-06	22.41397552
RBL1	NM_002895	130.162165	0.739145297	1.19E-15	176.0982118
CDPF1	NM_207327	167.3050222	4.462947617	1.35E-17	37.48756125
MTUS1	NM_001001925	51.95881691	1.643761263	0.000100086	31.60971004
CLK2	NM_003993	68.83655131	5.193072902	1.73E-05	13.25545638
C1orf216	NM_152374	103.6525111	14.6980038	1.77E-06	7.052148883
HLCS	NM_001242785	33.28443061	0.629999423	0.000626331	52.8324779
SERGEF	NR_104040	89.36679679	0.708374474	7.57E-10	126.1575623
KDM2A	NM_012308	95.08108251	2.147256295	5.08E-09	44.2802672
ZNF592	NM_014630	62.85714286	0.252370298	1.33E-08	249.0671179
ALDH3A2	NM_000382	129.8970423	1.182592297	2.14E-15	109.8409339
AARS	NM_001605	155.3462052	4.206987636	8.93E-15	36.9257575
SAMM50	NM_015380	47.03989941	1.164263858	0.000176498	40.40312606
VDAC1	NM_003374	151.9588169	5.503211357	2.74E-14	27.61275318
GCAT	NM_014291	137.9382254	7.219229726	2.26E-12	19.10705582
FLYWCH2	NM_001142499	92.48906239	4.254372576	1.29E-08	21.73976556
GLIPR1L2	NM_152436	58.99871632	0.288168074	9.48E-09	204.7371714
STX16	NR_037942	138.7335936	3.013686501	4.99E-14	46.03451406
CKLF	NM_001040138	58.2033481	3.89372714	5.92E-05	14.94797812
EAF1	NM_033083	101.8558592	0.123085397	9.71E-17	827.5218784
ZNF397	NM_032347	164.1827566	4.324410276	5.03E-16	37.96650782
ZSCAN32	NM_001284529	112.7541851	2.35119694	1.46E-11	47.95607854
DDX21	NM_001256910	50.16216501	2.822977364	6.10E-05	17.76924096
RRBP1	NM_001042576	152.2239396	2.206269658	1.35E-15	68.99607176
ULK1	NM_003565	51.42857143	2.275795323	5.18E-05	22.59806535
CDIP1	NM_001199056	45.71428571	0.68262754	6.21E-06	66.96812397
STRAP	NM_007178	90.16216501	2.334547097	6.53E-10	38.6208379
YBX1	NM_004559	46.24453119	3.665578464	0.001144113	12.61588905
TTC9	NM_015351	42.85714286	2.335364009	0.000486081	18.35137593
B9D2	NM_030578	104.713002	4.298907332	4.62E-10	24.35805053
NUP50-AS1	NR_038956	168.8365513	1.48703552	2.86E-20	113.5390171
CCDC71L	NM_175884	83.91763382	12.10218391	2.58E-05	6.934090113
UBE2B	NM_003337	83.91763382	5.14324106	2.35E-07	16.31609968
HMGB2	NM_002129	98.99871632	12.27217294	1.93E-06	8.066926439
CXADR	NM_001207065	113.0193079	1.687657103	6.67E-12	66.96817006
LMCD1-AS1	NR_033378	62.12098192	0.400933231	4.03E-07	154.9409657
PEX5	NM_001131024	80.53024548	2.128897068	1.48E-08	37.82721425
CCPG1	NM_001204451	35.61132799	0.930877556	0.000432663	38.25565215
PGAP1	NM_024989	175.0810825	0.058553122	2.17E-29	2990.123802
GPATCH4	NM_015590	86.77477667	12.58589872	3.01E-05	6.894603125
PPP2R5C	NM_178587	78.46847084	0.573185928	3.71E-09	136.898809
EML4	NM_001145076	117.4079799	0.420825452	5.96E-14	278.9944838
NME1-NME2	NR_037149	262.1209819	25.03310625	5.14E-18	10.47097309
MCMBP	NM_024834	136.1415735	2.175026291	1.33E-14	62.59307026
PSMB6	NM_002798	104.1827566	8.852370576	1.28E-07	11.76891045
LOC652276	NR_015441	198.4684708	1.737823616	4.87E-24	114.2051869
DBF4B	NR_036623	61.59073644	1.483835015	2.65E-06	41.50780633
RBPMS	NM_001008711	58.73359358	0.676149697	9.25E-07	86.86477839
ABCB10	NM_012089	95.08108251	0.25308075	5.99E-14	375.6946448
ATP1A1-AS1	NR_024125	80.79536822	8.023258603	2.65E-06	10.07014384
INO80	NM_017553	57.67310262	1.155257112	2.17E-06	49.92230908
ITPRIPL1	NM_001163523	121.060491	3.969328184	4.19E-12	30.49898757
LEPR	NM_001003679	97.93822536	0.524875809	4.99E-11	186.5931399
ATP6V1E1	NM_001696	32.48906239	1.053005065	0.000822358	30.85366203
ZBTB21	NM_001098403	117.6731026	4.478280525	4.00E-11	26.27640273
DGCR5	NR_110533	117.4079799	0.317353291	2.04E-16	369.9598629
SUPT4H1	NR_073470	105.2432475	2.884271316	3.00E-11	36.48867807
HDAC10	NM_001159286	124.4478793	16.49389807	6.19E-08	7.545085991
NKX3-1	NM_006167	172.7541851	5.646165343	5.52E-17	30.59672798
FAM86C1	NM_018172	117.6731026	3.145201912	2.28E-12	37.41352889
PPME1	NM_016147	54.81595977	1.387155496	3.82E-05	39.51680971
MAPK14	NM_001315	83.91763382	0.746873447	7.98E-10	112.3585718
TYW3	NM_138467	74.55083703	1.151728097	5.04E-08	64.72954616
ALS2	NM_001135745	53.28443061	0.545068988	1.50E-07	97.75722306

PRCP	NM_199418	127.8352676	0.434630987	7.68E-17	294.1236856
EFCAB11	NM_001284268	67.30502215	0.526205697	2.24E-09	127.906297
EP400	NM_015409	89.63191953	0.776045636	4.07E-10	115.4982585
LRIF1	NM_018372	115.3462052	0.976241927	5.59E-15	118.1533
WDR91	NM_014149	120.2651227	1.488659846	7.40E-14	80.78751038
SRSF3	NM_003017	205.9794085	9.120915237	4.56E-18	22.58319512
SNRPD3	NM_004175	139.2638391	3.685953731	2.47E-14	37.78230798
CYB561D2	NR_111912	108.6306359	6.490029182	2.97E-09	16.73808126
ALOX5	NM_001256154	51.95881691	0.811105508	4.69E-06	64.05925791
CLINT1	NM_014666	95.08108251	0.931182138	3.84E-11	102.1079321
ARL5A	NM_001037174	158.7335936	1.648945548	4.90E-19	96.2636964
HMMR	NM_012485	71.69369417	0.802351892	4.47E-08	89.35442775
SLC9A7	NM_001257291	88.83655131	0.697001063	4.71E-10	127.4554028
KIF3B	NM_004798	62.12098192	1.055481893	2.09E-07	58.85556382
RBM14	NM_001198836	187.3050222	6.688038011	7.85E-18	28.00597452
2-Mar	NM_001005416	72.22393965	3.380684641	3.01E-06	21.36370212
PIGP	NM_153681	103.6525111	2.782837787	7.49E-11	37.24705462
COA6	NM_001206641	110.4272878	6.783703987	2.88E-09	16.27831756
SHC1	NM_183001	120.7953682	9.728714676	2.27E-09	12.41637485
FAM91A1	NM_144963	67.83526763	1.702760924	7.99E-07	39.83839814
SMIM12	NM_138428	127.0398994	6.556875636	4.13E-11	19.37506619
EIF2AK2	NM_002759	94.28571429	2.418709379	2.03E-09	38.98182854
AFTPH	NM_017657	110.162165	0.202364885	3.34E-16	544.3739164
RMND5A	NM_022780	103.6525111	1.002314751	3.96E-11	103.4131355
ADM2	NM_024866	57.67310262	8.794847994	0.00068545	6.557600843
SNRPB2	NM_003092	121.060491	1.052696605	2.27E-15	115.0003623
DCTPP1	NM_024096	61.3256137	8.398737432	0.000457394	7.301765794
RHOC	NM_175744	99.5289618	23.24086371	0.000149624	4.282498407
KIF14	NM_014875	64.18275656	0.361397017	4.56E-08	177.5962542
RNF185	NR_024212	61.3256137	2.277278549	8.98E-06	26.92934236
CHPF2	NM_019015	86.24453119	7.283901039	7.24E-07	11.84043149
DHRS4-AS1	NR_023923	153.0193079	3.438347281	9.56E-17	44.50373839
PTAR1	NM_001099666	129.3667968	0.352919221	2.68E-18	366.5620606
RTN4	NM_020532	117.9382254	1.900732088	8.22E-12	62.04884219
ZNF251	NM_138367	142.1209819	0.999128713	2.16E-17	142.244918
KIAA0556	NM_015202	93.01930787	0.938079383	2.50E-10	99.15931374
ARHGEF1	NM_004706	67.30502215	6.346861456	4.50E-05	10.60445743
C17orf53	NM_001171251	53.54955335	3.940232511	0.000169555	13.59045518
SERINC2	NM_178865	86.50965393	3.437525584	6.61E-08	25.16625748
PIH1D2	NM_001082619	130.6924105	4.796675636	4.71E-13	27.24645576
MAPRE1	NM_012325	94.55083703	4.134806629	1.78E-08	22.86705172
NRSN2-AS1	NR_109990	120.5302455	13.7556385	3.11E-08	8.762242876
LOC202181	NR_026921	69.10167405	0.869146917	2.74E-08	79.50517076
ECD	NM_001135753	118.4684708	1.010837643	7.96E-14	117.1983173
REXO4	NM_001279350	169.6319195	3.336115124	2.32E-18	50.84714203
RAC1	NM_006908	34.55083703	2.389433932	0.003555657	14.45984196
SIAE	NM_170601	92.48906239	2.52286766	2.75E-09	36.66029093
HAUS6	NM_001270890	78.99871632	1.352035445	3.11E-08	58.42947138
ARHGEF26	NM_001251963	203.6525111	1.362272861	4.64E-21	149.4946548
KIF24	NM_194313	58.46847084	0.565549037	6.71E-07	103.3835566
MPPE1	NR_040243	90.16216501	2.871587685	1.62E-09	31.39801911
SART1	NM_005146	47.30502215	1.774300972	5.57E-05	26.66121639
PAFAH1B2	NR_110269	97.93822536	4.652774627	1.19E-08	21.04942388
ZNF789	NM_213603	93.01930787	4.865567591	6.48E-09	19.11787394
ETF1	NM_004730	74.34492157	3.080571813	2.79E-07	24.13348108
FLVCR1	NM_014053	109.6319195	1.078817649	3.10E-12	101.6222896
ODF2L	NM_020729	98.73359358	0.735321229	1.65E-11	134.2727364
HOMEZ	NM_020834	110.162165	6.921276015	7.73E-10	15.91645309
AIFM1	NM_145812	43.38738834	1.462363933	0.000391331	29.66935068
PSMG3	NM_001134340	223.6525111	18.71417086	1.46E-15	11.95097088
GPATCH8	NM_001002909	127.3050222	0.842217153	5.85E-15	151.15463
POP1	NM_001145860	191.9588169	3.100165542	3.11E-19	61.91889249
SLC11A2	NM_001174129	73.54955335	0.544444802	8.16E-10	135.0909277
CCAR1	NR_104262	73.28443061	1.358294203	2.32E-07	53.95328233

PAAF1	NM_001267806	114.8159598	0.565788294	4.46E-15	202.9309565
CHST15	NM_001270764	109.1016741	4.614625883	2.02E-09	23.6425827
STOML1	NM_001256672	55.61132799	5.388266967	0.000463572	10.32081898
MED12	NM_005120	46.50965393	0.322482399	1.33E-06	144.2238524
SLC25A3	NM_002635	129.3667968	6.391210234	1.12E-11	20.24136151
KIF18B	NM_001264573	109.8970423	2.675082475	9.57E-11	41.08173983
SDCBP2-AS1	NR_040049	99.5289618	5.840976322	1.19E-08	17.03978176
ST3GAL6	NM_001271145	107.5701449	2.992482858	1.03E-10	35.94678733
EIF4E	NM_001130678	123.3873883	1.048720078	9.07E-14	117.6552169
SLC25A17	NR_104237	81.59073644	1.014177879	7.95E-09	80.45012432
PPP1CA	NM_001008709	134.550837	20.73308915	1.28E-07	6.489666642
FAM92A1	NM_001283034	135.611328	5.982443086	1.30E-11	22.66821866
ZNF124	NM_001297569	117.9382254	2.50467607	2.28E-12	47.0872169
GJC1	NM_005497	69.63191953	1.942413116	5.72E-07	35.84815143
ZSWIM7	NM_001042698	141.3256137	3.687891014	4.99E-14	38.32152663
DNMT3B	NM_006892	137.4079799	2.010471942	1.33E-14	68.34613159
MKL2	NM_014048	106.7747767	0.32670728	1.27E-12	326.820929
FAM156A	NM_001242492	57.40797988	0.933749649	7.14E-07	61.48112609
UBE2D3	NM_181890	86.30373848	4.104909642	2.98E-07	21.02451601
ERICH5	NM_001170806	123.9176338	2.044241507	1.36E-13	60.61790322
TRPM6	NM_001177310	43.65251108	0.2337469	3.50E-05	186.751187
LOC441242	NR_103527	121.060491	1.52873802	2.24E-13	79.1898215
PANX1	NM_015368	116.4066962	2.3319622	5.64E-12	49.91791727
EMC1	NM_001271428	80.79536822	2.533205463	4.93E-08	31.89451838
RBM7	NM_001286045	92.75418513	1.510467846	1.30E-10	61.40758663
P4HA2	NM_001017974	147.0398994	0.990292135	1.01E-17	148.4813361
DNM1L	NM_012062	90.42728775	0.774490297	4.23E-11	116.7571603
CD164	NM_001142403	121.3256137	5.428752086	8.76E-11	22.34871141
LINC00959	NR_034125	125.9794085	1.668094559	1.62E-13	75.52294188
PRKRA	NM_001139517	75.61132799	1.573301945	2.94E-08	48.05900623
TRAF5	NM_004619	31.95881691	1.038357327	0.000938296	30.77824567
MESDC2	NM_015154	149.6319195	3.365365793	2.75E-16	44.46230477
HNRNPH1	NM_001257293	224.713002	11.96543347	4.69E-19	18.78018064
IMP4	NM_033416	77.20206442	5.088188534	7.47E-07	15.1727995
C12orf45	NM_152318	129.3667968	3.474254396	9.83E-14	37.2358446
INTS1	NM_001080453	75.34620525	1.906431307	1.34E-07	39.52211914
MIER1	NM_001146110	78.2033481	3.303977045	2.31E-07	23.66945867
MCFD2	NM_001171507	96.14157347	6.382234363	3.25E-08	15.06393655
UBR4	NM_020765	158.2033481	1.351972019	5.36E-16	117.0167325
G2E3	NM_017769	93.01930787	1.292296134	8.77E-10	71.97987012
ZNF596	NM_001287256	97.93822536	4.237131776	2.38E-09	23.11427412
SLC44A3	NM_001301079	61.59073644	1.795846388	5.28E-06	34.29621646
RAD51	NM_002875	86.50965393	1.59608466	5.12E-09	54.20116871
ZNF227	NM_001289167	67.03989941	0.162488082	1.14E-10	412.5834863
POLR3E	NM_001258035	100.7953682	2.38793836	2.52E-10	42.21020522
OSGEPL1-AS1	NR_102429	124.1827566	16.53822784	1.18E-07	7.508830918
EPAS1	NM_001430	115.0810825	1.763106159	1.88E-11	65.27178293
TYW1	NM_018264	140	0.718173021	1.69E-15	194.9390967
MFSD5	NM_032889	137.9382254	18.25375681	6.74E-08	7.556703356
ANAPC16	NM_001242547	244.713002	3.360694886	6.10E-27	72.8161914
PLEKHB2	NR_049789	78.46847084	3.946715682	1.49E-06	19.88196697
INPP5K	NM_130766	69.89704227	2.510581409	4.92E-07	27.8409782
TECPR2	NM_014844	109.3667968	0.776022583	2.19E-12	140.9324925
TATDN3	NM_001146171	172.2239396	2.449983558	1.42E-18	70.29595733
FAM185A	NR_026879	55.34620525	0.109585357	4.19E-08	505.0510995
MSH6	NM_000179	91.69369417	4.738149722	3.08E-08	19.35221543
S100PBP	NM_001256121	35.61132799	3.233955087	0.004177181	11.01169529
UNC119	NM_005148	115.0810825	7.800383636	1.71E-09	14.75325931
SNHG4	NR_036536	118.2033481	24.19282157	1.01E-05	4.885885168
CCM2	NM_031443	37.14285714	0.992899762	0.000248575	37.40846617
VAT1	NM_006373	57.7323099	8.978531283	0.001080058	6.4300394
TMBIM4	NM_001282606	153.8146761	4.666244254	8.60E-15	32.96327147
CREM	NM_181571	44.4478793	0.722585544	2.33E-05	61.51227307
DERA	NM_001300779	149.6319195	0.097855796	1.41E-22	1529.106351

BTBD8	NM_183242	135.611328	0.436752052	5.72E-18	310.4995787
ZNF77	NM_021217	104.713002	1.552842556	2.28E-12	67.43310947
CSNK1G3	NM_001270574	66.77477667	0.599445337	1.01E-07	111.3942716
LIFR-AS1	NR_103553	93.01930787	1.12002433	4.48E-10	83.05114934
GRAMD2	NM_001012642	94.81595977	1.363149909	3.21E-10	69.55651694
RAD52	NM_001297422	159.2638391	2.204057579	7.28E-18	72.25938223
CD44	NM_001001391	63.91763382	5.708854664	5.23E-05	11.19622719
VPS11	NM_021729	80.26512274	1.934625953	3.87E-09	41.4887036
CBLL1	NM_024814	63.91763382	4.741635868	2.33E-05	13.48008063
TBCA	NM_001297738	111.6936942	1.629701213	3.06E-11	68.5363018
GLMN	NM_053274	235.611328	1.075533663	1.55E-28	219.064578
TAB1	NM_153497	95.87645073	0.075772029	1.32E-16	1265.327752
IQUB	NM_001282855	89.63191953	0.180459011	1.69E-12	496.6885225
POLD1	NR_046402	75.08108251	1.130289317	5.04E-08	66.42642848
BTD	NM_001281723	47.83526763	1.665451852	0.000117106	28.72209579
UBAP1	NM_001171202	103.1222656	0.144430518	2.49E-15	713.9922137
NCOA4	NM_001145261	62.85714286	4.811992143	3.09E-05	13.06260297
TRIAP1	NM_016399	76.14157347	6.494362941	7.22E-06	11.72425597
ABCB9	NM_001243013	84.71300204	2.268243062	9.94E-09	37.34740931
BMS1P5	NR_003611	121.060491	2.787325667	6.30E-12	43.43248885
AIG1	NM_001286589	51.42857143	0.359631232	3.78E-06	143.0036296
FAN1	NM_001146095	120.5302455	2.11976204	9.55E-14	56.86027167
RNF207	NM_207396	97.93822536	6.59057391	3.85E-08	14.86034854
EPOR	NR_033663	111.9588169	24.20138684	2.19E-05	4.626132281
TIGD6	NM_030953	78.2033481	13.84390825	0.000214807	5.648935741
GTF3C6	NM_138408	70.42728775	2.609401282	3.31E-07	26.98982645
BTG2	NM_006763	221.5907364	15.67352451	4.50E-17	14.13790091
DES12	NR_123735	184.4478793	0.484960351	2.39E-24	380.3359982
RAD1	NR_026591	75.61132799	1.175961615	2.12E-09	64.29744564
MBOAT1	NM_001080480	58.46847084	0.836546328	1.56E-06	69.89268721
MEF2A	NM_005587	103.3873883	1.2874662	4.31E-10	80.30299232
AGTPBP1	NM_001286717	100.5302455	0.208068421	1.68E-12	483.159553
PSMB5	NM_001144932	42.91635014	5.240733275	0.001730153	8.188997204
PSMC4	NM_153001	64.4478793	5.360271983	3.63E-05	12.02324798
PEA15	NM_001297577	146.7747767	7.712275349	4.38E-13	19.03131956
RPL5	NM_000969	161.5907364	8.414643818	4.01E-14	19.20351472
PPP6R2	NM_014678	126.7747767	2.070461747	1.81E-12	61.23019507
ALDH5A1	NM_170740	87.03989941	1.107041461	2.90E-09	78.62388399
ZNF211	NM_001265599	58.73359358	0.75955621	7.40E-08	77.32619757
PPA1	NM_021129	155.8764507	2.322948965	1.36E-17	67.10283052
TTC4	NM_001291333	171.6936942	0.849089191	1.03E-22	202.2092567
IL6R	NM_001206866	33.28443061	1.45896303	0.003075973	22.81375876
ARAP3	NM_022481	41.3256137	2.367503366	0.000908741	17.45535583
YTHDC1	NM_133370	123.3873883	3.770391878	2.08E-11	32.72534854
UCK1	NM_001261450	50.42728775	5.853411279	0.000802118	8.615025555
EZH2	NM_152998	46.24453119	0.369035497	1.06E-05	125.311878
ANXA7	NM_004034	141.3256137	1.582028091	1.07E-15	89.33192433
FAM49B	NM_001256763	144.713002	1.021279951	1.70E-15	141.6976822
APLP1	NM_001024807	72.22393965	5.106008149	1.73E-06	14.14489314
AMD1	NM_001287216	90.42728775	5.19572994	2.89E-08	17.40415472
GNAS	NM_001077489	68.83655131	4.467776329	6.09E-06	15.40734053
LBX2	NM_001009812	135.0810825	12.95469191	9.11E-10	10.42719375
C17orf80	NR_110105	54.07979883	1.876982913	1.03E-05	28.81208905
KIF9	NM_182902	56.14157347	0.847233269	7.35E-07	66.26459975
TCP1	NM_030752	129.3667968	6.587441875	3.59E-11	19.6383967
MAPKAP1	NM_001006620	138.4684708	0.739891017	4.74E-15	187.1471171
CTNS	NM_004937	76.40669621	7.82160731	8.33E-06	9.768669428
HBEGF	NM_001945	200.7953682	4.482285348	3.15E-21	44.79754247
SCNM1	NM_024041	66.77477667	6.216784493	4.36E-05	10.74104736
WDR31	NM_001012361	138.7335936	1.518039838	8.75E-17	91.38995572
NMRK1	NM_017881	149.3667968	0.520640719	1.19E-20	286.8903472
PRKG2	NM_001282480	49.36679679	0.185054018	1.08E-06	266.7696557
PA2G4	NM_006191	83.1222656	8.136811955	3.82E-06	10.21558149
TMEM14B	NM_030969	183.3873883	3.122256915	2.18E-21	58.73552155

STAG3L4	NR_040586	160.7953682	2.235775328	4.84E-18	71.91928733
PIK3R1	NM_181523	184.1827566	1.910848457	5.06E-19	96.38794532
ELMOD1	NM_001130037	32.48906239	0.204529051	0.000412909	158.8481552
APOBEC3F	NM_145298	61.3256137	4.709464388	3.98E-05	13.02178096
FOXJ3	NM_001198851	50.16216501	0.899871313	8.59E-06	55.74370946
AGPAT5	NM_018361	41.85585918	3.189851879	0.000637752	13.12156826
EXOSC1	NM_016046	58.99871632	1.20962826	2.87E-07	48.77425429
LHX2	NM_004789	57.93822536	0.592393268	9.01E-07	97.80365254
H3F3AP4	NR_002315	142.8571429	4.964643429	1.03E-13	28.77490497
ADIPOR2	NM_024551	65.97940845	1.023522071	1.73E-07	64.46310275
MON1A	NM_001142501	108.8365513	4.326513323	2.65E-10	25.15571852
SPECC1L	NM_001254732	194.550837	1.384468104	5.99E-20	140.5238853
FNTA	NR_033698	138.2033481	2.26821033	3.44E-15	60.93056992
CSNK1A1	NM_001892	103.3873883	2.418477616	2.57E-10	42.748954
MAOA	NM_001270458	27.03989941	0.517220351	0.004124413	52.27926424
TEX2	NM_018469	89.63191953	3.210683192	2.21E-08	27.91677477
AFG3L1P	NR_003227	175.611328	1.656006289	2.09E-21	106.0450852
ATG4D	NM_032885	135.0810825	8.279719791	9.58E-12	16.31469252
EHHADH	NM_001166415	164.4478793	0.194445199	1.94E-25	845.728669
TMEM184B	NM_012264	121.060491	3.125390923	5.01E-12	38.57345116
SMAD6	NR_027654	112.2239396	1.532951601	2.41E-11	73.20775134
DTL	NM_016448	67.30502215	0.26292572	3.13E-09	255.9849308
POLR3F	NM_001282526	58.99871632	1.643233444	1.78E-06	35.90403818
GMNN	NM_001251990	92.48906239	3.587354544	3.35E-09	25.78196865
SURF4	NM_033161	107.0398994	7.046807646	5.02E-09	15.18984266
MGST3	NM_004528	64.18275656	3.485407862	2.40E-05	18.4147047
ATP5J	NM_001003697	61.06049096	7.929735887	0.00020276	7.700192267
NOP2	NM_001258309	169.8970423	4.463908877	1.11E-17	38.06015018
NDRG1	NM_001135242	214.875167	0.409581859	5.14E-29	524.620811
CCDC93	NM_019044	190.162165	0.937411348	3.19E-21	202.8588254
TTC14	NM_133462	109.1016741	2.225433227	1.11E-12	49.02491468
UBE2H	NM_003344	102.1209819	2.391434349	6.57E-10	42.7028164
TMEM120B	NM_001080825	120.7953682	5.792731032	1.53E-10	20.85292197
TMEM150A	NM_001031738	107.0398994	16.91995928	2.29E-06	6.326250414
TMED3	NM_007364	133.0193079	5.249465884	5.81E-13	25.33958898
MARVELD3	NM_052858	134.8159598	4.721325074	1.86E-13	28.55468701
MMP28	NM_001032278	76.14157347	2.176406509	2.07E-08	34.98499621
LAMB1	NM_002291	63.65251108	2.532090505	6.58E-06	25.13832383
FKBP7	NM_181342	109.3667968	1.661360208	2.66E-13	65.82967153
MBIP	NM_016586	71.69369417	0.602528869	7.31E-09	118.9879819
CASP8	NM_001080125	41.59073644	0.564337351	1.30E-05	73.69835859
DCAF5	NM_001284206	72.22393965	1.519245654	7.40E-07	47.53934261
CHORDC1	NM_012124	95.87645073	2.782465716	2.48E-10	34.45737001
ADAM22	NM_021722	218.2033481	0.363211385	7.40E-26	600.7613114
PPP1R3B	NM_001201329	49.10167405	5.510735343	0.000645787	8.910185482
CAPZA2	NM_006136	109.3667968	1.202500741	1.26E-11	90.94946312
ASB13	NM_024701	123.6525111	1.720966518	5.54E-14	71.85061987
ASAP1	NM_018482	52.22393965	1.015084751	1.16E-05	51.44786145
EWSR1	NM_001163287	63.65251108	2.652775559	2.49E-06	23.99468393
FBXL13	NM_001111038	78.99871632	0.526826262	5.87E-09	149.9521228
MTL5	NM_001039656	66.24453119	3.306489829	6.41E-06	20.03469983
CDK5RAP2	NR_073556	71.95881691	0.735029378	5.36E-08	97.89923918
PPHLN1	NM_201438	72.48906239	0.855844946	2.01E-08	84.69882627
SERPINB8	NM_001276490	89.89704227	4.376596657	3.95E-08	20.54039916
HNRNPDL	NM_001207000	107.0398994	21.21247899	2.35E-05	5.046081576
TXNDC5	NM_030810	37.14285714	3.285532015	0.002029003	11.30497495
POT1	NR_003102	27.30502215	0.660624257	0.002224703	41.33215194
THOC5	NM_003678	118.4684708	1.510543209	1.14E-12	78.42772728
DSTN	NM_006870	93.01930787	2.414057324	1.19E-09	38.53235255
CCNT2-AS1	NR_036549	68.83655131	0.854596128	2.53E-08	80.54863471
ANKS3	NR_040252	81.59073644	2.527834003	2.55E-08	32.27693604
BRF2	NM_018310	122.6512274	7.745109745	1.62E-10	15.83595732
SEPW1	NM_003009	130.6924105	12.92539122	2.20E-09	10.11129244
MROH8	NM_152503	91.69369417	0.52440602	2.29E-11	174.8524818

TAZ	NM_000116	55.61132799	2.856347441	5.83E-05	19.46938499
SYPL1	NM_182715	67.03989941	0.418139119	1.85E-08	160.3291736
WSB1	NM_134265	240.7953682	4.71452428	5.32E-25	51.07522073
ILDRI	NM_175924	145.7142857	1.447572827	7.35E-17	100.6611087
ARHGFE16	NM_014448	43.1222656	0.228473057	2.20E-06	188.7411412
YTHDF3	NM_001277817	47.57014489	1.763413078	0.000119954	26.9761779
TRIM52-AS1	NR_102762	92.48906239	7.940031068	6.12E-07	11.64845094
RAB3IP	NM_175624	92.22393965	0.713122694	6.42E-11	129.3240847
BICD2	NM_015250	53.54955335	1.03826419	2.03E-06	51.57603805
ABLIM3	NM_001301027	32.75418513	0.970269022	0.001212451	33.75783869
TNFRSF10B	NR_027140	124.713002	2.96250455	8.81E-13	42.09715122
SEC61A2	NM_001142627	69.89704227	1.714070724	6.77E-07	40.77838871
RGL3	NM_001161616	86.24453119	6.686737432	1.09E-06	12.89784922
KAT7	NM_001199157	119.5289618	3.132425481	2.85E-12	38.15859708
DCP2	NM_001242377	157.9382254	1.622739671	1.67E-17	97.32813472
ARMC7	NM_024585	118.2033481	13.57128273	3.61E-08	8.709813985
SLC39A6	NM_001099406	129.8970423	2.072312598	4.16E-14	62.682166
GATC	NM_176818	113.0193079	6.835200439	7.71E-10	16.534893
ASAH1	NM_004315	83.91763382	7.249256545	2.40E-06	11.57603311
MYO19	NM_001163735	121.5907364	6.327067174	3.51E-10	19.21755105
TMBIM6	NM_001098576	64.18275656	0.056128365	2.31E-11	1143.499481
FOXRED1	NR_037647	52.75418513	3.033574873	0.000119534	17.39010486
USP15	NM_001252079	92.75418513	0.623215343	3.40E-11	148.8316777
PTPRF	NM_130440	71.69369417	2.24541707	8.94E-07	31.9288987
VPS72	NM_001271087	106.7747767	4.664396103	1.67E-09	22.89144711
ZNF271	NR_024566	104.1827566	1.350906849	2.82E-12	77.12060724
NFIL3	NM_001290000	63.91763382	4.730718911	2.02E-05	13.51118826
GFOD2	NM_030819	95.34620525	0.524639158	1.26E-12	181.7367305
ZNF526	NM_133444	121.060491	9.245883357	1.62E-09	13.09344779
CST3	NM_000099	168.8365513	10.20103664	4.31E-14	16.55092097
SPATA24	NM_194296	38.2033481	4.041608099	0.004760195	9.452511764
NXPE3	NM_001134456	61.59073644	1.61890687	3.39E-06	38.04464456
PRMT5	NM_001039619	80.26512274	10.99440185	3.55E-05	7.300544754
YEATS4	NM_006530	133.2844306	0.442394743	2.11E-18	301.2794177
UBE2J1	NM_016021	132.2239396	0.647436579	1.80E-17	204.2268601
YKT6	NM_006555	158.9987163	0.657594452	1.55E-22	241.788409
FABP5	NM_001444	198.9987163	19.76433384	1.08E-13	10.06857696
ZNF143	NM_001282656	137.9382254	1.61764266	2.15E-14	85.27113481
TUG1	NR_002323	70.16216501	5.34825217	8.30E-06	13.11870921
FAM210A	NM_152352	84.4478793	0.624270407	1.13E-10	135.2745194
ADAM10	NM_001110	56.14157347	0.424143644	1.13E-06	132.3645287
TRAPPC12	NM_016030	207.3050222	0.284665557	2.95E-29	728.2406228
GATAD2A	NM_017660	46.50965393	1.635436799	0.000346008	28.43867398
RNF128	NM_194463	88.83655131	0.893185228	1.63E-10	99.46039024
GBF1	NM_001199378	197.9382254	1.931392875	7.14E-20	102.4847031
MLF2	NM_005439	75.08108251	4.180502543	4.71E-07	17.95982223
RPA1	NM_002945	108.8365513	1.112229495	1.77E-11	97.85440126
EIF3L	NM_001242923	116.9369417	3.025425954	5.14E-12	38.65139767
SGCE	NM_003919	37.40797988	0.719396499	0.000205022	51.99911307
KIAA0040	NM_001162893	72.48906239	3.80267633	4.59E-06	19.06264328
TMCO6	NM_018502	107.3050222	7.67629337	8.01E-09	13.97875472
TRIM3	NM_001248006	69.63191953	3.443675164	6.16E-06	20.22023455
DHFRL1	NM_176815	70.16216501	7.689328006	1.99E-05	9.124615956
GAR1	NM_032993	36.14157347	0.32576723	6.63E-05	110.9429376
C3orf18	NM_001171740	75.34620525	3.99339055	4.04E-07	18.86772764
LAS1L	NM_031206	54.81595977	1.253224849	8.79E-06	43.73992408
ULK2	NM_001142610	124.4478793	0.530708286	1.51E-15	234.4939443
SDHC	NM_001035513	73.54955335	1.487120716	1.66E-07	49.45768864
LOC100507634	NR_038320	147.3050222	11.52503609	6.20E-11	12.7813068
BTF3	NM_001207	113.0193079	1.524533151	1.15E-14	74.13371614
FAM174A	NM_198507	55.61132799	0.965799498	1.78E-06	57.58061391
HPS1	NM_182639	184.713002	3.706560368	3.56E-19	49.83407356
MOB4	NM_001204094	55.08108251	0.873997676	1.00E-06	63.02200111
CCDC90B	NM_001286120	112.7541851	1.519277407	1.01E-12	74.21566637

NDUFB3	NM_001257102	172.4890624	2.010684455	8.06E-21	85.78624159
SNX7	NM_152238	118.4684708	0.447937012	1.12E-14	264.4757357
NUDT3	NM_006703	114.8159598	1.570060487	2.04E-11	73.12836715
TMEM44	NM_138399	51.69369417	2.332218851	7.22E-05	22.16502716
DYNC1H1	NM_001376	178.2033481	1.248101499	3.79E-19	142.7795321
SMN1	NM_022874	129.9562496	14.81026837	1.96E-08	8.77473968
SCAMP1	NM_001290229	111.9588169	0.913889799	1.05E-12	122.5080059
AGO3	NM_177422	215.8764507	0.424313814	5.96E-28	508.7660205
RRAGC	NM_001271851	64.18275656	0.136915543	1.77E-10	468.7762634
ARHGAP8	NM_181335	54.81595977	1.633361293	4.66E-05	33.56021721
IQCE	NM_152558	60.53024548	1.48679242	7.33E-06	40.71196805
LOC100505666	NR_040772	131.9588169	6.117013149	5.44E-12	21.57242656
CEP162	NM_001286206	21.59073644	0.038775023	0.002065881	556.8207323
DHRS7	NM_016029	180.5302455	3.709933622	4.26E-19	48.66131415
NUPL1	NM_014089	109.6319195	2.515488769	3.49E-11	43.58275055
RPN2	NM_002951	72.48906239	1.504893843	4.68E-07	48.1688876
PALD1	NM_014431	114.8159598	2.845097349	3.74E-11	40.35572273
PTPMT1	NM_001143984	120.7953682	4.527346659	3.86E-12	26.68127213
RRM2B	NM_015713	92.48906239	0.540275091	2.99E-11	171.188833
UTP18	NM_016001	145.5083703	2.729833089	1.64E-15	53.30302824
MCPH1	NM_001172574	89.63191953	0.546006449	7.15E-12	164.1590857
RAD54L	NM_003579	71.69369417	4.664627976	4.74E-06	15.36964888
SLC25A5	NM_001152	124.1827566	10.23672213	2.39E-09	12.13110555
ECI2	NR_028588	100.7953682	0.698471223	4.50E-13	144.3085484
GPR107	NM_001136557	96.14157347	1.870341423	1.40E-09	51.40322097
ARF5	NM_001662	121.5907364	10.7214022	4.58E-09	11.34093603
TIPRL	NM_001031800	49.63191953	4.380555632	0.000519271	11.33005119
CCDC134	NM_024821	169.8970423	3.801821518	3.46E-17	44.68832676
FBXL20	NM_032875	91.95881691	0.426928943	7.22E-11	215.3960712
CUL3	NM_001257197	63.1222656	0.669601139	2.82E-07	94.26845613
MLKL	NM_152649	98.73359358	1.315331278	2.42E-11	75.06367043
FPGS	NR_110170	155.0810825	5.611106443	1.72E-14	27.63823571
ZDHHC20	NM_153251	126.7747767	0.023217337	2.73E-22	5460.349686
CHD2	NM_001042572	152.7541851	4.39848184	4.05E-14	34.72884297
PPL	NM_002705	71.95881691	2.761705961	7.22E-07	26.05592989
LYSMD4	NM_001284417	89.63191953	2.653291102	2.57E-09	33.78141187
GIGYF2	NM_001103148	177.6731026	1.056495943	2.66E-18	168.1720634
POLR2K	NM_005034	108.1003904	3.818994279	5.17E-11	28.30598384
SNX15	NM_013306	92.75418513	2.302537502	1.51E-09	40.28346338
ISL2	NM_145805	114.8159598	4.541253794	2.94E-11	25.28287671
SZT2	NM_015284	135.3462052	3.400339827	2.35E-13	39.80372907
RPS17	NR_111943	139.2638391	30.98798151	1.92E-06	4.494124246
ARSA	NM_001085428	66.24453119	6.239255592	6.59E-05	10.61737738
LOC100288798	NR_125379	121.8558592	0.679171393	1.49E-13	179.4184213
C16orf46	NM_152337	149.8970423	1.397591642	3.38E-18	107.2538199
NCOA6	NM_014071	37.14285714	0.68978947	0.000249985	53.84665724
CNOT8	NM_001301083	129.8970423	3.445578755	4.01E-13	37.69962944
LINC01431	NR_109884	98.99871632	23.10193621	0.000359496	4.285299528
TSPYL1	NM_003309	61.06049096	11.73369971	0.001518136	5.203856625
FAM195B	NM_207368	49.63191953	7.300918104	0.002281641	6.798038113
N4BP3	NM_015111	111.9588169	4.940580317	3.30E-10	22.66106605
ST6GALNAC2	NM_006456	124.713002	13.99234102	2.54E-08	8.912947582
SF3A2	NM_007165	95.87645073	5.805678283	1.84E-08	16.51425485
GGCT	NM_001199816	110.4272878	3.635682898	2.35E-11	30.37319008
IDUA	NM_000203	138.4684708	3.70392605	3.83E-14	37.38424282
GPR155	NM_001033045	64.18275656	0.422421202	3.79E-08	151.9401874
MAPK4	NM_002747	32.22393965	0.705651237	0.001225315	45.66553274
ING2	NM_001564	40.79536822	3.671954964	0.00224436	11.10998599
ARHGAP5	NM_001173	40.26512274	0.905256558	0.000117335	44.47923893
TUT1	NM_022830	117.9382254	5.902694415	2.50E-10	19.98040506
RPL22L1	NM_001099645	164.4478793	27.0802318	7.45E-09	6.072617122
UNK	NM_001080419	117.9382254	2.533518387	3.73E-12	46.5511622
RRM2	NM_001165931	115.611328	9.899481667	1.11E-08	11.67852337
NELFCD	NM_198976	63.1222656	4.872934196	1.85E-05	12.95364621

TMEM135	NM_001168724	127.5701449	0.230663995	1.96E-15	553.0561662
COMMD8	NM_017845	141.3256137	1.521244133	2.55E-17	92.90133691
PTPRS	NM_130855	37.14285714	2.438310531	0.002522323	15.23302987
TWF2	NM_007284	151.9588169	6.34030022	5.10E-14	23.96713273
DCAF10	NM_001286810	184.4478793	0.712953083	2.25E-22	258.7097014
EPHA2	NM_004431	155.8764507	7.727984521	1.18E-13	20.17038858
TNS4	NM_032865	86.50965393	10.71571507	6.58E-06	8.073157354
ERCC6L	NM_017669	62.85714286	0.201394767	1.63E-09	312.1091164
LINC01420	NR_015367	74.81595977	0.318161586	1.60E-09	235.150826
EDC3	NM_001142444	47.57014489	1.539218907	0.000138835	30.90537978
PRKCI	NM_002740	149.6319195	0.963408311	2.94E-16	155.3151637
ARRDC1	NM_152285	160.7953682	17.35707907	9.52E-11	9.263964725
BSG	NM_198589	98.99871632	6.047086916	8.16E-09	16.37130699
ATF7	NR_073163	102.3861047	1.196154885	2.79E-10	85.59602603
PRCC	NM_005973	49.89704227	2.306019411	0.000119038	21.63773732
CDC25A	NM_201567	58.46847084	2.867586191	1.59E-05	20.389438
TMEM237	NM_001044385	49.89704227	3.103838858	0.000115037	16.07591262
KIAA1841	NM_001129993	90.69241049	0.066623024	3.54E-15	1361.277301
C18orf25	NM_001008239	92.22393965	0.876976988	1.25E-10	105.1611854
ALDH1L2	NR_027752	40.79536822	1.047510885	0.000112436	38.94505423
ADAM17	NM_003183	89.89704227	1.958684899	9.09E-09	45.89663316
IKZF5	NR_073479	121.060491	0.75833499	2.46E-16	159.639859
HYAL3	NM_001200031	129.3667968	17.30639403	4.20E-08	7.475086756
ZNF664-FAM101A	NM_001204299	60.53024548	0.302221552	7.99E-07	200.2843445
SORL1	NM_003105	46.50965393	0.911718084	3.80E-05	51.01319667
FUT4	NM_002033	150.4272878	13.10060878	1.51E-11	11.48246545
CNPY3	NM_006586	72.22393965	7.41176018	1.26E-05	9.744505744
TTC31	NM_022492	61.06049096	2.056271719	1.23E-06	29.69475795
C19orf48	NM_001290152	90.69241049	19.61180062	0.000117594	4.62437959
GTF2H2C	NM_001098728	170.4272878	2.307874859	3.11E-19	73.84598306
SP110	NM_004510	38.73359358	0.880488917	7.62E-05	43.9910064
PYGL	NM_002863	232.2239396	4.090738169	2.07E-23	56.76822375
OXA1L	NM_005015	77.93822536	7.694207419	4.88E-06	10.12946768
DCTN6	NM_006571	34.55083703	1.522358347	0.002851844	22.6956006
LOC100289230	NR_036530	154.550837	25.88131189	9.31E-08	5.97152253
LINC01135	NR_034014	41.06049096	2.316564832	0.001313114	17.72473206
XPC	NM_001145769	129.8970423	1.951565275	3.82E-14	66.56043941
TSNAX-DISC1	NR_028396	99.26383906	0.423280033	2.73E-11	234.511036
DISP2	NM_033510	49.63191953	2.589390971	5.57E-05	19.16741044
ELP2	NM_001242878	115.0810825	1.333224383	1.62E-12	86.31786515
KCTD17	NM_001282686	50.16216501	2.889327844	0.000153047	17.36118839
HOXB13	NM_006361	95.61132799	4.779864993	4.76E-09	20.00293484
LOC100507557	NR_038244	78.2033481	0.231216121	1.41E-10	338.2261913
PCBP2	NM_001128911	48.83655131	7.757523081	0.003177866	6.29537944
ZNF12	NM_016265	74.07979883	3.182604309	8.70E-07	23.27647161
ULK3	NM_001284365	172.2239396	4.442458122	1.42E-18	38.76771259
AAMDC	NM_024684	134.8159598	0.662940185	3.40E-16	203.3606694
DOLK	NM_014908	161.060491	10.87283017	2.87E-12	14.81311567
CD46	NM_172353	107.0398994	3.125008052	1.26E-10	34.25267956
COL6A4P1	NR_027927	64.18275656	0.028752232	2.31E-11	2232.270418
BBS12	NM_001178007	38.46847084	2.383793804	0.00107983	16.1374993
CDKN3	NM_001130851	175.3462052	1.753856982	3.93E-20	99.97748225
ELK1	NM_001257168	89.10167405	0.778965752	1.38E-11	114.3845847
TMEM67	NR_024522	65.50837026	0.816334686	7.65E-08	80.24695185
BABAM1	NM_014173	32.48906239	1.938902541	0.004212891	16.75641849
PSMD10	NM_170750	35.34620525	1.930773045	0.001280391	18.30676336
TRMU	NR_104241	128.8365513	6.970649646	4.02E-11	18.48271795
TMEM127	NM_001193304	129.3667968	5.306688998	8.38E-12	24.37806264
COMMD6	NM_001287393	158.7335936	2.667333373	1.04E-18	59.51021915
TBC1D24	NM_001199107	34.28571429	1.402173635	0.002886788	24.4518321
TRAF3IP2-AS1	NR_034108	98.73359358	1.046327587	2.77E-11	94.36202848
ZDHHC13	NM_019028	149.6319195	1.233521471	1.95E-16	121.3046737
AZI2	NM_022461	107.8352676	3.209983814	2.32E-10	33.59371071
FAM86B3P	NR_024363	121.3256137	6.084070009	4.53E-11	19.94152163

CHMP5	NM_001195536	38.2033481	2.19075394	0.00131376	17.43844775
CTNNB1	NM_001098209	192.7541851	3.045226864	2.43E-19	63.29715117
LETM1	NM_012318	104.713002	3.070779889	1.29E-10	34.09980716
TRIM11	NM_145214	120	4.925137681	3.57E-11	24.3648011
STAG3L5P	NR_103720	200.5302455	4.664152393	1.02E-21	42.99393085
AP2A1	NM_014203	60.26512274	1.909286914	6.84E-06	31.56420457
DUSP2	NM_004418	157.6731026	18.2387885	1.19E-09	8.644932891
ABCC5	NM_001023587	66.24453119	1.152541343	6.19E-07	57.47692402
GOLGA2P10	NR_103496	54.28571429	3.233036449	3.84E-05	16.79093791
SERINC5	NM_178276	186.7747767	1.467820724	6.03E-19	127.246314
UNC5B	NM_170744	178.2033481	1.597417213	1.36E-18	111.5571728
CA11	NM_001217	61.59073644	11.26063436	0.001157609	5.469561879
NFU1	NR_045631	117.6731026	2.58597958	4.10E-12	45.50426598
LOC101928600	NR_109904	23.91763382	0.748569452	0.004865016	31.9511219
SENP6	NM_015571	161.060491	0.062971161	5.00E-26	2557.686524
ZNF784	NM_203374	60.26512274	1.490796863	2.71E-07	40.42477164
KXD1	NM_001171948	69.89704227	4.847525059	3.51E-06	14.41911933
CACNB1	NM_000723	128.5714286	4.168253441	1.87E-12	30.84539614
WLS	NM_001193334	101.8558592	1.300141823	2.73E-10	78.34211422
TSPAN17	NM_001006616	135.0810825	3.950307259	1.68E-13	34.19508247
TFAP2A	NM_003220	75.87645073	15.31887051	0.000363093	4.953136114
NUBP2	NM_012225	92.75418513	3.660515485	3.93E-09	25.3391047
CTSB	NM_147780	149.1016741	6.626706383	3.96E-13	22.50011777
ZNF786	NM_152411	190.4272878	5.2532106	1.37E-18	36.24969609
FDX1L	NM_001031734	106.2445312	7.17723356	1.19E-08	14.80299203
AP1G2	NM_001282475	92.75418513	14.93854056	1.22E-05	6.209052667
ECE2	NM_032331	109.3667968	7.022873336	4.37E-09	15.57294167
RMND1	NM_001271937	115.8764507	1.659858944	1.75E-12	69.8110229
GLG1	NR_027265	133.0193079	2.369189916	5.16E-13	56.1454812
SENP5	NM_152699	152.4890624	1.222702721	1.38E-16	124.7147485
BBX	NM_001276286	75.61132799	1.058878157	4.35E-08	71.40701458
MTHFS	NM_022764	123.6525111	3.15887417	4.07E-12	39.14432353
ARHGAP22	NR_045675	55.34620525	1.543044927	5.53E-05	35.86817485
TRIM44	NM_017583	67.57014489	0.769213534	9.24E-08	87.84315651
RHOBTB3	NM_014899	75.87645073	1.782917127	1.40E-07	42.55747481
TAMM41	NM_001284401	101.5907364	0.962644669	3.22E-11	105.5329549
OSTF1	NM_012383	218.2033481	1.025266821	5.98E-26	212.8259138
HMGXB3	NM_014983	101.060491	2.368193382	4.67E-10	42.67408722
AJUBA	NM_001289097	78.73359358	19.38048221	0.001344881	4.062519844
CREB3L2	NM_001253775	87.30502215	1.79585082	1.16E-08	48.61485217
ETNK2	NM_001297761	43.38738834	3.991424369	0.002306852	10.87015169
LOC101927027	NR_110205	101.060491	3.67430999	1.61E-09	27.50461753
ALG8	NM_001007027	79.5289618	1.704398034	2.95E-08	46.66102649
PLA2G4C	NM_001159323	92.22393965	0.07260958	7.82E-15	1270.134603
E2F2	NM_004091	98.73359358	5.367741134	4.71E-09	18.39388136
APIB1	NM_001166019	98.73359358	1.086976142	1.26E-10	90.83326651
SFR1	NM_001002759	186.7747767	7.64384947	2.99E-17	24.43464872
MEGF11	NM_032445	32.22393965	0.951456927	0.001398799	33.86799626
ZSCAN31	NM_001243242	84.4478793	5.018807559	2.51E-07	16.82628359
ZNF302	NM_018675	115.611328	1.801590305	5.22E-14	64.17181957
CDK10	NR_027702	174.6100443	22.07034971	1.04E-10	7.911521412
ACBD7	NM_001039844	33.54955335	0.342664337	2.87E-05	97.90792237
ZFAND2B	NM_001270999	114.550837	14.01222232	2.05E-07	8.175065627
SFI1	NM_014775	109.8970423	1.94019394	1.37E-10	56.64229747
PTPN23	NM_015466	149.1016741	2.224279883	1.74E-16	67.03368368
PYCR2	NM_001271681	135.611328	14.81152306	2.32E-09	9.155798998
TCEANC2	NM_153035	71.69369417	0.826341932	8.07E-09	86.76032454
REPIN1	NM_001099695	92.48906239	8.151391122	5.66E-07	11.3464145
MROH1	NM_001099280	113.2844306	1.120981286	3.17E-12	101.0582711
MGST2	NM_002413	60.79536822	0.479071515	5.47E-08	126.9024901
VEGFA	NM_001171627	197.6731026	8.638828102	8.23E-18	22.88193494
CYFIP1	NM_014608	41.06049096	1.610036502	0.001229847	25.50283233
BTN2A2	NM_001197238	33.28443061	0.556196291	0.000476506	59.84295674
YME1L1	NM_014263	76.93694168	1.33228422	5.38E-08	57.74814452

STK25	NM_001282308	46.24453119	8.95069745	0.004828982	5.166584107
USP9X	NM_001039591	27.30502215	1.276287091	0.002646389	21.39410667
DDX54	NM_024072	129.1016741	3.235441466	1.42E-12	39.90233648
WDHD1	NM_001008396	103.1222656	0.508266323	9.61E-13	202.8902192
ORC3	NM_012381	50.69241049	0.056928026	3.50E-08	890.4649221
RELA	NM_001243985	121.060491	5.37741608	1.48E-11	22.51276248
SLC9A8	NM_001260491	112.7541851	1.971695701	3.79E-11	57.1864031
RALGPS2	NM_152663	72.22393965	0.288053907	1.75E-08	250.7306371
JMJD1C	NM_001282948	78.2033481	1.220543071	1.50E-07	64.0725837
ZFP64	NM_018197	115.611328	3.023717456	1.15E-11	38.23483169
SH3GLB1	NM_001206653	121.3256137	1.280593639	2.40E-13	94.74169636
CSTF3	NM_001033506	112.4890624	1.391018289	1.75E-13	80.86814049
DENND4C	NM_017925	135.611328	1.145839571	1.33E-13	118.3510601
TMEM123	NM_052932	134.8159598	2.225531468	6.93E-14	60.57697306
TIMM8A	NM_001145951	117.6731026	16.19263329	9.20E-05	7.267076361
AREL1	NM_001039479	81.59073644	0.198699428	2.84E-12	410.6239117
FBXO21	NM_015002	167.3050222	2.327165892	4.14E-18	71.89217697
SCAP	NM_012235	113.5495533	1.250817874	3.84E-12	90.78024526
SUCLG2	NM_001177599	106.7747767	0.514226962	8.72E-12	207.6413423
NME6	NM_005793	72.75418513	4.635518515	3.51E-06	15.69494003
KDM1B	NM_153042	112.4890624	1.577533215	1.87E-11	71.30693753
SF3B5	NM_031287	137.6731026	27.14480879	0.000221626	5.071802263
SPRY4	NM_030964	172.4890624	9.060318825	2.99E-14	19.03785791
HPS5	NM_007216	138.9987163	1.525115026	1.51E-15	91.13982482
ZKSCAN1	NM_001287054	60.79536822	3.228233241	7.40E-06	18.83239645
LOC100630923	NR_038967	150.4272878	4.775406294	7.69E-14	31.50041661
ZNF180	NM_001288759	124.4478793	2.297668184	5.97E-14	54.16268553
MARS	NM_004990	44.18275656	3.957279257	0.002557727	11.1649327
ZER1	NM_006336	109.1016741	3.877109374	7.92E-10	28.13995261
AP3S2	NR_037582	140.7953682	2.141326458	1.94E-14	65.75147274
CD99P1	NR_033381	46.24453119	1.606773186	0.000170484	28.7809951
RPARP-AS1	NR_038937	130.162165	31.95631251	1.01E-05	4.07312843
TARS2	NR_073514	118.7335936	1.165685014	4.91E-15	101.8573561
PPM1J	NM_005167	143.3873883	11.56478511	4.96E-11	12.39862107
SSBP1	NR_046269	136.4066962	2.582832033	1.15E-15	52.81284051
BRI3BP	NM_080626	49.36679679	1.637376509	9.04E-05	30.14993591
FRS2	NM_001278355	135.3462052	0.840480368	1.23E-15	161.0343446
UBE2F-SCLY	NR_037904	38.2033481	1.707655961	0.002417337	22.37180614
PREPL	NM_001171606	117.4079799	1.523620406	1.09E-12	77.05855041
EXOSC2	NM_001282708	132.4890624	5.728547597	1.47E-12	23.12786272
KLC2	NM_022822	123.3873883	15.99585982	8.11E-08	7.713707778
GGA3	NM_001291641	122.6512274	6.367303312	1.75E-10	19.26266449
MKS1	NM_017777	161.060491	0.519868739	3.32E-23	309.809917
FH	NM_000143	141.5907364	0.64276847	9.32E-20	220.2826417
WDR44	NM_001184966	68.57142857	0.529903073	3.72E-08	129.4037195
AMPD2	NM_004037	60.26512274	3.000451894	1.65E-05	20.08534877
SERPINB9	NM_004155	209.8970423	1.771136703	2.39E-26	118.509792
ATRAID	NM_016085	104.4478793	4.399829208	1.98E-10	23.73907585
CDS2	NM_003818	58.2033481	1.345947493	1.68E-05	43.24340169
PAPL	NM_001004318	34.55083703	1.594264414	0.002920652	21.67196152
TKT	NR_047580	54.34492157	10.00944481	0.003292278	5.429364227
STARD7-AS1	NR_046322	224.4478793	2.679297644	2.39E-24	83.77116288
RNH1	NM_203384	93.01930787	6.078026002	4.57E-08	15.30419709
SAE1	NR_027280	133.0193079	4.006414192	4.58E-12	33.20158663
PFKFB3	NM_001145443	183.9176338	4.790477059	9.53E-17	38.39234205
SEC31A	NM_001077206	135.3462052	0.571896396	3.73E-17	236.6621054
LOC100506368	NR_038905	91.95881691	0.566101196	4.42E-12	162.4423647
GPI	NM_001289789	67.03989941	5.929488881	2.22E-05	11.3061852
ACBD4	NM_001135705	41.06049096	4.208256797	0.002797105	9.757125798
EZH1	NM_001991	97.67310262	0.689906879	2.87E-11	141.5743279
GDI2	NM_001494	98.46847084	3.581714173	1.52E-09	27.49199575
PMF1-BGLAP	NM_001199663	81.59073644	2.428872413	1.67E-08	33.59202238
ARL15	NM_019087	84.71300204	0.195738161	6.30E-10	432.7873605
MOSPD3	NM_023948	87.83526763	2.559522583	5.76E-09	34.31705124

DCBLD2	NM_080927	173.0193079	9.511006075	1.12E-13	18.19148327
E2F6	NM_001278277	50.16216501	4.699250262	0.000373475	10.67450385
ORC1	NM_004153	89.63191953	3.264395133	6.48E-09	27.45743572
GOLGA4	NM_001172713	144.4478793	0.563477136	1.55E-17	256.3509147
SATB2	NM_001172509	54.81595977	0.153550227	8.58E-07	356.9904173
ILIR1	NM_000877	68.57142857	0.865231934	1.86E-07	79.25207782
MTMR10	NM_017762	117.6731026	0.938237312	3.58E-13	125.419338
ALDOC	NM_005165	61.85585918	5.83460274	6.79E-05	10.60155454
TSPO	NR_046308	112.2239396	9.344128963	7.55E-09	12.01010175
ABHD15	NM_198147	95.61132799	9.875084422	6.79E-07	9.682077024
BSPRY	NM_017688	157.1428571	2.600916057	6.10E-17	60.41827329
TAF15	NM_139215	232.7541851	2.670717411	9.56E-25	87.15043537
STXBP1	NM_003165	171.4285714	1.283877681	1.52E-18	133.5240685
LOC101929295	NR_110303	69.89704227	10.05628533	0.000109149	6.950582646
MBTD1	NM_017643	45.50837026	1.143128621	3.02E-05	39.81036728
PAPD4	NM_173797	46.77477667	1.225006221	0.000263363	38.18329727
PEX10	NM_153818	64.4478793	7.830446427	0.000143597	8.230422096
LRP6	NM_002336	58.73359358	0.434169409	5.08E-07	135.2780558
PNP	NM_000270	226.5096539	4.121621352	7.43E-25	54.95644423
MRPL43	NM_176794	165.2432475	12.10537689	3.00E-13	13.65040089
NT5C3B	NR_033465	152.2239396	1.78856659	4.90E-19	85.10946167
FARP1	NM_005766	48.57142857	1.212018324	2.30E-05	40.07483022
B4GALT3	NM_001199874	89.89704227	14.52848205	1.75E-05	6.187641763
AKIP1	NR_045418	94.55083703	5.221387405	1.50E-08	18.10837421
CFAP97	NM_020827	157.1428571	2.703624249	1.34E-16	58.12303882
NAA16	NM_024561	124.1827566	0.927410429	1.54E-13	133.9026958
ACP2	NM_001131064	159.2638391	12.10277586	1.08E-12	13.15928188
ARMC5	NM_001105247	95.34620525	13.74495019	6.28E-06	6.936817081
NDUFAF5	NM_001039375	95.34620525	0.821850937	4.30E-11	116.0139886
CCDC50	NM_178335	61.06049096	1.408727791	8.48E-06	43.34442138
TAF1A	NM_001201536	83.38738834	0.494899298	1.59E-11	168.4936483
POLD4	NM_001256870	135.3462052	13.16468747	2.82E-09	10.28100406
PPIE	NR_036543	109.8970423	3.942721368	1.35E-10	27.8733981
METTTL21B	NM_206914	61.06049096	1.289726844	2.87E-07	47.34373891
RABL6	NM_001173989	65.71428571	3.06102004	1.69E-06	21.46810045
URGCP	NM_001290076	143.9176338	1.666696496	1.80E-15	86.34903486
CAP1	NM_001105530	93.01930787	4.271354407	2.00E-08	21.77747361
MAU2	NM_015329	83.91763382	2.064559852	1.87E-08	40.64674305
EGLN2	NM_080732	77.40797988	4.209546427	1.82E-07	18.3886747
KIF9-AS1	NR_033373	89.63191953	0.380451897	2.09E-11	235.5933041
CLIC5	NM_001256023	48.83655131	0.64603779	1.14E-05	75.59395454
PLCB3	NM_000932	168.8365513	8.290702515	1.42E-14	20.36456513
EFHC1	NM_018100	24.71300204	0.697194895	0.004244027	35.44633243
DPH5	NM_015958	90.42728775	1.412790448	7.24E-10	64.00615735
INTS12	NM_001142471	172.2239396	1.710965735	1.20E-20	100.6589063
FKBP5	NM_001145777	163.6525111	1.525811114	9.21E-17	107.2560749
AADAT	NM_001286682	100.5302455	0.988356522	9.20E-12	101.7145567
LOC100507437	NR_125384	64.18275656	3.551239425	2.68E-05	18.07333972
SEC23B	NM_032985	83.38738834	2.397173304	3.73E-08	34.78571541
PDHB	NR_033384	125.7142857	3.531338461	4.23E-13	35.59961389
CCDC167	NM_138493	75.87645073	4.321230749	5.79E-07	17.55899075
POC1A	NM_001161581	50.16216501	0.602488476	3.86E-06	83.25829794
E2F8	NM_001256372	40.79536822	2.123725142	0.000632218	19.20934466
E2F3	NM_001949	202.6512274	4.619664876	8.76E-19	43.86708405
FAM98C	NM_174905	84.4478793	2.564214953	5.14E-09	32.93322941
GMPR2	NM_001002002	67.03989941	3.954674085	9.55E-06	16.95206684
WDR73	NM_032856	106.2445312	4.884831874	1.15E-09	21.74988494
LPAR3	NM_012152	155.3462052	2.476227329	1.34E-15	62.73503383
RAB3GAP1	NM_012233	80.53024548	0.741446627	3.30E-09	108.6123297
STX12	NM_177424	124.1827566	0.683352998	1.51E-14	181.7256336
TTK	NM_003318	24.4478793	0.074880792	0.000538626	326.4906629
FIZ1	NM_032836	63.65251108	3.342486424	4.77E-06	19.04346136
IDH3G	NM_004135	46.24453119	1.648190774	4.07E-05	28.05775395
SOGA1	NM_080627	37.14285714	3.112885246	0.002446438	11.93197121

RNF24	NM_001134337	106.7747767	0.340185884	7.34E-14	313.8718613
STAM	NM_003473	61.85585918	0.723191133	1.72E-07	85.53182746
DNAJC10	NM_001271581	198.2033481	0.702506611	3.40E-24	282.1373422
RABGAP1L	NM_014857	115.8764507	0.031904536	8.39E-16	3631.974183
BBS4	NM_001252678	126.7747767	0.689074734	7.03E-15	183.9782687
ATG10	NM_031482	163.1222656	0.192996652	2.49E-20	845.20775
AEBP2	NM_001114176	114.550837	1.494764579	1.18E-11	76.6347013
PML	NM_033246	58.46847084	0.13004774	9.65E-09	449.5923622
MRPS31P5	NR_051965	98.99871632	2.199729362	8.95E-11	45.00495289
AFAP1L1	NM_001146337	63.1222656	0.508296261	8.98E-08	124.1840052
CHCHD10	NM_001301339	207.3050222	2.109130429	1.12E-23	98.28933257
FOXJ2	NM_018416	89.36679679	4.290182125	4.98E-08	20.83053684
MCM8	NM_001281520	98.46847084	1.933638668	5.02E-10	50.92392517
EMC4	NM_016454	86.77477667	1.272885313	3.34E-11	68.1717165
FUS	NM_001170634	277.9382254	11.5626957	1.59E-24	24.03749373
MESP2	NM_001039958	52.48906239	8.920340784	0.00329114	5.884199232
TNK1	NM_001251902	150.162165	19.0284196	2.27E-09	7.891468036
CPSF2	NM_017437	135.3462052	0.998456307	1.02E-15	135.5554612
AMOTL2	NM_001278685	67.03989941	6.360961912	7.22E-05	10.53927069
ALDH3B1	NM_001290059	98.99871632	7.674400517	3.44E-08	12.89986314
CHP1	NM_007236	58.73359358	1.838307712	8.14E-06	31.94981623
SRP9	NM_003133	104.713002	1.748491854	5.44E-12	59.88761217
TRIM38	NM_006355	52.48906239	3.711683671	0.000351807	14.14157752
TARDBP	NM_007375	136.1415735	4.282112242	1.66E-13	31.79308849
PLEKHD1	NM_001161498	37.14285714	0.338036971	6.81E-05	109.8780914
KLHL28	NM_017658	141.3256137	0.563956915	3.17E-18	250.5964726
TRIT1	NM_017646	127.3050222	0.276354267	2.66E-19	460.6587889
MCUR1	NM_001031713	160.7953682	2.389269948	6.27E-17	67.29895396
WDR76	NM_001167941	73.54955335	0.412922894	3.78E-10	178.1193398
C3orf17	NM_015412	96.40669621	3.038252034	1.45E-09	31.73097397
CTU2	NM_001012759	104.1827566	5.103850609	1.30E-09	20.41257955
CCDC115	NM_032357	80.79536822	8.235104374	7.36E-06	9.811092191
CDK1	NM_001170406	49.89704227	4.090570002	0.000339423	12.19806586
PEX11A	NM_003847	101.060491	0.15556924	7.35E-17	649.6174374
VMA21	NM_001017980	100.5302455	0.682179707	4.00E-14	147.366221
FBXO28	NM_001136115	123.6525111	1.243229934	1.36E-13	99.46069321
MMS19	NM_022362	61.59073644	5.933781204	4.27E-05	10.3796777
UBR7	NR_038150	133.0193079	1.737965749	6.15E-16	76.53735865
PRSS23	NR_120593	80.53024548	1.177619221	6.89E-09	68.38394284
XRN1	NM_001282857	87.03989941	0.105476271	4.61E-12	825.208351
SPOCD1	NM_001281987	117.4079799	1.85935268	3.05E-13	63.14454551
SWAP70	NM_001297714	85.97940845	1.912832739	2.49E-08	44.94873321
SMC3	NM_005445	161.5907364	1.705353613	1.33E-18	94.75497351
WDR34	NM_052844	118.9987163	7.437620029	3.93E-10	15.9995692
PEX2	NM_001079867	70.16216501	1.958012125	1.22E-07	35.83336595
FAM86EP	NR_024253	91.95881691	6.006212734	1.09E-07	15.31061602
KIAA1731	NM_033395	106.7747767	1.61702957	8.80E-11	66.03143113
FBXO18	NM_001258452	167.3050222	2.572089889	7.13E-18	65.0463356
STRIP1	NM_033088	106.7747767	1.547050976	1.97E-12	69.01826658
ORMDL3	NM_139280	100.5302455	6.643429708	1.44E-08	15.13228105
DHX29	NM_019030	130.6924105	0.636205136	7.36E-16	205.4249535
ZYG11B	NM_024646	147.0398994	0.234000315	3.73E-20	628.3747932
ZNF57	NM_173480	111.9588169	1.94644416	4.73E-13	57.51966544
ACIN1	NM_001164816	75.08108251	7.066100199	8.12E-06	10.62553324
NUP107	NM_020401	101.060491	0.896921526	5.82E-11	112.6748417
VIPAS39	NM_022067	144.1827566	0.040456607	1.19E-24	3563.886506
PLEKHF2	NM_024613	136.6718189	0.330367032	1.42E-20	413.6969064
ACTN1	NM_001130004	152.2239396	3.17504192	7.73E-15	47.94391491
SLC30A5	NM_001251969	90.42728775	2.212108044	6.22E-10	40.87833233
TRAP1	NM_016292	172.7541851	1.937942504	2.51E-18	89.14309107
MYLK-AS1	NR_038266	64.71300204	2.35672472	2.21E-06	27.45887184
PIIG	NM_004792	71.95881691	0.17248316	1.37E-10	417.1932906
UBE4B	NM_001105562	115.0810825	0.334082142	4.10E-14	344.4694226
RNF170	NM_001160224	105.9794085	0.653446814	1.97E-12	162.1852095

COPG2	NM_012133	95.08108251	0.26103939	2.15E-11	364.2403637
PDSS2	NM_020381	67.83526763	0.470622042	1.14E-07	144.1395887
APBB2	NM_001166050	75.61132799	1.534595768	6.94E-07	49.27116937
SLC25A12	NM_003705	89.36679679	1.251175478	9.76E-09	71.42626942
TRAF3IP2	NR_028338	49.36679679	1.065962363	9.56E-06	46.31195107
CMPK1	NM_001136140	123.6525111	2.400793103	9.06E-13	51.50485934
DDX26B	NM_182540	71.95881691	0.129070744	9.44E-11	557.5145424
PIGT	NR_047691	127.5701449	1.717988632	7.11E-16	74.2555233
NXF1	NM_006362	197.2020644	6.462963132	6.05E-19	30.51263954
TMED7	NM_181836	55.61132799	1.46784941	4.85E-06	37.88626246
MDM4	NM_001204172	116.4066962	2.266395476	2.95E-12	51.3620405
PLRG1	NM_001201564	87.57014489	1.476048067	1.31E-10	59.32743442
NMU	NM_001292045	140.7953682	1.050238297	1.92E-16	134.0604019
SMAGP	NM_001031628	74.55083703	2.181928869	1.01E-07	34.16740027
PPP2R1B	NM_002716	155.0810825	0.787238346	3.01E-20	196.9938116
RAB10	NM_016131	51.69369417	2.648830426	0.000101484	19.51566761
TMEM116	NM_138341	133.0193079	0.487675137	3.27E-17	272.7621275
LOC100507316	NR_120682	102.3861047	17.72061658	4.84E-05	5.777795833
ICK	NM_016513	100.7953682	0.638677476	1.29E-12	157.8188868
PLA2R1	NM_007366	26.24453119	0.009339285	0.000197112	2810.122066
IL13RA1	NM_001560	88.83655131	0.421323566	1.66E-11	210.851133
PCCA	NM_001178004	100.7953682	0.45932587	5.57E-11	219.4419581
ELMOD2	NM_153702	138.9987163	1.24863663	8.75E-17	111.3203898
WARS	NM_173701	48.36551311	1.808711509	0.000119038	26.74031369
ZNF277	NM_021994	38.73359358	0.404797557	9.95E-05	95.68633227
GNPNAT1	NM_198066	177.9382254	3.061338281	7.48E-20	58.12432636
GNPDA2	NM_001270880	135.611328	2.970708721	1.42E-13	45.64948662
CREBZF	NR_028027	135.3462052	4.627491132	3.27E-13	29.24829057
JAK2	NM_004972	138.2033481	0.331098413	3.02E-17	417.4086693
SEPHS2	NM_012248	99.26383906	15.45902235	1.42E-05	6.421094222
NIP7	NM_016101	78.2033481	7.908699271	8.72E-06	9.888269288
TNFAIP8	NM_001286817	73.81467609	1.171685043	2.70E-08	62.99873546
MAT2A	NM_005911	168.8957586	25.68573482	1.82E-09	6.575469216
NCAPH	NM_001281711	115.0810825	4.390856955	2.35E-10	26.20925338
CDKN1C	NM_001122631	78.46847084	14.10369195	0.000364427	5.563682979
MCM9	NM_153255	91.69369417	2.210652462	8.35E-10	41.4781137
ACAD11	NM_032169	121.3256137	0.317889728	1.09E-15	381.6594338
PPIB	NM_000942	117.6731026	12.88966771	2.78E-08	9.129258042
PWWP2A	NM_001130864	172.4890624	0.786139552	7.42E-23	219.4127773
NR1D1	NM_021724	96.93694168	12.8526666	2.98E-06	7.542165739
ZC3H12A	NM_025079	126.2445312	12.37794131	6.63E-09	10.19915413
RPP40	NM_006638	110.162165	2.054390738	3.32E-13	53.62279093
TPGS1	NM_033513	74.55083703	1.325177986	5.19E-09	56.25722568
SLC25A29	NM_152333	98.46847084	4.710685483	3.14E-09	20.90321487
FLVCR2	NM_017791	52.22393965	0.014854136	3.21E-09	3515.784327
CLPSL2	NM_001286550	41.3256137	4.774641012	0.004129037	8.655229492
SYNRG	NM_198882	103.6525111	0.653734365	2.63E-12	158.5544781
RPS14	NM_005617	155.8764507	8.116211348	4.31E-14	19.20556822
RCL1	NM_005772	72.48906239	0.290985126	1.61E-09	249.1160408
CHID1	NM_001142677	118.4684708	3.519263165	8.63E-11	33.66286216
PARS2	NM_152268	144.4478793	5.473633358	2.45E-14	26.38976158
CDH22	NM_021248	69.10167405	1.331170073	1.61E-06	51.91047746
LOC102723809	NR_110550	52.22393965	1.076480238	2.11E-05	48.51360743
LINC01012	NR_038293	44.71300204	2.270655533	0.000136822	19.69167114
RCHY1	NM_015436	86.24453119	2.071151714	7.80E-09	41.64085645
MKRN1	NM_001145125	93.01930787	2.267746701	3.39E-10	41.01838526
STMN2	NM_007029	41.3256137	0.580554132	6.56E-05	71.18304981
NEMF	NM_004713	108.1003904	1.525765002	3.71E-11	70.84996067
FLNB	NM_001164319	195.611328	1.090397716	3.59E-20	179.394477
CRYZL1	NM_145858	109.8970423	1.288459764	1.20E-11	85.29334428
SAMD8	NM_001174156	149.3667968	0.341016495	1.41E-20	438.0046097
PROSC	NM_007198	118.4684708	2.812935987	3.53E-12	42.1155943
TLL1	NM_012464	32.75418513	0.367971457	0.00112734	89.01284187
NQO1	NM_001286137	84.18275656	10.10584068	8.92E-06	8.330109212

TMEM50B	NM_006134	148.8365513	0.784900821	3.88E-19	189.62466
TMEM246	NM_032342	129.8970423	4.410109519	1.52E-12	29.45438015
PIR	NM_003662	43.91763382	0.575251406	5.00E-05	76.3451134
PAF1	NR_046384	106.2445312	18.98565469	1.37E-05	5.596042536
ASL	NM_001024944	175.8764507	1.743018827	2.01E-21	100.9033569
GSTK1	NM_015917	194.0797988	5.94895098	9.08E-20	32.62420542
SRD5A3	NM_024592	107.0398994	3.257590163	5.15E-10	32.85861451
CDK20	NM_001170640	35.34620525	0.456842992	0.000279437	77.37057563
KIF1C	NM_006612	66.24453119	2.843886165	1.82E-06	23.29366485
TPRKB	NM_016058	68.63063585	4.937459561	9.32E-06	13.89998946
BDNF-AS	NR_033312	180	0.656155484	1.34E-20	274.3252238
ERBB2	NM_001289937	76.93694168	4.013207269	1.02E-06	19.17093649
NGFR	NM_002507	197.4079799	4.544806183	8.80E-20	43.43595126
TBCEL	NM_152715	63.91763382	0.69647678	1.38E-07	91.77281376
FAM63B	NM_001040453	73.81467609	1.058443112	1.60E-08	69.73891676
ARSG	NM_014960	93.28443061	4.941657336	6.57E-08	18.87715482
CEP63	NM_001042384	81.85585918	0.477667378	3.48E-10	171.3658143
PDRG1	NM_030815	71.22265597	5.575423426	4.85E-06	12.77439407
SP3	NM_001172712	140.7953682	3.868405152	7.19E-13	36.39623118
STEAP1B	NM_001164460	52.22393965	0.499629089	2.24E-06	104.5254186
ZNF74	NM_001256525	141.8558592	4.220537847	4.87E-14	33.61084874
PSMA5	NM_001199772	124.1827566	1.91658833	8.40E-14	64.79365162
ASB16-AS1	NR_049730	145.2432475	4.297376113	5.81E-15	33.79812325
DPM1	NM_003859	113.2844306	3.397233165	4.19E-11	33.34608639
STYK1	NM_018423	46.50965393	0.992575029	2.13E-05	46.85757005
NCOA7	NM_001122842	145.2432475	0.413586421	6.31E-18	351.1799235
HADHB	NM_001281513	100.2651227	0.286575619	1.53E-14	349.8731787
BDH1	NM_203314	106.7747767	2.9969537	1.31E-10	35.62776985
TTPAL	NM_001039199	187.8352676	3.965326114	3.22E-19	47.36943752
LGR4	NM_018490	38.46847084	0.329811553	0.000159444	116.6377299
IVNS1ABP	NM_006469	169.3667968	3.939189664	1.54E-17	42.99533946
DEF6	NM_022047	70.69241049	3.637313507	3.01E-06	19.4353361
FKBP1A	NM_001199786	138.2033481	4.075075242	1.75E-13	33.91430585
VWA8-AS1	NR_039974	121.060491	1.057403842	3.06E-15	114.488416
ACSS2	NM_018677	107.3050222	2.514283695	5.59E-11	42.67816809
TCEAL4	NM_024863	57.93822536	6.629719334	0.000464864	8.739167142
GTF3C2	NM_001035521	53.54955335	2.070659551	2.51E-05	25.86110949
ZNF28	NR_036600	81.06049096	0.052150895	1.51E-14	1554.345143
TMEM164	NM_032227	75.08108251	0.723877306	2.34E-08	103.7207298
GSTO2	NM_001191014	113.2844306	1.378825942	1.70E-13	82.16006618
LOC100288152	NR_125375	132.2239396	14.93070443	6.09E-09	8.855840677
KCTD5	NM_018992	203.6525111	2.105526828	5.15E-23	96.72282887
PELO	NM_015946	95.34620525	8.118887045	4.90E-07	11.74375314
DHRS4	NM_021004	167.5701449	2.517253075	1.73E-19	66.56865237
SULT1A1	NM_177536	103.9176338	1.216338012	1.21E-12	85.43483206
RPS19	NM_001022	78.46847084	14.39317389	0.000283474	5.451783703
ITGB4	NM_001005731	68.36551311	7.117202379	5.74E-05	9.605672211
SNAI1	NM_005985	180.2651227	8.55349954	7.21E-16	21.07501402
ENY2	NM_001193557	194.0797988	2.627212295	7.93E-23	73.87290292
MSLN	NM_001177355	95.34620525	4.881778104	9.42E-09	19.53104038
HEATR6	NM_022070	152.7541851	1.122443232	3.60E-18	136.0907891
G3BP2	NM_203504	121.8558592	2.985350253	6.42E-12	40.81794391
ST20	NR_037652	103.9176338	2.769867441	6.14E-11	37.51718666
EYA3	NM_001990	90.69241049	1.634294586	7.01E-09	55.49330657
ZNF37A	NM_003421	56.14157347	0.640239105	1.41E-07	87.688448
CABIN1	NM_001199281	135.3462052	1.637275219	3.38E-13	82.66551868
ZNF584	NM_173548	89.63191953	0.929487649	4.54E-12	96.43153363
ANKRD12	NM_015208	75.34620525	0.575655617	1.49E-08	130.8876401
SPCS3	NM_021928	169.3667968	3.215810648	2.32E-18	52.66690591
TSPAN6	NM_003270	32.48906239	1.076905826	0.002135383	30.16889833
RNF34	NM_025126	156.4066962	3.613453072	5.22E-16	43.28455167
FBXO41	NM_001080410	88.57142857	13.42372079	1.09E-05	6.598128039
RBBP6	NM_018703	159.5289618	1.699596548	1.79E-18	93.86284176
MZT1	NM_001071775	61.3256137	2.024451783	3.06E-06	30.29245459

OSTC	NM_021227	98.2033481	0.350691763	3.67E-14	280.0275296
ECT2	NM_001258316	79.5289618	1.30640916	5.08E-08	60.87599829
FAHD1	NM_031208	90.69241049	2.400451174	3.55E-09	37.78140187
MAPK7	NM_139034	71.69369417	6.274476225	1.36E-05	11.42624366
PARP11	NR_104461	23.91763382	0.102231596	0.003313529	233.9553979
ZFP1	NM_153688	151.6936942	0.633799825	6.50E-21	239.3400697
6-Mar	NM_001270660	111.9588169	1.970626641	4.35E-11	56.81381475
BIRC2	NM_001256166	107.3050222	1.77514118	6.61E-12	60.44872565
IQCC	NM_001160042	97.67310262	15.02200092	6.06E-06	6.502003506
NDUFS5	NM_004552	138.7335936	3.58355069	3.15E-15	38.71400339
HEXB	NM_000521	174.8159598	1.532493043	2.07E-20	114.0729222
ATP11B	NM_014616	107.0398994	0.489855221	1.21E-12	218.5133381
G3BP1	NM_005754	132.2239396	1.7506132	1.06E-14	75.53007119
CDAN1	NM_138477	145.9794085	7.874268187	1.48E-12	18.53879052
SERINC3	NM_198941	60.79536822	4.06420607	5.38E-05	14.95873171
FAM83B	NM_001010872	75.34620525	0.508763803	6.11E-09	148.096631
MRPS2	NM_016034	97.93822536	17.3181484	1.51E-05	5.655236524
FN3KRP	NR_046408	89.63191953	0.242676169	1.01E-13	369.3478421
TBC1D12	NM_015188	143.6525111	0.262672952	9.86E-19	546.887336
COL4A3	NM_000091	78.73359358	0.995014478	6.36E-09	79.12808838
C21orf88	NR_026543	46.77477667	0.182006269	5.31E-07	256.9954156
CPSF7	NM_001136040	93.81467609	3.327645626	1.06E-08	28.19250805
MAP3K7	NM_145332	49.10167405	1.583779808	0.00014887	31.0028413
DNAH14	NM_001145154	169.8970423	0.485839328	1.38E-21	349.6980019
RNASEH1	NM_001286837	101.5907364	0.699449524	2.29E-14	145.2438425
ZNF142	NR_073600	59.26383906	1.29150618	1.78E-06	45.88738328
PTGES2	NM_025072	106.5096539	8.023677415	8.40E-09	13.27441875
SSR3	NM_007107	103.6525111	3.217190484	2.17E-10	32.21833198
ATP6V1F	NM_001198909	134.8159598	12.97120371	1.11E-09	10.39348103
EIF2B2	NM_014239	83.91763382	5.521443247	1.86E-07	15.19849613
ZNF653	NM_138783	83.18147288	3.944832799	1.83E-07	21.08618466
TCEANC	NM_001297564	43.38738834	1.05057679	8.83E-05	41.29863589
SNHG1	NR_003098	165.2432475	25.17767999	2.18E-09	6.563084748
ANKRD10	NM_017664	120.7953682	5.336523652	6.60E-11	22.63559128
HS2ST1	NM_001134492	109.8970423	1.034827153	5.98E-12	106.1984525
MRPL21	NM_181514	116.4066962	4.473048127	4.95E-11	26.02402051
PTPRK	NM_002844	135.3462052	0.318530448	7.59E-15	424.9082189
MRPL12	NM_002949	129.8970423	6.906054249	2.01E-11	18.80915463
RPL9	NM_000661	142.1209819	15.47426426	1.57E-09	9.184345023
METTL21A	NM_145280	53.01930787	1.012668283	3.50E-06	52.35604666
SLC36A4	NM_152313	138.2033481	0.066730125	2.94E-23	2071.078819
TOP1	NM_003286	144.1827566	1.913882567	1.97E-14	75.33521599
HECTD2	NM_001284274	100.2651227	0.561008449	4.96E-12	178.7230174
ADAM9	NR_027638	67.83526763	1.344819826	1.41E-06	50.44190033
CAMTA2	NM_015099	135.8764507	5.70153802	2.21E-12	23.83154339
SLC27A4	NM_005094	52.22393965	1.84639005	3.12E-05	28.28434851
FAM200A	NM_145111	64.71300204	1.615242026	1.61E-07	40.06396625
CCDC127	NM_145265	118.7335936	0.33243302	8.81E-19	357.165463
CBX8	NM_020649	82.12098192	14.11781037	0.000112707	5.816835599
ZNF837	NM_138466	155.8764507	5.671434131	2.47E-15	27.48448578
MAP3K3	NM_002401	35.08108251	1.763022932	0.004159164	19.89825649
RAET1E-AS1	NR_045126	38.2033481	3.26666122	0.002342395	11.69492198
AHI1	NM_001134831	163.6525111	0.338000062	1.15E-19	484.1789384
NSRP1	NM_032141	121.8558592	1.265416159	5.21E-13	96.29706267
ATRN	NM_139322	98.2033481	0.463415538	1.66E-11	211.9120748
PTPRJ	NM_001098503	31.95881691	0.417698611	0.001027433	76.51166665
AIF1L	NM_031426	137.1428571	3.364239914	1.33E-13	40.76488617
CHRNA7	NM_001190455	160.5302455	0.689207083	1.04E-18	232.9201912
CEP76	NR_073537	95.61132799	1.596059854	5.90E-10	59.90460054
NOL12	NM_024313	116.4066962	13.51022317	2.85E-08	8.616193436
PLEKHM1	NR_027782	283.4465956	11.42634353	2.39E-23	24.80641292
AXL	NM_001699	98.73359358	4.640852316	7.91E-09	21.27488376
CEP57	NM_014679	103.6525111	1.210197743	2.71E-11	85.64923517
DNAJB6	NM_058246	80.53024548	1.526784081	7.23E-08	52.74501251

IGSF8	NM_001206665	43.1222656	1.733882573	7.83E-05	24.87034951
RBBP5	NM_001193273	147.3050222	0.193374081	1.58E-22	761.7619758
GRAMD1A	NM_001136199	60.79536822	5.129803632	6.20E-05	11.85140262
SNUPN	NM_001042588	49.10167405	3.393947878	0.000135333	14.46742137
PAOX	NR_109764	29.63191953	0.340904502	0.000250304	86.9214673
ATG101	NM_001098673	120.5302455	2.888350118	3.65E-13	41.72979056
PARN	NM_001134477	181.060491	0.762728622	2.73E-20	237.385206
ASNS	NM_183356	109.3667968	2.087047654	2.62E-12	52.40263516
CTPS1	NR_125440	160.5302455	5.651989688	3.22E-14	28.40243071
LOC100131691	NR_027334	79.5289618	14.57222582	0.00019537	5.457571326
AURKB	NM_001284526	164.1827566	11.51076214	3.92E-13	14.26341319
C2orf76	NM_001017927	90.42728775	0.639895308	2.29E-11	141.3157538
PHF12	NM_001033561	63.65251108	2.008255996	3.96E-06	31.69541692
UTP3	NM_020368	95.61132799	9.000368024	9.87E-07	10.62304649
ZDHHC2	NM_016353	54.81595977	0.587409969	1.34E-06	93.31806179
KIAA0100	NM_014680	106.7747767	3.448178854	7.63E-10	30.96555637
CCNB1IP1	NM_182852	60.79536822	2.328300149	4.32E-06	26.11148234
TMEM165	NR_073070	124.9781248	2.266897333	1.02E-13	55.13179753
RPLP1	NM_001003	184.4478793	28.70028984	6.21E-10	6.426690474
RPTOR	NM_020761	67.30502215	0.70402875	1.72E-07	95.59982057
TRMT5	NM_020810	126.5096539	1.712775399	1.38E-15	73.86237216
HAPI	NM_177977	206.2445312	2.998593129	6.47E-24	68.78043213
HNRNPAB	NM_004499	178.7335936	21.65186087	9.63E-12	8.254883711
SLC22A4	NM_003059	44.97812478	1.339694579	0.00022077	33.57341703
SNHG7	NR_024543	210.162165	33.23420867	3.94E-11	6.3236699
TAF4	NM_003185	77.40797988	0.273216038	4.67E-10	283.3215081
NDUFS1	NM_001199982	69.10167405	1.247253417	3.55E-07	55.40307455
CD59	NM_203330	169.1016741	3.725802659	1.02E-16	45.3866427
SUMO1	NM_001005781	109.3667968	1.243855761	2.19E-12	87.92562626
STAG2	NM_001282418	60.26512274	0.615122095	6.87E-07	97.97261922
BBS7	NM_176824	184.4478793	0.384870036	8.43E-26	479.2471802
SNRNP200	NM_014014	143.3873883	2.272423197	8.54E-16	63.09889309
HR	NM_018411	48.83655131	4.446865989	0.000601473	10.9822404
ERICH1	NM_207332	92.22393965	1.333287984	2.45E-09	69.17030734
NUBP1	NM_001278506	155.611328	1.17611199	2.44E-19	132.309958
NSMAF	NM_003580	74.81595977	1.417403842	2.64E-07	52.7837992
SUOX	NM_001032387	129.3667968	4.317450591	2.52E-13	29.96370059
SLMO2-ATP5E	NR_037930	78.46847084	10.98809552	2.77E-05	7.141225767
NOTCH2NL	NM_203458	233.0193079	2.527372763	1.50E-24	92.19823498
PRDX1	NM_181696	181.3256137	10.15673987	1.62E-15	17.85273779
DBI	NM_001178017	49.36679679	7.067734561	0.001327222	6.984811946
SMARCA4	NM_001128849	54.55083703	1.211372155	3.86E-06	45.03226922
BMP8A	NM_181809	108.8365513	1.341696776	5.17E-12	81.11859048
UEVLD	NM_001040697	137.6731026	0.865241159	9.03E-16	159.1152955
BCL2L2-PABPN1	NM_001199864	121.060491	7.09579197	2.63E-10	17.06088502
SH2D4A	NM_001174160	91.95881691	1.143862099	2.70E-09	80.39327205
CTPS2	NM_175859	80.79536822	0.582244881	2.38E-09	138.7652701
MAP3K8	NM_005204	140.5302455	0.954147449	1.14E-17	147.283573
ARAP1	NM_001040118	55.08108251	1.975988852	4.08E-05	27.87519901
CHKA	NM_212469	57.14285714	1.776188915	1.97E-05	32.17161004
FICD	NM_007076	109.1016741	13.53855919	2.43E-07	8.058588251
RNF103	NM_001198951	157.9382254	2.331211945	2.27E-17	67.74940635
MARS2	NM_138395	143.6525111	12.18544585	8.39E-11	11.78885966
KAT6A	NM_001099413	54.28571429	0.537204211	2.44E-06	101.0522874
ZNF600	NM_198457	74.55083703	0.939366835	9.97E-09	79.36285831
MAP3K14-AS1	NR_110326	121.3256137	6.370106764	2.41E-10	19.04608795
RAD51D	NR_037711	78.46847084	0.961351763	3.41E-09	81.6230581
CKAP5	NM_001008938	75.87645073	1.581780702	1.91E-07	47.96900774
NDUFV3	NM_001001503	147.8352676	5.022489635	3.84E-14	29.43465858
LOC100506990	NR_040092	29.10167405	0.82123999	0.002430732	35.43626029
BSDC1	NM_001300958	91.69369417	1.781758795	7.97E-10	51.46246194
ZNF646	NM_014699	132.2239396	6.616140799	7.77E-12	19.98505529
SOD2	NM_001024465	138.2033481	4.314658678	2.61E-13	32.03111959
NUDT12	NM_001300741	109.6319195	0.633919664	2.70E-15	172.9429229

RPSA	NM_002295	164.1827566	16.55128566	3.21E-11	9.91963766
RDH11	NM_001252650	143.9176338	4.563743805	2.40E-14	31.53499407
RASGRP3	NM_001139488	24.4478793	1.196612077	0.004928917	20.43091473
PLIN3	NM_001164189	48.57142857	7.914843521	0.003199155	6.136751591
AK3	NM_016282	151.9588169	2.327329161	8.75E-17	65.29322086
MINA	NM_153182	149.6319195	2.482097637	2.22E-16	60.28446154
CCDC74A	NM_138770	64.4478793	0.833156659	3.34E-08	77.35385492
MBD3	NM_001281453	62.85714286	11.3449064	0.0005635	5.540560726
CYP4V2	NM_207352	124.713002	3.683110123	2.04E-12	33.86078555
LATS1	NM_004690	126.7747767	1.536066105	2.75E-13	82.53210993
SLC25A44	NR_104408	46.77477667	2.697948946	0.000182088	17.33716153
ABCD4	NM_005050	78.99871632	4.787187762	3.51E-07	16.50211361
TEX22	NM_001195082	103.6525111	12.7868873	5.37E-07	8.106156618
SAFB	NM_002967	104.1827566	2.690770815	2.16E-10	38.71855454
PAN2	NM_001166279	58.46847084	3.037626218	9.86E-06	19.24807947
FAM161A	NM_032180	109.3667968	1.913689892	6.61E-12	57.14969665
UBL7	NM_201265	144.1827566	2.74215804	8.60E-16	52.58003166
ADII	NM_018269	118.7335936	2.639692213	2.96E-12	44.98009011
EZR	NM_001111077	123.1222656	14.03645864	2.18E-08	8.77160463
UBL4A	NM_014235	40.26512274	5.08280714	0.004129037	7.921827767
HERC4	NM_022079	84.4478793	0.778668136	1.10E-09	108.4516951
CDC6	NM_001254	76.40669621	1.327426738	3.98E-09	57.56000993
AGRN	NM_198576	78.2033481	2.3068191	9.09E-08	33.90094529
RPP25L	NM_148179	187.0398994	27.61315758	1.61E-09	6.773578824
SNX1	NM_003099	65.97940845	2.027638331	2.04E-06	32.54002819
RAPGEF6	NM_016340	138.4684708	0.35976421	2.65E-16	384.8867318
NUSAP1	NM_001243144	52.22393965	1.475626543	5.61E-05	35.39102755
PAK4	NM_005884	109.3667968	0.648148687	6.37E-14	168.7372033
ERVMER34-1	NM_001242690	147.0398994	4.476753109	1.20E-14	32.84521077
ZNF711	NM_021998	27.30502215	0.149680655	0.000250304	182.4218517
ZCWPW1	NM_017984	139.5289618	1.267704928	6.40E-17	110.0642261
RPS6KA5	NM_004755	84.4478793	0.050031685	6.53E-13	1687.887959
PSMG4	NM_001128592	132.2239396	7.101604802	1.06E-11	18.61888169
MFGE8	NM_001114614	161.5907364	8.353708396	3.10E-14	19.34359314
ACBD3	NM_022735	110.162165	0.555287144	8.55E-14	198.3877464
NTHL1	NM_002528	56.14157347	6.00399332	0.000231852	9.350705517
CDCA7L	NM_001127371	227.8352676	1.810243488	2.29E-26	125.8589075
FOXM1	NM_001243088	34.81595977	1.79593061	0.002576274	19.38602726
EP300	NM_001429	81.06049096	1.400781984	7.23E-08	57.86802794
RNF216	NM_207116	70.16216501	1.634640211	1.01E-06	42.92208435
TMEM184A	NM_001097620	93.01930787	8.537651112	5.02E-07	10.89518729
TIFA	NM_052864	135.611328	3.046287602	2.32E-14	44.51691557
VPS26A	NM_001035260	86.24453119	1.531745288	8.00E-09	56.30474717
PRPSAP1	NM_002766	97.7323099	1.54912068	2.89E-10	63.08889368
DNM2	NM_004945	112.7541851	3.316501476	1.08E-10	33.99793003
PPM1B	NM_002706	131.4285714	1.481930765	5.83E-14	88.68738981
RWDD3	NR_103484	151.6936942	0.86633396	1.44E-20	175.0984046
EIF4ENIF1	NM_019843	41.3256137	2.199316469	0.00109141	18.79020791
RPAP3	NM_001146076	129.8970423	0.267996344	2.66E-19	484.6970687
FAM219A	NM_001184943	52.48906239	0.684876294	3.23E-06	76.64020915
IRS2	NM_003749	34.28571429	2.159858038	0.003555657	15.87405917
KDELR1	NM_006801	114.550837	4.549847623	3.57E-11	25.1768513
ATF7IP2	NR_045816	73.54955335	0.040044558	3.61E-12	1836.692869
SH3TC2	NM_024577	47.03989941	0.988711715	2.76E-05	47.57696171
HIST1H2BK	NM_080593	57.93822536	1.609197634	9.01E-07	36.00441868
JMJD4	NM_023007	221.5907364	18.23715769	1.79E-16	12.15050833
ZWINT	NM_001005413	63.65251108	1.332876481	9.58E-08	47.75574632
CYP20A1	NM_177538	36.67181894	3.413889727	0.002421489	10.74194596
NARF	NM_012336	112.2831469	0.620792685	2.69E-14	180.8706025
CDKN2AIPNL	NM_080656	126.7747767	6.309707135	4.13E-11	20.09202233
EIF3K	NM_001300992	55.87645073	5.36493492	9.73E-05	10.41512182
MSH4	NM_002440	80.79536822	0.178789095	1.07E-10	451.9032231
SH3RF1	NM_020870	90.42728775	1.795123697	1.03E-08	50.37384773
VAX2	NM_012476	115.3462052	1.889693772	1.91E-12	61.03962821

DEPDC5	NM_001242897	101.5907364	1.721916647	5.99E-10	58.99863773
PRODH	NM_001195226	78.73359358	2.859130243	3.11E-08	27.53760301
DDX31	NM_022779	106.7747767	2.560841176	2.16E-10	41.69519675
LOC730101	NR_024403	113.5495533	4.881500653	1.16E-10	23.26119802
ACADVL	NM_001033859	111.9588169	27.21454167	4.50E-05	4.113933583
SWI5	NM_001040011	127.3050222	7.022547015	6.66E-11	18.12804128
MCU	NM_001270679	104.1827566	0.754982447	1.74E-11	137.9936142
LOC102723354	NR_110546	69.63191953	2.687181133	2.04E-07	25.91262594
DHCR24	NM_014762	135.3462052	2.367434806	2.31E-14	57.169982
TRIM36	NM_001300759	169.6319195	0.866131101	1.29E-20	195.8501655
IFT74	NM_001099223	101.5907364	0.526276486	2.51E-12	193.0368147
LOC158960	NR_103768	28.83655131	1.136197784	0.002055408	25.37986935
TMCC1-AS1	NR_037893	50.42728775	1.998166953	2.22E-05	25.23677397
TPI1	NM_001159287	149.1016741	35.56492279	2.50E-06	4.192380086
LRP11	NM_032832	164.4478793	2.180756714	6.19E-18	75.40863143
PTPN13	NM_080684	170.9575332	0.679455154	2.89E-19	251.609738
MAD2L2	NM_006341	94.81595977	9.022733118	6.33E-07	10.50856304
TARS	NR_047678	36.93694168	1.714361266	0.001495598	21.54559976
NSUN2	NM_001193455	94.28571429	2.547781894	1.07E-09	37.00698027
DUSP10	NR_111940	52.22393965	0.750054741	2.14E-06	69.6268376
TMEM219	NM_194280	100.7953682	2.962505432	1.40E-10	34.0236906
ZMYM6NB	NM_001195156	132.7541851	9.032806395	8.97E-11	14.69689256
MTMR14	NM_001077526	80.79536822	0.916898616	1.62E-08	88.11810467
F11R	NM_016946	45.24324752	4.045686008	0.001349562	11.18308426
IKBKB	NR_040009	63.38738834	1.315561422	3.48E-06	48.18276615
TBC1D31	NM_145647	154.6100443	0.512537031	6.36E-20	301.6563391
TOPORS	NM_001195622	104.1827566	1.388508664	3.00E-13	75.03212568
ZWILCH	NM_001287823	83.1222656	1.481939965	1.35E-08	56.0901707
PTPLAD1	NM_016395	115.3462052	1.73291893	4.42E-12	66.56180116
PARK7	NM_007262	146.7747767	1.783730139	2.85E-17	82.28530397
TIMM23	NM_006327	81.3256137	3.801916329	5.33E-07	21.39069003
PPP1R35	NM_145030	115.611328	22.8279343	8.15E-05	5.064467351
LOC100996437	NR_110037	152.2239396	3.302188197	1.62E-16	46.0978995
MAPK8IP3	NM_001040439	109.1016741	2.406593862	7.59E-11	45.33447699
HSPB8	NM_014365	43.38738834	1.213709379	0.000148446	35.74775731
PPFIBP1	NM_177444	135.3462052	1.792807897	3.99E-13	75.49398095
LINC00933	NR_038274	46.77477667	0.805270418	1.21E-05	58.08580026
PTP4A1	NM_003463	67.03989941	15.06995802	0.002385317	4.448579043
ASB3	NM_016115	112.2239396	1.156966412	2.94E-11	96.9984422
TM2D2	NM_001024380	121.3256137	5.897294058	6.46E-11	20.57309887
LOC100506127	NM_001282456	124.713002	2.117897424	4.87E-14	58.88528908
RPS20	NM_001146227	172.7541851	19.67407676	4.23E-11	8.780802637
H1FX-AS1	NR_026991	132.4890624	1.68353111	5.72E-17	78.6971275
SPTLC1	NM_006415	97.93822536	1.873894821	1.36E-09	52.26452642
KCNK1	NM_002245	51.69369417	0.648871038	2.95E-06	79.66713132
RBMX	NM_001164803	157.9382254	6.598864485	1.92E-14	23.93415196
DHRS12	NM_001031719	152.7541851	4.377152249	1.51E-14	34.89807446
LINC00511	NR_033876	44.4478793	2.909184329	0.000298997	15.27846787
RUFY1	NM_025158	157.4079799	4.630356989	1.71E-14	33.99478274
APOO	NR_026545	57.14285714	0.489632221	5.15E-07	116.7056716
DHX35	NM_001190809	69.89704227	1.32091415	1.05E-06	52.91565865
NSUN4	NR_045790	77.93822536	4.647336345	1.03E-06	16.77051532
CSPP1	NM_024790	135.8764507	1.031942213	1.89E-15	131.6706004
NME1	NM_000269	233.5495533	7.891918126	1.44E-22	29.59350941
LEO1	NM_001286430	109.1016741	2.518304741	2.22E-11	43.32345974
RNF8	NM_183078	131.9588169	0.806707682	7.36E-16	163.5769931
LOC101928580	NR_120556	49.36679679	1.602255715	3.19E-05	30.81081023
EFTUD1	NM_001040610	107.0398994	0.195376354	4.61E-14	547.8651712
EXOC1	NM_001024924	84.4478793	0.818720217	1.38E-10	103.1462
METTTL7B	NM_152637	58.73359358	12.68529944	0.002515788	4.630051807
CCDC43	NM_144609	106.5096539	1.954269864	7.82E-12	54.50099595
AGAP2	NM_014770	75.34620525	7.889346362	1.20E-05	9.550373603
C1orf43	NM_001098616	66.50965393	5.005304574	9.55E-06	13.28783353
SMARCAD1	NM_001128429	91.95881691	0.761736994	7.22E-11	120.7225297

KAT2A	NM_021078	71.95881691	3.178586181	3.65E-07	22.63862384
ANO10	NM_018075	94.28571429	0.136102075	5.76E-12	692.7573618
C11orf65	NM_152587	84.18275656	0.26433252	4.79E-11	318.4729467
TERF1	NM_017489	144.1827566	0.294528483	2.09E-20	489.537565
TMEM161B	NM_001289008	93.28443061	0.589633223	1.11E-11	158.2075552
ARPC1B	NM_005720	166.7747767	10.75964086	5.00E-13	15.50003192
FAM160A2	NM_032127	81.85585918	1.77318806	4.99E-09	46.16310081
DPYSL5	NM_001253723	69.36679679	0.012378637	1.99E-12	5603.750924
ELP5	NM_203413	90.95753323	20.34566021	0.00012875	4.470611044
TBCC	NM_003192	109.3667968	11.60760982	6.07E-07	9.42199113
FAM86B1	NR_003494	89.10167405	2.780093483	4.76E-09	32.04988415
XBP1	NM_005080	183.3873883	12.91196839	1.99E-14	14.20289942
IL27RA	NM_004843	89.89704227	1.690405471	5.92E-10	53.18075681
FKBP9	NM_007270	165.5083703	2.394242211	1.31E-17	69.12766366
PRPF6	NM_012469	59.26383906	0.904630349	3.34E-07	65.51166358
EIF5	NM_001969	115.0810825	15.59477947	5.34E-07	7.379462
FECH	NM_000140	92.22393965	0.784532485	2.08E-10	117.5527354
ZBTB37	NM_001122770	86.77477667	1.444920277	5.74E-10	60.05506192
POLDIP2	NM_001290145	115.611328	7.215070491	1.77E-09	16.02358953
CCNI	NM_006835	55.87645073	4.282930084	0.00011137	13.046314
NOTCH1	NM_017617	35.08108251	1.593920074	0.003718699	22.00931093
PPP1R21	NM_001135629	143.6525111	0.997971012	1.09E-15	143.9445729
FAM110A	NM_001289147	86.50965393	11.86760924	1.61E-05	7.289560364
ORC6	NR_037620	101.060491	3.174163246	7.54E-11	31.83846675
ZKSCAN3	NM_001242895	81.3256137	3.705083076	2.67E-07	21.94974095
FASTKD3	NR_036553	72.48906239	1.156085553	4.41E-09	62.7021609
ZNF451	NM_001257273	107.0398994	4.374784505	4.89E-10	24.46746789
LOC643770	NR_038383	71.69369417	2.520333598	1.60E-07	28.44611294
FAM45A	NM_207009	269.6319195	1.779655409	8.12E-32	151.5079369
ZDBF2	NM_001285549	35.08108251	0.589672514	0.000257125	59.49248386
ATXN7L1	NM_020725	106.5096539	1.08298773	2.01E-11	98.34797849
KIZ	NM_001163022	106.7747767	0.442598724	7.03E-13	241.2451074
SAC3D1	NM_013299	86.77477667	20.96856988	0.000490229	4.138325941
GMPR	NM_006877	57.93822536	1.628488204	1.64E-05	35.57792143
RBM23	NM_018107	105.7142857	3.402258617	2.20E-10	31.07179601
KIAA0226	NM_014687	92.75418513	0.628638339	2.29E-11	147.54777
MPV17L2	NM_032683	76.14157347	17.36213112	0.000775655	4.385496972
EDRF1	NR_110859	90.16216501	1.444639088	1.25E-09	62.41155025
DNA2	NR_102264	30.16216501	0.987893537	0.000989936	30.53179709
TCTN1	NM_024549	120.7953682	0.37601811	2.46E-16	321.2488044
FASN	NM_004104	215.8764507	5.459484636	1.15E-21	39.54154378
GNE	NM_005476	75.87645073	2.211704506	1.13E-07	34.30677584
PRRG1	NM_000950	100	0.233371919	2.60E-13	428.5005679
ZNF322	NM_001242798	114.0797988	1.311516844	1.70E-13	86.98309848
CEP70	NM_001288966	118.7335936	0.149149123	1.46E-17	796.073023
ARFIP1	NM_001025593	75.87645073	0.691964245	7.47E-09	109.6537159
UGP2	NM_001001521	86.50965393	2.615440775	1.89E-08	33.07651038
ASB6	NM_001202403	78.2033481	18.85766236	0.00158932	4.147033
RFX2	NM_000635	63.38738834	0.958913442	4.03E-07	66.10334735
TFEB	NM_007162	51.95881691	2.588703953	7.99E-05	20.07136306
TSGA10	NM_025244	89.63191953	1.76671018	1.86E-08	50.73379922
FITM2	NM_001080472	87.03989941	4.312101406	7.89E-08	20.18503074
CEBPA	NM_004364	226.2445312	19.14085959	6.72E-16	11.81997758
KLF5	NM_001730	85.97940845	6.09121456	7.22E-07	14.11531438
SMDT1	NM_033318	126.7747767	5.105526864	3.38E-12	24.83089014
ABHD6	NM_020676	106.5096539	1.418356432	4.36E-11	75.09371516
TEX264	NR_103463	93.28443061	2.460655218	9.25E-10	37.91040286
FOXRED2	NM_001102371	118.4684708	0.27185714	6.94E-18	435.7747267
PYGO2	NM_138300	155.611328	9.876754889	6.45E-13	15.75530928
ZFAND1	NR_033193	167.0398994	1.91963098	4.27E-19	87.01667205
CDNF	NM_001029954	140.2651227	1.566754328	2.18E-17	89.52592009
SPNS1	NM_001142448	60.79536822	0.993722575	1.40E-07	61.17941742
C10orf88	NM_024942	100.7953682	1.088344293	5.19E-12	92.6134945
ILVBL	NM_006844	67.30502215	3.238366481	1.59E-06	20.78363352

BCAS2	NM_005872	116.4066962	0.383786686	6.94E-18	303.3109287
UBE2K	NM_001111112	152.7541851	2.505937034	3.24E-15	60.95691274
NSUN5	NM_001168347	49.36679679	3.244049774	0.000174979	15.21764468
BCKDK	NM_001271926	97.67310262	15.01329992	4.74E-06	6.505771756
LUC7L3	NM_006107	193.8146761	4.152303986	1.73E-19	46.6764179
UPK3A	NM_006953	64.18275656	3.149283418	7.26E-06	20.38011447
SMAD5	NM_005903	177.6731026	0.663486577	2.25E-22	267.7870343
RPS13	NM_001017	112.7541851	8.414253672	9.64E-09	13.40037863
MRE11A	NM_005590	49.89704227	0.93867659	1.21E-05	53.15679841
FAM154B	NM_001008226	52.75418513	1.778387604	3.21E-05	29.66405356
RTF1	NM_015138	175.0810825	2.543805345	5.10E-18	68.82644652
TOR1AIP2	NM_022347	98.46847084	1.959739257	4.80E-11	50.24570004
PXYLP1	NM_152282	100.2651227	1.669548735	3.49E-10	60.0552237
LNPEP	NM_005575	102.6512274	0.847379793	5.01E-12	121.1395743
ISCA2	NM_001272007	120.7953682	6.892941383	1.51E-09	17.52450246
IP6K1	NM_153273	69.89704227	0.345295468	4.75E-09	202.4267582
FUT11	NM_173540	141.060491	20.30318388	3.98E-08	6.947702969
ELFN1-AS1	NR_120510	111.6936942	3.547366046	2.01E-11	31.48637404
ACP6	NM_016361	149.1016741	1.858503795	1.34E-17	80.22672562
UHRF1BP1	NM_017754	175.0810825	0.872193524	1.25E-19	200.7365083
ADAMTSL4	NM_025008	45.97940845	4.659105457	0.000810875	9.868720268
HGH1	NM_016458	347.3050222	48.57145529	1.12E-18	7.150393581
FAM134C	NM_178126	130.162165	1.613739816	4.64E-15	80.65870576
OGFR	NM_007346	54.55083703	8.968914915	0.002154517	6.082211454
ARHGEF10L	NM_018125	40.79536822	0.872563604	0.000148978	46.75346078
PHACTR2	NM_001100164	115.3462052	0.780366069	5.85E-13	147.8103801
MRPL35	NM_016622	55.87645073	2.189718147	4.57E-06	25.51764518
LEPROTL1	NM_015344	86.77477667	1.053104696	5.08E-11	82.39900267
RAB24	NR_109790	61.3256137	8.457039772	0.0004102	7.251427846
MTPN	NM_145808	109.6319195	0.915220003	3.63E-12	119.7875037
PITPNM1	NM_004910	131.9588169	5.057886025	1.97E-12	26.08971737
BPNT1	NM_001286150	83.91763382	1.172091114	4.13E-09	71.59651054
ZNF589	NM_016089	150.162165	1.562379722	8.01E-18	96.11118405
ST7	NM_018412	38.99871632	0.795947275	0.000166358	48.9966076
NAE1	NM_001286500	149.6319195	2.006108975	5.57E-17	74.58813126
GATS	NM_178831	38.2033481	2.049030981	0.002249652	18.64459271
PAICS	NM_001079525	95.87645073	4.473976761	7.47E-09	21.42980526
RAB4B-EGLN2	NR_037791	78.46847084	5.548211044	1.42E-06	14.143022
HEBP1	NM_015987	112.4890624	2.606968106	5.19E-12	43.1493819
UBE2J2	NM_194315	49.36679679	5.384125725	0.000724327	9.168953199
UBE2A	NM_003336	78.2033481	3.416561766	1.33E-07	22.88948758
NIT2	NM_020202	123.9176338	3.573540323	3.46E-12	34.67643362
DUSP4	NM_001394	169.1016741	11.33038037	2.13E-13	14.92462464
C12orf49	NM_024738	155.8764507	0.189894493	2.71E-25	820.8581964
BTAF1	NM_003972	75.34620525	0.802813035	1.46E-08	93.85274273
U2AF2	NM_007279	130.162165	7.588563735	2.13E-11	17.15241112
TSC22D1	NM_006022	136.1415735	28.91488006	1.98E-06	4.708356846
KNOP1	NM_001012991	89.63191953	4.711702825	1.07E-07	19.02325398
PLBD2	NM_001159727	136.1415735	1.17547192	1.84E-16	115.8186522
HIRIP3	NM_003609	98.2033481	24.14310914	0.000342054	4.067551843
PCYOX1L	NM_001301054	123.6525111	8.345816045	3.48E-10	14.8161079
TRAPPC3	NR_073097	136.9369417	3.611015225	8.13E-14	37.92200618
SLC35C2	NM_001281460	131.4285714	4.331716054	1.56E-12	30.34099414
SMIM11	NM_058182	78.99871632	3.021444762	9.19E-08	26.14600714
USP39	NM_001256726	113.0193079	1.746230316	1.44E-12	64.72187936
LINC00910	NR_027412	155.7606562	4.633351227	5.08E-15	33.61727799
PXK	NM_001289100	51.42857143	0.928461927	6.47E-06	55.39114738
ELF2	NM_001276458	111.9588169	3.47360798	1.32E-10	32.23127582
FNDC3B	NM_022763	110.4272878	1.072418214	6.42E-12	102.9703583
TUBB3	NM_006086	281.3256137	6.622394817	2.32E-28	42.48094858
NFE2	NM_001136023	43.91763382	1.090791883	4.96E-05	40.26215677
SREK1	NM_139168	34.81595977	0.021516721	5.15E-06	1618.088571
RBMS1	NM_002897	52.48906239	1.024237306	1.02E-05	51.24697382
ABCA2	NM_001606	54.28571429	1.161961528	7.28E-06	46.71902898

TUBGCP2	NM_001256618	95.08108251	0.182202208	5.00E-15	521.8437452
IQGAP1	NM_003870	94.55083703	0.964646132	1.02E-10	98.01608473
APBA3	NM_004886	127.3050222	3.737015886	5.34E-13	34.06595692
ARRDC3	NM_020801	96.40669621	9.914507702	3.27E-07	9.723800627
ZFX	NM_001178085	31.42857143	0.197128257	0.000358374	159.4320973
ABHD12	NM_001042472	69.89704227	1.768150885	1.51E-06	39.5311525
WDR4	NR_048535	112.7541851	4.111068461	2.51E-10	27.42697822
ZNF107	NM_001013746	83.1222656	0.676589048	1.41E-10	122.8548789
MTRF1L	NM_001114184	101.3256137	5.591800005	1.46E-08	18.12039301
PMS1	NR_110332	224.1827566	0.870873642	1.23E-25	257.422829
SLC35D2	NR_104627	32.22393965	1.21117688	0.00112734	26.60547784
PRDM11	NM_001256696	142.1209819	1.816112314	1.02E-14	78.25561273
NIT1	NM_001185093	94.81595977	14.26680785	1.12E-05	6.64591272
PLEKHJ1	NM_018049	69.63191953	15.53043	0.001390586	4.483579625
TCTN3	NM_001143973	46.30373848	2.1952208	0.000222794	21.09297547
CEP95	NM_138363	121.8558592	5.624039361	2.72E-11	21.66696414
NBN	NM_002485	170.4272878	0.073860789	2.17E-29	2307.412231
CXorf40A	NM_001171907	35.34620525	0.594644424	0.000279437	59.44090922
DST	NM_001144769	67.30502215	0.74398659	1.86E-07	90.46537004
KANSL1-AS1	NR_034172	161.5907364	23.02844633	1.30E-09	7.017005582
BAX	NM_001291431	89.63191953	9.607394698	2.99E-06	9.329471969
ASHIL	NM_018489	41.06049096	0.837434897	0.00016159	49.03126335
BARD1	NR_104212	95.34620525	0.297175475	1.73E-12	320.8414334
FAM127B	NM_001134321	100.2651227	15.48552884	3.52E-05	6.474762584
SOCS2	NM_001270467	81.06049096	17.73356405	0.000331249	4.571020847
JADE1	NM_001287443	78.2033481	1.903590513	1.45E-07	41.08202241
PCMT1	NM_001252051	122.1209819	0.791930942	6.60E-14	154.2066049
GALNT11	NM_022087	154.550837	1.386056995	4.39E-16	111.5039552
UBLCP1	NM_145049	155.611328	3.000181451	3.75E-16	51.86730554
SP2	NM_003110	84.97812478	5.328141872	2.00E-07	15.94892306
HDHD1	NM_001178135	54.55083703	0.824523057	2.71E-06	66.16047494
MAPKBP1	NM_001265611	96.93694168	2.727991306	1.22E-09	35.53418277
RACGAP1	NM_001126104	54.81595977	2.353156432	3.14E-05	23.29465182
LOC100499484-C9ORF174	NR_036529	144.1827566	0.065055477	2.06E-22	2216.304673
SACS	NM_001278055	155.3462052	0.812268067	1.05E-18	191.2499229
AFAP1	NM_001134647	110.6924105	1.885622868	9.96E-11	58.70336659
DYNLL1	NM_001037495	160.7953682	14.89287479	2.88E-11	10.7967985
LOC102288414	NR_104414	166.2445312	9.724924694	9.91E-14	17.09468571
AMZ2	NM_001289056	153.5495533	10.80278052	3.88E-12	14.21389179
FKBP3	NM_002013	147.0398994	6.808742535	3.80E-13	21.59574968
MPP6	NM_016447	63.38738834	0.280677712	7.57E-08	225.8369142
FASTKD2	NM_001136193	40.79536822	1.432953527	0.000713179	28.46942866
CRBN	NM_001173482	66.77477667	0.294645449	1.15E-09	226.6275517
PHLDB1	NM_001144758	105.9794085	6.753111658	2.23E-08	15.69341865
CLASP1	NM_001142273	87.30502215	0.956475626	1.32E-09	91.27783273
NDUFS8	NM_002496	81.06049096	8.373506889	3.65E-06	9.680590467
FAM160B2	NM_022749	49.63191953	5.641578519	0.0006497	8.797523488
BLCAP	NM_006698	129.1016741	3.24409194	2.19E-13	39.79593564
EIF3J-AS1	NR_034170	180.7953682	16.03842053	2.11E-12	11.27264171
KDEL2	NM_006854	169.1016741	5.526950225	1.09E-15	30.59583806
PLCXD2	NM_153268	129.6319195	1.509357938	1.25E-12	85.88547243
TAF6L	NM_006473	86.24453119	10.52883039	4.74E-06	8.191273677
C1orf210	NM_001164829	52.48906239	1.56259664	5.91E-06	33.59092234
GOT2	NM_002080	153.8146761	1.620057805	2.58E-18	94.94394311
RAB1A	NM_004161	60.53024548	2.663011852	9.51E-06	22.72999478
MRRF	NM_138777	143.9176338	1.692975704	3.32E-15	85.00868236
MKRN2OS	NM_001195279	37.40797988	0.536392627	6.63E-05	69.73992181
PPOX	NM_000309	61.06049096	7.575606361	0.000291136	8.06014569
TRMT2A	NM_022727	80.79536822	13.97160665	8.09E-05	5.782825859
TRPC1	NM_003304	66.50965393	1.451822842	2.46E-06	45.81113618
ATPAF2	NM_145691	57.40797988	1.422920682	4.57E-06	40.34517216
MRPS35	NM_001190864	107.0398994	0.330138947	3.72E-15	324.2268158
PMS2L2	NR_003614	152.7541851	0.149448518	1.87E-25	1022.119105
CENPU	NR_104593	51.69369417	0.307512889	4.04E-07	168.1025285

EIF4H	NM_022170	120.2651227	2.308603545	1.94E-13	52.09431607
TMEM194A	NM_015257	78.73359358	1.44760248	6.68E-09	54.38896013
CHMP1B	NM_020412	108.1003904	8.485906826	1.60E-08	12.7388142
ANGEL2	NM_144567	78.46847084	3.0417986	7.34E-08	25.79673449
GCFC2	NM_003203	148.1003904	0.930250656	1.72E-17	159.2048222
ADH5	NM_000671	120.7953682	2.247546024	7.14E-13	53.74544812
UBE2C	NM_001281742	70.69241049	8.841678558	6.81E-05	7.995360839
PGAM5	NM_001170543	75.08108251	5.940138196	5.94E-06	12.63961882
RAI14	NM_001145522	100.7953682	0.17309291	5.34E-13	582.3194508
KANSL1L	NM_152519	60.79536822	0.926511999	9.81E-07	65.61746454
PDCD6IP	NM_001162429	192.4890624	0.21751957	6.11E-29	884.9275585
ARFGAP3	NM_014570	89.63191953	2.613679396	1.14E-08	34.29338719
LAMC2	NM_018891	61.3256137	1.554241444	7.56E-06	39.45694149
STAT3	NM_139276	106.5096539	0.708834257	7.03E-13	150.2603082
LUC7L2	NM_001270643	87.30502215	1.643596958	6.67E-09	53.11826706
MPZL2	NM_144765	67.57014489	4.100988984	1.25E-06	16.47654874
TOM1L1	NM_005486	116.4066962	3.438365978	1.47E-11	33.85523732
ZNF385A	NM_001130968	49.36679679	7.619442635	0.002981989	6.479056167
ARMC8	NM_001267042	107.3050222	1.582881563	9.28E-11	67.79093562
GSN	NM_001127666	135.0810825	4.622655461	4.22E-12	29.22153374
ZNF791	NM_153358	106.5096539	2.504973858	9.57E-11	42.51926765
LOC101927021	NR_110068	153.0193079	1.902396836	3.22E-19	80.43500965
BCS1L	NM_001257342	95.08108251	18.03765537	7.10E-05	5.27125508
ERCC1	NM_001983	124.1827566	11.21523915	6.46E-09	11.07268021
ESRP1	NM_001034915	50.69241049	1.922579427	7.89E-05	26.36687451
TSC22D4	NM_030935	144.1827566	6.214627328	1.47E-13	23.20054751
LCMT1	NM_016309	67.83526763	2.062940513	1.35E-06	32.88280356
EIF4E2	NM_004846	183.3873883	4.412666078	2.96E-18	41.55931699
C10orf32-ASMT	NR_037644	102.1209819	0.915808085	1.57E-11	111.5091509
ARG2	NM_001172	54.07979883	3.924603336	0.000217217	13.77968528
MCCC1	NR_120640	35.34620525	0.333913471	0.000302387	105.8543855
TYRO3	NM_006293	57.67310262	4.713888906	9.73E-05	12.23471825
KRR1	NM_007043	54.34492157	1.091289084	3.08E-06	49.79883184
AKR1A1	NM_006066	99.5289618	5.897179103	2.40E-08	16.87738494
DHDDS	NM_024887	89.89704227	2.643865424	6.48E-09	34.00212487
LRRFIP1	NM_001137552	86.24453119	2.521889208	2.69E-08	34.19838228
MTF2	NM_001164393	78.46847084	2.144834304	1.55E-07	36.58486378
GDPGP1	NM_001013657	146.5096539	2.91413244	9.68E-17	50.27556467
THYN1	NM_014174	38.99871632	4.656193579	0.001941519	8.375664728
NDUFAB1	NM_005003	124.1827566	4.441519926	2.01E-11	27.95951805
TMEM169	NM_001142311	64.4478793	2.184763988	7.87E-07	29.49878323
SSR4	NM_001204527	74.81595977	7.988048938	2.77E-05	9.365986656
ASCC1	NM_001198800	113.5495533	1.39686372	2.10E-11	81.2889273
BCLAF1	NM_001301038	110.6924105	3.442182566	2.08E-10	32.15762336
ANXA6	NM_001155	121.3256137	2.214381611	2.85E-12	54.78983979
CD58	NR_026665	113.5495533	1.875081133	8.30E-12	60.55714142
ARMCX5	NM_001168485	57.93822536	2.651597245	5.52E-06	21.85031134
TMX1	NM_030755	146.2445312	1.145235079	3.22E-19	127.6982638
RPL28	NM_001136136	161.5907364	33.35229225	2.58E-06	4.844966434
HSCB	NM_172002	123.9176338	5.043513082	2.99E-11	24.56970603
NFKBID	NM_139239	193.2844306	9.062132127	4.28E-17	21.32880297
HNRNPU	NM_004501	144.713002	8.057258364	1.81E-12	17.9605761
ST13	NM_001278589	38.73359358	2.488574852	0.000975331	15.56456843
C1orf174	NM_207356	95.08108251	0.374133026	2.55E-14	254.1371005
CCT6P1	NR_003110	100.2651227	5.563927721	9.07E-09	18.02056529
FAM217B	NM_001190827	201.060491	5.295935894	1.72E-20	37.96505377
PDCD2	NM_001199461	135.611328	10.46918556	3.75E-10	12.95337896
DAPK1	NM_001288730	76.67181894	0.051685808	3.25E-11	1483.421127
IFIT5	NM_012420	73.01930787	8.539613893	1.69E-05	8.550656831
HERPUD1	NM_001010989	184.1827566	3.194903436	1.75E-20	57.64892751
HINFP	NM_198971	77.93822536	2.174637472	1.13E-08	35.83964057
ODF2	NM_002540	66.77477667	2.038093588	1.95E-06	32.76335153
H2AFV	NM_012412	128.6306359	0.334511714	7.74E-20	384.5325307
LOC493754	NR_111973	112.4890624	2.968024592	4.86E-11	37.90031345

RNF14	NM_004290	63.91763382	5.772896028	3.09E-05	11.07202234
TFRC	NM_003234	141.5907364	5.009167075	1.76E-13	28.26632339
FBXL2	NM_012157	78.99871632	0.244263131	2.34E-10	323.4164567
CSTB	NM_000100	180.5302455	15.78483199	1.15E-12	11.43694438
INTS8	NR_073445	128.6306359	2.663742047	4.75E-13	48.28944905
TOR3A	NM_022371	101.8558592	6.075057285	6.77E-09	16.76623847
EMID1	NM_001267895	57.93822536	1.891463779	1.75E-05	30.63142208
CAPN2	NM_001748	78.2033481	6.258061867	2.24E-06	12.49641659
C16orf13	NR_109976	88.57142857	5.006899614	1.70E-07	17.68987505
SCAMP3	NM_052837	75.34620525	6.098567114	2.18E-06	12.35473905
ATL2	NR_024191	123.1222656	0.907804448	3.16E-13	135.6264181
COA1	NM_018224	107.0398994	1.364216719	1.07E-10	78.46253306
SRP72	NM_001267722	59.26383906	2.086133905	6.76E-06	28.408454
COX18	NM_001297733	163.6525111	3.222142827	4.53E-18	50.78996179
FAM13B	NM_001101801	183.3873883	1.847190222	6.44E-19	99.27910304
ANLN	NM_001284301	115.3462052	0.356551168	1.47E-15	323.5053351
DYNLRB1	NM_001281728	144.4478793	2.93070445	5.28E-15	49.28776741
SNX9	NM_016224	85.97940845	0.545723793	4.07E-10	157.551145
SDF2	NM_006923	103.9176338	3.311192696	1.89E-10	31.383747
RMDN1	NM_016033	152.4890624	2.794363289	3.42E-16	54.57023536
ETV3	NM_001145312	101.3256137	1.645944931	3.11E-12	61.56075565
SLC25A38	NM_017875	110.4272878	8.910137899	9.61E-09	12.39344318
PSME4	NM_014614	69.10167405	0.655211496	5.32E-08	105.464685
OR51B5	NM_001005567	121.3256137	7.631473804	1.88E-09	15.89805807
TRIM21	NM_003141	92.75418513	1.636442412	1.00E-10	56.6803845
LFNG	NM_001040168	45.71428571	6.839107877	0.00370824	6.684246913
DDX39A	NR_046366	89.89704227	11.46312312	6.95E-06	7.842281839
TBCCD1	NM_018138	187.3050222	1.614257196	1.12E-22	116.0317096
REEP1	NM_001164731	65.97940845	0.056360844	5.49E-10	1170.660397
ZAK	NM_016653	62.38610466	0.463087251	3.28E-07	134.7178194
BLOC1S2	NM_001282439	192.4890624	4.596696047	3.91E-20	41.87552547
ZNF823	NM_001080493	98.73359358	0.062750917	7.35E-17	1573.420724
AFMID	NR_027083	127.8352676	9.507982424	4.42E-10	13.44504669
SGMS1	NM_147156	74.07979883	0.530255114	3.03E-08	139.7059584
DAP	NM_001291963	97.93822536	2.166770882	1.58E-09	45.20008377
PPP2R5E	NM_006246	72.75418513	0.71669526	4.70E-08	101.5134175
EPB41	NM_203343	109.8970423	0.369218045	1.27E-12	297.6480802
PSMC2	NM_001204453	69.63191953	3.172504203	2.69E-06	21.94856652
ZNF410	NM_001242928	96.67181894	1.101403032	1.33E-10	87.7715206
PLEKHH1	NM_020715	81.06049096	2.178543995	7.23E-08	37.20856276
PRKCD	NM_006254	40.53024548	0.519066767	2.98E-05	78.08291359
ATP2B4	NM_001001396	89.63191953	0.879187922	4.20E-10	101.9485338
ENAH	NM_018212	80.79536822	1.005242733	7.09E-09	80.37398889
MINOS1	NR_033758	95.34620525	0.931769053	6.23E-11	102.328152
GTSE1-AS1	NR_024009	95.61132799	15.79871078	0.000102192	6.051843681
CAD	NM_004341	138.7335936	3.769314076	8.57E-14	36.80605828
HIBADH	NM_152740	143.9176338	0.46763177	2.36E-17	307.7584608
LAMA5	NM_005560	100.7953682	3.907009872	9.13E-09	25.79859574
IPO8	NM_006390	50.16216501	0.695615602	3.69E-06	72.11190328
SRXN1	NM_080725	83.65251108	7.230689208	1.72E-06	11.56909233
NSA2	NM_001271665	99.26383906	6.671500149	7.88E-09	14.8787884
AGPAT2	NM_006412	195.3462052	4.065433183	1.20E-20	48.05052659
CCP110	NM_001199022	55.34620525	0.464635855	2.11E-07	119.117379
HEATR3	NM_182922	98.46847084	0.222112662	8.81E-15	443.3266881
RNF216P1	NR_023385	121.5907364	0.680392925	2.67E-16	178.7066443
TPT1-AS1	NR_024458	49.89704227	3.903062217	0.000178833	12.78407555
PDHX	NM_003477	106.7747767	0.598476937	5.02E-13	178.410846
RNF122	NM_024787	104.1827566	3.074419733	4.21E-10	33.88696587
LRIG2	NM_014813	144.1827566	1.857182985	2.87E-15	77.63519143
ZBTB8OS	NM_178547	81.3256137	0.7850826	2.11E-09	103.588608
ZDHHC21	NM_178566	43.91763382	0.276653596	1.97E-05	158.7459349
LRPPRC	NM_133259	68.63063585	2.140461029	1.86E-06	32.06348301
ARPC5	NM_005717	83.65251108	4.28614597	4.12E-08	19.51695338
TMCO4	NM_181719	97.93822536	0.142990369	1.37E-13	684.9288235

C12orf65	NM_001194995	84.18275656	3.031758313	1.67E-08	27.76697476
BFSP1	NM_001161705	50.42728775	1.833037325	7.65E-05	27.5102351
LOC100288181	NR_038925	124.9781248	6.7030287	9.45E-11	18.64502307
WDR55	NM_017706	190.162165	6.31321603	6.63E-19	30.12128273
POLR3C	NM_006468	113.0193079	0.91528428	5.59E-15	123.4800054
DTNBP1	NM_001271669	120.7953682	0.89915795	1.46E-13	134.3427684
DNTTIP1	NM_052951	132.4890624	2.958045871	1.21E-13	44.78938738
NEIL1	NR_046311	61.59073644	4.453146172	3.60E-05	13.83083646
PAX2	NM_003989	38.46847084	2.217788724	0.002350776	17.34541727
SUMF2	NM_001042469	135.611328	3.097755548	3.01E-14	43.77728516
ZDHHC7	NM_001145548	135.0810825	2.741927802	3.63E-14	49.2650034
BCL7C	NM_004765	67.03989941	9.806134842	0.00015137	6.836526368
RRM1	NM_001033	60.53024548	1.537478531	6.04E-06	39.36981511
KCTD20	NM_001286580	95.08108251	2.697513898	2.16E-09	35.24767104
ITGA1	NM_181501	28.10039037	0.39878016	0.002181038	70.46586865
ANAPC13	NM_015391	76.14157347	2.233768749	2.65E-08	34.08659625
SEC23IP	NR_037771	172.7541851	2.245966102	2.60E-18	76.91753894
ZC3H14	NM_001160103	155.0810825	1.946162756	1.38E-16	79.68556692
SBK1	NM_001024401	60	2.929105787	8.01E-06	20.48406728
CCDC82	NM_024725	72.22393965	0.357853611	4.42E-10	201.8253762
FLJ31306	NR_029435	84.71300204	2.313262705	8.18E-09	36.62057139
RCOR3	NM_001136223	120.5302455	1.715774623	1.50E-12	70.24829711
CHCHD7	NM_024300	162.1209819	4.102732331	1.11E-17	39.51536899
PANK1	NM_148977	69.89704227	2.462888884	1.52E-06	28.38010383
RGS9BP	NM_207391	92.75418513	1.324080016	2.50E-11	70.05179747
SNHG12	NR_024127	219.2638391	28.24127426	5.81E-13	7.763949922
HMGCR	NM_001130996	58.2033481	1.785052926	7.91E-06	32.60595092
VDR	NM_000376	229.6319195	2.565774824	2.51E-24	89.49807964
GOSR1	NM_004871	75.08108251	0.754409445	3.21E-09	99.5229885
PTDSS2	NM_030783	69.63191953	0.539500696	5.36E-09	129.0673397
PPP2R4	NM_001271832	132.2239396	4.892141146	3.80E-12	27.027826
CST6	NM_001323	71.95881691	10.57260019	0.000720794	6.806160794
VWA1	NM_199121	100.2651227	13.87724492	1.59E-06	7.22514615
ERCC5	NM_000123	85.97940845	0.666776896	2.41E-10	128.947792
SRPX	NM_001170750	54.81595977	0.31964899	5.75E-07	171.4879805
BLOC1S4	NM_018366	118.4684708	12.73562986	5.13E-07	9.302128918
NOTCH2	NM_024408	213.8146761	2.457613428	3.33E-21	87.00093907
GAMT	NM_000156	167.0398994	16.92883045	2.41E-11	9.867184856
MAX	NM_001271069	43.65251108	2.498326349	0.000685268	17.47270171
ATP5SL	NM_001167869	102.6512274	11.03798722	1.98E-07	9.29981394
RPL31	NM_000993	167.5701449	17.26171758	8.65E-12	9.707617109
ELL2	NM_012081	72.48906239	2.284524927	8.04E-07	31.73047557
SPRYD3	NM_032840	71.42857143	5.520363089	2.86E-06	12.9391075
FOSL1	NM_001300856	75.87645073	16.6236841	0.000664304	4.564358314
MED9	NM_018019	58.46847084	2.459358602	6.75E-06	23.77386966
C17orf89	NM_001086521	70.42728775	10.27892503	0.000167009	6.851619946
UBTF	NR_045058	78.46847084	14.39943164	0.000340078	5.449414451
FBXW11	NM_012300	82.12098192	0.696334531	1.88E-09	117.9332322
C11orf63	NM_024806	32.75418513	0.577947247	0.000885111	56.67331279
PTPN2	NM_080423	166.2445312	0.94193618	4.64E-18	176.4923514
IFT88	NM_006531	98.46847084	0.35033261	4.68E-12	281.0713819
STOM	NR_073037	81.3256137	0.684478401	1.82E-09	118.8139956
SEC24C	NM_198597	74.81595977	3.608846797	1.75E-06	20.73126513
PSMA7	NM_002792	103.1222656	10.23729648	1.02E-07	10.07319323
CARS2	NM_024537	129.6319195	2.701166337	6.34E-13	47.99109102
REL	NM_002908	91.69369417	1.057895929	6.53E-10	86.6755336
NGFRAP1	NM_206917	68.83655131	9.867818603	0.000271106	6.975863064
SVIL	NM_003174	49.63191953	1.28494181	2.28E-05	38.62581103
CAMK2G	NM_172171	148.8365513	2.906869101	4.52E-15	51.2016696
NUF2	NM_145697	55.34620525	0.317371965	1.23E-07	174.3890807
RPS23	NM_001025	90.16216501	17.97688245	7.42E-05	5.015450551
PSMD7	NM_002811	83.91763382	8.281777754	3.82E-06	10.13280437
HIBCH	NM_014362	61.59073644	0.637130517	2.66E-07	96.66894736
NHLRC3	NM_001012754	44.71300204	2.662580257	0.000117365	16.79310959

ADAMTS7	NM_014272	80.79536822	2.724547194	8.41E-08	29.65460404
ALDH6A1	NM_001278594	73.28443061	2.53894754	1.43E-07	28.864098
PEX11B	NR_073493	40.79536822	2.257221924	0.000256401	18.07326421
COPA	NM_004371	113.0193079	1.887664111	7.94E-12	59.87257331
KIF22	NM_001256269	78.73359358	5.154042892	2.91E-07	15.27608427
CASS4	NM_001164115	21.3256137	0.016640398	0.002143505	1281.556698
PPAP2C	NM_177526	88.57142857	4.991858485	9.09E-08	17.74317698
CCDC6	NM_005436	95.61132799	0.826016592	8.16E-11	115.749888
CASZ1	NM_017766	41.59073644	0.474495472	5.44E-05	87.65254648
XPO6	NM_001270940	97.67310262	2.159021698	2.21E-09	45.23951876
GIT2	NM_057170	126.2445312	2.036858493	7.60E-13	61.98002052
ZMYM3	NM_005096	48.83655131	1.587238632	3.64E-05	30.76824765
LINC00674	NR_027418	84.71300204	0.176248815	1.44E-13	480.6443779
COL6A2	NM_001849	101.8558592	0.385481969	5.40E-15	264.2298924
ADAL	NM_001159280	53.81467609	1.136767833	8.79E-06	47.34007644
BAD	NM_032989	84.4478793	9.158646004	3.88E-06	9.220563745
ITCH	NM_001257137	98.46847084	1.812381066	2.39E-09	54.33099733
SRSF4	NM_005626	79.26383906	4.406056678	6.74E-07	17.98974567
GPATCH2L	NM_017926	143.3873883	2.660496523	1.46E-14	53.89497302
TCOF1	NM_001135244	61.85585918	2.96962204	5.07E-06	20.82953937
TMEM87A	NM_001286487	73.28443061	0.634411785	3.84E-09	115.5155568
EIF3J	NM_001284336	151.6936942	3.835214823	4.03E-15	39.55285457
WDR60	NM_018051	89.63191953	0.033470281	4.60E-15	2677.955397
LIN54	NM_001115008	37.40797988	0.147177751	5.68E-05	254.1687159
SORD	NR_034039	186.7747767	1.985574684	2.86E-20	94.06585318
POLR2G	NM_002696	152.2239396	3.831233192	3.68E-16	39.73236084
SOCS4	NM_080867	120.7953682	1.975311139	9.99E-14	61.15257787
PPP3R1	NM_000945	120.2651227	1.971663124	3.83E-12	60.99679063
GLUL	NM_002065	77.40797988	12.84680305	8.44E-05	6.025466383
EXTL2	NM_001261442	79.26383906	1.847394781	1.21E-08	42.9057394
DNAJC1	NM_022365	103.9176338	0.129535143	2.75E-13	802.2350649
SMARCB1	NM_003073	122.1209819	2.116733143	7.55E-13	57.69314017
LNP1	NM_001085451	70.69241049	0.449819554	2.97E-09	157.1572642
LINC01271	NR_109950	83.91763382	5.439678901	5.08E-07	15.42694621
DNAAF1	NM_178452	52.22393965	1.725660211	4.63E-05	30.26316498
VPS36	NM_001282168	117.9382254	1.054868368	1.59E-13	111.8037368
MVK	NM_000431	43.91763382	2.528833952	0.000418366	17.36675268
LGALS3	NM_001177388	195.3462052	3.136369074	4.61E-21	62.28418933
LSM5	NM_001139499	135.3462052	6.956828252	6.15E-12	19.45515979
TRAPPC10	NM_003274	32.22393965	0.673495707	0.001027433	47.84579812
DQX1	NM_133637	37.67310262	1.300283502	0.000366321	28.97299134
THAP3	NM_138350	83.91763382	8.532518189	4.53E-06	9.835037202
THOC7	NM_001285404	35.34620525	1.980060845	0.003347353	17.85107025
SLC25A32	NR_102338	127.8352676	5.680067823	1.22E-11	22.50594035
CASP2	NM_032982	57.93822536	3.450159908	7.43E-05	16.79291016
SMC1A	NM_006306	44.18275656	1.130719698	0.000400723	39.07489772
DUSP14	NM_007026	37.40797988	1.922209806	0.001477526	19.46092449
ERICH6-AS1	NR_121674	44.18275656	0.041666405	1.30E-07	1060.392811
HGSNAT	NM_152419	92.75418513	0.626516699	1.97E-11	148.0474268
IQCB1	NM_001023570	172.4890624	0.330370519	1.56E-24	522.1079132
RAB37	NM_001006638	93.81467609	4.83456904	1.68E-08	19.40497184
EPS8L2	NM_022772	73.01930787	7.489525243	1.33E-05	9.749524236
COG4	NM_001195139	93.28443061	0.607785744	2.00E-12	153.4824263
ATP2A3	NM_174955	145.7142857	2.759135159	2.30E-15	52.81157947
HNRNPH3	NM_012207	156.1415735	5.306750872	6.00E-15	29.42319646
SNX12	NM_001256188	45.71428571	1.534700651	4.07E-05	29.78710257
DGUOK-AS1	NR_104029	94.61004431	3.703645296	9.71E-09	25.54511481
PNPO	NM_018129	189.8970423	10.19240022	1.75E-16	18.63123877
POLR1B	NM_001282776	122.1209819	4.298576044	2.10E-11	28.40963628
PTRHD1	NM_001013663	92.48906239	16.62682462	8.03E-05	5.562641363
DCBLD1	NM_173674	161.060491	1.275880496	4.80E-17	126.2347778
ZC3HAV1	NM_020119	141.5907364	1.443433917	2.87E-15	98.09298147
PRDX5	NM_012094	104.1827566	8.229541809	3.92E-08	12.65960596
TRIM9	NM_052978	69.89704227	1.183614844	9.62E-08	59.05387435

CPM	NM_001005502	92.22393965	0.515674795	2.46E-11	178.8412787
SFPQ	NM_005066	170.9575332	11.00323662	6.61E-14	15.53702235
NEK3	NM_152720	36.40669621	0.86698879	0.000110099	41.99211871
ZNF169	NM_003448	76.93694168	1.277075522	4.58E-08	60.24462953
IQSEC1	NM_014869	69.89704227	0.063284048	3.59E-11	1104.497026
VRK1	NM_003384	67.03989941	0.363378816	2.97E-08	184.4903899
LEPREL4	NM_006455	87.03989941	8.468524838	2.27E-06	10.27804737
CGNL1	NM_032866	71.69369417	0.52612586	3.49E-08	136.2671932
UHMK1	NM_175866	121.3256137	2.517888685	8.27E-13	48.18545571
PKD1L2	NM_001278425	41.06049096	0.440785229	7.11E-05	93.15305557
LDHB	NM_001174097	146.7747767	5.496989258	3.37E-13	26.70093933
AUH	NM_001698	78.73359358	0.577317093	3.13E-09	136.3784209
PTGR2	NM_001146154	130.162165	2.602003719	4.86E-14	50.02381974
MMGT1	NM_173470	60	1.411875517	5.67E-07	42.49666439
YBX3	NM_001145426	134.8159598	2.89290166	1.15E-13	46.60233067
ATP10D	NM_020453	70.69241049	0.071626994	9.44E-11	986.9520773
UBA2	NM_005499	121.8558592	3.424692549	1.86E-11	35.58154709
NCAPG2	NR_104054	109.8970423	0.688832876	2.64E-13	159.5409367
E2F7	NM_203394	180.7953682	2.728298727	2.98E-19	66.26670549
GYS1	NR_027763	101.3256137	5.557159961	5.13E-09	18.2333448
TOX	NM_014729	29.10167405	0.159246113	0.001996388	182.7465273
RAD51B	NM_133509	51.42857143	0.112634412	6.52E-06	456.597328
SEL1L	NM_001244984	69.36679679	1.495557703	4.51E-07	46.38189261
SAYSD1	NM_018322	131.9588169	3.191417066	1.06E-13	41.3480326
GOSR2	NM_001012511	186.0386157	4.189504605	1.37E-19	44.40587451
CNN2	NM_004368	95.61132799	10.77084816	2.33E-06	8.876861561
FAM73A	NM_198549	81.59073644	0.807724815	1.29E-09	101.0130367
TPM2	NM_001301227	109.6319195	11.69957893	1.57E-07	9.370586773
MPI	NM_001289155	157.9382254	14.05842962	2.34E-11	11.23441448
B4GALNT1	NM_001276468	40.79536822	4.285323551	0.002380547	9.519787183
STOX1	NM_001130160	123.1222656	0.941554235	1.54E-13	130.7649214
PSCA	NR_033343	63.18147288	8.417580149	0.000121099	7.505895015
APLP2	NM_001642	104.713002	1.016684734	3.73E-11	102.9945651
STRN3	NM_014574	117.9382254	1.548955784	1.42E-11	76.14047257
SPIN3	NR_027139	121.3256137	1.598438069	1.80E-14	75.90260519
EPG5	NM_020964	100.2651227	0.122248171	2.90E-14	820.1768718
PGS1	NR_111989	110.6924105	2.697348659	2.45E-11	41.03748698
SLC12A9	NM_001267814	84.18275656	2.928451755	3.41E-08	28.74650621
MAST3	NM_015016	123.6525111	3.364546666	2.82E-12	36.75161124
CITED2	NM_001168388	64.18275656	4.398811366	3.58E-05	14.59093178
BRMS1L	NM_032352	184.1827566	2.055704094	3.73E-20	89.59594775
MRPL10	NM_145255	185.773493	4.55131047	5.62E-20	40.81758303
UGT8	NM_001128174	98.99871632	0.515069754	1.54E-12	192.2044841
GTF2H2C_2	NM_001042490	170.4272878	2.38767904	3.31E-19	71.3778045
TUFT1	NM_001301317	173.0193079	0.366983996	2.23E-24	471.4628151
ZNF780A	NM_001142577	94.81595977	0.895133491	5.83E-12	105.9238212
AGFG2	NM_006076	81.06049096	3.037345667	4.70E-08	26.68793738
LINC00920	NR_046242	57.40797988	3.784132553	5.40E-05	15.17071061
CPSF3	NM_016207	35.08108251	2.032125513	0.003933777	17.26324594
SLC46A3	NM_181785	66.50965393	0.88649349	1.03E-07	75.02554133
GCC2	NR_028063	128.8365513	0.735403252	7.44E-15	175.1917074
HNRNPC	NM_001077442	178.7335936	6.835007057	1.61E-15	26.14973066
CNKSR3	NM_173515	110.4272878	1.443124569	3.63E-11	76.51958129
EIF3CL	NM_001099661	192.0180242	11.39000261	2.50E-15	16.8584706
EFCAB2	NM_001290327	132.2239396	0.740554807	2.27E-15	178.5471358
ATAD3B	NM_031921	106.2445312	2.139520438	1.26E-11	49.65810531
ST3GAL5	NM_003896	26.50965393	0.641094077	0.003591528	41.35064555
YPEL1	NM_013313	63.1222656	1.420787776	2.23E-06	44.42765252
PABPC4	NM_001135654	183.6525111	6.34581172	7.65E-17	28.94074378
FXR1	NM_001013438	103.9176338	2.629054314	4.06E-10	39.52662114
HSPA2	NM_021979	35.34620525	2.899092628	0.002863889	12.19216141
INVS	NM_183245	104.4478793	0.538189965	4.78E-12	194.0725136
GNL2	NM_013285	118.9987163	1.165185433	3.24E-14	102.1285651
CLSPN	NM_001190481	144.9781248	2.555322471	1.37E-15	56.73574527

LAMTOR5-AS1	NR_102697	87.57014489	5.397793929	6.76E-08	16.22332124
CPTP	NM_001029885	96.14157347	10.70481146	5.42E-07	8.981155232
PRKAB2	NM_005399	67.03989941	4.286870018	1.03E-05	15.63842597
PARP16	NM_017851	72.75418513	4.052224246	4.00E-06	17.95413598
SLU7	NM_006425	72.22393965	0.643658956	4.41E-09	112.208397
RBMX2	NM_016024	57.14285714	0.40595152	5.53E-08	140.762762
GLS	NM_014905	195.0810825	2.272747724	4.84E-20	85.83490392
CYB5D2	NM_144611	58.46847084	9.156660038	0.001530526	6.38534909
SWT1	NM_001105518	45.97940845	0.473282522	2.38E-05	97.15002422
PDHA1	NM_001173455	80.79536822	1.662351977	4.73E-09	48.60304516
ENTPD6	NM_001114089	95.87645073	3.178712242	6.48E-10	30.16204155
BCAS4	NM_198799	51.69369417	0.88338685	5.66E-06	58.5176179
SLC35F5	NM_025181	158.4684708	1.145085603	2.25E-18	138.3900649
NFX1	NM_002504	81.59073644	2.048843962	4.85E-08	39.82281617
ULBP3	NM_024518	121.060491	3.083730192	2.56E-13	39.25780903
SMTN	NM_006932	178.9987163	13.15218486	4.28E-14	13.60980842
TAB3	NM_152787	32.48906239	0.251704141	0.000438885	129.0763919
SMN2	NM_022876	129.9562496	14.80811211	1.96E-08	8.7760174
GNPDA1	NM_005471	80.79536822	5.409805448	1.35E-06	14.93498593
MCOLN3	NM_001253693	84.71300204	0.253411997	4.15E-13	334.2896272
XYLT2	NR_110010	66.24453119	5.3939451	1.12E-05	12.2812765
SAP130	NM_001145928	77.93822536	0.886598141	5.72E-09	87.90704807
CHPT1	NM_020244	83.1222656	1.193986779	3.85E-09	69.61740874
BTN3A3	NM_006994	26.24453119	0.440440921	0.001095033	59.58695019
RAB4B	NM_016154	78.46847084	3.458532166	4.84E-07	22.68837387
TUBGCP5	NM_052903	95.87645073	0.955724077	5.74E-11	100.3181284
PAXBP1	NM_013329	123.6525111	0.827057424	2.87E-15	149.508979
CHST12	NM_001243795	83.38738834	1.663916656	8.29E-09	50.11512328
TFAM	NR_073073	104.4478793	4.447721839	2.10E-10	23.48345582
EIF3H	NM_003756	127.5701449	0.689135594	3.14E-15	185.1161746
LOC101928069	NR_120586	189.8970423	17.53500129	1.55E-13	10.82959956
BZW2	NM_014038	155.3462052	0.693732266	1.96E-18	223.9281821
RRP9	NM_004704	70.16216501	1.689287736	8.06E-08	41.53357864
DDX49	NM_019070	78.46847084	5.623921556	1.73E-06	13.95262542
ATXN10	NM_001167621	128.8365513	1.131806447	4.02E-14	113.8326713
KHDC1	NM_001251874	197.6731026	1.883121025	4.06E-21	104.9710029
RHBDF2	NM_024599	167.8352676	7.434298086	6.63E-15	22.5758055
TMEM56	NM_152487	102.3861047	0.530851206	7.56E-13	192.8715683
MYH10	NM_005964	88.83655131	1.160110093	8.69E-10	76.57596624
MLEC	NM_014730	121.060491	2.606416586	6.40E-13	46.44709967
AASDH	NM_001286671	136.6718189	0.911674896	5.93E-16	149.9128906
INO80B	NM_031288	132.2239396	21.81499145	3.93E-07	6.061150195
LCLAT1	NM_001002257	53.01930787	0.275882719	1.99E-06	192.1806054
POLR3K	NM_016310	74.55083703	2.872304984	6.55E-08	25.95505611
WASF2	NM_001201404	98.46847084	1.443511461	9.66E-10	68.21454036
CES2	NM_198061	113.0193079	6.325986184	1.84E-10	17.86587965
STK40	NM_032017	111.9588169	4.385960939	5.45E-10	25.52663338
MGAT1	NM_002406	97.93822536	4.574987584	1.21E-08	21.40732047
PACS1	NM_018026	61.06049096	0.600925134	8.05E-07	101.6108122
FMNL3	NM_198900	34.81595977	0.514445426	0.000361579	67.67668245
LYPLA1	NM_001279356	83.38738834	1.809013919	2.74E-08	46.09549295
ARHGAP17	NM_001006634	51.69369417	0.667407188	5.13E-06	77.45450621
GRINA	NM_000837	123.1222656	8.599672444	4.24E-10	14.31708782
SLC25A19	NM_021734	201.3256137	3.751147367	3.52E-21	53.67040908
LOC439933	NR_122079	46.50965393	2.001459176	0.000207574	23.23787289
DNAJC7	NM_003315	138.7335936	2.54524072	8.62E-15	54.50706193
KLHL22	NR_033825	63.65251108	2.635600519	5.47E-06	24.15104664
ACTR2	NM_001005386	55.87645073	0.85608771	5.37E-07	65.26953966
ZNF250	NM_021061	130.4272878	2.231490732	7.84E-15	58.44850075
GLT8D1	NM_001278281	106.2445312	9.584044224	3.01E-08	11.08556354
MTFR1L	NM_001099625	137.6731026	6.491991996	6.14E-12	21.20660387
DTX2	NM_001102594	138.7335936	2.682309727	1.29E-14	51.72169051
DHRS1	NM_138452	43.38738834	3.975982494	0.001373531	10.91236906
UBE2W	NR_073121	135.3462052	1.935452241	1.60E-13	69.9300155

PHF6	NM_032335	68.83655131	1.674596933	6.90E-07	41.10634025
ATP1B3	NM_001679	169.6319195	2.049818208	3.21E-18	82.75461644
ULK4P3	NR_026859	54.55083703	2.870353717	3.01E-05	19.004918
LMBR1L	NM_001300750	71.22265597	3.915507624	1.59E-06	18.18989077
MYO6	NM_001300899	149.6319195	0.589747509	3.04E-17	253.7220033
ZNF24	NM_006965	78.46847084	1.572205038	3.41E-09	49.90982026
L3HYPDH	NM_144581	184.4478793	6.579106694	7.49E-18	28.03539871
LRCH3	NM_032773	181.3256137	0.078054105	6.43E-30	2323.075957
TPCN1	NM_017901	178.4684708	1.976636022	1.69E-18	90.28899043
NUP54	NR_103781	124.1827566	2.114095346	2.64E-13	58.7403765
DCAF4	NM_181341	34.55083703	2.608895603	0.003783074	13.24347244
LACTB	NM_032857	61.06049096	3.756665867	4.18E-05	16.25390522
MRPS23	NM_016070	102.1209819	1.275767165	1.99E-12	80.04672383
TOP3B	NM_001282112	192.2239396	5.324886303	3.96E-18	36.09916319
BAK1	NM_001188	112.4890624	5.687037237	6.10E-10	19.77990607
SLC30A7	NM_133496	98.2033481	1.077522042	5.74E-10	91.13813388
POLG	NM_002693	198.4684708	8.109249254	1.12E-17	24.47433352
TAF5L	NM_014409	34.55083703	0.646575366	0.000236985	53.43667397
TRIM5	NM_033093	38.46847084	1.713855794	0.00131376	22.44557037
DBNL	NM_001014436	118.9987163	2.274487044	6.40E-13	52.31892468
HIF1A	NM_181054	120.7953682	1.986498387	1.80E-12	60.80818841
ATG3	NM_001278712	61.3256137	0.692053683	6.97E-08	88.61395462
TMEM69	NM_016486	135.8764507	4.609089847	4.17E-14	29.48010458
NCKIPSD	NM_016453	201.3256137	0.744005683	3.06E-29	270.5968762
MAPK1	NM_138957	147.5701449	0.637422906	4.03E-18	231.5105771
SLC25A15	NM_014252	146.2445312	4.047422809	1.49E-14	36.13275363
UBE4A	NM_004788	92.22393965	0.73116785	1.36E-10	126.132378
LOC100505915	NR_125434	87.03989941	2.483790865	1.39E-08	35.04316754
GPS1	NM_004127	54.28571429	8.024382246	0.001363399	6.765095757
TRIM32	NM_001099679	72.22393965	1.719066434	4.04E-08	42.01346628
PLEKHG3	NM_015549	90.16216501	2.524355317	3.00E-09	35.71690736
C11orf24	NM_022338	127.3050222	6.24077878	2.54E-11	20.39889998
TBRG1	NM_032811	133.5495533	3.027536215	9.36E-15	44.11162868
OS9	NM_001261420	25.24324752	0.919942369	0.003212876	27.44003142
SLC31A1	NM_001859	75.61132799	0.917605614	5.34E-08	82.40068153
ARHGEF39	NM_032818	124.1827566	10.97878331	2.50E-09	11.31115836
TFCP2L1	NM_014553	177.9382254	0.409834491	1.92E-24	434.1709383
DYRK2	NM_003583	129.6319195	2.882197453	5.31E-14	44.97676569
RTKN	NM_033046	73.28443061	4.058928668	8.94E-07	18.05511666
SF3B1	NM_001005526	81.85585918	0.709143463	7.59E-11	115.4291952
FOXO1	NM_002015	135.3462052	1.140498627	6.93E-14	118.6728349
FRAS1	NM_025074	66.50965393	0.722083345	3.65E-07	92.10800159
BTG3	NM_006806	146.7747767	2.140067764	3.53E-16	68.58417249
UBE2G2	NM_003343	100.7953682	2.516433963	2.17E-10	40.05484337
BBS1	NM_024649	107.3050222	3.560716948	2.06E-10	30.13579111
MARK2	NM_004954	41.06049096	2.236254811	0.001204423	18.36127563
UTP14A	NM_001166221	57.40797988	3.853715315	9.45E-05	14.89678796
TAF6	NM_005641	119.5289618	7.371746509	5.85E-10	16.21446989
EIF4EBP1	NM_004095	97.67310262	2.707611311	4.32E-10	36.07353176
APBB3	NM_006051	82.91635014	11.18902456	1.23E-05	7.410507477
GSDMD	NM_001166237	145.9794085	11.96572407	5.16E-11	12.19979732
WDR1	NM_017491	88.83655131	6.867694697	8.57E-07	12.93542524
OSER1-AS1	NR_038337	118.7335936	3.059594671	1.29E-12	38.80696836
C19orf12	NM_001256047	89.36679679	6.472673543	3.47E-07	13.80678265
JKAMP	NM_001284203	78.73359358	1.249394963	3.47E-09	63.01737714
ZMYM1	NM_001289089	73.81467609	1.694526725	1.24E-07	43.56064439
RBPJ	NM_005349	75.08108251	1.744213655	4.44E-07	43.04580593
RFT1	NM_052859	123.9176338	1.127809219	5.54E-14	109.8746417
LOC101928053	NR_120540	105.9794085	0.491058348	2.57E-15	215.8183624
IL4R	NM_001257997	66.77477667	2.363323618	2.44E-06	28.25460558
FBXW5	NM_018998	69.10167405	15.39866372	0.001891504	4.487511079
SIKE1	NR_049741	144.4478793	3.092959566	1.28E-15	46.70215573
GFPT2	NM_005110	135.3462052	1.342889337	1.00E-14	100.787311
AIMP2	NM_006303	118.7335936	10.72225547	9.23E-09	11.07356507

ZNF557	NM_001044387	177.9382254	4.691841255	1.87E-17	37.92503106
FUNDC1	NM_173794	37.67310262	0.977570006	0.000767477	38.53749848
MIDI1P1	NM_001098791	120.5302455	22.69207623	2.40E-06	5.311556522
CYB5R2	NM_016229	115.0810825	6.363033294	5.65E-10	18.08588407
USP28	NM_020886	128.8365513	0.793183161	1.36E-15	162.429761
NUP43	NR_104456	81.3256137	0.901148789	1.56E-09	90.24659934
ZNF518B	NM_053042	43.38738834	5.142164912	0.002368995	8.437572322
CCDC112	NM_001040440	80.53024548	0.79635689	2.41E-09	101.123311
PRC1	NM_001267580	58.46847084	4.093527897	0.00011035	14.28314948
ARL8B	NM_018184	72.75418513	0.635745745	7.62E-09	114.4391225
RRN3	NM_018427	149.3667968	0.624484811	1.64E-19	239.184035
ZNF641	NM_001172681	123.6525111	3.567078791	2.35E-12	34.66492284
MATR3	NM_018834	137.9382254	2.968870501	2.33E-14	46.46151636
NFKBIB	NR_040515	79.26383906	0.681916443	2.62E-11	116.236879
POLI	NM_007195	74.34492157	1.571377698	7.17E-08	47.31193631
NAA30	NM_001011713	77.67310262	0.828772544	2.89E-09	93.72065127
PBDC1	NM_016500	74.55083703	4.151189611	6.10E-07	17.95890913
ZDHHC16	NM_198044	178.7335936	8.500869756	8.13E-16	21.0253302
ATRIIP	NM_001271022	141.5907364	3.989436862	1.40E-14	35.49140927
LSM6	NM_007080	92.75418513	2.581436535	2.66E-09	35.93122816
INIP	NM_021218	75.34620525	2.020379029	1.30E-07	37.29310401
CDC14A	NM_033312	172.4890624	0.352033317	1.25E-21	489.9793693
ZNF552	NM_024762	123.3873883	5.583888578	2.40E-11	22.09703625
KIAA0430	NM_001184999	65.97940845	3.46913079	3.06E-06	19.01900287
ZNF324B	NM_207395	130.162165	5.77212015	7.76E-13	22.55014823
FAM168A	NM_015159	75.61132799	1.053016046	3.52E-08	71.80453544
DHX40	NM_001166301	58.2033481	2.022141213	1.56E-05	28.78302847
ZDHHC8P1	NR_003950	54.81595977	1.03657257	1.95E-06	52.88193162
GTF2B	NM_001514	141.3256137	0.92414715	7.48E-17	152.9254445
FXR2	NM_004860	106.2445312	3.924493929	5.82E-10	27.07216093
SLC16A13	NM_201566	95.08108251	8.974619701	6.99E-07	10.5944414
TTLL13	NR_104604	78.73359358	5.5423529	8.93E-07	14.20580663
LPCAT4	NM_153613	46.24453119	5.995617914	0.003212944	7.713055077
COMMD5	NM_014066	118.9987163	11.92265274	2.83E-08	9.980892582
DNMBP	NM_015221	54.55083703	2.943856447	5.74E-05	18.53039984
TIMM8B	NM_012459	101.060491	21.24959371	0.000117248	4.755878739
MIDN	NM_177401	223.1222656	25.31444163	2.24E-14	8.814030697
MSRB1	NM_016332	76.14157347	8.180409532	1.95E-05	9.307794819
SNRPE	NM_003094	58.46847084	1.635761096	1.24E-06	35.74389376
MDH2	NM_001282404	146.7747767	6.090073632	2.97E-13	24.10065716
LENG1	NM_024316	118.2033481	23.21022249	7.83E-06	5.092727921
CDC40	NM_015891	90.16216501	0.189862792	1.16E-13	474.8806433
C15orf57	NM_001080792	127.0398994	4.696035328	4.90E-12	27.05258597
LYSMD2	NM_153374	60.79536822	2.585994811	2.95E-06	23.50947031
PITPNA-AS1	NR_028514	161.060491	12.77800281	3.75E-10	12.60451209
LINC00869	NR_111952	40.26512274	1.59671999	0.000882863	25.21739753
SLC20A2	NM_001257181	43.65251108	0.500766614	4.95E-05	87.17136856
TMCO3	NM_017905	152.7541851	1.658741391	3.04E-16	92.09041626
ZNF81	NM_007137	48.83655131	0.466455914	7.09E-06	104.6970353
SREBF2	NM_004599	94.81595977	3.702751208	4.78E-09	25.60689456
STX18	NM_016930	93.01930787	1.133562756	1.47E-10	82.05924847
LIAS	NM_001278591	121.8558592	7.508177808	2.89E-10	16.22975138
CUL9	NM_015089	106.5096539	3.022897685	1.13E-10	35.23429009
CDKN2A	NM_058195	43.1222656	1.001048294	0.000213744	43.07710811
TWSG1	NM_020648	123.3873883	0.610192494	1.39E-15	202.2105966
SDHAP1	NR_003264	129.8970423	5.588327892	6.46E-12	23.24434872
IFT22	NM_001287525	69.10167405	4.995495426	1.15E-05	13.83279698
RHNO1	NM_001257098	112.7541851	3.584278211	1.34E-11	31.45798917
LOC257396	NR_034107	149.6319195	6.128983746	1.72E-14	24.41382221
DIDO1	NM_001193370	92.75418513	4.31759241	5.10E-08	21.48284885
PTPN18	NM_014369	187.8352676	11.45514858	2.65E-15	16.39745363
CWC25	NM_017748	47.30502215	0.551683107	1.46E-06	85.74672951
ANAPC4	NM_013367	181.5907364	2.05605296	2.12E-20	88.32006763
VAMP1	NM_199245	115.611328	9.704001325	9.87E-09	11.91377908

CPVL	NM_031311	63.38738834	0.736707068	4.00E-07	86.0415097
NT5DC1	NM_152729	216.1415735	0.510574683	1.07E-26	423.3299857
SLMO2	NM_016045	78.46847084	4.915139399	1.55E-06	15.9646481
CCNJL	NM_024565	63.91763382	1.208774838	3.17E-06	52.8780314
CFLIP1	NR_028492	84.71300204	0.267378877	2.52E-13	316.8275785
FBXO3	NM_033406	77.93822536	0.08150236	1.82E-13	956.2695583
TMEM254-AS1	NR_027432	84.97812478	1.64813181	4.23E-09	51.56027221
ERMAP	NM_001017922	117.1428571	0.900086461	1.91E-14	130.1462274
COX7A2L	NM_004718	69.63191953	0.434833298	1.19E-09	160.1347457
ATRX	NM_000489	100	0.057548354	3.86E-14	1737.669175
RPAP2	NM_024813	238.2033481	1.147198666	1.14E-26	207.6391432
LETMD1	NR_045018	140.2651227	6.573645491	2.34E-12	21.33749423
KDM6A	NM_001291416	49.10167405	0.539525584	1.69E-05	91.00898184
RNF217-AS1	NR_026876	27.57014489	1.087379433	0.002110281	25.35466835
EDF1	NM_003792	55.34620525	5.470184098	0.000173188	10.11779572
MAN1B1	NR_045720	124.1827566	1.024961792	1.86E-15	121.1584251
SIN3A	NM_015477	40.53024548	2.230728747	0.001236335	18.16906046
TSEN15	NR_125335	161.3256137	0.602166817	1.01E-22	267.9085081
WHSC1L1	NM_017778	58.46847084	0.888932625	9.79E-07	65.77379342
C14orf93	NM_001130706	55.87645073	5.643323591	0.000117106	9.901337363
MANEAL	NM_001113482	60.53024548	1.652987793	2.22E-06	36.61868874
CALCOCO2	NM_001261395	119.2638391	2.138717423	6.44E-13	55.76418736
BPGM	NM_199186	117.9382254	0.055840204	1.03E-20	2112.06651
PITPNB	NM_001284277	77.40797988	1.266991748	9.55E-08	61.09588323
CCT2	NM_001198842	80.79536822	4.007465479	2.18E-07	20.16121377
C7orf49	NM_001243751	113.8146761	15.86371653	4.48E-07	7.174527851
TRAF4	NM_004295	106.2445312	11.95816546	3.05E-07	8.884684828
UPF3A	NM_023011	73.28443061	3.606127883	1.50E-06	20.32219405
PTPN6	NM_080548	106.2445312	3.633617206	1.31E-10	29.23932962
EPHX2	NM_001256482	128.1003904	1.711092182	1.27E-13	74.86469268
SNX22	NR_073534	131.9588169	16.69420356	1.41E-08	7.904469143
PEX19	NR_036493	50.42728775	3.551066249	0.000130973	14.20060461
CENPM	NM_024053	90.16216501	4.827328861	2.27E-08	18.67744411
NMT2	NM_004808	175.0810825	1.732637285	8.92E-19	101.0488947
SCAMP4	NM_079834	101.3256137	4.757116746	2.83E-09	21.29979547
SNAPIN	NR_052020	140.7953682	17.46684796	1.18E-08	8.060719857
RPS16	NM_001020	124.713002	15.48704011	4.47E-08	8.052733198
RASAL2	NM_170692	92.75418513	0.182579894	9.25E-11	508.0197109
GTF2IP1	NR_002206	66.50965393	7.99753911	0.000136792	8.316264918
MUL1	NM_024544	90.16216501	1.800842279	1.30E-10	50.06666384
DPH3	NM_206831	65.97940845	2.735537358	1.34E-06	24.11935932
ZNF354A	NM_005649	151.9588169	0.689717525	2.57E-21	220.3203651
SNX6	NM_152233	181.3256137	1.738653228	2.88E-19	104.2908446
HAX1	NM_001018837	64.4478793	0.24285176	1.28E-09	265.3795029
SYS1	NM_001099791	81.59073644	3.837065642	7.08E-08	21.2638365
POLD2	NM_001127218	113.2844306	4.585891898	3.24E-11	24.70281313
LOC100133315	NR_029192	83.38738834	1.107077678	1.51E-08	75.32207537
RNF113A	NM_006978	71.95881691	10.06096641	0.000437153	7.152276824
RETSAT	NM_017750	115.0810825	5.14027075	1.76E-10	22.38813636
BICD1	NM_001714	34.81595977	0.618182768	0.000643394	56.31984839
LOC100996447	NR_104147	21.3256137	0.119552921	0.00460699	178.3780229
COPS7A	NM_001164093	84.4478793	3.565677046	3.73E-08	23.68354683
MYNN	NR_033702	137.9382254	2.842376711	8.81E-15	48.52918504
NUDT4P1	NR_002212	144.9781248	3.354944025	9.15E-15	43.21327679
PLEKHA5	NM_001143821	54.28571429	0.637485835	4.38E-06	85.15595371
WBSCR16	NM_001281441	106.2445312	2.63952858	1.16E-10	40.25132821
M1AP	NM_138804	93.01930787	0.977864418	6.74E-11	95.12495413
TPP2	NM_003291	85.97940845	0.903981154	5.10E-10	95.11194795
MYBL2	NM_002466	45.97940845	2.428332738	0.000295275	18.93455857
ATP5J2	NM_004889	123.6525111	8.166308202	5.65E-10	15.14178843
SLC25A51	NR_024872	95.61132799	3.857802398	1.31E-08	24.78388423
XPNPEP1	NM_001167604	104.713002	2.422948447	1.37E-10	43.21718119
ATP6V1C2	NM_001039362	29.89704227	1.017322236	0.002161945	29.38797681
MMAA	NM_172250	54.81595977	0.302624149	1.50E-07	181.1354444

ACTN1-AS1	NR_073422	46.24453119	3.559650472	0.000541592	12.99131236
QSOX1	NM_001004128	189.6319195	0.622995344	9.25E-25	304.3873785
C2CD2L	NM_001290474	54.81595977	1.560555815	3.08E-06	35.12592068
RDH14	NM_020905	83.91763382	8.209321868	1.72E-06	10.22223701
TNFRSF10D	NM_003840	163.9176338	3.647654814	2.22E-16	44.93781407
ZRSR2	NM_005089	100.7953682	0.925123184	1.04E-11	108.9534562
PPM1H	NM_020700	68.83655131	0.148224919	2.42E-08	464.4060655
TDRKH	NM_001083965	47.30502215	1.247928444	3.19E-05	37.90683863
GTF2I	NM_001518	70.42728775	0.795800176	3.03E-08	88.4987084
PDIA5	NR_028444	109.6319195	2.489656015	1.36E-10	44.03496662
MAPK6	NM_002748	78.2033481	2.013853029	1.09E-07	38.83269881
ZNF544	NM_014480	154.875167	2.548106831	8.94E-17	60.78048423
CCDC173	NM_001085447	47.30502215	0.326757683	1.87E-06	144.7709559
S1PR2	NM_004230	100.7953682	2.293479269	3.43E-11	43.94867204
TMEM60	NM_032936	75.87645073	8.87843939	1.95E-05	8.546147289
DLG	NM_001289752	78.99871632	0.849644364	3.10E-09	92.97856805
SNX11	NM_152244	128.3655131	4.809548816	5.49E-12	26.68972039
RNF139-AS1	NR_108047	175.8764507	9.537484725	3.95E-15	18.44054861
DNAL4	NM_005740	58.73359358	1.222628372	8.28E-07	48.03879487
GTF2A1	NM_001278940	157.9382254	2.94825939	1.98E-16	53.56998978
CDC23	NM_004661	69.63191953	2.299844387	5.32E-07	30.27679608
KCNQ2	NM_004518	80.79536822	1.319655558	4.70E-08	61.22458828
USP46	NM_022832	68.57142857	1.394105375	9.78E-07	49.18668975
PTGES3	NM_006601	84.97812478	6.655545189	1.08E-06	12.7680186
PDCL	NM_005388	87.03989941	5.449666055	2.43E-07	15.97160239
ITGA6	NM_001079818	148.3655131	1.789511541	2.31E-15	82.90838572
LOC100288842	NR_027442	177.9382254	3.508293719	2.86E-20	50.71930677
ARL2BP	NM_012106	138.4684708	5.007153647	3.46E-13	27.65412859
CCDC13	NM_144719	25.97940845	0.436939874	0.003388022	59.45762787
UBAP2L	NM_001287816	54.28571429	2.006863838	3.53E-05	27.05002365
FAM213B	NM_001195736	89.36679679	7.222907179	6.91E-07	12.37269074
TBC1D23	NM_001199198	30.42728775	0.585983713	0.000822358	51.92514246
DUSP19	NM_080876	80.26512274	3.096525966	2.37E-07	25.92102363
WNK1	NM_001184985	32.22393965	0.825006085	0.001243752	39.05903272
SRSF2	NM_003016	171.7529015	42.54832596	1.18E-06	4.036654735
PDIA4	NM_004911	50.69241049	3.187586543	6.15E-05	15.90306955
IPO4	NM_024658	97.93822536	8.400723273	1.09E-07	11.65830872
EPM2A	NM_001018041	106.7747767	1.092986397	5.90E-12	97.69085593
JMY	NM_152405	63.91763382	0.190364255	1.84E-08	335.7648938
APPL2	NM_018171	137.9382254	2.084747604	3.67E-14	66.16543178
IFRD1	NR_120333	187.5701449	2.070930272	4.34E-21	90.57289248
TRAPPC6B	NM_001079537	135.3462052	3.09024637	1.15E-13	43.79786886
ST3GAL5-AS1	NR_110569	44.4478793	2.442414836	0.000359496	18.19833332
GTF3A	NM_002097	86.77477667	7.891694495	2.34E-06	10.99570906
USP3	NM_001256702	57.40797988	1.14534098	1.67E-06	50.12304709
MPP1	NM_001166462	37.67310262	0.936098913	0.000119282	40.24478836
RABGGTA	NM_182836	104.4478793	7.196470979	1.49E-08	14.5137637
PTPN4	NM_002830	58.46847084	0.253636247	9.60E-07	230.5209591
SH3GL1	NM_003025	63.91763382	5.313264958	4.10E-05	12.0298224
POLDIP3	NR_103820	135.0810825	4.052061663	7.84E-13	33.33638373
YES1	NM_005433	118.4684708	0.742788009	5.40E-14	159.4916308
YIPF5	NM_001024947	66.77477667	2.453936143	3.77E-07	27.21129352
MAGI1	NM_004742	64.4478793	0.794769052	4.09E-07	81.09007158
DARS2	NM_018122	100.7953682	0.102015417	4.09E-17	988.0405455
RNF44	NM_014901	75.87645073	4.348981959	2.58E-07	17.44694539
NFXL1	NM_001278624	161.3256137	0.168503577	9.73E-25	957.4017141
TIMM9	NM_012460	64.4478793	2.251671456	7.03E-07	28.62223932
A2M-AS1	NR_026971	86.50965393	10.59729402	1.21E-05	8.163372065
DIAPH2	NM_007309	60	0.085768595	5.26E-07	699.556752
HSD17B11	NM_016245	67.03989941	1.031809053	1.09E-06	64.9731646
CCNC	NM_001013399	101.8558592	2.477263182	5.44E-11	41.11628506
KIF4A	NM_012310	60.53024548	0.308705719	2.62E-07	196.0774998
NIPSNAP1	NM_003634	110.162165	6.405885727	2.93E-09	17.19702313
RALY	NM_016732	102.3861047	4.284392418	7.20E-09	23.89746192

LGMN	NM_001008530	109.6319195	0.714460395	9.11E-13	153.4471614
DCAF16	NM_017741	181.8558592	1.076984063	1.50E-24	168.8565925
RPL14	NM_003973	132.4890624	11.14403266	6.94E-10	11.88878985
PPAPDC1B	NM_032483	154.8159598	7.396657135	9.82E-14	20.93053077
LACC1	NM_001128303	75.34620525	3.7536086	7.76E-07	20.07300528
CAPN10	NM_023085	112.4890624	2.654802759	4.28E-12	42.37190956
MUT	NM_000255	60.53024548	0.129146636	1.13E-09	468.69394
POLH	NM_006502	189.6319195	3.090413686	7.68E-19	61.36133825
UQCRB	NR_045639	69.69112681	7.090876808	2.02E-05	9.828280578
TBC1D4	NM_001286658	135.611328	0.633442482	3.20E-15	214.0862538
SPTBN1	NM_003128	82.85714286	1.404584407	7.49E-08	58.99050454
DGKD	NM_152879	71.42857143	1.420512901	7.80E-07	50.28364852
MATN2	NM_002380	107.0398994	1.284091595	2.45E-10	83.35846122
LMTK2	NM_014916	76.40669621	0.996254347	8.70E-09	76.69396516
ENTPD4	NM_004901	103.1222656	0.832026716	1.74E-12	123.9410509
RNF145	NM_001199380	63.65251108	1.71514508	3.89E-06	37.11202732
POLE2	NM_001197331	98.2033481	1.323742881	1.33E-10	74.18611991
CARF	NM_024744	55.08108251	0.089985667	4.19E-08	612.1095075
NAA25	NM_024953	55.08108251	1.928888741	4.43E-05	28.55586293
HRH1	NM_001098213	46.50965393	2.420659646	0.000375315	19.21362799
CHAF1A	NM_005483	42.12098192	3.480147981	0.000607662	12.10321577
CFAP36	NM_080667	43.91763382	2.304283358	0.000413984	19.05912902
MRPS16	NM_016065	143.6525111	21.86448603	2.44E-08	6.570129794
PITX1	NM_002653	46.24453119	5.789156297	0.002632549	7.988129673
PDE12	NM_177966	147.5701449	3.015646982	6.52E-17	48.93482088
FBXO22	NM_147188	192.7541851	3.407253706	1.08E-19	56.57171486
NDUFB5	NM_001199958	70.69241049	0.769060095	1.11E-08	91.92052861
ERVK13-1	NR_040023	91.95881691	5.1386797	1.01E-07	17.89541717
CAMKMT	NM_024766	155.611328	0.13802516	4.27E-19	1127.412769
LOC101928436	NM_001286997	37.40797988	0.007655328	1.52E-06	4886.528965
MYCL	NM_001033081	58.2033481	8.421585514	0.000891949	6.911210247
PTOV1	NM_017432	80	17.82673752	0.000443522	4.487641102
SCML2	NM_006089	40.53024548	0.327385551	7.62E-05	123.7997382
ESPN	NM_031475	203.6525111	13.74122835	6.86E-16	14.82054631
MAGOHB	NM_001300739	30.16216501	1.529198383	0.002908802	19.72416748
SMS	NM_001258423	74.55083703	1.597913092	2.03E-07	46.65512625
PUS7L	NM_001098615	63.65251108	0.670463125	2.74E-08	94.93812364
PHLDA3	NM_012396	103.3873883	11.49082361	4.06E-07	8.997387122
C6orf132	NM_001164446	75.61132799	3.889605685	2.70E-06	19.43932987
MORC4	NM_001085354	46.24453119	0.712870453	1.68E-05	64.8708766
STIM2	NM_001169118	86.50965393	0.478949203	5.77E-10	180.6238605
SLC39A3	NM_144564	98.73359358	2.193921399	9.34E-12	45.00325018
VASP	NM_003370	132.7541851	9.581129029	1.84E-10	13.85579765
PHF14	NR_033436	64.18275656	0.222498851	1.28E-07	288.4633173
POMGNT1	NM_017739	98.46847084	3.779542225	4.90E-10	26.05301515
CMTM7	NM_181472	160.7953682	2.620481626	1.89E-16	61.36099815
ICT1	NM_001545	176.4066962	6.880095021	1.25E-16	25.64015405
RAB23	NM_001278667	212.7541851	2.222323318	5.28E-23	95.73502802
MRPL17	NM_022061	157.9382254	13.41433707	8.46E-12	11.77383754
TMC6	NM_001127198	124.713002	8.165712728	3.43E-10	15.27276383
SLC25A36	NM_018155	129.3667968	0.083486547	3.17E-22	1549.552611
PHLDA2	NM_003311	166.7747767	25.80384791	1.10E-07	6.463174688
RBP1	NM_001130993	98.99871632	5.054984109	9.36E-09	19.58437736
TMEM17	NM_198276	47.30502215	2.281031866	0.00010272	20.73843109
UAPI	NM_003115	144.4478793	2.520970439	1.37E-15	57.29852167
UBQLN4	NM_020131	66.50965393	3.039324886	1.06E-06	21.88303535
LOC101928794	NR_111908	66.77477667	4.324809151	6.20E-06	15.43993604
BTBD10	NM_032320	150.6924105	0.367215601	1.44E-20	410.3649461
STX3	NM_001178040	42.38610466	3.441642101	0.000642194	12.31566311
SERPINE1	NM_000602	97.40797988	6.181151297	2.21E-08	15.75887326
GPR108	NM_001080452	69.63191953	8.189955492	7.93E-05	8.502112081
OSR2	NM_001142462	256.4066962	4.967434568	5.13E-28	51.61752866
RAB3IL1	NM_013401	71.95881691	1.088078751	3.23E-08	66.13383162
ZC3H6	NM_198581	79.26383906	0.835120202	1.36E-09	94.91309016

RGPD5	NM_005054	258.7335936	4.548809951	2.61E-25	56.87940283
PRKD2	NM_001079880	68.83655131	6.625441317	1.29E-05	10.38973074
ASAP3	NM_001143778	71.95881691	1.592655295	4.34E-07	45.18166432
ANGPTL4	NR_104213	172.2239396	4.747481708	2.79E-17	36.27690431
MPC1	NM_016098	44.71300204	2.209342901	0.000147554	20.23814503
HDAC2	NR_033441	137.6731026	1.482122065	1.09E-15	92.88917958
FAM115A	NM_001206938	186.5096539	1.227400382	1.42E-21	151.9550235
HERC3	NM_001271602	29.36679679	0.803694339	0.002370584	36.53975817
EIF2AK1	NM_014413	149.3667968	3.151460415	1.57E-14	47.39605679
ERAP1	NM_016442	97.67310262	2.955705976	1.15E-09	33.04560854
SLAIN2	NM_020846	54.55083703	0.446316156	1.29E-06	122.2246525
DAP3	NM_004632	135.0810825	1.956417813	3.20E-14	69.04510971
YOD1	NM_001276320	66.50965393	9.348621308	0.000201047	7.114381013
CYP24A1	NM_001128915	50.42728775	5.500806316	0.000390939	9.167253827
UAP1L1	NM_207309	65.97940845	8.26804447	0.000138239	7.980050022
CCDC113	NM_001142302	61.3256137	1.327968497	3.75E-06	46.18002146
BZW1	NM_001207069	74.55083703	1.745106143	9.97E-09	42.71994419
TCEA2	NM_003195	110.162165	8.756969972	4.26E-09	12.57994093
SGSM3	NM_015705	130.162165	2.326891171	5.83E-14	55.93822634
LUZP6	NM_001128619	109.6319195	0.915220003	3.63E-12	119.7875037
CEP55	NM_001127182	132.7541851	1.694159842	8.51E-15	78.3598937
EIF4G3	NM_001198801	86.77477667	0.84856556	2.75E-09	102.260545
LIMA1	NM_016357	143.9176338	0.581987713	2.20E-17	247.2863785
GRHPR	NM_012203	137.9382254	10.64421815	1.69E-10	12.95898143
PAWR	NM_002583	134.8159598	1.593896681	1.20E-13	84.58262155
CCDC12	NR_102269	92.75418513	3.876947096	6.31E-08	23.92454239
UNC119B	NM_001080533	143.9176338	3.999220431	2.74E-14	35.98642193
ZNF84	NM_001289971	49.89704227	2.674634611	0.000111854	18.65564816
ZNF181	NM_001145665	32.75418513	2.063486006	0.003248733	15.87322862
C11orf57	NM_001301021	158.7335936	4.547232513	1.13E-16	34.90773633
NAA35	NM_024635	112.2239396	1.407383474	2.10E-11	79.73941838
SLC3A2	NM_001012664	112.4890624	11.95749694	1.59E-07	9.407408837
THG1L	NM_017872	86.50965393	1.036220305	9.25E-11	83.48577374
RPRD2	NM_001297673	80.53024548	0.265571359	3.18E-10	303.2339242
MAVS	NM_001206491	124.713002	11.45032772	1.47E-09	10.8916535
PUS1	NM_001002020	63.38738834	5.766746614	2.31E-05	10.99188027
DDX42	NM_203499	138.9987163	5.079819254	7.19E-13	27.3629256
MICALL1	NM_033386	45.97940845	2.394932488	0.000256124	19.19862405
SETD9	NM_153706	92.75418513	16.53497334	4.20E-05	5.609575729
PAK1	NM_002576	54.81595977	1.622630173	5.16E-05	33.7821647
COMT	NM_000754	100.7953682	6.804569223	4.82E-08	14.81289482
STK4	NM_006282	125.9794085	0.784227227	1.21E-14	160.6414623
PSMC5	NM_001199163	116.9369417	16.14112623	1.66E-07	7.244658149
XRR1A1	NM_001270380	98.99871632	0.38879001	1.82E-12	254.6328705
MIEN1	NM_032339	173.2844306	29.00750827	6.61E-08	5.973778547
TUBA4B	NR_003063	49.63191953	4.515861611	0.0006497	10.99057584
LAMTOR3	NR_024170	37.14285714	0.356499263	1.82E-05	104.1877528
SMIM15	NM_001048249	121.5907364	1.424377311	2.29E-15	85.36413455
KREMEN2	NM_024507	101.3256137	13.4685519	1.67E-06	7.523126054
HOMER3	NM_001145722	47.03989941	4.819317288	0.000946008	9.76069775
DSCAS	NR_110785	32.22393965	0.630133445	0.000822358	51.13827857
TEP1	NM_007110	200.5302455	0.231924264	6.75E-30	864.6367638
IGBP1	NM_001551	35.34620525	1.864620876	0.003388516	18.95624237
CRYL1	NM_015974	112.2239396	1.083328024	1.56E-12	103.5918366
SNAI3	NM_178310	46.50965393	3.549926385	0.000603196	13.10158265
EEF1B2	NM_021121	70.16216501	15.18381885	0.00079607	4.620851034
ARMC2	NM_001286609	98.46847084	0.31522684	3.71E-12	312.373372
TOR1AIP1	NM_001267578	67.03989941	2.867342169	2.25E-06	23.38050203
GLE1	NM_001003722	122.3861047	0.944584923	1.51E-14	129.5660154
PRICKLE1	NM_153026	28.83655131	0.771021804	0.002409353	37.40043557
TRIM45	NM_025188	64.4478793	3.891040816	4.78E-06	16.56314656
MED1	NM_004774	110.4272878	4.99631736	6.49E-10	22.1017361
MRPL45	NM_032351	55.87645073	2.712023519	1.31E-05	20.60323236
TXNRD3	NM_001173513	135.8764507	1.032929993	9.03E-16	131.5446852

IRAK2	NM_001570	33.01930787	0.215457424	0.000192779	153.2521243
MPC2	NR_026550	66.77477667	2.337442338	7.87E-07	28.56745409
NOM1	NM_138400	90.16216501	3.734039407	2.02E-08	24.14601326
ZNF48	NM_001214907	75.08108251	10.87825277	6.37E-05	6.901943176
MAP2K1	NM_002755	117.4079799	2.616370178	2.06E-11	44.87437628
RFC4	NM_002916	77.93822536	5.339336795	7.50E-07	14.59698617
RCE1	NM_005133	149.1016741	18.39595097	1.56E-09	8.105135435
ZC3H18	NM_144604	64.18275656	1.04991022	2.27E-07	61.13166187
GBAS	NM_001483	77.67310262	0.650702245	3.66E-10	119.3681184
B3GAT3	NR_109991	135.8764507	9.145125458	1.09E-11	14.85780062
ACVR2B	NM_001106	45.97940845	4.034433625	0.001526476	11.39674431
CAPRIN1	NM_203364	162.8571429	2.68685924	3.62E-17	60.61245801
SIRT3	NM_012239	123.9176338	4.462142947	7.00E-12	27.77087944
ICOSLG	NM_001283052	107.3050222	4.077914326	7.79E-11	26.31370195
ITSN2	NM_006277	152.2239396	0.292613303	3.13E-19	520.2222109
PXT1	NM_152990	81.06049096	0.505099852	2.09E-10	160.4840917
UNC13B	NM_006377	130.6924105	0.03857428	1.75E-20	3388.071251
CEMIP	NM_001293304	37.93822536	0.925214148	0.000314345	41.00480462
CLTCL1	NM_001835	112.2239396	1.456184267	4.07E-11	77.06712825
RPL19	NM_000981	153.0193079	17.79257744	4.34E-10	8.600176584
PAIP1	NM_006451	161.8558592	1.190932034	4.74E-20	135.90668818
LITAF	NR_024320	38.99871632	2.624751991	0.00107253	14.85805762
SNHG20	NR_027058	116.6718189	6.923060343	6.61E-10	16.85263643
ERLEC1	NM_001127398	94.81595977	0.722992519	2.40E-11	131.1437633
CNST	NM_152609	95.08108251	0.123474104	1.21E-13	770.0487752
LRTOMT	NM_001145307	112.7541851	3.575184312	3.71E-11	31.53800624
ZBED3	NM_032367	130.162165	0.973607238	1.32E-17	133.69063
GSKIP	NM_016472	158.7335936	1.71874824	2.42E-19	92.35418539
ANAPC7	NM_001137664	61.85585918	2.475763762	2.99E-06	24.98455633
IL4I1	NM_001258017	106.7747767	3.221855785	1.15E-10	33.14076849
DAGLB	NM_139179	124.713002	3.445534837	8.03E-12	36.19554233
SENP3	NM_015670	46.77477667	6.204005179	0.00364738	7.539448361
TPX2	NM_012112	78.73359358	1.219731596	3.83E-08	64.54993362
RABL2B	NM_001130923	112.4890624	3.181856771	2.29E-11	35.35327656
WDR6	NM_018031	89.63191953	16.7019094	7.93E-05	5.366567222
DMTF1	NM_001142326	178.4684708	1.833613576	8.47E-20	97.33156056
VMP1	NM_030938	104.9781248	2.093841078	3.21E-10	50.13662491
NADK2	NM_001287340	26.77477667	0.238776718	0.002024804	112.1331128
CCT7	NM_006429	163.9176338	6.230526733	3.38E-15	26.30879231
VWA9	NM_001136043	112.4890624	3.003880803	1.46E-11	37.44791147
MCEE	NM_032601	89.63191953	1.84416655	6.96E-10	48.60294181
PQLC1	NM_001146345	77.40797988	1.181190478	5.22E-08	65.53386717
RAB3D	NM_004283	89.89704227	4.416767344	3.47E-08	20.35358335
TSPAN14	NM_001128309	100.2651227	2.396822314	7.01E-10	41.83252224
BLOC1S3	NM_212550	89.10167405	7.618910067	8.66E-07	11.69480585
IL22RA1	NM_021258	49.10167405	2.213950437	8.89E-05	22.17830771
PIGM	NM_145167	67.30502215	5.735430899	1.74E-05	11.73495476
CD82	NM_001024844	123.3873883	1.896485921	7.97E-13	65.06106213
DDB2	NM_001300734	81.06049096	4.366606059	4.67E-07	18.56372887
ETFDH	NM_004453	69.63191953	1.284489948	3.82E-07	54.20978157
RNF138	NM_016271	117.9382254	2.624630457	3.73E-12	44.93517366
MEGF6	NM_001409	54.81595977	1.287977682	4.44E-05	42.55971243
ADSS	NM_001126	92.22393965	2.022840232	2.40E-09	45.59131175
PAQR5	NM_017705	73.01930787	1.730151973	4.25E-07	42.20398497
GRHL1	NM_198182	55.61132799	0.445099295	5.30E-07	124.9413977
IER5L	NM_203434	193.2844306	33.72675532	1.27E-09	5.730893137
PARL	NM_001037639	112.4890624	1.791819114	1.54E-11	62.77925126
HPSE	NM_001098540	87.03989941	0.810748479	1.29E-09	107.3574625
RBM8A	NM_005105	118.4684708	13.12906921	6.78E-08	9.023371644
SNRPD2	NM_177542	72.22393965	13.85285299	0.000409919	5.213650912
HPCAL4	NM_001282397	105.5083703	1.189203245	8.30E-14	88.72189906
CNOT4	NM_001190849	124.4478793	0.309931906	9.59E-16	401.5329715
KLF6	NM_001160124	117.9382254	10.98978973	7.85E-09	10.73161801
ASB7	NM_198243	72.75418513	0.873607615	1.04E-08	83.28016368

VPS51	NM_013265	101.3256137	1.714892935	6.06E-12	59.08567912
11-Sep	NM_018243	137.6731026	1.194181482	1.97E-14	115.286583
GNL3	NM_014366	107.8352676	9.688878461	3.87E-08	11.12979878
C11orf54	NM_001286068	41.85585918	3.36002878	0.000463975	12.45699425
KDM5C	NM_004187	51.42857143	0.843384632	2.03E-06	60.97878655
C21orf91	NM_001100421	135.0810825	2.088682927	6.52E-15	64.67285233
CDC16	NM_003903	138.4684708	1.275292878	8.17E-16	108.577781
USP34	NM_014709	40.26512274	1.354490797	0.000180327	29.72712907
ZNF92	NM_001287533	112.7541851	2.575879642	6.18E-12	43.77307981
RET	NM_020975	140.5302455	0.883745436	3.04E-16	159.0166576
SMG1	NM_015092	238.4684708	1.225112555	1.51E-25	194.6502547
BMP2K	NM_198892	103.6525111	0.712324029	8.07E-12	145.5131468
SFXN3	NM_030971	81.59073644	15.0826181	8.80E-05	5.40958711
RIF1	NM_001177663	77.20206442	1.199503594	8.94E-08	64.3616783
ANKRD11	NM_001256182	61.85585918	3.845915945	9.42E-06	16.08351822
VKORC1L1	NM_173517	65.71428571	1.047300572	1.56E-07	62.7463476
MTRR	NM_002454	75.87645073	0.957624153	1.23E-08	79.23406115
FAM177A1	NM_173607	149.8970423	0.908221933	2.83E-18	165.0445083
LINC00471	NR_024079	183.6525111	5.073006339	1.76E-19	36.20190846
ENTPD2	NM_001246	81.3256137	2.267397576	3.74E-09	35.86738142
HMG20A	NM_018200	106.7747767	0.598144961	2.39E-13	178.5098656
RELL1	NM_001085400	129.1016741	0.97345911	5.84E-14	132.6215685
ACOX3	NM_003501	61.59073644	1.151004099	3.69E-06	53.51044056
MINK1	NM_153827	173.2844306	2.656611574	5.42E-18	65.22761261
DDAH1	NM_012137	120.7953682	0.107399032	2.99E-17	1124.734236
BECN1	NM_003766	112.4890624	1.652888967	1.03E-12	68.05603077
SLC7A8	NM_012244	121.8558592	0.428893885	1.20E-16	284.1165694
TXLNA	NM_175852	101.3256137	8.201306775	3.65E-08	12.35481326
RFK	NM_018339	157.9382254	5.967190273	3.39E-15	26.46777095
CCAR2	NR_033902	72.75418513	4.910602102	2.61E-06	14.81573616
DDIT4	NM_019058	274.3449216	25.3826405	8.91E-18	10.80836809
GORASP1	NR_103866	75.34620525	7.560821759	7.43E-06	9.965346049
C17orf96	NM_001130677	130.9575332	17.25619277	2.97E-08	7.58901659
TGFBR2	NM_003242	67.30502215	2.440177764	1.78E-06	27.58201601
IQGAP3	NM_178229	58.73359358	1.029529009	4.10E-06	57.04899334
NR2C1	NM_001032287	59.26383906	1.740363566	6.76E-06	34.05256248
SPG11	NM_025137	116.9369417	2.28073551	1.66E-11	51.27159251
COX14	NM_001257133	76.14157347	5.603636387	1.55E-06	13.58788619
ATIC	NM_004044	117.6731026	1.915385752	1.37E-12	61.43571993
LOC100652758	NM_001278082	127.5701449	29.44895637	2.72E-05	4.331907158
CPSF4	NM_001081559	118.9987163	7.794759861	2.82E-10	15.26650191
ERF	NM_006494	146.2445312	18.57597843	5.32E-09	7.872776754
SH3RF2	NM_152550	58.73359358	1.349454607	1.19E-05	43.52394905
RDH13	NR_027382	115.3462052	8.22958392	7.22E-09	14.01604338
RPS15	NM_001018	146.2445312	12.45696488	2.85E-10	11.73998101
RPS6KB2	NM_003952	96.14157347	0.335332335	1.37E-14	286.7053468
ZKSCAN5	NM_014569	52.22393965	1.771723242	4.25E-05	29.47635298
SMOX	NM_175841	127.0398994	3.775314538	9.80E-12	33.65014971
MFSD8	NM_152778	47.03989941	2.297760769	0.000286281	20.47206134
SH3TC1	NM_018986	49.36679679	1.27988077	9.18E-05	38.57140287
ALG1	NM_019109	143.9176338	3.36023826	2.62E-15	42.82959204
HSF2	NM_004506	75.61132799	1.14045279	5.04E-08	66.29939324
PHRF1	NM_001286583	66.24453119	4.554381712	1.91E-05	14.54523037
CCDC107	NM_174923	114.3449216	15.75602618	4.24E-07	7.2572183
ZMYND12	NM_032257	60.79536822	0.364832092	9.48E-09	166.6393103
CENPN	NM_018455	132.4890624	8.591664821	1.04E-10	15.42065073
GAD1	NM_013445	64.97812478	2.271674736	1.17E-06	28.6036217
FGF7	NM_002009	28.83655131	0.189951187	0.000823879	151.8103245
ZMYM2	NM_001190965	100.2651227	1.605242459	9.62E-10	62.46104578
LOC100129518	NR_037166	118.4684708	19.30458602	2.21E-06	6.136804525
RAB5A	NM_004162	120.5302455	0.702201436	1.09E-14	171.6462531
NOMO2	NM_001004060	196.4066962	2.104203569	4.20E-21	93.34015925
NDUFAF1	NM_016013	133.5495533	2.005450855	2.40E-15	66.59328151
PDDC1	NM_182612	105.7142857	9.027455757	2.14E-08	11.71030782

TMEM18	NM_152834	92.48906239	3.572251876	2.04E-09	25.89096895
ANKRD27	NM_032139	50.69241049	1.816191257	8.25E-05	27.91138339
TMEM120A	NM_031925	66.77477667	4.07347958	2.96E-06	16.39256448
LSM14A	NM_001114093	101.060491	1.661958298	2.82E-10	60.8080787
PTRH2	NM_016077	84.97812478	12.38923518	1.34E-05	6.859029112
POP7	NM_005837	118.4684708	5.734507674	2.19E-09	20.65887389
ALDH2	NM_000690	131.4285714	1.365435875	1.06E-14	96.25393167
GUSBP11	NR_024448	138.2033481	2.538793137	9.92E-14	54.43663214
MIR22HG	NR_028505	80.79536822	11.0685009	4.79E-05	7.299576423
BTBD1	NM_025238	113.0193079	2.443974444	1.20E-11	46.24406288
MBTPS2	NM_015884	100.5302455	0.515224775	1.83E-13	195.119199
STAM-AS1	NR_110370	76.14157347	3.096414317	5.64E-08	24.59024074
COPE	NM_199442	129.8970423	1.936552825	3.69E-15	67.07642601
UNC93B1	NM_030930	72.48906239	5.24305528	2.23E-06	13.82572918
HMCES	NM_020187	123.3873883	1.462678468	2.20E-14	84.35715095
CHRAC1	NM_017444	176.4066962	27.51324098	8.98E-10	6.411701781
ASCC2	NM_001242906	113.2844306	2.202609739	9.04E-12	51.43191215
ZNF148	NM_021964	68.83655131	0.398283132	4.15E-08	172.8332079
SLC18B1	NM_052831	158.9987163	1.764136107	1.03E-18	90.1283726
AHNAK2	NM_138420	57.67310262	5.315081344	0.000143934	10.85084101
FAM83F	NM_138435	98.46847084	0.648189798	9.44E-12	151.9130217
C12orf66	NM_152440	103.6525111	1.40580816	1.33E-11	73.7316186
HIATL2	NR_002894	66.50965393	1.06223003	1.18E-07	62.6132307
ARMC1	NM_001286702	168.6306359	1.661775847	8.47E-20	101.4761624
ZBTB8A	NR_111980	43.91763382	1.265801102	0.000503255	34.69552503
FCHO2	NM_138782	72.48906239	0.056683182	9.44E-11	1278.846022
PRRC1	NM_130809	120.2651227	1.324395084	1.54E-13	90.80758768
HOXA13	NM_000522	37.40797988	2.572157362	0.001420846	14.54342586
MAN2C1	NM_001256496	224.4478793	9.500104285	1.72E-20	23.62583321
CEP68	NM_015147	89.89704227	6.187324424	1.11E-07	14.52922719
TMEM8B	NM_016446	74.81595977	2.338478316	5.94E-08	31.99343747
PDPK1	NM_031268	41.06049096	1.070659875	0.000114173	38.35063955
BIRC5	NM_001012271	114.0797988	5.094189578	1.23E-10	22.39410157
ZNF622	NM_033414	124.1827566	3.239916267	5.52E-13	38.32900184
D2HGDH	NM_001287249	186.2445312	2.813694653	2.95E-19	66.19216162
STEAP3	NM_001008410	176.4006962	3.896735523	3.01E-17	45.27037956
RNF181	NM_016494	92.22393965	12.95670138	1.60E-05	7.117856385
ZNF749	NM_001023561	94.81595977	0.610702886	1.10E-13	155.2571011
SCFD2	NM_152540	27.03989941	0.054667166	0.003332421	494.6277919
SLC25A40	NM_018843	106.5096539	0.632352439	9.58E-13	168.434005
PRR13	NM_018457	135.3462052	11.91707486	4.06E-10	11.35733449
ZNF428	NM_182498	145.773493	8.16615987	1.30E-12	17.85092324
C7orf60	NM_152556	94.81595977	0.621722288	4.81E-11	152.5053253
P4HB	NM_000918	133.2844306	7.19752644	6.30E-12	18.51808836
SHMT1	NM_004169	92.48906239	1.791268678	1.21E-09	51.63327172
ELOVL7	NM_024930	133.2844306	1.04203071	3.09E-14	127.9083517
TMEM126A	NM_032273	78.46847084	3.117373947	7.36E-08	25.17133722
HES2	NM_019089	140.7953682	10.20596658	3.70E-11	13.79539773
SRSF7	NM_001031684	169.6319195	14.55118231	9.35E-13	11.65760389
CXCL1	NM_001511	95.34620525	12.99871403	1.96E-05	7.335049069
FBL	NM_001436	140.2651227	6.556468489	2.13E-12	21.39339539
HDAC11	NM_001136041	77.40797988	3.199667898	9.09E-08	24.19250446
TCEA1	NM_201437	52.22393965	1.343770071	5.83E-05	38.8637467
CA2	NM_000067	95.87645073	3.020755642	1.45E-09	31.73922756
LOC100288069	NR_033908	94.81595977	0.315645649	2.55E-14	300.387349
NDUFS3	NM_004551	164.4478793	4.229417143	8.41E-18	38.8819248
YWHAE	NR_024058	123.9176338	3.659572611	3.58E-11	33.86123108
EPHX1	NM_001136018	55.34620525	2.341432948	3.06E-05	23.6377494
ERI2	NM_080663	147.8352676	0.739759903	8.50E-20	199.8422285
PMS2P1	NR_003613	200.2651227	5.027563828	1.71E-20	39.83343217
FIBP	NM_004214	166.5096539	11.8446763	3.38E-13	14.05776315
HOMER1	NM_001277077	57.67310262	0.221822025	4.03E-07	259.9971878
RAN	NM_001300796	102.8571429	8.886693242	4.65E-08	11.57428754
ZADH2	NM_175907	57.93822536	1.597189851	2.02E-06	36.27510237

TRAF2	NM_021138	40	2.732197597	0.001088362	14.64022955
WBP5	NM_016303	61.06049096	5.037595057	0.000106865	12.12096055
DYNLT1	NM_006519	109.8970423	9.228416753	3.25E-08	11.90854783
KCTD7	NM_001167961	69.63191953	3.425067593	2.88E-06	20.33008624
ADAM19	NM_033274	81.59073644	0.958111101	1.68E-09	85.15790743
SDR42E1	NM_145168	144.713002	1.489995362	4.91E-18	97.12312247
JMJD6	NM_015167	92.48906239	7.272742938	3.11E-07	12.71721869
CRTAP	NM_006371	114.550837	2.006311171	2.44E-12	57.09524958
YIF1B	NM_001145463	63.1222656	14.69080402	0.003987591	4.296719602
ACOXL	NM_001142807	106.5096539	0.328766649	6.46E-12	323.967331
PARP3	NM_005485	107.0398994	6.72056109	3.01E-09	15.92722661
PIP5K1A	NM_003557	132.4890624	2.671901942	1.73E-13	49.58604967
CDC7	NM_003503	122.1209819	2.432401014	1.45E-13	50.20594104
LACTB2	NM_016027	186.7747767	0.333391995	1.78E-27	560.2257389
ABI2	NM_001282925	104.9781248	0.808546992	2.65E-12	129.835527
PCM1	NM_006197	81.59073644	0.749887543	1.29E-09	108.8039629
UIMC1	NM_001199297	129.1016741	0.958752647	7.19E-15	134.6558724
CSK	NM_004383	60.26512274	1.931827593	3.18E-06	31.19591155
CBLC	NM_001130852	117.7323099	6.602506928	6.12E-10	17.83145572
LOC101929099	NR_110786	35.08108251	0.320320387	0.000117095	109.5187316
IL17RA	NM_001289905	104.1827566	4.186149671	2.21E-09	24.88748964
LOXL2	NM_002318	111.9588169	0.620627924	2.67E-13	180.3960353
DFNB59	NM_001042702	81.59073644	0.706471556	1.51E-11	115.4904762
YIF1A	NM_020470	126.7747767	7.471785009	9.92E-11	16.96713389
WIBG	NM_001143853	66.50965393	0.956314044	2.34E-07	69.54792137
HNRNPD	NM_031369	74.07979883	3.797160653	1.31E-06	19.50926116
CFAP61	NM_015585	25.24324752	0.028961006	0.001596169	871.6288265
RPL23AP7	NR_024528	101.5907364	1.658226743	2.41E-12	61.26468341
NDUFAF7	NM_144736	109.8970423	2.493492887	3.09E-11	44.0735335
CGGBP1	NM_001008390	124.1827566	2.642341219	6.60E-14	46.99724458
KBTBD2	NM_015483	83.1222656	3.494411071	1.65E-07	23.78720303
ZSWIM8	NM_015037	52.48906239	6.207500897	0.001398203	8.455747853
LOC100294362	NR_029376	99.26383906	0.239116263	2.90E-14	415.1279286
OSGEP	NM_017807	67.30502215	7.684245513	7.78E-05	8.758832866
SYNJ2BP-COX16	NM_001202547	83.38738834	1.700110788	4.60E-08	49.04820847
H2AFJ	NM_177925	78.2033481	2.885240154	2.96E-08	27.10462351
THRB	NM_000461	61.59073644	0.165398024	2.18E-07	372.3789142
MED21	NM_001271811	95.61132799	1.452390036	1.44E-11	65.83033871
RHBDD3	NM_012265	95.87645073	13.04393389	3.10E-06	7.350271134
DPP9	NM_139159	67.30502215	3.325229245	1.51E-06	20.24071641
TMEM39B	NM_018056	166.7747767	0.089442381	2.41E-27	1864.605734
ARL6	NM_177976	31.22265597	0.522654074	0.000487769	59.73866376
TUBGCP3	NM_001286277	132.7541851	1.264012729	1.57E-13	105.0259875
DUSP1	NM_004417	226.7747767	17.71665081	1.02E-16	12.80009293
UBAP2	NM_001282529	156.1415735	2.18204463	1.41E-15	71.55746097
TCF7L1	NM_031283	43.1222656	1.776520374	0.000714246	24.27344275
WNT7B	NM_058238	97.93822536	1.130739564	2.58E-10	86.61430846
RCC2	NM_001136204	63.65251108	2.30555148	3.17E-06	27.60836686
DSG2	NM_001943	105.7142857	1.637137002	4.63E-11	64.57265677
STAT1	NM_007315	141.8558592	3.392391107	1.48E-13	41.81589172
GALK2	NM_001289030	69.63191953	0.13324235	4.75E-09	522.5960048
SNAP47	NM_053052	158.4684708	2.536881127	1.26E-16	62.46586376
MAST2	NM_015112	71.69369417	0.367169412	3.17E-08	195.2605306
AGTRAP	NM_001040195	103.9176338	6.582978772	8.89E-09	15.78580722
VANGL1	NM_001172411	111.9588169	1.453924192	9.30E-12	77.00457664
SNF8	NM_007241	153.0193079	14.12590348	3.09E-11	10.83253245
USP20	NM_006676	63.91763382	1.43359896	2.85E-06	44.5854354
CDKL1	NM_001282236	33.28443061	1.677044978	0.004012704	19.84707091
STRADB	NM_001206864	115.611328	0.245673569	9.53E-17	470.5891987
XRCC5	NM_021141	84.4478793	2.399161958	3.23E-08	35.19890728
PIAS1	NM_016166	55.34620525	1.62546455	4.97E-05	34.04946927
SLC50A1	NM_001122837	198.9987163	28.15725564	3.65E-11	7.06740454
DCTN5	NM_001199743	75.87645073	3.596023195	1.03E-06	21.10010047
DSCC1	NM_024094	162.1209819	4.608391498	1.95E-16	35.17951589

PTBP3	NM_001244898	60.79536822	0.922279216	8.11E-07	65.91861466
CILP2	NM_153221	97.67310262	8.254921065	9.68E-08	11.83210619
PAQR8	NM_133367	160.7953682	2.349130467	4.12E-17	68.448888
SENPI	NR_051992	104.4478793	0.731996274	4.32E-13	142.689086
NUDT9	NM_001248011	60.79536822	2.002583647	6.59E-06	30.35846634
OPTN	NM_001008212	75.61132799	1.400375672	9.74E-08	53.99360292
SNHG16	NR_038111	136.9369417	12.78911005	2.42E-10	10.7073081
WIP1	NM_017983	131.9588169	3.442060961	1.60E-12	38.33715277
CDC42EP4	NM_012121	181.060491	8.816287139	4.25E-15	20.5370456
KAT2B	NM_003884	60.79536822	1.17044934	9.58E-07	51.94190482
DNAJC11	NM_018198	57.93822536	1.413713039	1.68E-05	40.9830169
TBC1D15	NM_022771	100.7953682	0.187055456	3.86E-14	538.8528631
ZNF75D	NM_007131	30.16216501	0.891907164	0.000953963	33.81760593
PRPS2	NM_002765	69.36679679	1.998788216	6.25E-07	34.70442553
CD164L2	NM_207397	66.50965393	5.205894884	2.87E-05	12.77583497
CHCHD1	NM_203298	97.93822536	8.149060326	1.42E-06	12.01834585
MRPL19	NM_014763	61.06049096	2.49339738	2.95E-06	24.48887267
UPF1	NM_002911	172.2239396	2.266483273	4.93E-19	75.98729791
COL4A4	NM_000092	50.42728775	1.478127605	9.83E-05	34.11565252
GCLC	NM_001197115	138.9987163	1.958963667	5.85E-15	70.95522938
ZNF503-AS2	NR_110302	49.36679679	9.017587095	0.004601697	5.474501801
UBL3	NM_007106	95.08108251	0.443142915	7.53E-12	214.5607643
FLYWCH1	NM_032296	109.1016741	3.03472535	4.71E-11	35.95108666
ELMOD3	NM_001135023	63.38738834	2.850794578	4.44E-06	22.23498979
HEXDC	NM_173620	203.6525111	6.189881148	3.04E-19	32.90087583
HUWE1	NM_031407	108.8365513	1.545275733	1.37E-10	70.43179998
RGCC	NM_014059	83.65251108	3.099700166	4.36E-08	26.98729122
TMEM185A	NM_001282302	63.1222656	1.302145377	1.21E-06	48.47559015
MYH14	NM_001077186	95.34620525	0.957593714	8.96E-11	99.56853706
N4BP1	NM_153029	51.69369417	0.730475442	4.21E-06	70.76718968
DSC3	NM_024423	35.61132799	0.595748609	0.000333882	59.77576353
MBD2	NM_015832	63.1222656	2.652098802	2.44E-06	23.80087256
IPO7	NM_006391	107.0398994	3.17385816	2.26E-10	33.725483
SGSH	NM_000199	132.7541851	4.087695477	3.52E-13	32.47653498
PRORS1P	NR_027258	72.75418513	4.2919288	2.50E-06	16.9513961
PEX16	NM_004813	92.22393965	4.252046883	1.67E-08	21.68930451
COX7A2	NR_029466	89.10167405	7.619900734	3.62E-07	11.69328541
AKAP11	NM_016248	60.79536822	1.180654255	5.37E-06	51.49294805
ZNF488	NM_153034	95.87645073	0.975990495	3.55E-12	98.23502506
ZNF564	NM_144976	152.4890624	1.189537726	7.49E-19	128.1918674
SMYD4	NM_052928	226.5096539	1.354125571	1.31E-26	167.2737438
KIF23	NM_004856	59.26383906	2.494583417	7.56E-06	23.75700835
ATG16L1	NM_001190266	80.79536822	2.669283198	6.90E-08	30.26856359
NRGN	NM_006176	71.95881691	8.838340052	4.20E-05	8.141666476
THOC1	NM_005131	61.3256137	1.098379358	5.16E-06	55.83281703
LOC101928784	NR_120339	90.16216501	0.441992436	3.25E-12	203.9902894
QARS	NM_005051	86.24453119	6.186620447	2.34E-07	13.94049173
CRIP1	NM_014171	57.93822536	0.374998681	9.30E-08	154.5024778
DNASE2	NM_001375	115.611328	6.223413339	1.72E-10	18.57683584
TMX3	NM_019022	78.2033481	0.753811298	8.48E-10	103.7439321
CNOT2	NM_001199303	46.24453119	0.222273643	9.19E-06	208.0522482
TTC19	NM_017775	133.0193079	4.616721202	9.93E-13	28.81250611
SRSF5	NM_001039465	147.8352676	12.41254513	4.46E-11	11.91014946
COQ2	NM_015697	106.7747767	1.892370397	4.72E-12	56.42382528
DVL2	NM_004422	152.7541851	7.042452576	4.43E-14	21.69048119
CEP83	NM_001042399	113.0193079	0.303013052	3.22E-14	372.984949
CENPBD1	NM_145039	181.3256137	6.076591751	1.70E-17	29.84001907
RAB7A	NM_004637	132.2239396	1.775611368	2.48E-13	74.46671159
KLHL25	NM_022480	78.73359358	2.230630609	4.07E-08	35.2965629
ZBTB10	NM_023929	69.89704227	2.083142896	8.46E-07	33.55364742
WDR78	NM_207014	60.79536822	0.247659118	8.58E-08	245.4800319
ITPRIPL2	NM_001034841	100.7953682	9.078910569	2.11E-07	11.10214353
STARD8	NM_014725	55.34620525	0.340958228	7.63E-07	162.3254719
KIAA1467	NM_020853	69.63191953	1.361369018	4.65E-07	51.14845322

IKBKAP	NM_003640	61.3256137	1.410669893	8.21E-06	43.47268912
SLC25A25	NM_001006641	132.2239396	2.733384839	1.03E-13	48.37370053
ZNF292	NM_015021	87.83526763	0.593381192	1.69E-10	148.025028
PTTG1	NM_001282383	89.63191953	1.858747756	1.49E-10	48.22166925
PDK1	NR_103729	73.01930787	1.607878103	1.50E-07	45.41345996
OPA1	NM_130834	116.9369417	0.582681925	3.92E-14	200.6874362
MKRN2	NM_001271707	232.2239396	2.416431406	2.51E-26	96.10202013
CD55	NR_125349	49.36679679	1.049573637	7.27E-05	47.03509603
ACVR1B	NM_020328	52.75418513	1.700354688	5.94E-05	31.02540046
GSTT2	NM_000854	241.5907364	37.63971644	8.38E-13	6.418505752
HBS1L	NM_001145158	86.50965393	0.728149726	4.45E-10	118.8075074
C1orf53	NM_001024594	107.3050222	14.2915022	3.63E-07	7.508309528
ADK	NM_001123	118.2033481	0.100520746	2.52E-14	1175.909982
TXNRD2	NM_006440	97.93822536	1.037534438	3.10E-10	94.39515623
NR2C2	NM_001291694	35.34620525	1.840720276	0.004409316	19.2023773
STYXL1	NM_016086	126.7747767	3.506984001	1.47E-11	36.14923155
FADS2	NM_001281502	53.28443061	3.098798702	4.41E-05	17.1951894
GPATCH2	NM_018040	166.7747767	0.09243453	5.82E-24	1804.247571
CCNDBP1	NR_045999	94.55083703	4.068218454	2.48E-09	23.24133723
PNN	NM_002687	101.3256137	8.328821812	4.26E-08	12.16565992
PUS7	NM_019042	220.5302455	2.143271645	1.17E-23	102.8942113
KIAA1715	NM_030650	186.5096539	0.556683043	2.50E-24	335.0374259
SLC25A27	NM_004277	75.87645073	2.261722578	4.90E-08	33.54808033
NOC3L	NM_022451	103.9176338	0.595974135	5.04E-13	174.3660131
EFTUD2	NM_001258353	70.69241049	1.55854004	3.63E-07	45.35809711
DNAJC9-AS1	NR_038373	146.2445312	8.167141609	1.67E-12	17.90645224
ZNF121	NM_001008727	130.4272878	1.467565022	2.48E-16	88.87325999
DDX19A	NM_018332	82.6512274	2.321947929	1.20E-08	35.59564208
CLTB	NR_045724	73.54955335	0.621788124	4.27E-09	118.2871633
URB1	NM_014825	126.7747767	3.046754847	2.35E-12	41.60977271
TIMM23B	NM_001290117	112.2239396	1.318560021	7.49E-12	85.11098311
NSMCE2	NM_173685	72.48906239	0.864272497	7.72E-08	83.87292507
ARMC9	NM_001291656	81.85585918	0.388736134	6.71E-10	210.5692065
NR6A1	NM_001489	123.1222656	1.61661362	8.11E-12	76.16060143
CYTH3	NM_004227	45.71428571	0.930310797	3.16E-05	49.13872426
SUPT7L	NM_001282730	191.9588169	2.421345604	1.76E-22	79.27774399
NMRAL1	NM_020677	67.83526763	9.443155638	0.000144962	7.183538028
RPS24	NM_001142284	93.28443061	13.0311853	4.69E-06	7.158553001
MED22	NM_181491	69.36679679	11.50473957	0.00033514	6.029410431
SUZ12	NM_015355	112.4890624	2.062021738	2.78E-11	54.55280142
DHX36	NM_001114397	67.03989941	1.164643424	1.12E-06	57.56259643
CD274	NM_001267706	70.42728775	0.626037537	5.74E-09	112.4969089
RBM12	NM_006047	146.5096539	6.131522411	1.54E-13	23.89449864
ITGA7	NM_001144996	29.36679679	0.525162557	0.000823879	55.91944129
C11orf30	NM_001300943	52.75418513	0.354963591	2.95E-06	148.6185807
ZNF507	NM_001136156	59.26383906	0.672090704	1.40E-07	88.17833467
NOL8	NM_017948	153.8146761	3.93544471	2.88E-15	39.08444596
CENPE	NM_001286734	96.67181894	0.431970587	3.71E-12	223.7925958
IARS	NM_013417	75.34620525	2.206899524	4.19E-07	34.14120328
CDADC1	NR_036439	109.1016741	0.328444993	1.34E-15	332.1763963
DERL1	NM_024295	88.10039037	0.615691805	6.36E-11	143.0917055
YPEL2	NM_001005404	49.10167405	1.530560669	0.000143555	32.08084139
IER5	NM_016545	135.0810825	19.53776665	1.77E-07	6.913844604
NTPCR	NM_032324	47.30502215	0.335783681	6.04E-07	140.8794556
TMEM132A	NM_017870	109.3667968	2.639298037	1.16E-11	41.43783508
WDYHV1	NM_001283027	157.9382254	2.12089838	3.10E-18	74.46760619
ABHD14A	NM_015407	160.7953682	5.611077958	7.43E-16	28.6567696
TRDMT1	NM_004412	51.95881691	2.347495834	8.18E-05	22.1337206
CREB1	NM_134442	188.8365513	1.312683748	1.08E-20	143.8553281
TRAPPC2L	NM_016209	144.1827566	3.939080556	1.01E-14	36.60315003
SESN2	NM_031459	163.9176338	2.615186062	1.49E-17	62.67914785
PKMYT1	NM_182687	104.1827566	14.70689477	3.35E-06	7.083939758
MISP	NM_173481	89.63191953	3.101223108	8.12E-09	28.90211907
GPR160	NM_014373	83.65251108	1.022543768	7.25E-09	81.80824499

LOC101927221	NR_125415	173.2844306	3.257329054	4.58E-19	53.19831916
URM1	NM_001135947	94.81595977	1.530566372	6.97E-11	61.94828365
RAB30-AS1	NR_038903	104.1827566	7.858454905	2.70E-07	13.25740973
NR2C2AP	NM_176880	92.48906239	10.60944762	3.07E-06	8.717613365
ATXN2L	NM_145714	69.36679679	8.842699123	0.00014574	7.844527539
FZD6	NM_001164616	78.46847084	1.078572987	1.94E-08	72.75211953
AGGF1	NM_018046	78.46847084	0.814718417	1.03E-08	96.3136087
MTX1	NM_198883	58.2033481	8.313605537	0.00068545	7.00097543
RBL2	NM_005611	55.61132799	0.52942277	9.06E-07	105.041436
CAPZA1	NM_006135	83.38738834	1.631579657	2.15E-08	51.10837707
ATP6V0A1	NM_001130020	129.8970423	3.128578832	8.09E-13	41.5195043
LOC729970	NR_033998	29.36679679	1.005013554	0.001720332	29.22029926
CHRNB1	NM_000747	47.30502215	7.019969809	0.002385332	6.738636125
CTH	NM_001190463	101.060491	1.69277189	5.14E-11	59.70118688
TCTEX1D2	NM_152773	112.2239396	1.972260033	2.57E-12	56.90118837
VWA3B	NM_144992	40.53024548	0.438633331	0.00013333	92.40119839
TELO2	NM_016111	117.9382254	0.922610896	2.04E-15	127.8309479
PLA2G4A	NM_024420	54.81595977	0.131955562	4.85E-07	415.4122712
PRRT3-AS1	NR_046734	81.06049096	1.142695183	7.27E-10	70.93798257
LOC374443	NR_002814	66.50965393	1.651906743	1.03E-07	40.26235392
OAS3	NM_006187	78.46847084	0.399865516	7.41E-11	196.2371542
FIRRE	NR_026975	35.34620525	0.187112086	0.000266886	188.9039129
ARRDC3-AS1	NR_027435	68.10039037	4.426328176	1.05E-05	15.38530079
LYPD6	NM_001195685	132.7541851	1.153631937	2.80E-13	115.0749913
SLC25A42	NM_178526	52.22393965	1.427916661	5.55E-05	36.57352077
MRPL38	NM_032478	95.61132799	10.16714632	7.47E-07	9.403949251
PTPLA	NM_014241	159.2638391	0.660518462	1.03E-21	241.119436
ZNF565	NM_152477	70.69241049	0.96617087	7.45E-08	73.167607
ATP6V0A2	NM_012463	122.1209819	1.420108904	2.51E-13	85.99409635
VCAN	NM_001126336	29.89704227	0.900763553	0.002400129	33.19077706
DENND5B-AS1	NR_046909	61.06049096	1.695752017	3.52E-06	36.00791292
LTBR	NM_002342	97.93822536	10.16980141	5.12E-07	9.630298702
PRDM1	NM_001198	58.99871632	0.708776812	6.50E-07	83.24018974
ZBED3-AS1	NR_024398	82.12098192	0.714568843	3.69E-10	114.9238211
PTK6	NM_001256358	129.1016741	8.853668876	2.43E-10	14.58171475
RPL12	NM_000976	181.8558592	44.69255494	2.32E-07	4.069041464
RAB35	NM_006861	61.06049096	1.007319246	1.12E-06	60.61682153
CYB561	NM_001017916	84.4478793	5.437981624	4.02E-07	15.52926897
SLC35D1	NM_015139	110.162165	1.544076378	1.05E-11	71.34502319
ARPIN	NM_182616	50.16216501	4.929532414	0.000328766	10.17584647
MAP7D1	NM_018067	46.77477667	4.538549171	0.00138146	10.30610773
HOXA11	NM_005523	74.81595977	15.67385656	0.000585034	4.773296186
SFXN4	NM_213649	183.9176338	3.809887717	5.72E-19	48.27376749
PRDM4	NM_012406	71.69369417	2.245796187	2.79E-07	31.92350873
FAM173B	NR_047668	129.1016741	2.348900738	2.28E-14	54.9625925
PEX7	NM_000288	106.5096539	0.299503813	5.41E-14	355.6203601
MYO1B	NM_012223	138.2033481	0.434365017	2.94E-16	318.1732936
PSMG1	NM_001261824	169.6319195	2.045237064	4.46E-21	82.9399792
MRPL11	NM_016050	55.34620525	6.592946812	0.000709389	8.394759859
POU2F1	NR_037163	65.97940845	0.448146878	1.59E-07	147.2271964
GTF2IRD2B	NM_001003795	97.67310262	2.907121671	1.46E-09	33.59787229
HNRNPK	NM_031262	101.060491	6.763182647	1.39E-08	14.94274164
PHAX	NM_032177	69.63191953	0.091174978	6.66E-12	763.717428
LEMD2	NM_181336	129.3667968	5.303432718	1.22E-11	24.39303064
WNT10B	NM_003394	101.5907364	1.803976882	6.06E-12	56.31487713
TMEM87B	NM_032824	103.6525111	1.353986848	1.09E-10	76.55355827
KLHL8	NM_001292007	197.4079799	0.618259806	6.97E-25	319.2961567
RPL27A	NM_000990	209.6319195	41.30815495	5.50E-10	5.074831344
INTS7	NM_001199812	63.91763382	0.334031566	7.57E-08	191.3520766
SUPT20H	NM_001014286	158.2033481	1.142963421	4.64E-18	138.415058
STAT2	NM_005419	63.91763382	4.008679616	2.07E-05	15.94480975
TSC2	NM_001114382	118.7335936	0.358196316	1.46E-17	331.4763114
SMG7	NM_201569	54.55083703	0.853062626	2.58E-06	63.94704842
WRAP73	NM_017818	120.7953682	0.197216255	8.81E-19	612.502089

RAB6A	NM_002869	151.9588169	1.656738439	1.10E-15	91.72167029
C5orf34	NM_198566	67.03989941	0.812890959	2.13E-07	82.47096202
ABTB1	NM_172027	52.75418513	2.767858467	8.43E-05	19.05956744
FAM126B	NM_173822	58.73359358	0.123183334	2.02E-08	476.7982142
AIDA	NM_022831	63.1222656	2.300071119	4.33E-06	27.44361471
WDR5B	NM_019069	121.3256137	6.227636052	2.95E-11	19.48180862
UCHL5	NM_001199263	164.713002	2.219418171	3.99E-18	74.21449649
TRIM65	NM_173547	175.8764507	13.97891874	1.02E-13	12.58154897
CLTA	NM_001184762	130.4272878	3.155137566	2.15E-13	41.33806688
NUDT7	NM_001243657	115.0810825	1.875752347	2.77E-13	61.35195975
NDE1	NM_001143979	90.16216501	4.113420466	8.80E-08	21.91902475
RASSF3	NR_040718	118.2033481	2.789488294	1.78E-11	42.37456324
POLRIE	NM_022490	104.4478793	3.313348598	1.82E-10	31.52335959
RABGEF1	NM_014504	166.7747767	1.894097885	2.13E-17	88.0497138
FTH1	NM_002032	124.5662939	23.44832935	2.35E-06	5.312373944
PRPSAP2	NM_001243941	43.38738834	0.833555805	4.95E-05	52.05097018
CA5BP1	NR_026551	71.42857143	1.825209999	1.99E-07	39.13444012
PRR15	NM_175887	50.69241049	8.447645816	0.001700384	6.000773659
ZNF587	NM_001204817	39.26383906	1.215107783	0.000319591	32.31305043
ANKH	NM_054027	34.81595977	1.58140247	0.004590296	22.01587542
ATP5A1	NM_004046	118.7335936	4.628866823	3.74E-11	25.65068258
ANP32E	NM_001280559	52.75418513	3.181258203	4.63E-05	16.58280522
DPY30	NM_032574	123.1222656	0.799195754	5.70E-17	154.0577073
CDK19	NM_015076	91.95881691	0.443110029	1.57E-10	207.5304348
MTCH1	NM_014341	178.4684708	8.829238584	2.31E-15	20.21334786
SIRT5	NM_012241	118.9987163	2.987747602	2.55E-12	39.8289053
CTNNAL1	NM_003798	145.7142857	1.277580324	1.07E-15	114.0548919
FAM171B	NM_177454	129.8970423	0.558738327	1.77E-16	232.4827848
HTR7	NM_019860	54.81595977	1.404618771	4.49E-05	39.02550707
ZYX	NM_003461	80.26512274	10.41198527	1.02E-05	7.708916277
CCDC58	NM_001017928	52.22393965	1.858047095	3.58E-05	28.10689771
ZC3H13	NM_015070	78.99871632	0.719239148	1.98E-09	109.8365079
TMEM14C	NM_016462	93.01930787	6.650207883	1.19E-07	13.98742859
SEMA7A	NM_001146030	63.65251108	3.354043952	3.52E-06	18.97784048
ITSN1	NM_001001132	123.6525111	0.362653472	1.28E-14	340.9660198
NOC2L	NM_015658	61.3256137	3.237972498	2.64E-05	18.93951037
PNISR	NM_032870	95.87645073	1.639061846	7.32E-11	58.49471205
ERCC4	NM_005236	84.71300204	1.273766155	2.16E-09	66.50592943
BLOC1S1	NR_037657	60.79536822	3.207093816	8.07E-06	18.9565294
CMAS	NM_018686	126.7747767	1.581693378	2.85E-15	80.15129759
CCDC142	NM_032779	69.63191953	7.723411988	2.66E-05	9.015694053
IRAK1BP1	NM_001010844	66.24453119	1.998618433	1.35E-06	33.14516173
PI4KB	NM_001198773	72.22393965	4.073108035	4.81E-06	17.73189884
MRPL20	NM_017971	118.9987163	14.57251857	3.45E-08	8.165967724
CHAMP1	NM_001164145	172.4890624	2.493969782	1.66E-20	69.1624508
SMARCA1	NM_001282875	41.06049096	0.463734989	7.29E-05	88.54300825
SLC6A6	NR_103507	69.63191953	2.239456733	1.69E-06	31.0932194
PTMS	NM_002824	131.4285714	16.70658453	2.51E-08	7.866872562
COA7	NM_023077	109.3667968	3.464674379	2.62E-11	31.56625553
PHF3	NM_001290259	95.61132799	1.064879889	1.05E-09	89.78602088
LOC100996255	NR_102756	143.3873883	0.031299727	3.40E-26	4581.106672
DOCK11	NM_144658	31.95881691	0.643675614	0.001227255	49.65050131
METTL17	NM_022734	69.36679679	4.433906501	7.15E-06	15.64462326
EMC9	NM_016049	206.7747767	21.78140459	3.08E-13	9.493179187
VAMP7	NR_033714	112.4890624	2.071593045	2.70E-11	54.30075306
ADAR	NM_015840	67.57014489	2.380134278	5.86E-07	28.38921548
SPAG9	NM_001130527	76.40669621	1.354889103	2.34E-07	56.39332109
FAM212B	NM_019099	182.3861047	5.071979278	4.40E-18	35.95955241
CBFB	NM_001755	68.83655131	0.024874625	6.66E-12	2767.340233
TMEM161A	NM_017814	158.7335936	4.357919358	1.70E-15	36.42416955
MRPL24	NM_145729	75.08108251	10.02019526	0.000104667	7.492975991
FAAH	NM_001441	88.89575859	2.800266131	1.69E-08	31.7454679
RAB31	NM_006868	77.14285714	1.114340846	1.49E-08	69.22734407
PITPNC1	NM_181671	119.2638391	1.304942733	1.60E-11	91.39392563

SLC2A6	NM_001145099	167.0398994	11.03476098	1.39E-13	15.13760921
NUB1	NM_001243351	98.2033481	1.250784333	1.05E-10	78.51341392
ZNF280A	NM_080740	40.79536822	1.137527589	8.62E-05	35.86319013
LINC01184	NR_015360	156.6718189	1.788735993	1.00E-16	87.58800601
DCTN4	NM_016221	58.2033481	1.695562805	1.55E-05	34.32686064
SLC43A1	NM_003627	60.26512274	1.660928824	4.43E-06	36.28398874
COX15	NM_004376	123.9176338	5.876342487	1.36E-10	21.08754452
SCAF1	NM_021228	50.16216501	5.360651426	0.000345095	9.357475618
CDK9	NM_001261	89.36679679	9.477188631	1.32E-06	9.429673743
SLC4A7	NM_001258379	163.3873883	0.031921518	7.53E-28	5118.409092
DHPS	NM_001930	112.4890624	6.593154275	4.70E-10	17.06149404
ASTE1	NM_014065	77.93822536	4.305584723	3.76E-07	18.10165875
RCBTB2	NM_001286831	78.99871632	0.989942106	1.34E-08	79.80134984
MXI1	NM_130439	82.12098192	3.08266847	6.62E-08	26.6395763
HNRNPLL	NM_001142650	92.22393965	0.501089309	1.92E-12	184.0469115
SLC19A2	NM_006996	105.5083703	1.992383994	6.67E-12	52.95584113
MYL6B	NM_002475	55.34620525	6.275349323	0.000315174	8.819621411
AP5S1	NM_001204447	41.38482098	2.216986253	0.000805004	18.66715272
KIAA0247	NM_014734	65.71428571	0.885956417	1.58E-07	74.1732713
NDUFAF4	NM_014165	81.3256137	4.769988784	5.22E-07	17.049435
BACH1	NM_001186	74.55083703	0.866132156	4.05E-09	86.0732817
IL7	NM_000880	34.07979883	0.347164208	0.000276263	98.16622245
ZNF490	NM_020714	95.34620525	0.531696356	9.31E-12	179.3245416
OGDHL	NM_001143997	44.97812478	0.352180245	2.05E-06	127.7133668
INTS6	NM_001039938	140	30.629826	1.81E-06	4.570708303
CEP85	NM_022778	178.2033481	2.154687737	2.26E-19	82.70495305
TM2D1	NM_032027	92.48906239	1.307591734	9.95E-10	70.73237004
CDCA5	NM_080668	84.18275656	8.275935968	2.16E-06	10.17199225
POC1B	NM_172240	49.89704227	1.460882107	0.00016669	34.15542024
SPATS2	NM_001293286	103.9176338	2.235866195	7.69E-10	46.47757279
MPHOSPH10	NM_005791	99.26383906	4.186130662	2.02E-09	23.71255154
NUDT18	NM_024815	103.6525111	14.94838835	2.95E-06	6.934025839
DNMT1	NM_001379	86.77477667	3.563468221	3.09E-08	24.35121385
PRMT6	NM_018137	70.16216501	10.23475739	0.000108275	6.855283655
RAD51C	NM_002876	209.6319195	3.195380847	2.31E-23	65.60467423
POLR2H	NM_001278715	135.8764507	11.61165155	2.82E-10	11.70173339
SNRNP35	NM_022717	75.87645073	6.054078705	1.67E-06	12.5331127
ELOVL6	NM_001130721	63.91763382	1.869744312	7.48E-06	34.18522704
ATP5J2-PTCD1	NM_001198879	123.6525111	7.892606523	5.59E-10	15.66687896
ACTB	NM_001101	190.4272878	31.93184048	7.74E-10	5.963555024
AMOTL1	NM_001301007	75.87645073	0.626332623	4.77E-09	121.1440183
ROCK2	NM_004850	97.93822536	0.409833713	1.66E-11	238.9706417
LOC440700	NR_036683	75.61132799	1.222641454	2.74E-09	61.84260132
C11orf73	NR_024597	83.91763382	0.668977158	1.16E-10	125.4417027
FAM169A	NR_046462	89.89704227	1.032373866	3.42E-10	87.07799106
ITPK1	NM_001142593	60.26512274	1.352969461	1.37E-05	44.54285515
CYBA	NM_000101	186.7747767	18.28450462	6.50E-13	10.21492135
C11orf52	NM_080659	60.53024548	8.811360613	0.000587927	6.86956852
MYO9B	NM_001130065	37.40797988	1.585962767	0.002406093	23.58692187
TMEM110	NM_198563	137.9382254	0.038285954	2.21E-24	3602.841528
ZNF594	NM_032530	140.2651227	8.37538153	5.55E-12	16.74731142
EPM2AIP1	NM_014805	78.73359358	4.933752907	4.10E-07	15.95815499
DAB2	NM_001244871	77.93822536	0.144307594	1.09E-11	540.0840193
ZNF497	NM_198458	110.162165	6.3082884	1.22E-09	17.46308317
SRCAP	NM_006662	55.34620525	2.359287317	3.41E-05	23.4588661
BACE2	NM_138991	69.63191953	1.069922496	9.91E-08	65.0812744
RPL3	NM_001033853	204.4478793	26.91433046	3.12E-12	7.596246156
FRMD8	NM_001300833	103.3873883	2.166876061	3.96E-11	47.71264505
TOP3A	NM_004618	86.50965393	2.885420515	1.65E-08	29.98164513
TXN2	NM_012473	135.3462052	2.811488734	1.06E-14	48.14040463
B4GALT1-AS1	NR_108110	109.8970423	3.886645006	4.81E-11	28.27555439
RPL4	NM_000968	139.7940845	9.583421422	1.24E-11	14.58707474
MPZL3	NM_001286152	72.22393965	1.041266875	4.92E-08	69.36160303
FAF2	NM_014613	92.75418513	0.499818167	9.39E-12	185.575858

LARP4B	NM_015155	60.26512274	2.617362477	1.51E-05	23.02513437
CGRRF1	NM_006568	116.1415735	1.074609329	5.23E-14	108.0779501
ARCN1	NM_001655	97.93822536	0.820921902	1.30E-11	119.3027316
DSE	NM_013352	107.3050222	1.264141649	2.28E-11	84.8837013
AK6	NM_016283	141.060491	2.89041796	6.12E-15	48.80280046
CEPT1	NM_001007794	86.50965393	1.97384685	1.09E-08	43.82794639
ELOVL5	NM_001242830	55.34620525	2.592824211	4.93E-05	21.34591501
RCBTB1	NM_018191	160.5302455	1.293764218	5.48E-18	124.0799855
CISD1	NM_018464	86.77477667	0.730041001	6.68E-11	118.8628811
MOGS	NM_001146158	124.1827566	14.67426217	3.28E-08	8.462623545
TRIM13	NM_001007278	174.8159598	6.372257593	3.22E-16	27.4339129
MLX	NM_198204	66.77477667	9.855947302	0.000457394	6.775074442
KCTD18	NM_152387	115.8764507	2.340577308	3.58E-13	49.50763658
CACFD1	NM_001242369	87.30502215	5.62605234	1.29E-07	15.51798968
C20orf24	NM_018840	104.713002	8.01143237	2.76E-08	13.07044698
GOT1	NM_002079	92.22393965	2.584901475	2.35E-09	35.67793222
DAPK2	NM_014326	29.36679679	1.231268652	0.002612756	23.85084421
TIRAP	NM_001039661	137.9382254	6.602108785	4.53E-12	20.89305551
STARD3	NM_006804	185.2432475	5.141495669	1.84E-17	36.02905836
FAM86HP	NR_024252	106.7747767	4.946622883	1.89E-09	21.58538849
AASDHPPT	NM_015423	117.4079799	0.890088311	4.92E-15	131.9059901
CTSV	NM_001333	118.4684708	4.742159364	2.24E-11	24.98196744
H2AFY	NM_138609	85.71428571	1.789160638	1.61E-08	47.9075405
ETFA	NM_001127716	144.4478793	0.592047234	5.27E-18	243.9803298
PSAT1	NM_058179	117.9382254	0.96148084	5.23E-14	122.6631052
CTDSPL2	NM_016396	98.2033481	1.256158868	9.78E-10	78.17749061
SEMA4B	NM_198925	163.1222656	5.457089653	9.15E-15	29.89180606
KDF1	NM_152365	101.8558592	6.182364088	3.87E-09	16.4752282
FAM86A	NM_201598	123.1222656	6.001623566	3.36E-11	20.5148264
SF3A3	NM_006802	118.7335936	0.650229962	3.06E-15	182.6024646
TXNDC9	NM_005783	136.1415735	0.952351102	1.66E-18	142.9531327
HHEX	NM_002729	147.3050222	6.8710519	4.56E-14	21.43849651
BMF	NM_001003943	58.2033481	2.784941491	1.09E-05	20.89930732
ZNF512	NM_032434	119.2638391	1.05487173	8.22E-14	113.0600391
RFC3	NM_181558	72.75418513	1.336704537	8.69E-07	54.42802287
DDX46	NM_014829	39.26383906	2.048601075	0.001182022	19.16617126
CLTC	NM_004859	126.7747767	3.872470661	3.08E-11	32.7374402
TIMM21	NM_014177	33.28443061	0.251789208	1.90E-05	132.191649
FBXO17	NM_024907	60.79536822	1.123460719	2.95E-06	54.11436927
NACA	NR_045277	101.3256137	10.39398042	1.53E-07	9.748489955
ZNF695	NR_037892	91.69369417	0.926418928	9.95E-10	98.97649039
UFSP2	NR_028085	84.18275656	0.563559952	2.31E-10	149.3767544
CECR5	NM_033070	124.713002	3.640718083	1.88E-12	34.25505607
C15orf41	NM_001130010	78.2033481	0.564108189	1.15E-08	138.6318258
CAPN5	NM_004055	144.4478793	0.400380546	3.73E-20	360.7764678
RNFT1	NM_016125	190.9575332	4.542720886	2.13E-20	42.03593794
ENO1	NM_001428	90.69241049	15.51563056	2.47E-05	5.845228793
SMAD3	NM_005902	58.2033481	4.806073787	0.000177984	12.11037339
GSPT1	NM_002094	141.5907364	2.174292263	3.82E-15	65.12037911
ARHGEF3	NM_001128615	87.30502215	1.308631075	1.68E-09	66.71477076
RAB8A	NM_005370	33.28443061	3.198356379	0.003539403	10.40672979
MPST	NM_021126	126.2445312	4.158878937	1.40E-12	30.35542345
FAM133B	NM_001288584	49.89704227	0.689464741	2.74E-06	72.37069471
PSMA6	NM_001282232	53.01930787	1.223766019	1.03E-05	43.32471
CD97	NM_001025160	68.83655131	9.03552869	5.65E-05	7.618430938
PPP2R3C	NM_017917	73.28443061	1.867507782	1.47E-07	39.24183413
ZCCHC3	NM_033089	107.3050222	18.65660095	4.74E-06	5.751584785
PTCD2	NM_001284404	132.7541851	3.20671602	1.60E-12	41.39879687
ACTR3	NM_005721	34.81595977	1.048092288	0.000521184	33.21841041
CHMP2B	NM_001244644	152.4890624	1.643062765	8.01E-18	92.80781331
UFD1L	NM_005659	73.01930787	1.724754703	8.77E-08	42.33605378
NMT1	NM_021079	117.6731026	3.816125619	1.18E-10	30.83575185
NT5E	NM_002526	50.16216501	4.721219553	0.000493043	10.62483209
FAM83D	NM_030919	127.5701449	2.282366157	2.79E-14	55.89381199

TIGD1	NM_145702	163.6525111	16.14824092	7.27E-11	10.13438627
NCKAP1	NM_205842	126.2445312	0.824492748	1.44E-14	153.1178189
ABCB8	NM_001282293	104.713002	2.784618125	1.39E-10	37.60407974
FAM35A	NM_019054	92.22393965	0.781259686	1.07E-10	118.0451791
SLC36A1	NM_078483	81.59073644	0.467396044	4.09E-11	174.5644564
SSH3	NM_017857	112.2239396	9.925369298	2.39E-08	11.30677724
PTTG1IP	NM_004339	55.08108251	4.571423207	0.000204847	12.04900094
DENND4B	NM_014856	69.10167405	3.091634603	3.23E-06	22.35117759
SMIM7	NM_001300925	120.7953682	7.425918623	1.53E-10	16.26672394
STK4-AS1	NR_038341	81.3256137	8.150500642	7.02E-06	9.977989975
ZBTB1	NM_014950	103.9176338	1.813589929	2.87E-11	57.2994105
CHST11	NM_018413	60.26512274	0.854696409	1.33E-06	70.51056038
POLR2J2	NM_032959	57.40797988	1.088636357	6.51E-06	52.73384406
CAMK1D	NM_020397	29.36679679	0.2788107	0.002525241	105.3288012
FXN	NM_001161706	85.97940845	3.339015204	3.05E-08	25.74993021
BAIAP2	NM_006340	217.9382254	4.899251571	2.77E-20	44.48398336
MCM2	NR_073375	70.69241049	1.836698811	1.53E-07	38.48884209
ST3GAL1	NM_003033	137.6731026	1.241079047	4.79E-14	110.9301643
USP16	NM_001001992	72.22393965	1.348321316	1.28E-07	53.56582201
RABGAP1	NM_012197	180.7953682	1.285098579	2.49E-18	140.6859919
TMBIM1	NM_022152	107.8352676	6.833592068	3.52E-09	15.78017338
KIAA0196	NM_014846	69.89704227	2.081378642	1.37E-06	33.58208875
PLXNB1	NM_002673	57.67310262	0.343085777	2.71E-08	168.1011177
LONRF1	NM_152271	80.26512274	2.608841185	4.70E-08	30.76658065
CS	NM_004077	115.8764507	3.96666936	4.84E-11	29.21253077
ZBTB43	NM_014007	109.3667968	2.192179392	1.48E-11	49.88952875
TBC1D9	NM_015130	63.1222656	0.248924509	8.50E-08	253.5799539
S100A16	NM_080388	112.4890624	13.21691396	2.71E-07	8.510993018
UQCRC2	NM_003366	55.61132799	1.992403969	2.33E-05	27.91167296
WBP11	NM_016312	35.61132799	0.414581092	6.42E-05	85.89713488
DARS	NM_001293312	115.0810825	0.668410717	5.48E-14	172.171211
VPS54	NM_001005739	40.53024548	0.11391367	2.48E-05	355.797909
RPL34	NM_033625	70.16216501	6.803823836	1.09E-05	10.31216661
PITRM1	NM_001242307	157.4079799	2.772729377	8.27E-16	56.77004803
NDNL2	NM_138704	160.7953682	16.04091411	4.67E-10	10.02407762
FBXO38	NM_030793	78.73359358	1.37368262	4.14E-08	57.31570921
RASGRF1	NM_153815	29.63191953	0.927922405	0.001866514	31.93361791
NBPF3	NM_001256417	160.7953682	2.367260642	3.82E-17	67.92465745
BLVRA	NM_001253823	80.53024548	1.022956226	1.70E-08	78.72306112
ZNF674	NM_001146291	61.3256137	1.138738696	4.75E-06	53.85398241
NDUFA11	NR_034166	58.2033481	5.595390896	0.000251428	10.40201644
GANAB	NM_198335	69.89704227	5.93464523	8.50E-06	11.77779624
HDGFRP2	NM_001001520	28.83655131	0.657372677	0.001241532	43.86636729
RAB19	NM_001008749	35.87645073	0.768113749	7.93E-05	46.70721069
PIGY	NM_001042616	187.5701449	10.21949614	5.29E-16	18.35414802
RNF6	NM_183044	80.79536822	1.617247656	4.76E-09	49.95856258
POLR3GL	NM_032305	141.5907364	1.050304816	2.25E-18	134.8091852
DDX11	NM_152438	76.93694168	4.669658807	1.26E-06	16.47592359
C19orf47	NM_001256441	103.6525111	2.015929739	3.40E-11	51.41672802
PET117	NM_001164811	136.6718189	9.163923673	1.90E-11	14.91411581
RMDN3	NM_018145	78.46847084	2.462316798	3.49E-08	31.86773973
EEF2	NM_001961	157.9974326	14.84434171	2.67E-11	10.64361329
LOC100133669	NR_026913	46.77477667	1.957130332	0.000230714	23.89967388
FRAT2	NM_012083	115.0810825	1.180542838	2.86E-13	97.48149646
IL17RE	NM_001193380	81.3256137	3.775205678	1.47E-07	21.54203522
NUDT4P2	NR_104005	161.8558592	3.436824823	8.67E-17	47.09459094
RBAK	NM_021163	129.6319195	2.029952078	1.00E-14	63.85959595
PSMC3	NM_002804	107.0398994	2.066453059	1.01E-12	51.79885358
DCUN1D3	NM_173475	37.67310262	1.981940996	0.001937223	19.00818576
SEMA4F	NR_073399	122.3861047	2.006000986	1.36E-13	61.00999226
NTAN1	NM_001270766	100.7953682	1.843919386	1.48E-11	54.6636523
CSGALNACT2	NM_018590	97.93822536	0.205795954	1.38E-14	475.8996645
LINC01481	NR_120460	137.9382254	2.919964849	3.13E-14	47.23968695
MPZL1	NM_024569	137.9382254	0.346220725	7.20E-19	398.4112317

FAM214B	NM_025182	51.42857143	7.745315795	0.001329509	6.639957981
C1orf123	NM_017887	195.611328	6.502080862	4.91E-19	30.08441946
AHNAK	NM_001620	130.162165	5.758709735	2.78E-11	22.60266118
LOC100506747	NR_036557	110.9575332	2.019947035	1.01E-12	54.93091221
MAP4	NM_001134364	173.0193079	1.547653239	3.94E-17	111.7946213
PNPLA3	NM_025225	161.5907364	0.899218482	1.12E-21	179.7013069
VBP1	NM_003372	27.03989941	0.049147295	0.000197112	550.1808252
C22orf29	NM_024627	203.9176338	12.64218086	1.40E-16	16.1299412
PRKAR2A-AS1	NR_109996	110.6924105	6.945479248	2.65E-09	15.93733226
UBIAD1	NM_013319	166.2445312	2.524285794	4.27E-19	65.85804651
C14orf119	NM_017924	115.0810825	6.18527807	3.66E-10	18.60564411
AP2A2	NM_012305	141.060491	0.205146022	4.51E-20	687.6101707
PSMD5-AS1	NR_024408	92.48906239	3.800103694	4.11E-09	24.3385628
BRK1	NM_018462	124.4478793	1.860950436	5.93E-15	66.87329062
IFNAR2	NM_000874	146.5096539	2.51299014	7.38E-16	58.3009267
ATP6V0B	NM_004047	87.03989941	20.14502758	0.000433662	4.320664198
AAR2	NM_001271874	140.7953682	0.851412297	8.62E-19	165.3668484
RNF169	NM_001098638	81.3256137	0.908680083	3.13E-09	89.49862031
CHD6	NM_032221	21.59073644	0.028676823	0.002923898	752.8984874
LOC101928414	NR_120335	101.060491	0.838692098	3.72E-12	120.4977264
COP55	NM_006837	62.12098192	2.657581694	2.01E-06	23.3750037
OXR1	NM_181354	172.7541851	0.6345614	3.15E-21	272.2418748
CCDC94	NM_018074	90.16216501	0.735470306	1.55E-11	122.5911696
SF3B4	NM_005850	172.2239396	14.16620723	9.77E-13	12.15737825
TSTD3	NM_001195131	169.3667968	4.222998191	1.11E-17	40.10581799
QPCTL	NM_017659	61.59073644	4.964804584	1.54E-05	12.40547043
DNAJC18	NM_152686	74.28571429	0.243091997	2.06E-11	305.586836
C20orf27	NM_001258429	101.5907364	4.692521431	5.66E-10	21.64949866
LYRM7	NR_121658	66.50965393	0.253508252	1.15E-09	262.3569583
METTL18	NM_033418	87.03989941	4.802221472	2.12E-07	18.12492404
HEXIM2	NM_144608	57.93822536	9.957290445	0.001267945	5.818673833
SYVN1	NM_172230	96.67181894	17.66320606	3.60E-05	5.473061832
NAA20	NM_181528	55.34620525	2.687482372	1.66E-05	20.59407192
LDHA	NM_001165414	64.18275656	1.604180641	3.36E-07	40.00968152
TMEM33	NM_018126	89.63191953	1.542785576	8.06E-10	58.09745758
LOC101929057	NR_111915	128.8365513	1.794137378	1.22E-13	71.80974706
PFN4	NM_199346	80.53024548	3.831347159	2.61E-07	21.01878064
STRA13	NM_001271007	149.6319195	19.26742789	1.78E-09	7.766055769
OSBPL10	NM_017784	100	0.981609492	8.55E-11	101.8735055
PDCD2L	NM_032346	97.40797988	3.942497647	4.57E-09	24.70717515
RPS7	NM_001011	98.73359358	10.35750272	5.38E-07	9.532567476
XRCC6	NM_001288978	83.91763382	4.618406912	4.32E-07	18.17025555
ZCCHC6	NM_001185074	81.06049096	0.6806593	9.05E-10	119.0911385
NOP10	NM_018648	98.2033481	8.364611618	1.05E-06	11.74033567
GLB1	NM_000404	109.3667968	0.905178507	1.47E-12	120.8234574
LOC100507217	NR_037601	22.85714286	0.430186835	0.003313529	53.13305982
ZC3H10	NM_032786	97.93822536	15.98369117	1.43E-05	6.12738474
LOXL1	NM_005576	67.03989941	4.852461962	1.61E-05	13.81564656
COPZ1	NM_016057	119.2638391	3.042147243	9.45E-12	39.20383517
CHSY1	NM_014918	82.85714286	0.839556236	8.50E-10	98.69159363
PAM	NM_001177306	64.4478793	0.920271136	2.43E-07	70.03140351
TRAPPC2	NM_001011658	54.81595977	2.304264883	2.01E-05	23.78891427
COX19	NM_001031617	50.69241049	9.113594414	0.004106883	5.562285108
SLC26A2	NM_000112	137.4079799	3.264985831	1.18E-13	42.08532195
EXOC8	NM_175876	80.53024548	0.681500441	3.57E-11	118.1660945
CIAPIN1	NM_020313	153.5495533	1.940104726	1.34E-17	79.14498187
FBXO7	NM_001033024	70.95753323	0.103651197	2.02E-12	684.5799716
PNO1	NM_020143	89.36679679	0.768570875	2.48E-11	116.2765851
SURF6	NM_006753	126.2445312	2.977614744	7.60E-14	42.39787281
MFSD2A	NM_001287808	104.713002	1.947807318	1.46E-11	53.7594253
FBXO8	NM_012180	48.36551311	0.56532166	4.32E-06	85.55397129
TBC1D19	NM_018317	155.0810825	0.303619108	2.62E-19	510.7751076
C8orf33	NM_023080	80.53024548	3.704862	1.13E-07	21.73636845
ATP6V0C	NM_001694	97.40797988	7.953916709	4.46E-08	12.24654261

NLRX1	NM_024618	130.4272878	4.484151754	1.97E-12	29.08627872
FARSB	NM_005687	62.38610466	0.776539395	2.36E-07	80.33862167
EPN1	NM_001130072	91.95881691	0.884504768	2.44E-11	103.9664457
FADS3	NM_021727	86.77477667	4.815617908	8.49E-08	18.01944804
ALMS1	NM_015120	47.03989941	0.274606091	2.30E-05	171.2995487
PIGC	NM_002642	52.75418513	4.392521888	0.000439887	12.00999938
C16orf72	NM_014117	132.7541851	3.497777733	8.03E-13	37.95386536
PLEKHA8	NM_001197027	109.8970423	0.418518193	8.89E-14	262.5860574
NBR2	NR_003108	41.06049096	2.368164706	0.000733876	17.33852838
KDM3B	NM_016604	37.67310262	0.490999413	0.000178787	76.72738829
HELZ	NM_014877	132.2239396	0.145027492	6.51E-18	911.7163771
GGTA1P	NR_003191	61.06049096	0.891770347	2.62E-07	68.47109363
GAN	NM_022041	219.5289618	1.442426507	9.10E-25	152.1942094
IFT172	NM_015662	18.99871632	0.013594039	0.002143505	1397.576996
CCDC186	NM_018017	167.3050222	0.846406399	2.86E-20	197.6651196
NUP62	NM_001193357	103.9176338	3.724623618	9.75E-10	27.90017045
GRB10	NM_001001555	31.42857143	0.669781295	0.001252021	46.92363262
CTR9	NM_014633	110.9575332	3.270790817	1.32E-10	33.92376322
SLTM	NM_024755	191.9588169	0.919249686	5.03E-23	208.821194
MTRF1	NM_004294	69.89704227	0.580668617	8.93E-09	120.3733769
GAS2L1	NM_152236	94.81595977	7.634944361	6.77E-08	12.41868379
RPL36A-HNRNPH2	NM_001199974	71.95881691	6.519383112	2.39E-05	11.03767269
RNF2	NM_007212	89.10167405	0.545729934	2.32E-11	163.2706373
UBXN7	NM_015562	121.060491	0.247888089	9.89E-17	488.3675188
TAOK2	NM_001252043	89.89704227	4.421301178	2.37E-08	20.33271172
MIR181A1HG	NR_040073	52.22393965	0.238318801	2.24E-06	219.1347872
TROVE2	NM_004600	98.99871632	2.433736203	1.11E-10	40.67766925
SCAMP2	NM_005697	186.5096539	2.119212248	1.82E-20	88.00895433
HCN3	NM_020897	46.24453119	0.052847535	3.78E-08	875.0555992
SLMO1	NM_001142405	140.7953682	3.611212726	5.66E-14	38.98838947
HNRNPR	NM_001297622	57.93822536	1.806882591	1.33E-05	32.06529614
EARS2	NR_003501	87.03989941	2.180052694	8.38E-09	39.9255943
LOC646903	NR_036538	112.2239396	4.110124252	2.41E-10	27.30426935
CSNK2A1	NM_177560	134.8159598	3.143856387	1.82E-13	42.88235312
LOC100507530	NR_125386	121.5907364	1.585484332	1.88E-12	76.68996407
RPRD1B	NM_021215	108.1003904	1.441908318	2.22E-11	74.97036323
DMAP1	NM_001034024	112.7541851	6.021053363	6.10E-10	18.72665434
CDC20	NM_001255	135.0810825	17.8030089	4.03E-08	7.587542269
CTC1	NR_046431	123.6525111	7.323949133	1.95E-10	16.88331102
TMEM199	NM_152464	67.03989941	2.02077003	1.17E-07	33.17542245
SMC5-AS1	NR_039990	118.2033481	0.227054423	7.16E-18	520.5947831
UBP1	NM_001128161	91.69369417	1.984566257	3.14E-09	46.20339272
NDUFA5	NR_104169	44.4478793	1.294866062	0.000100681	34.32623699
PSKH1	NM_006742	112.4890624	1.736705359	4.50E-12	64.77152951
DIS3	NM_014953	81.59073644	2.694624329	1.59E-08	30.27907659
CCT4	NM_006430	164.1827566	7.053720884	7.37E-15	23.27604951
ASPM	NM_001206846	35.61132799	1.23949044	0.000526115	28.73061932
PPIL2	NM_014337	112.4890624	2.27519754	6.69E-12	49.44144868
GBA	NM_001171811	69.63191953	7.731592122	2.66E-05	9.006155321
SEC24B-AS1	NR_039978	124.4478793	3.988655924	3.49E-13	31.20045491
RP2	NM_006915	69.36679679	0.4238896	3.63E-09	163.643545
NLE1	NM_001014445	114.8159598	1.874018614	2.10E-13	61.26724619
ZMYM5	NM_001142684	123.3873883	2.318467391	5.95E-13	53.21937622
CMTM8	NM_178868	83.65251108	1.693407687	6.19E-08	49.39892012
FAM83H	NM_198488	70.16216501	14.18556869	0.000759293	4.946024127
SLC7A6	NM_003983	124.4478793	3.264493107	6.44E-12	38.12165479
CNNM4	NM_020184	60.26512274	1.185841403	5.37E-06	50.8205588
TMEM41B	NM_001165030	75.08108251	1.916601574	4.77E-08	39.17406911
PRKCG	NM_002739	55.34620525	1.836859013	1.80E-05	30.13089456
SPECC1L-ADORA2A	NR_103546	194.550837	1.622147513	1.65E-19	119.9341215
LOC100506804	NR_040081	101.5907364	0.960183002	5.25E-14	105.8035148
SCD5	NM_024906	81.3256137	1.689053009	1.26E-07	48.14864498
EML2	NM_012155	69.10167405	8.522075062	5.71E-05	8.108550271
CBWD6	NM_001085457	24.4478793	0.660291838	0.003839443	37.02586933

MRPL32	NM_031903	101.8558592	3.052939552	2.98E-11	33.36320862
CBR3	NM_001236	58.46847084	5.075813361	6.49E-05	11.51903482
ZNF296	NM_145288	144.1827566	12.29331033	1.96E-10	11.7285542
PLEKHO2	NM_001195059	135.8764507	4.169115729	2.47E-13	32.59119189
PAXBPI-AS1	NR_038879	101.5907364	3.153583672	2.03E-10	32.214378
OAT	NM_000274	215.8764507	3.814110361	1.82E-22	56.59942433
RC3H2	NM_018835	137.9382254	1.933849063	1.58E-14	71.32833064
ZNF575	NM_174945	94.81595977	6.558451786	8.71E-08	14.45706439
MKL1	NM_001282662	143.3873883	0.620746145	4.51E-16	230.9919915
SUSD1	NM_001282643	51.95881691	1.478667759	9.32E-05	35.1389395
ATG13	NM_001205119	40.79536822	2.699236214	0.001199853	15.11367105
EMP2	NM_001424	124.713002	1.604042507	1.99E-13	77.74918777
MAD2L1BP	NM_001003690	75.61132799	13.25862955	0.000162637	5.70280116
UBAC2	NM_001144072	147.5701449	2.142157082	1.95E-14	68.88857317
ABCC4	NM_005845	115.3462052	0.732331233	1.60E-12	157.5055113
TTC1	NM_001282500	49.89704227	1.775151351	0.000138835	28.10861296
OTUD6B	NM_016023	46.77477667	2.935324728	0.000179245	15.93512848
THAP9-AS1	NR_034077	101.8558592	9.635893681	1.12E-07	10.57046316
H3F3A	NM_002107	134.2857143	5.509469124	1.94E-12	24.37362135
TMEM141	NM_032928	118.4684708	13.13654315	1.84E-07	9.018237862
TMEM41A	NM_080652	162.9163501	4.353077348	1.37E-16	37.42555831
DAD1	NM_001344	106.7747767	2.9068278	3.05E-10	36.73240522
IQGAP2	NM_006633	41.85585918	0.304695465	6.26E-05	137.3694852
ANXA5	NM_001154	189.8970423	1.688307834	9.20E-23	112.4777356
MID2	NM_012216	48.83655131	0.51071039	9.56E-06	95.62474598
C18orf32	NM_001035005	167.0398994	4.411245262	2.59E-17	37.86683567
SH2B3	NM_005475	86.77477667	4.35581598	2.24E-07	19.92158922
CGN	NM_020770	103.3873883	1.139664398	4.82E-12	90.71739762
PPP5C	NM_006247	90.16216501	0.884692041	3.47E-10	101.9136161
DRAM1	NM_018370	153.5495533	0.713969078	4.40E-19	215.0647108
LOC728730	NR_037875	164.4478793	0.306802516	5.86E-21	536.0056414
ZNF224	NM_013398	66.77477667	0.177721874	4.00E-10	375.7262701
NDUFS7	NM_024407	121.060491	5.276334956	3.03E-11	22.9440496
TNIP2	NM_001292016	157.6731026	3.359070043	2.55E-17	46.93951022
CASP3	NM_032991	71.69369417	0.666732203	9.10E-09	107.5299705
ZNF576	NM_024327	53.54955335	7.725895492	0.000940032	6.931177545
UBXN2A	NM_181713	98.46847084	0.612125615	2.85E-12	160.8631765
LYPLAL1-AS1	NR_038845	30.16216501	0.441916281	0.000855517	68.25312018
ISOC1	NM_016048	181.5907364	0.742721558	3.19E-26	244.4936929
SGK3	NM_001033578	95.34620525	1.565832628	4.21E-09	60.89169655
INTS5	NM_030628	245.773493	11.40165427	4.53E-22	21.55595032
TMEM53	NM_024587	87.03989941	2.665917662	4.58E-09	32.64913266
ZNF398	NM_170686	106.2445312	1.743086111	2.05E-11	60.95196933
HSF2BP	NM_007031	83.91763382	0.148558151	2.92E-11	564.8807105
PGPEP1	NM_017712	57.93822536	5.571138531	0.000129368	10.39971005
SNX3	NM_152827	135.611328	1.979545864	3.30E-14	68.50628241
CBWD3	NM_201453	70.42728775	0.11651424	6.15E-11	604.452192
MAGEB2	NM_002364	63.65251108	3.450296112	8.22E-06	18.44841979
HSP90AA1	NM_001017963	129.3667968	6.778202914	1.61E-10	19.08570729
FOXA3	NM_004497	60.26512274	5.276957962	0.000122466	11.42042881
ZCCHC11	NM_015269	105.7142857	0.250119006	1.10E-13	422.6559493
MTERF1	NM_001301135	85.773493	3.183192335	4.31E-09	26.94574627
UBE2G1	NM_003342	180.2651227	1.657215509	9.87E-19	108.7759086
CREG2	NM_153836	58.99871632	0.702003763	1.31E-07	84.04330492
MIPEPP3	NR_038939	98.73359358	1.336331896	4.20E-11	73.88403574
HPRT1	NM_000194	71.95881691	0.673095106	3.62E-09	106.9073542
RHOG	NM_001665	114.550837	8.243787778	4.23E-09	13.89541314
TGFA	NM_003236	100.5302455	1.597043228	7.39E-10	62.94772974
TCP11L2	NM_152772	32.22393965	1.09081329	0.000921484	29.54120558
ZNF343	NM_001282496	71.95881691	1.224449188	8.57E-08	58.76831607
ZNF623	NM_001082480	110.6924105	2.044977546	5.34E-13	54.12891241
DCAF17	NR_028482	147.8352676	1.280254566	1.15E-16	115.4733376
ZC3H4	NM_015168	81.85585918	3.98512897	4.30E-07	20.54032875
LOC100270804	NR_026885	53.81467609	10.82603747	0.004439934	4.970856255

CCNT2	NR_037649	61.3256137	1.168061694	3.98E-06	52.50203307
UBE3A	NM_000462	94.81595977	0.757225365	5.09E-11	125.2149811
C19orf52	NM_138358	109.6319195	13.59589636	1.77E-06	8.063603649
TTC28-AS1	NR_026963	81.59073644	0.631553921	5.49E-10	129.1904519
RSL24D1	NM_016304	46.77477667	1.571304756	8.74E-05	29.76811245
ZBED5	NM_001143667	126.5096539	2.585048874	3.62E-14	48.93897953
RASA1	NM_002890	81.3256137	1.055125786	5.50E-09	77.07670004
CCDC3	NM_031455	29.36679679	0.77512968	0.002299602	37.88630156
SEC24D	NM_014822	137.6731026	0.687694856	2.94E-16	200.1950448
USP18	NM_017414	115.8764507	1.741774628	3.05E-13	66.52780953
GIN1	NM_017676	93.01930787	0.532640038	9.31E-12	174.6382195
RNGTT	NM_001286426	84.18275656	0.088780755	1.41E-10	948.2095113
WDR13	NM_017883	49.36679679	4.469452877	0.000319823	11.04537807
LOC101926941	NR_120664	89.36679679	3.162423827	2.39E-08	28.25895632
CCDC124	NM_001136203	144.1827566	5.090978537	3.26E-14	28.32122656
RANBP2	NM_006267	165.2432475	0.934506795	5.70E-19	176.8240193
POLM	NM_001284330	137.9382254	5.341146207	1.66E-13	25.825585
C17orf70	NR_033338	187.8352676	6.044179936	3.12E-18	31.07704761
EIF5B	NM_015904	122.3861047	1.659286214	8.39E-13	73.7582845
C4orf32	NM_152400	134.8159598	1.365971888	4.94E-15	98.69599873
KLHL9	NM_018847	115.611328	4.511519093	6.11E-11	25.62580931
RBM26	NM_001286631	55.08108251	0.536776909	1.70E-06	102.6144783
MYC	NM_002467	155.611328	34.98252773	8.05E-07	4.448258548
NOL10	NM_001261394	57.67310262	1.207957965	2.06E-06	47.74429597
NFKBIE	NM_004556	84.4478793	9.299878446	1.65E-06	9.080535815
C5orf63	NM_001164479	71.95881691	0.261237548	9.44E-11	275.453576
KATNAL1	NM_032116	36.40669621	1.0223585	0.000283128	35.61049887
FLCN	NM_144997	93.28443061	3.291987116	8.70E-09	28.33681522
NASP	NM_002482	187.0398994	3.815831678	1.44E-18	49.0168108
FOCAD	NM_017794	60.53024548	0.917673393	1.40E-06	65.96055406
RAP1B	NM_015646	75.08108251	0.421912971	7.14E-10	177.9539564
TAF1B	NM_005680	118.2033481	0.584493354	2.34E-14	202.2321506
SPG7	NM_003119	212.7541851	4.42363215	1.57E-20	48.09490887
SERPINB1	NM_030666	47.57014489	3.284363025	0.000299227	14.4838267
ZCCHC7	NM_001289120	148.8365513	0.387295833	2.19E-17	384.2968052
PROS1	NM_000313	80.53024548	0.138928205	2.70E-11	579.6536831
ARHGEF5	NM_005435	232.5482697	2.83345576	5.92E-26	82.07231358
ETS2	NM_001256295	124.713002	6.855919884	6.17E-11	18.19055709
DHDH	NM_014475	209.1016741	0.494607855	1.90E-32	422.762542
MCM4	NM_005914	103.9176338	4.874490354	1.05E-09	21.31866642
ARHGEF17	NM_014786	39.26383906	2.093968757	0.001137205	18.75091924
PLEKHA1	NM_001001974	130.6924105	1.860660238	9.32E-14	70.23980402
TMC7	NM_001160364	30.42728775	1.070222461	0.00112734	28.43080653
TRAFD1	NM_001143906	136.1415735	2.949649944	9.96E-14	46.15516284
NKAP	NM_024528	61.06049096	0.943007755	6.50E-07	64.7507835
TMEM131	NM_015348	82.85714286	0.619504935	3.04E-09	133.7473492
BTG1	NM_001731	155.0810825	8.221929105	1.25E-13	18.86188515
LINC00265	NR_026999	84.71300204	0.181664792	1.42E-12	466.3149143
GAS6-AS1	NR_044995	109.3667968	8.831012028	4.54E-08	12.38440129
TIGD3	NM_145719	137.6731026	6.387749875	2.44E-12	21.55267587
MAML1	NM_014757	87.83526763	1.194406006	1.80E-09	73.53886972
LLGL2	NM_001015002	200.5302455	4.20446341	8.76E-20	47.69461069
LOC100272217	NR_027440	158.2033481	12.54568224	1.09E-11	12.61018293
UGDH-AS1	NR_047679	135.611328	1.819803167	6.20E-14	74.519778
KCNG3	NM_172344	109.6319195	0.210351229	2.92E-16	521.1850689
TLCD2	NM_001164407	80.79536822	5.966396911	6.41E-07	13.54173539
MRPS15	NM_031280	76.40669621	2.469791457	4.12E-08	30.93649708
PRKRIP1	NM_024653	103.6525111	3.553857341	1.64E-09	29.16619919
CLDN23	NM_194284	49.10167405	6.462915361	0.003376666	7.59744965
FAM222A	NM_032829	25.97940845	0.10168728	0.001095033	255.483365
DNMT3A	NM_175629	30.42728775	1.189287911	0.001242056	25.58445895
C11orf31	NM_170746	140.7953682	20.05363996	9.54E-08	7.020938267
RPS15A	NM_001019	110.6924105	12.59581585	1.01E-07	8.788030234
ADPGK	NR_023319	147.8352676	3.368801194	1.23E-14	43.88364261

FBXL5	NM_001193535	98.2033481	0.110838067	1.62E-15	886.007402
CLDN12	NM_001185072	40.53024548	3.595780718	0.003224724	11.27161211
GART	NM_001136006	83.91763382	4.898749604	4.18E-07	17.13041911
CRTC3	NM_001042574	169.1016741	1.005263025	5.59E-18	168.2163472
NKTR	NM_005385	123.3873883	1.177379179	1.12E-13	104.7983441
EPN2	NM_148921	169.1016741	2.201504915	4.83E-17	76.81185396
CAMK1	NM_003656	126.5096539	6.1377225	1.41E-11	20.61182367
RAB40C	NM_001172663	34.28571429	0.404196633	0.000180826	84.82434405
PSMD4	NM_002810	138.9987163	0.847603098	9.55E-19	163.9903354
PRKX	NM_005044	51.69369417	0.42276493	3.69E-06	122.2752656
GOLGA7	NM_016099	49.63191953	0.63091907	1.46E-05	78.66606335
DTWD1	NM_001144955	183.3873883	0.798161635	3.82E-25	229.762219
SRSF11	NM_001190987	69.10167405	3.04969073	1.37E-06	22.65858415
ABHD10	NM_001272069	115.3462052	5.913878497	3.73E-10	19.5043245
PICALM	NM_007166	61.3256137	1.161096287	9.39E-07	52.81699234
TLN1	NM_006289	86.50965393	1.3321735	2.90E-09	64.93872901
LOC101929224	NR_110787	89.10167405	2.615057925	2.77E-09	34.07254317
ZNF165	NM_003447	109.1016741	2.8370292	3.13E-12	38.45630987
GDAP2	NM_017686	74.81595977	1.12777155	1.66E-07	66.33964099
C2orf42	NM_017880	109.1016741	3.995656284	7.99E-10	27.30506988
PEBP1	NM_002567	103.9176338	3.162242693	4.06E-11	32.86200457
C21orf2	NM_001271441	95.87645073	6.334068079	1.66E-08	15.13663092
MAP3K5	NM_005923	51.95881691	0.564859057	8.33E-06	91.98545418
RHBDD2	NM_001040457	206.5096539	7.034646114	1.09E-19	29.35608282
ACOX1	NM_004035	84.71300204	4.396928762	1.91E-07	19.26640312
RRP15	NM_016052	98.73359358	0.963007293	5.82E-11	102.5263197
LANCL3	NM_198511	27.03989941	0.20032137	0.002928124	134.9826
PDE3B	NM_000922	103.6525111	0.133890933	2.43E-13	774.1563104
KLHDC4	NM_017566	88.89575859	0.331832981	4.18E-12	267.893078
SEC63	NM_007214	106.5096539	1.304771059	9.90E-11	81.63091384
SNRK	NM_017719	111.9588169	1.110505854	6.45E-12	100.8178538
RNF13	NM_007282	235.0810825	0.828697428	3.04E-27	283.6754099
UBE2L3	NR_046082	95.08108251	2.187378156	1.99E-09	43.46805889
GOLGA8B	NR_027410	50.16216501	2.002703269	7.55E-05	25.04722781
MRPL37	NM_016491	115.611328	0.705597343	1.96E-15	163.848871
PPAT	NM_002703	136.1415735	0.980833666	3.67E-16	138.801897
CHAF1B	NM_005441	106.5096539	0.215997212	1.05E-16	493.1066136
DOCK7	NM_001272002	47.03989941	0.691038858	2.58E-05	68.07127974
OSBPL6	NM_001201480	184.1827566	0.681514568	1.01E-20	270.2550541
SLC25A24	NM_013386	157.9382254	0.787600207	2.51E-18	200.5309597
CPSF6	NM_007007	101.060491	1.389937386	5.14E-11	72.7086644
RPL36A	NM_021029	71.95881691	10.79738172	0.00012058	6.664469108
C9orf114	NM_016390	99.26383906	6.485484985	7.88E-09	15.30553833
NEIL2	NM_145043	103.1222656	2.501243736	1.63E-10	41.22839534
GAS8	NM_001286209	85.97940845	7.731086612	1.23E-06	11.12125795
SBF2	NM_030962	141.5907364	0.022559062	1.25E-21	6276.445975
SLC5A3	NM_006933	117.6731026	0.987859799	6.05E-14	119.1192341
ZHX1-C8orf76	NM_001204180	94.81595977	2.607450185	2.03E-09	36.36347889
EP300-AS1	NR_110514	69.10167405	3.781139746	2.60E-06	18.27535576
ZFP62	NM_001172638	124.1827566	5.323164316	2.42E-11	23.32874756
ALAD	NM_000031	92.22393965	2.98803708	4.65E-09	30.86438929
PIGO	NM_032634	106.5096539	6.434395944	4.80E-09	16.55317063
SAP30BP	NM_013260	81.3256137	5.036805866	8.54E-07	16.14626727
MCL1	NM_182763	129.8970423	13.53490032	3.02E-09	9.597192387
ATE1-AS1	NR_120495	121.060491	1.139120067	1.09E-14	106.275444
SLC44A1	NM_001286730	72.75418513	0.383289635	1.80E-08	189.8151645
KIAA1551	NM_018169	86.50965393	1.806309442	5.30E-09	47.89304198
CCDC51	NM_001256968	72.75418513	6.907576631	8.30E-06	10.53251944
CHERP	NM_006387	65.50837026	3.166874982	1.62E-06	20.68549299
RECQL5	NM_004259	47.57014489	1.11494816	7.95E-05	42.66579076
KIF21A	NM_017641	127.3050222	0.751491551	1.13E-14	169.4031316
CDC42SE2	NM_001038702	193.0193079	1.526868936	5.58E-20	126.4151122
COL12A1	NM_080645	56.40669621	0.997506162	1.86E-06	56.54771702
ACOT13	NM_018473	163.6525111	2.49435979	1.08E-17	65.60902391

AFF1	NM_001166693	183.9176338	2.225632307	7.64E-18	82.63612691
ARHGAP19-SLIT1	NR_037909	100.7953682	0.792333823	2.24E-11	127.2132594
SNRPA	NM_004596	104.713002	8.858354566	3.89E-08	11.82081856
COX11	NR_027942	163.6525111	9.189464241	6.56E-14	17.8087108
PPP6R3	NM_001164162	63.38738834	2.326382943	8.06E-06	27.24718582
RSPH3	NM_031924	150.4272878	2.353760611	2.47E-16	63.90934024
TAF11	NM_001270488	101.5907364	4.633245116	1.49E-09	21.9264757
RAB22A	NM_020673	154.2857143	1.16332853	2.50E-17	132.6243708
VPS13D	NM_018156	75.34620525	0.57840667	2.95E-08	130.2651043
NAAA	NM_001042402	116.6718189	1.653621886	3.87E-13	70.55531855
STK38	NM_007271	184.9781248	1.377055655	4.11E-21	134.3287209
TMEM117	NM_032256	107.3050222	0.057567608	4.40E-14	1863.982655
CRCP	NR_024548	76.67181894	0.752777857	1.23E-08	101.8518521
C11orf71	NM_019021	124.1827566	4.798665167	3.58E-12	25.8786042
PLEK2	NM_016445	89.63191953	4.694679749	6.62E-08	19.09223298
FAM189B	NM_198264	69.36679679	3.305601511	9.23E-07	20.98462158
NDUFB4	NM_004547	88.36551311	0.923154652	6.11E-12	95.72124555
ANKHD1-EIF4EBP3	NM_020690	75.87645073	1.69583145	2.57E-07	44.7429199
DEPDC1	NM_001114120	60.26512274	3.109294461	6.41E-06	19.38225006
PIN4	NM_006223	29.89704227	0.666429867	0.000760067	44.8614982
POLR2F	NM_001301129	115.0810825	2.412928552	3.23E-12	47.69353091
KBTBD4	NR_024222	140.7953682	8.028635127	2.80E-12	17.5366505
ZNF543	NM_213598	98.46847084	2.381399263	1.19E-10	41.34899695
LOC100506713	NR_040089	39.26383906	3.742869911	0.001062464	10.49030289
MRPL3	NM_007208	90.42728775	0.687612248	1.21E-10	131.5091288
MTHFD2L	NM_001144978	120.7953682	1.010808688	2.02E-13	119.5036901
SPTAN1	NM_001130438	227.0398994	2.765907376	2.80E-23	82.08514189
SETD6	NM_001160305	149.6319195	22.61189323	1.65E-08	6.617398994
MARVELD2	NM_001244734	172.2239396	1.612773574	1.03E-20	106.7874266
SARS2	NM_001145901	40.05920728	5.564234166	0.004310671	7.199410752
ARIH2	NM_006321	124.4478793	2.242714575	9.49E-13	55.48984283
MFNG	NM_002405	33.28443061	1.850444275	0.002485253	17.98726449
PIDD1	NM_145887	95.61132799	8.810597195	4.80E-07	10.85185554
AFG3L2	NM_006796	175.3462052	2.208045678	7.84E-19	79.4123994
SPAG5-AS1	NR_040012	195.3462052	7.021947951	1.13E-17	27.81937528
CLEC16A	NM_001243403	125.9794085	1.669136872	3.04E-12	75.47578065
KLF10	NM_005655	66.83398396	6.545229345	2.74E-05	10.21109887
PHF20	NM_016436	37.40797988	1.221840505	0.000333685	30.61609084
SLC52A2	NM_001253816	198.4684708	13.23557514	3.15E-15	14.99507719
XPNPEP3	NM_022098	109.1016741	1.635638906	5.10E-11	66.70278731
HSBP1	NM_001537	84.97812478	9.596221063	3.24E-06	8.85537382
MRPS25	NM_022497	204.713002	4.815728695	3.99E-21	42.5092473
STIL	NM_001282937	146.5096539	0.531848447	3.30E-19	275.4725613
UBE2M	NM_003969	122.6512274	9.286819312	5.80E-10	13.20702205
ATG7	NM_001136031	52.48906239	0.857339404	1.04E-05	61.2232007
PTK7	NM_152882	134.8159598	0.882959536	5.79E-16	152.6864531
SPIN4	NM_001012968	74.81595977	3.514010597	1.66E-07	21.290761
ADAT1	NR_036460	104.4478793	1.077256682	1.12E-12	96.95728147
LINC01234	NR_110025	57.67310262	1.111007015	5.06E-06	51.91065568
TOMM22	NM_020243	103.9176338	12.86617196	7.97E-07	8.076810578
AZIN1	NM_015878	250.4272878	5.032776748	3.44E-24	49.75926815
NEDD8-MDP1	NM_001199823	124.1827566	7.93744905	8.68E-10	15.64517212
HNRNPUL2-BSCL2	NR_037946	141.8558592	8.966072618	3.35E-11	15.82140422
PLCE1	NM_001288989	83.65251108	0.107329988	2.17E-10	779.395514
SCAF4	NM_001145445	126.5096539	2.277287846	8.13E-13	55.55277263
NDEL1	NM_001025579	149.3667968	1.594870835	3.39E-17	93.65447879
NOSIP	NM_001270960	193.5495533	5.787756362	2.44E-18	33.4412061
RHBDD1	NM_001167608	112.2239396	1.275030394	5.82E-11	88.016678
ZNF205	NM_001042428	120.7953682	3.104374035	6.98E-13	38.91134472
C1orf50	NR_040733	142.3861047	2.340673776	1.03E-16	60.83124703
DHX8	NM_004941	87.03989941	0.158963546	1.44E-13	547.5462864
UBE2D2	NM_003339	91.95881691	1.88132384	4.26E-09	48.87984457
AP4B1	NM_001253852	89.63191953	3.62938738	6.10E-09	24.69615672
TROAP	NM_001100620	91.95881691	10.64164478	4.22E-05	8.641410121

BRAT1	NM_152743	75.08108251	5.134902507	1.60E-06	14.62171529
DOLPP1	NM_001135917	78.2033481	3.487527885	1.23E-07	22.4237198
NLRP2	NM_001174082	49.10167405	2.207246845	0.000119038	22.24566508
CBX1	NM_006807	102.6512274	2.17693195	5.89E-11	47.15408186
SLC25A37	NM_016612	97.93822536	2.532073424	7.93E-10	38.67906216
BLVRB	NM_000713	141.5907364	7.331823423	8.36E-13	19.31180394
KDELC2	NM_153705	75.34620525	1.466518652	5.04E-08	51.37759766
PSMD13	NM_175932	96.14157347	4.96902989	3.95E-09	19.34815761
CLK3	NM_001130028	58.73359358	12.74375855	0.00276793	4.60881249
ATP8B3	NR_047593	49.63191953	2.409786159	0.000115037	20.59598498
CDA	NM_001785	39.26383906	0.968616442	0.000518475	40.53600307
TMEM68	NM_152417	161.3256137	0.669116442	5.81E-21	241.1024503
PALB2	NM_024675	121.5907364	2.402562691	5.76E-13	50.60876742
ERMP1	NM_024896	149.3667968	2.241835664	9.64E-16	66.62700536
FNTB	NM_002028	60.79536822	2.318382493	1.21E-05	26.22318293
PPP1CC	NM_001244974	140.7953682	5.326031717	1.44E-12	26.4353229
ANKRD6	NM_014942	65.71428571	0.526231849	1.81E-07	124.877059
COQ10B	NM_025147	152.7541851	2.918802301	5.50E-16	52.33454321
NOB1	NR_074074	152.7541851	6.273053585	1.24E-13	24.35084972
ZC2HC1A	NM_016010	229.3667968	1.154062212	2.41E-27	198.7473417
ELAC2	NM_173717	104.713002	4.095118691	7.91E-10	25.57019953
NBPF1	NM_017940	315.935658	2.953369017	5.24E-34	106.9746639
NR1H2	NM_007121	101.060491	6.831560259	1.54E-08	14.79317859
DCP1B	NM_152640	83.91763382	0.739922759	3.48E-10	113.414046
TRPM4	NM_001195227	174.550837	3.371487228	9.14E-17	51.77265261
PPAN	NM_020230	52.22393965	3.434404139	5.51E-05	15.20611365
UFL1	NM_015323	119.7940845	0.470603544	7.43E-16	254.5541486
THAP1	NM_199003	60.53024548	7.409723571	0.000421494	8.16902883
MRPL42	NR_038161	106.5096539	1.689084461	2.05E-11	63.05762465
BPTF	NM_004459	37.14285714	1.286738164	0.000330021	28.86590152
CNIH4	NM_001277200	55.61132799	2.233179747	1.97E-05	24.90230715
COA5	NM_001008215	118.2033481	2.629883238	1.59E-13	44.94623426
MIR181A2HG	NR_038975	47.30502215	0.40919212	1.87E-06	115.6058972
CDKN2B	NM_078487	148.1003904	1.489952986	1.47E-19	99.39937151
ABCF3	NM_018358	58.46847084	2.851674953	1.80E-05	20.50320314
WASF1	NM_003931	55.61132799	1.431890552	3.78E-05	38.83769463
ZNF775	NM_173680	63.91763382	0.821583098	2.24E-07	77.79813628
DDX23	NM_004818	61.59073644	0.67317278	1.92E-07	91.49320687
XPA	NR_027302	141.3256137	4.740038966	1.07E-13	29.81528521
PTPN1	NM_002827	101.060491	2.27257075	7.28E-10	44.46967865
RABIF	NM_002871	115.611328	9.805263727	1.74E-08	11.7907413
CDC26	NM_139286	104.1827566	6.421763545	1.28E-08	16.22338721
PPP2R3B	NM_013239	28.83655131	0.282497738	0.000999748	102.0771052
MCAT	NM_173467	137.9382254	6.902635219	4.33E-12	19.98341517
EXOC2	NR_073064	78.2033481	0.057915197	4.37E-11	1350.307898
FARP2	NM_014808	140.5302455	2.118431457	9.65E-14	66.33693293
ORAOV1	NM_153451	90.95753323	3.47801087	2.04E-09	26.15217049
MAPKAPK5	NM_139078	93.01930787	1.111135592	4.29E-10	83.71553256
EMC3	NM_018447	67.30502215	1.992944914	3.55E-07	33.771642
ZBTB49	NM_145291	123.9176338	1.362855924	3.82E-14	90.92496986
GNAQ	NM_002072	29.10167405	0.079358157	0.001433935	366.7130804
RNF135	NM_001184992	157.6731026	2.617965288	2.65E-16	60.22734653
MOB1A	NM_018221	149.8970423	2.527444757	8.39E-16	59.30774229
THUMPD2	NR_028102	140	1.093799525	3.04E-16	127.9942044
RPL36AL	NM_001001	141.3256137	19.78637614	6.94E-08	7.142571875
TUBA4A	NM_006000	167.5701449	19.22227394	5.42E-11	8.717498535
FDPS	NM_001135822	64.18275656	7.202789642	0.000105021	8.910819244
EIF3G	NM_003755	67.03989941	12.64682115	0.00125943	5.300928877
LRRC1	NM_018214	87.03989941	0.725038112	7.63E-10	120.0487229
RABGGTB	NR_073562	152.7541851	16.62254555	4.67E-10	9.189578378
TNPO1	NM_153188	189.3667968	1.719311122	2.10E-20	110.1410876
PCK2	NM_001291556	126.5096539	12.93216978	7.46E-09	9.782554364
PIN1	NR_038830	50.16216501	3.358529277	0.000224518	14.93575338
PEX13	NM_002618	121.3256137	1.661978758	2.75E-13	73.00070058

TAF12	NM_005644	208.8365513	2.105856359	1.16E-23	99.16941886
RPS3	NM_001260506	155.611328	9.870825393	1.14E-12	15.76477364
ARL5B	NM_178815	115.0810825	1.756824506	1.49E-13	65.50516691
COA3	NM_001040431	93.28443061	13.19646928	6.56E-05	7.068893095
IPO9	NM_018085	84.4478793	4.80316362	2.73E-07	17.58172029
SCARB2	NM_001204255	138.7335936	1.638012419	5.20E-15	84.69630143
RPS6KA4	NM_003942	132.4890624	1.122987054	8.75E-17	117.9791539
ARL6IP1	NM_015161	169.8970423	3.092034008	3.92E-19	54.94669264
TRMT61B	NM_017910	100.5302455	1.505608977	1.04E-11	66.77048755
IQCH	NM_001031715	112.4890624	0.130058735	1.75E-14	864.9097067
MRPS27	NM_015084	90.69241049	1.459526106	5.19E-09	62.13825852
TMEM256-PLSCR3	NR_037719	144.1827566	18.62379527	9.06E-09	7.741856825
PPP1CB	NM_206876	63.38738834	0.929084414	1.48E-07	68.22565034
RIC8A	NM_021932	101.3256137	20.57807608	2.55E-05	4.923959525
CTU1	NM_145232	84.18275656	3.486996831	3.41E-08	24.14190796
CBLN3	NM_001039771	40.79536822	4.716089116	0.004129037	8.65025389
DSTYK	NM_199462	176.1415735	0.814408668	1.01E-20	216.2815555
SLC25A21-AS1	NR_033240	126.5096539	20.2742629	1.40E-06	6.239913854
TMEM249	NM_001252404	160.7953682	29.67330663	4.23E-07	5.41885575
LOC727751	NR_102748	34.28571429	1.603368827	0.003347353	21.38354801
ARID1A	NM_139135	57.67310262	2.77830248	2.65E-05	20.75839583
FLJ31104	NR_102755	143.6525111	5.126986476	7.30E-14	28.01889799
GALNT5	NM_014568	41.3256137	0.887373739	8.97E-05	46.57069718
ARHGFE18	NM_015318	73.54955335	0.578787239	4.94E-09	127.075285
ALAS1	NM_000688	218.4684708	6.632223891	1.07E-20	32.94045473
HOXB6	NM_018952	115.0810825	19.36569215	1.77E-06	5.942523594
RAB28	NM_001017979	105.9794085	0.315706059	1.95E-13	335.6901316
SKAP1	NM_003726	38.99871632	0.09785247	5.97E-05	398.546058
ZNF649	NM_023074	49.63191953	1.500941914	3.64E-05	33.06718206
RPS19BP1	NM_194326	102.1209819	6.256606152	3.74E-09	16.3221049
LOC730102	NR_037167	58.73359358	1.698005953	4.75E-06	34.58974539
SMARCE1	NM_003079	64.71300204	1.036898764	1.73E-07	62.41014483
ZNF174	NM_001032292	82.12098192	7.03352019	1.73E-06	11.6756588
ZSCAN2	NM_017894	114.2857143	2.750120569	4.79E-13	41.55661957
SAP30	NM_003864	123.9176338	3.555050727	1.81E-13	34.85678358
CLNS1A	NM_001293	135.8764507	0.971903418	8.46E-18	139.8044787
ARF4	NM_001660	108.6306359	4.473109921	4.51E-10	24.28525964
CFAP221	NM_001271049	31.69369417	0.228525063	0.000651647	138.6880447
CSTF3-AS1	NR_034027	24.71300204	0.496456339	0.002379481	49.77880252
DCAF7	NR_073585	139.7940845	2.568851223	1.09E-14	54.41891041
MAPRE3	NM_012326	46.77477667	2.976984581	0.000330052	15.71213266
SDHD	NM_001276506	79.26383906	3.468215971	4.58E-08	22.85435501
MRPS28	NM_014018	112.7541851	0.604786423	2.79E-13	186.4363698
CKS2	NM_001827	139.2638391	3.915848534	3.10E-15	35.56415368
FAM46A	NM_017633	147.3050222	4.766645175	3.00E-15	30.90329083
VHL	NM_000551	109.8970423	6.685554244	1.35E-09	16.43798528
RFC5	NM_001206801	49.63191953	4.377968799	0.000570953	11.33674583
TMEM64	NM_001146273	146.5096539	1.617464506	1.63E-17	90.57982628
PSMB2	NM_002794	113.2844306	2.244232213	6.34E-12	50.47803428
PTPDC1	NM_177995	170.4272878	0.441587379	7.70E-23	385.9423884
MACROD1	NM_014067	107.5701449	1.321828	1.26E-10	81.37983529
PLAU	NM_001145031	79.26383906	7.733769331	3.52E-06	10.24905653
WWP1	NM_007013	77.93822536	1.674904038	2.30E-07	46.5329497
C14orf28	NM_001017923	130.162165	0.867304346	3.98E-18	150.0766894
LYRM9	NM_001076680	112.4890624	1.630029416	1.04E-13	69.01044929
SKA3	NM_145061	114.8159598	0.055943548	1.91E-19	2052.353901
ANKRD16	NM_019046	178.4684708	2.08075951	1.24E-20	85.77083032
SLC35C1	NM_001145266	100.5302455	22.73326318	8.22E-05	4.422165208
NELFB	NM_015456	138.4684708	2.897939428	1.56E-14	47.78169948
MSTO2P	NR_024117	203.9768411	39.81241999	1.28E-09	5.123447435
STX2	NM_001980	65.71428571	0.696870808	3.59E-08	94.29909385
TRIM2	NM_015271	93.01930787	1.861008611	4.45E-09	49.98327645
COQ10A	NM_144576	201.5907364	12.00956957	9.96E-17	16.78584193
GLRX	NM_002064	58.73359358	5.192574329	0.000111406	11.31107421

PYROXD2	NM_032709	150.4272878	1.346872469	4.78E-18	111.6863632
WBSCR22	NM_001202560	120.7953682	2.108234541	2.23E-13	57.29693061
LSM10	NM_032881	127.3050222	3.192983821	1.36E-14	39.87023715
ZNF805	NM_001145078	78.73359358	0.142759472	1.54E-13	551.5122236
GOLGA5	NM_005113	104.4478793	0.578537618	4.61E-14	180.5377491
RABEPK	NM_001174152	191.9588169	1.595540676	7.75E-23	120.3095727
NRD1	NM_001101662	53.28443061	1.797361634	4.46E-05	29.64591521
MFAP3	NM_001135037	139.5289618	2.432508402	2.96E-15	57.36011506
MRM1	NM_024864	110.9575332	6.429956541	8.24E-10	17.25634264
PIK3C3	NM_002647	55.87645073	1.094863218	2.01E-06	51.03509719
KGFLP1	NR_047527	27.03989941	0.329952327	0.002764992	81.95092809
CDH24	NM_022478	115.611328	4.055162929	3.91E-11	28.50966287
BUB3	NM_004725	47.30502215	4.84244908	0.00047949	9.768821804
BET1L	NM_016526	160.7953682	17.00380934	9.28E-11	9.456432084
CDKN1B	NM_004064	47.83526763	6.502327236	0.001187386	7.356638
CDK5RAP3	NM_001278216	53.28443061	5.353561812	0.000128167	9.953080301
CEBPZOS	NR_037880	111.222656	8.754750677	1.40E-08	12.7042631
CHCHD5	NM_032309	91.95881691	11.2365365	3.18E-06	8.183911202
ATP5O	NM_001697	123.9176338	3.46237677	4.13E-13	35.78976005
ZFP41	NM_001271156	111.6936942	9.844190546	1.11E-08	11.34615321
MERTK	NM_006343	123.1222656	0.724623124	3.24E-14	169.9121399
GALNT12	NM_024642	43.91763382	1.380575497	0.000413984	31.81110625
METAP2	NM_006838	160.7953682	1.257606499	1.15E-18	127.8582517
PANK3	NM_024594	116.1415735	0.815741705	4.92E-15	142.3754269
CSAD	NM_001244705	83.1222656	4.14565368	2.04E-07	20.05046056
EIF4A3	NM_014740	288.3655131	7.897574312	4.69E-28	36.51317502
INPP4A	NM_001134224	152.2239396	0.945072581	4.37E-17	161.0711629
TMEM106B	NM_018374	126.7747767	2.004087371	3.61E-14	63.25810865
TMEM86A	NM_153347	61.85585918	4.77457055	2.60E-05	12.9552718
CSPG4	NM_001897	147.3050222	3.086222984	1.66E-14	47.72987011
SLC10A3	NM_001142391	165.9794085	8.420679211	2.63E-14	19.71092881
CCDC125	NM_001297696	158.4684708	1.146245709	5.58E-18	138.2500014
ZNF620	NM_001256168	45.97940845	1.377594677	5.00E-05	33.37658691
SP5	NM_001003845	61.59073644	1.149506967	1.91E-07	53.58013322
LOC101928388	NR_120334	112.2239396	3.238517632	1.06E-10	34.65287282
PGAP3	NM_001291733	74.81595977	2.199709241	4.77E-08	47.81174954
COG7	NM_153603	100.7953682	1.156100786	1.67E-10	87.18562382
EXOC7	NM_001282313	75.61132799	4.563872042	1.81E-06	16.5673637
SLC16A1	NM_003051	172.4890624	2.892891071	3.92E-18	59.62514942
CD99	NM_002414	37.67310262	1.069724099	0.000209605	35.21758804
ZNF484	NM_001261459	95.61132799	1.501071453	2.88E-10	63.69538757
FGFR1OP2	NM_001171887	146.5096539	0.585638607	7.77E-20	250.1707576
NISCH	NM_007184	102.8571429	4.365735324	3.21E-09	23.56009589
HMGN3-AS1	NR_040671	121.060491	18.67791535	4.99E-07	6.481477655
ZFYVE1	NM_021260	51.95881691	1.4015427	6.15E-05	37.0725893
TMEM198B	NR_036477	86.77477667	18.78715485	0.000309582	4.618835442
ZNF687	NM_020832	115.0810825	10.48584865	1.48E-08	10.97489448
NAPG	NM_003826	35.61132799	0.913437096	0.000266886	38.98607592
C18orf8	NR_075076	132.2239396	3.229293551	6.58E-13	40.94515954
ARSD	NM_001669	102.8571429	2.118167703	3.04E-11	48.55948976
EEF1DP3	NR_027062	46.24453119	0.01503258	9.75E-08	3076.287076
SRP68	NR_048541	170.6924105	3.61586064	4.37E-17	47.20657888
SELK	NM_021237	77.67310262	3.319520661	4.12E-08	23.39889115
ZFYVE16	NM_014733	178.9987163	0.571329921	4.51E-22	313.3018413
USE1	NM_018467	101.5907364	2.371031993	2.81E-11	42.8466325
10-Mar	NM_001288780	31.95881691	1.080095595	0.001203586	29.58887812
HELB	NM_033647	121.8558592	0.695711336	5.13E-15	175.1529017
ATF4	NM_182810	178.7335936	38.59485399	9.22E-08	4.631021369
CARKD	NM_001242883	58.2033481	1.318399142	5.06E-06	44.14698574
CCNT1	NM_001277842	44.18275656	3.653977938	0.000547403	12.09168673
CTSZ	NM_001336	84.18275656	8.766540123	5.61E-06	9.602734417
TMEM9B-AS1	NR_073431	138.4684708	6.081003116	3.19E-12	22.7706627
METTTL20	NM_001135863	41.06049096	0.610264058	6.76E-05	67.28315462
NEDD8	NM_006156	124.1827566	4.04076642	1.80E-12	30.73247588

RGS9	NM_001081955	38.99871632	1.032070412	0.000129998	37.78687564
LOC143666	NR_026967	96.40669621	12.9664857	4.23E-06	7.435067481
BUD31	NM_003910	130.4272878	6.055244716	1.06E-11	21.53955684
PCGF1	NM_032673	67.83526763	15.41801513	0.002580566	4.399740633
CDC42	NM_001039802	74.55083703	2.418471464	2.34E-07	30.82560127
LAMP2	NM_013995	68.83655131	0.245157779	2.78E-10	280.7846915
ABHD4	NM_022060	82.91635014	1.511674521	7.19E-10	54.85066327
PIGV	NM_017837	116.1415735	9.070048492	1.34E-09	12.80495618
ARMC10	NM_001161010	103.9176338	3.080040371	7.97E-10	33.73904927
NPEPPS	NM_006310	128.8365513	2.20264101	8.38E-13	58.49185171
UVRAG	NM_003369	87.83526763	0.424510439	6.51E-10	206.909559
HAUS5	NM_015302	53.54955335	1.051577927	2.30E-06	50.92304808
SOCS5	NM_014011	43.1222656	0.452848639	2.59E-05	95.22445665
SPIN1	NM_006717	108.5714286	0.78774093	7.55E-13	137.8263137
PUM1	NM_014676	151.6936942	1.998740979	5.31E-15	75.89462354
ANKRD29	NM_173505	40.26512274	1.963897027	0.00112734	20.50266495
HSPB11	NM_016126	113.0193079	2.305502242	1.27E-12	49.02155626
ACADM	NM_001286043	120.5302455	2.813865515	2.07E-12	42.83440158
ZC3H12C	NM_033390	38.2033481	1.171602594	0.000269236	32.60777015
NPHP3-ACAD11	NR_037804	92.22393965	1.429361245	8.31E-09	64.52108589
TGDS	NM_014305	187.0398994	1.50672666	2.27E-22	124.1365832
SPOPL	NM_001001664	61.06049096	1.707427777	9.83E-06	35.76168302
C8orf37	NM_177965	172.7541851	3.211231386	5.26E-18	53.79686618
C2orf70	NM_001105519	38.46847084	0.337067346	1.82E-05	114.1269579
MRPL44	NM_022915	98.46847084	2.112393391	7.18E-11	46.61464634
LOC100507283	NR_103862	241.060491	1.199335153	7.11E-31	200.9951017
UBXN1	NM_001286077	81.85585918	18.92047509	0.001012651	4.326310983
CCNH	NM_001199189	137.4079799	1.300123947	1.87E-17	105.6883693
EGFR	NM_201284	120.2651227	2.927031772	1.68E-11	41.08774079
SECISBP2	NM_024077	184.4478793	1.164409164	2.25E-22	158.4046957
POLE	NM_006231	44.4478793	1.768046104	0.000288367	25.13954766
LINC01521	NR_120386	67.03989941	15.71825967	0.003317718	4.265096824
CALM2	NM_001743	151.9588169	3.97087559	6.42E-16	38.26833994
TBC1D7	NM_001258457	215.3462052	0.836108351	6.28E-30	257.5577735
RPIA	NM_144563	92.22393965	0.995260749	1.04E-09	92.66309331
HSPE1-MOB4	NM_001202485	47.30502215	5.133696171	0.000949244	9.214612742
COA4	NM_016565	146.5096539	4.43549283	8.05E-15	33.03120071
C5orf51	NM_175921	89.89704227	0.713373984	1.38E-11	126.0167097
REEP3	NM_001001330	85.97940845	0.492641041	2.29E-10	174.5274982
NECAP2	NM_001145278	106.5096539	2.718068	1.31E-10	39.18579444
ARFGEF1	NM_006421	92.75418513	0.977090966	3.18E-10	94.9289149
SRRT	NM_015908	83.38738834	6.819423149	1.09E-06	12.22792405
ZFC3H1	NM_144982	97.67310262	2.558996433	1.14E-09	38.16851847
REEP4	NM_025232	127.0398994	13.75151269	9.63E-09	9.23824908
KIAA0319L	NM_024874	157.9382254	1.083762803	2.04E-16	145.7313583
KIAA1033	NM_001293640	127.8352676	0.636645814	1.77E-16	200.7949551
SH2D3A	NM_005490	129.6319195	8.231781962	1.63E-10	15.74773483
LOC642366	NR_046243	95.08108251	2.030900832	1.81E-10	46.81719611
SRPK1	NM_003137	143.9176338	0.945883255	1.72E-15	152.1515822
RIOK1	NM_031480	84.4478793	1.21912977	1.29E-09	69.26898301
TACC1	NM_006283	143.9176338	1.62333936	4.23E-15	88.65529746
SCRN1	NM_001145514	43.65251108	1.017669514	5.44E-05	42.89458461
ZNF778	NM_182531	128.1003904	1.56164784	9.73E-16	82.02898703
KCTD13	NM_178863	73.54955335	6.413151016	1.11E-05	11.4685516
HDAC5	NM_005474	63.1222656	5.097121659	4.27E-05	12.38390406
XK	NM_021083	70.16216501	0.862022626	9.00E-09	81.39248659
IFNAR1	NM_000629	124.1827566	2.622827175	5.76E-13	47.34690785
GTF2IRD2	NM_001281447	78.46847084	2.966073882	5.38E-08	26.45533253
NTN4	NM_021229	35.87645073	0.303183718	0.000175863	118.3323794
MED26	NM_004831	66.77477667	2.325291057	2.49E-06	28.71673912
NKAPP1	NR_027131	83.38738834	2.615820053	7.99E-09	31.87810577
TTC5	NM_138376	30.69241049	0.826607665	0.002908802	37.13056605
BBS5	NM_152384	32.48906239	0.037702589	1.75E-05	861.7196768
NR1D2	NM_001145425	100.7953682	1.290378874	3.92E-11	78.11300251

SYN2	NM_133625	215.0810825	0.533721493	2.13E-25	402.9837381
TBCB	NM_001281	123.3873883	6.575793055	1.47E-10	18.76387947
AKIRIN1	NM_001136275	154.8159598	4.278303995	2.39E-15	36.1862925
EML1	NM_001008707	29.36679679	0.689617715	0.002413563	42.58416824
NINL	NM_025176	132.7541851	0.893302203	5.89E-15	148.6106098
FAM84B	NM_174911	142.3861047	6.585638642	2.82E-13	21.62069807
COMMD10	NM_016144	99.5289618	0.357613277	9.46E-12	278.3145037
SYNM	NM_145728	135.611328	1.192993751	4.64E-16	113.6731252
L3MBTL3	NM_001007102	66.50965393	0.91977078	1.94E-07	72.31111861
MB21D2	NM_178496	115.3462052	0.377912034	3.22E-14	305.21972
LONP2	NM_001300948	43.65251108	1.515159198	0.00063496	28.81051123
METTL5	NM_001293187	150.4272878	4.246635877	2.99E-15	35.42269507
SLC39A11	NM_001159770	130.162165	1.56143993	1.69E-12	83.360341
CHMP2A	NM_198426	135.0810825	22.51821739	3.64E-07	5.998746711
MORN2	NM_001145450	30.42728775	1.599181202	0.002135383	19.02679178
VPS39	NM_001301138	75.87645073	1.845017782	1.05E-07	41.12505118
TFG	NM_001195478	93.01930787	0.736817506	5.54E-11	126.2447039
COPS6	NM_006833	115.3462052	18.67890584	2.02E-06	6.175212093
TANK	NM_133484	44.18275656	1.846114002	0.000585888	23.93284299
TRRAP	NM_001244580	24.97812478	0.863634765	0.004993507	28.92209275
IQSEC2	NM_001111125	215.3462052	1.758732022	1.84E-11	65.58486671
GTF2E2	NM_002095	163.9176338	0.305589048	9.28E-23	536.3989156
ATG16L2	NM_033388	190.162165	11.9342687	4.07E-15	15.934128
AHSA1	NM_012111	173.2844306	3.703948405	5.42E-19	46.78370529
GPHN	NM_020806	98.2033481	0.177187851	5.46E-11	554.2329648
ZBTB44	NM_014155	57.40797988	0.846262945	1.26E-06	67.83704783
TRMT12	NM_017956	113.0193079	6.955446571	1.20E-09	16.24903688
CTC-436P18.1	NR_109908	118.4684708	1.983918727	7.15E-12	59.71437702
RRP7A	NM_015703	84.4478793	15.7838056	5.74E-05	5.350286326
SQSTM1	NM_003900	191.4877787	8.82707537	4.95E-17	21.69323028
BRD9	NM_023924	117.6731026	3.571812218	3.91E-11	32.94492975
VCP	NM_007126	93.01930787	7.105312115	9.96E-08	13.09151609
RUVBL2	NM_006666	63.65251108	3.827068576	2.31E-05	16.63218461
FAM89A	NM_198552	120.2651227	0.670516958	3.64E-16	179.3617913
LOC100131564	NR_034089	136.4066962	1.009131947	1.84E-16	135.1723098
GATAD1	NM_021167	140	4.930055843	1.26E-13	28.39724426
FOXO3	NM_001455	89.36679679	1.133026817	6.51E-10	78.87438802
SMEK1	NM_001284280	155.0810825	2.352491694	3.36E-16	65.92205315
METTL1	NM_005371	121.5907364	4.679275548	7.11E-12	25.98494899
RARS2	NM_020320	93.28443061	1.083440775	9.74E-10	86.10016603
EIF4A2	NM_001967	187.0398994	25.96326596	4.88E-11	7.204020468
GAPDH	NM_001289745	232.4890624	44.00422538	5.79E-11	5.283334962
RAB2B	NM_032846	40.26512274	2.492598088	0.000713179	16.15387693
TRMT13	NM_019083	92.22393965	0.113776771	1.08E-14	810.569141
OTUD1	NM_001145373	61.3256137	5.862264347	9.01E-05	10.46107955
UBA5	NM_024818	203.6525111	0.368771655	5.70E-31	552.2455651
PEX3	NM_003630	100.7953682	0.553444788	3.11E-12	182.1236201
ENPP1	NM_006208	29.36679679	0.269102652	0.001361831	109.128604
RAD51AP2	NM_001099218	80.53024548	0.41827665	3.18E-12	192.5286661
FAM120C	NM_017848	57.67310262	0.087523239	3.53E-08	658.9461625
TSEN2	NM_001145395	96.14157347	1.785424645	4.54E-10	53.84801521
CMTR1	NM_015050	97.93822536	1.196225056	2.01E-10	81.87274199
LYAR	NM_001145725	97.93822536	3.712929629	4.26E-09	26.37761422
LOC101928222	NR_110235	120.5302455	3.638817097	2.26E-12	33.12346905
SLC29A2	NM_001532	125.9794085	20.03556156	1.82E-07	6.287790242
FAM72B	NM_001100910	64.4478793	1.738207243	3.28E-07	37.07721248
SEMA6A	NM_001300780	89.10167405	0.279872066	4.02E-11	318.3657282
SMEK2	NM_001122964	69.89704227	0.451222695	1.32E-08	154.9058658
PLAGL2	NM_002657	88.83655131	2.39062537	6.10E-09	37.16038173
CCDC22	NM_014008	108.8365513	1.10152936	4.12E-14	98.80494819
CMBL	NM_138809	54.55083703	0.619829047	4.00E-07	88.0094879
CPT2	NM_000098	47.03989941	6.908181091	0.004807164	6.809303171
CTBP1-AS2	NR_033339	53.28443061	6.033583826	0.000587772	8.831306922
NPLOC4	NM_017921	186.5096539	4.045473835	2.69E-17	46.10329013

NDOR1	NM_001144026	84.18275656	11.30693417	2.91E-05	7.445232747
ARPC1A	NM_006409	132.2239396	1.579842646	1.49E-14	83.69437296
ENTPD7	NM_020354	161.8558592	1.088618235	7.48E-19	148.6800918
PPP2R5D	NM_001270476	126.5096539	4.748684469	7.75E-12	26.64098968
ZNF212	NM_012256	76.40669621	0.306266801	4.35E-11	249.4775663
UQCRC1	NM_003365	138.2033481	3.654012999	3.22E-14	37.82234714
VWDE	NM_001135924	107.5701449	1.359807361	3.26E-11	79.10689997
EFNA3	NM_004952	169.3667968	21.69937273	2.60E-10	7.805147132
KIF20B	NM_001284259	64.97812478	0.267781746	1.07E-08	242.6533018
SOAT1	NM_003101	109.8970423	0.579607001	7.98E-14	189.6061334
CYB5D1	NM_144607	64.18275656	6.420303518	0.000103634	9.996841485
SCRN3	NM_001193528	55.34620525	0.988397861	1.18E-05	55.9958772
CRAT	NM_001257363	73.28443061	5.751431033	8.12E-06	12.74194721
LRBA	NM_006726	200.2651227	0.498246914	3.44E-21	401.9395144
MINPP1	NM_004897	90.69241049	3.154163018	5.49E-09	28.75324134
ECSIT	NM_001142464	50.16216501	2.69285438	5.04E-05	18.6278788
LRRC42	NM_052940	83.38738834	1.938306448	5.29E-09	43.02074547
HMGN1	NM_004965	77.40797988	4.690474897	6.88E-07	16.50322869
PFAS	NM_012393	90.42728775	2.284498639	6.19E-10	39.58299042
TNFRSF18	NM_004195	101.060491	15.59729527	1.12E-05	6.479359994
TRIM6	NM_001198644	27.03989941	0.174469548	0.000538626	154.9834895
BAG3	NM_004281	170.162165	3.661870531	1.58E-17	46.46864589
EXOC3	NM_007277	46.77477667	0.662254247	4.73E-06	70.62963636
CTTNBP2	NM_033427	83.91763382	0.936360992	3.13E-09	89.6210271
ENO4	NM_001242699	130.162165	3.701419811	1.50E-12	35.16546938
CBY1	NM_015373	98.2033481	2.270995199	5.74E-11	43.24242876
GMPPA	NM_013335	147.5701449	2.615962759	2.03E-17	56.41140892
ZNF274	NM_016324	68.83655131	0.605622186	3.13E-09	113.6625323
GLTP	NM_016433	97.40797988	0.219736289	1.62E-15	443.294916
VPS13A	NM_001018038	126.2445312	0.993331648	8.90E-14	127.0920256
LOC101928131	NR_121677	23.91763382	0.098941206	0.000654913	241.7358234
C4orf3	NM_001001701	143.3873883	10.61408452	1.39E-11	13.5091621
MMS22L	NM_198468	69.63191953	1.017116887	1.13E-07	68.46009582
CHD1L	NM_001256338	107.3050222	0.822021045	2.85E-12	130.5380474
C5orf45	NM_001017987	171.222656	6.58673354	7.74E-16	25.99507858
SMCHD1	NM_015295	131.9588169	0.616653371	2.72E-15	213.9918846
BCAT2	NM_001190	144.1827566	5.48206512	2.22E-13	26.30081062
PSMD11	NM_002815	101.3256137	1.00628376	2.65E-11	100.6928838
TBC1D22B	NM_017772	114.8159598	0.59267597	2.70E-14	193.7246752
DGCR6L	NM_033257	180.5302455	2.624218185	4.34E-21	68.79391604
MEF2D	NM_005920	54.28571429	3.637957612	4.11E-05	14.92203046
SLC35E2	NM_182838	102.3861047	5.585941655	1.01E-08	18.32924706
BACH2	NM_001170794	43.38738834	0.501938459	7.96E-05	86.43965721
RAB11FIP2	NM_014904	80.53024548	1.602280651	3.03E-08	50.25976282
GAK	NM_005255	170.6924105	0.053408496	2.17E-29	3195.978596
BANF1	NM_003860	166.7747767	31.46474411	1.46E-07	5.300369711
GATA6	NM_005257	101.060491	2.095098547	1.40E-10	48.23662882
SP100	NM_001080391	77.93822536	0.039603371	2.28E-12	1967.969465
USP4	NM_001251877	121.5907364	0.935083045	3.50E-15	130.0320191
RWDD1	NM_015952	82.12098192	0.59794609	1.38E-10	137.3384377
TRA2A	NM_001282758	153.2844306	4.063529398	2.88E-15	37.72199377
LDLR	NM_001195799	83.91763382	6.747712651	2.97E-06	12.43645635
LAP3	NM_015907	87.03989941	2.405371452	7.80E-09	36.1856375
RAP1GDS1	NM_001100429	68.57142857	0.301511459	3.72E-08	227.4256138
TBC1D8	NM_001102426	183.1222656	3.563594271	9.18E-18	51.386957
SLC25A20	NM_000387	22.12098192	0.132904958	0.002923898	166.4421123
DNAL1	NM_001201366	53.54955335	0.071931593	1.12E-08	744.4510933
ZFAS1	NR_036659	164.713002	28.53653632	1.13E-08	5.77200401
MAPK1IP1L	NM_144578	149.8970423	4.713564745	4.86E-14	31.80120575
GTF2IRD1P1	NR_003934	114.3449216	0.487928199	7.59E-15	234.3478442
DPF2	NM_006268	106.7747767	1.401144654	1.12E-12	76.20539135
RIMKLA	NM_173642	74.55083703	1.904108397	1.91E-07	39.15262238
SLC38A10	NM_001037984	201.8558592	1.551684654	3.73E-23	130.0881971
LYRM1	NM_001128301	108.3655131	4.955690295	4.73E-10	21.86688567

TLK2	NM_006852	46.50965393	1.68757975	0.000356693	27.55997394
LARP6	NM_197958	117.9382254	9.342678628	6.45E-09	12.62359865
SNX19	NM_014758	97.14285714	2.108435065	4.90E-10	46.07344032
ZNF511	NM_145806	95.08108251	2.274758987	5.38E-11	41.79831052
TTC17	NM_018259	107.0398994	0.6897334	3.47E-12	155.1902508
SOWAHB	NM_001029870	53.54955335	1.176675647	4.45E-06	45.5091881
PYCR1	NM_001282281	138.4684708	20.26324914	4.44E-08	6.833478178
RBM25	NM_021239	183.3873883	1.925168873	1.37E-19	95.25781916
SLC27A6	NM_014031	67.03989941	0.248135923	7.02E-09	270.1740991
LINC00659	NR_046224	120.7953682	14.3611395	1.42E-07	8.411266265
FASTK	NM_001258461	118.4684708	19.60130502	2.34E-06	6.043907317
SPATA5	NM_145207	78.46847084	0.094950103	1.43E-09	826.4179617
BBS2	NM_031885	155.8764507	2.16728215	2.16E-17	71.92254628
PAFAH1B3	NM_001145940	89.10167405	11.94620838	1.07E-05	7.458573568
CHMP4C	NM_152284	202.3861047	2.651802055	3.42E-22	76.32021564
PPP2R2A	NM_002717	48.57142857	1.418501843	0.000148321	34.2413574
MSMO1	NM_001017369	107.0398994	3.076023999	9.57E-11	34.79813533
CEP164	NM_014956	141.060491	1.215997633	8.36E-15	116.003919
ART5	NM_001297668	85.97940845	3.462951739	1.78E-08	24.82835885
MTFP1	NM_016498	68.83655131	13.07285202	0.001255321	5.26561084
DRAM2	NM_178454	78.99871632	2.794693126	2.79E-08	28.26740281
RAB11A	NM_004663	136.1415735	3.093059566	5.18E-14	44.01517998
N4BP2L2	NM_033111	46.50965393	1.677023828	0.000335774	27.73344849
TRIM68	NM_018073	132.4890624	2.997313842	3.98E-14	44.20259918
TM9SF4	NM_014742	67.57014489	2.381841464	1.35E-06	28.3688675
FNBP1L	NM_017737	124.4478793	1.392704533	9.35E-13	89.35698588
SLC35B4	NM_032826	55.61132799	1.93179834	2.09E-05	28.78733604
STRN4	NM_013403	43.65251108	3.906137018	0.002498978	11.17536607
PPAP2B	NM_003713	89.63191953	1.191299401	6.38E-09	75.23878501
AIP	NM_003977	36.14157347	3.571389663	0.004760195	10.11975082
PFKFB4	NM_004567	61.59073644	0.672718316	4.95E-08	91.55501638
PTPN14	NM_005401	109.3667968	0.117852103	1.25E-14	928.000387
WDR24	NM_032259	150.162165	7.079868146	1.32E-13	21.20974034
SETD7	NM_030648	116.4066962	2.532705231	6.05E-12	45.9614071
ZSCAN9	NM_006299	76.40669621	3.022078698	5.96E-08	25.28282809
ELL3	NM_025165	146.2445312	26.94377168	3.10E-07	5.427767608
PPP2R5B	NM_006244	70.16216501	4.295366956	1.03E-06	16.33438207
LMAN2L	NR_024519	78.2033481	1.749393623	5.38E-08	44.70311718
TFCP2	NM_005653	75.61132799	0.676380954	6.83E-09	111.7880797
IMMP1L	NM_144981	55.87645073	0.423724456	4.47E-07	131.8697797
IRF5	NM_001242452	109.8970423	3.822554198	3.62E-11	28.74963612
THOC2	NM_001081550	52.22393965	0.532620857	5.53E-06	98.05087238
PVRL3	NM_015480	29.10167405	0.827785779	0.00205032	35.15604493
SERINC1	NM_020755	63.65251108	0.853839949	5.62E-07	74.54852764
CHMP4B	NM_176812	137.9382254	1.733967283	5.51E-15	79.55065051
UBE2T	NM_014176	107.3050222	3.903785336	1.71E-10	27.48742897
GLTSCR1	NM_015711	135.0810825	2.594698453	2.88E-13	52.06041664
ARMCX6	NM_001009584	43.38738834	4.130961387	0.001586723	10.50297601
C5orf56	NR_045116	75.87645073	1.175744991	8.14E-08	64.53478546
GNAI3	NM_006496	167.0398994	1.063769801	1.60E-19	157.0263597
ZNF799	NM_001080821	109.3667968	0.693350353	1.57E-15	157.7367002
RHOB	NM_004040	170.4272878	21.54182473	2.86E-10	7.911460143
ZNF8	NM_021089	73.54955335	0.151957591	3.13E-11	484.0136839
SMIM20	NM_001145432	117.9382254	0.647324946	1.80E-16	182.193234
MRC2	NM_006039	84.71300204	0.12328558	4.15E-13	687.1282249
LOC414300	NR_121211	173.0193079	3.211426683	5.00E-20	53.87615067
CACYBP	NM_014412	55.61132799	6.231653151	0.000653551	8.924008868
RBBP4	NM_001135255	84.18275656	3.416469646	3.43E-08	24.64027645
TERF2IP	NM_018975	72.48906239	4.071870981	8.93E-07	17.80239667
SURF2	NM_017503	95.34620525	15.75992829	2.99E-05	6.049913649
NDUFB6	NM_182739	91.95881691	2.273056826	4.89E-10	40.45601318
SETD3	NM_199123	66.24453119	1.108293825	1.33E-07	59.77163248
SNX16	NM_152836	86.77477667	1.479520529	5.86E-09	58.65060672
SLC25A30	NM_001286807	98.73359358	1.570411945	2.65E-11	62.87114277

GGNBP2	NM_024835	194.8159598	3.661973929	4.14E-19	53.19971238
SNHG21	NR_110097	112.7541851	2.16048811	9.24E-13	52.18921807
COBL	NM_015198	74.55083703	0.092691088	1.60E-09	804.2934685
LIN7B	NM_022165	68.83655131	14.43149088	0.001700384	4.76988496
SCOC	NM_001153484	61.3256137	2.42005264	7.24E-06	25.34061148
BCL2L2	NM_001199839	132.2239396	4.886885101	5.55E-13	27.05689553
ATP6V1A	NM_001690	132.7541851	0.330837966	2.41E-18	401.2664777
ITPR3	NM_002224	123.3873883	4.628096099	6.98E-11	26.66050698
BRD8	NM_006696	49.36679679	2.760612299	1.00E-04	17.88255338
WASH2P	NR_024077	59.79408454	3.800354107	3.21E-05	15.73381923
DCTN3	NM_001281426	52.48906239	5.088378927	0.00065497	10.3154783
HINT1	NM_005340	146.7747767	3.583758976	6.24E-16	40.95553793
FYTTD1	NM_001011537	108.8365513	2.661973268	2.76E-11	40.88566652
RABEP2	NM_024816	63.38738834	3.52811287	2.02E-05	17.96637202
NAPIL4	NM_005969	46.77477667	3.241520859	0.000322475	14.42988607
SPRYD7	NM_001127482	64.97812478	2.445819253	1.12E-06	26.56701827
E2F4	NM_001950	127.3050222	8.48338148	7.82E-11	15.00640074
C7orf55-LUC7L2	NM_001244584	64.4478793	4.123684084	2.57E-05	15.62871403
PHB	NM_001281496	124.4478793	3.267590919	6.02E-13	38.08551387
VAPA	NM_194434	118.2033481	1.927322811	2.48E-12	61.33033213
WAPAL	NM_015045	104.1827566	1.476163567	2.36E-10	70.57670226
LDB1	NM_001113407	92.48906239	9.630372645	9.82E-07	9.603892372
NAPEPLD	NM_198990	95.61132799	0.422334334	8.78E-13	226.3877696
VRK3	NM_016440	65.24324752	3.458241896	3.07E-06	18.86601617
LOC100507501	NR_039999	218.4684708	6.681527334	3.33E-21	32.69738488
RHOA	NM_001664	80.53024548	2.171356836	6.70E-08	37.08752249
POLR2D	NM_004805	190.162165	5.542147557	5.61E-19	34.31199965
NDFIP2	NM_001161407	101.3256137	1.249566407	2.77E-10	81.08861851
HERC1	NM_003922	69.36679679	0.587182553	1.06E-07	118.1349759
VGLL4	NM_001284390	122.6512274	1.992219228	6.52E-12	61.56512581
ZNF335	NM_022095	95.34620525	6.397014944	1.37E-07	14.90479639
PCYT1A	NM_005017	166.2445312	0.229292405	1.06E-25	725.0328737
MYBBP1A	NM_014520	83.91763382	4.298952248	1.28E-07	19.52048522
NSMF	NM_001130971	66.77477667	8.339799343	0.000224547	8.006760586
RP9P	NR_003500	121.060491	3.569478068	1.45E-11	33.91546009
EID2	NM_153232	98.46847084	13.5977421	2.81E-05	7.241530992
PARG	NM_003631	72.75418513	0.488721015	6.21E-08	148.8664961
PFDN5	NM_002624	53.54955335	9.82442458	0.003342648	5.450655446
PTGES	NM_004878	118.9987163	3.786171059	2.78E-12	31.42983095
TMEM214	NM_001083590	157.9382254	2.532837936	2.10E-18	62.35623019
VCPKMT	NM_024558	66.24453119	1.569362759	3.45E-07	42.2111018
LZTR1	NM_006767	88.10039037	7.208741341	3.97E-07	12.22132772
DLG1	NM_004087	127.0398994	1.112909122	1.47E-13	114.1511889
LRIG3	NM_153377	87.57014489	1.256751067	2.40E-09	69.6797856
ITGAX	NM_001286375	34.28571429	0.238374945	6.42E-05	143.831032
ESRRA	NM_001282450	109.6319195	12.53013725	3.60E-07	8.749458794
RBM18	NR_027125	146.7747767	2.743446626	4.66E-15	53.5001393
TMEM52	NM_178545	107.3050222	24.83447562	0.000214189	4.320808855
ZNF333	NM_032433	81.06049096	1.11215912	7.23E-09	72.88569548
PSAP	NM_002778	200.5302455	1.776873432	1.75E-23	112.8556721
ETFB	NM_001985	63.1222656	4.86090437	2.73E-05	12.98570406
DPH6	NM_001141972	144.713002	1.489950057	1.63E-17	97.12607571
TNFRSF12A	NM_016639	243.3873883	51.75039709	6.57E-10	4.703101851
SEPSECS-AS1	NR_037934	95.87645073	1.118297039	7.90E-11	85.73433299
ACER2	NM_001010887	166.2445312	0.272634931	6.58E-24	609.769741
TESK2	NM_007170	104.4478793	1.161448929	1.06E-11	89.92894706
ZNF204P	NR_024553	41.06049096	1.546693529	0.00048588	26.54727016
TBC1D2	NM_001267571	75.61132799	1.632490862	2.20E-07	46.31653981
TSTD1	NM_001113205	133.0193079	21.37327694	1.03E-06	6.223627206
SAMD13	NM_001010971	44.4478793	3.28043054	0.000332213	13.54940419
CHKB-CPT1B	NR_027928	98.2033481	7.181168223	3.91E-08	13.67512152
RPP38	NM_006414	181.3256137	13.82644468	1.31E-13	13.11440634
LIPE-AS1	NR_073180	204.1827566	1.660911469	6.04E-20	122.9341602
NDUFA4	NM_002489	127.8352676	3.920788194	1.61E-13	32.60448188

UGDH	NM_001184701	175.8764507	1.755877884	4.64E-21	100.1643977
TVP23C-CDRT4	NM_001204478	112.2239396	1.767002643	6.43E-11	63.51090652
LOC100996579	NR_110164	75.34620525	2.827361387	1.02E-07	26.64894753
NXPH4	NM_007224	97.67310262	5.113967677	8.16E-09	19.0992804
LOC101927151	NR_110689	81.59073644	1.48078023	5.17E-10	55.09982831
ASUN	NM_018164	57.93822536	2.658238003	1.57E-05	21.79572533
MRPS36	NM_033281	115.3462052	3.981831905	8.72E-12	28.96812522
ZNF764	NM_033410	78.46847084	2.630116444	3.97E-08	29.83459954
COMMD4	NR_104313	72.75418513	3.133580653	3.31E-07	23.21758818
LOC101926911	NR_110104	72.48906239	0.719012299	6.81E-10	100.8175555
ILF3-AS1	NR_024333	111.6936942	5.504454347	6.53E-10	20.29151068
CDC42EP1	NM_152243	129.6319195	18.37998678	8.37E-08	7.052884264
POLR1C	NM_203290	112.7541851	12.9775996	1.16E-07	8.688369851
TPP1	NM_000391	67.30502215	4.975032229	7.57E-06	13.52856003
DLEU1	NR_109974	89.10167405	1.185659946	1.78E-09	75.14943418
RAB18	NM_001256412	95.87645073	0.981514146	5.25E-11	97.68218939
ZNF225	NM_013362	41.06049096	0.50687745	1.49E-05	81.00674229
TUBGCP4	NM_014444	130.162165	2.425395717	4.86E-14	53.66636219
RECQL4	NM_004260	102.1209819	25.03604332	9.92E-05	4.078958509
EDC4	NM_014329	167.0398994	2.829174115	1.52E-18	59.04192978
FAM57A	NM_024792	100	9.545123211	9.40E-08	10.47655413
PSME3	NM_005789	124.1827566	8.473953916	2.77E-10	14.65464148
SNRNP40	NM_004814	120.5302455	1.978548992	6.44E-13	60.9185044
PMAIP1	NM_021127	169.1016741	8.304054091	2.39E-15	20.3637491
LOC100507642	NR_108065	37.93822536	2.54380974	0.00266652	14.91393981
SNAPC1	NM_003082	141.3256137	0.825861022	1.78E-17	171.1251772
HSPD1	NM_002156	143.6525111	8.106243475	3.13E-12	17.72121841
ZMYND15	NM_001267822	57.67310262	2.513490711	8.76E-06	22.94542103
ZNF816-ZNF321P	NM_001202473	72.22393965	0.951234969	9.14E-08	75.92649768
OMA1	NM_145243	55.08108251	0.342016158	5.30E-07	161.0481882
C10orf32	NM_001136200	102.1209819	1.275625374	1.44E-12	80.05562137
PTGES2-AS1	NR_024425	149.1016741	9.841033917	9.68E-12	15.15101719
HMGCL	NM_000191	129.3667968	2.45633266	2.74E-13	52.66664362
PIM2	NM_006875	55.34620525	4.128147599	4.36E-05	13.40703159
RAB2A	NM_001242644	123.1222656	1.080762658	1.09E-12	113.9216503
RALBP1	NM_006788	163.1222656	1.241004529	4.20E-18	131.4437311
SYTL1	NM_001193308	81.3256137	15.49147259	0.000175247	5.249701938
AVL9	NM_015060	123.9176338	0.085212086	2.62E-19	1454.226028
VPS33B	NM_001289149	101.060491	3.369985727	1.97E-09	29.98840326
STK17A	NM_004760	180.5302455	1.370728567	6.49E-21	131.7038616
NABP1	NM_001254736	192.2239396	6.42027393	6.15E-19	29.94014613
LUC7L	NM_018032	120.5302455	1.296070621	1.94E-13	92.99666511
TRPC4AP	NM_015638	121.3256137	0.677624653	1.70E-14	179.0454542
GSS	NM_000178	152.7541851	5.396819461	1.36E-13	28.30448308
DZIP3	NM_014648	132.4890624	1.049583008	1.01E-13	126.2301899
PIAS3	NM_006099	54.81595977	1.556862128	3.50E-06	35.20925764
ALKBH2	NM_001001655	69.89704227	11.69495692	0.000246592	5.976682323
C8orf59	NM_001293320	110.6924105	6.441079479	4.70E-10	17.18538187
CYP39A1	NM_001278739	56.40669621	0.187943659	1.58E-07	300.1255614
TEF	NM_003216	51.95881691	0.897267709	7.61E-06	57.90781989
PIGU	NM_080476	80.26512274	1.695901738	1.12E-07	47.32887581
KIAA0020	NM_014878	97.93822536	1.554205962	2.39E-10	63.01495923
COPB1	NM_001144062	110.4272878	1.676153615	6.45E-12	65.88136478
MOCOS	NM_017947	171.9588169	0.89755094	2.70E-19	191.5866936
UBA1	NM_003334	60	4.625162684	5.12E-05	12.97251667
NCDN	NM_014284	155.611328	7.693801502	1.69E-13	20.22554493
MTA2	NM_004739	121.060491	5.873850511	9.66E-11	20.61007354
NDST2	NM_003635	170.162165	5.225508642	4.10E-17	32.56375153
HNRNPA1L2	NM_001011724	124.1827566	1.43547246	1.95E-14	86.51002374
OPA3	NM_001017989	71.95881691	2.537456814	6.99E-07	28.35863709
TMEM38A	NM_024074	85.97940845	4.682608932	1.49E-07	18.36143263
RBM43	NM_198557	64.4478793	1.191448533	8.86E-08	54.09203799
SLC35F3	NM_173508	47.03989941	0.295883904	3.43E-05	158.9809339
DIP2A	NM_001146116	111.6936942	1.593626216	4.63E-11	70.08776153

NDUFC2-KCTD14	NM_001203261	69.36679679	3.360069066	1.79E-06	20.64445564
FLJ38576	NR_046264	115.8764507	18.18709618	1.19E-06	6.371355249
GPR19	NM_006143	41.59073644	0.218281483	3.72E-06	190.5371717
DUS2	NM_001271763	55.61132799	1.10643671	2.44E-05	50.26164398
ALG10	NM_032834	49.89704227	2.559379012	0.000114504	19.49576129
NIPSNAP3A	NM_015469	171.9588169	2.96352991	5.49E-19	58.02499794
TMEM63B	NM_018426	34.81595977	2.355410551	0.003466736	14.78127019
ECI1	NM_001178029	121.5907364	7.470724354	2.60E-10	16.2756288
NCK1	NM_006153	187.0398994	0.349161062	2.20E-25	535.6837288
YTHDF2	NM_016258	40.53024548	2.982345827	0.001052145	13.59005556
TMED10	NM_006827	67.83526763	0.74737333	1.50E-08	90.76490277
PTDSS1	NM_014754	284.9781248	2.863775558	2.55E-30	99.51133356
TM4SF19	NM_138461	42.12098192	3.637418472	0.001860964	11.57991093
SRF	NM_003131	123.6525111	8.378807599	2.44E-10	14.75776948
DGCR2	NR_033674	118.2033481	2.99030017	1.92E-11	39.52892398
ERRFI1	NM_018948	153.5495533	10.02345268	2.65E-12	15.31902811
DNAJC27	NM_016544	113.0193079	1.966927434	1.27E-12	57.45982588
GOLPH3	NM_022130	138.7335936	1.954843856	6.54E-15	70.96914322
RBM34	NM_015014	164.713002	0.143127142	9.02E-27	1150.815976
SIRT7	NM_016538	138.7335936	12.24364517	2.43E-10	11.33106944
GTF2H5	NM_207118	232.7541851	0.711078768	2.79E-32	327.3254606
KANK1	NM_001256877	34.81595977	0.336686435	0.000535461	103.4076699
DNAJC16	NM_015291	96.67181894	1.832069224	4.54E-10	52.76646629
ZBTB34	NM_001099270	25.71428571	0.948602249	0.003147074	27.10755297
CCRN4L	NM_012118	133.0193079	4.509903431	9.58E-13	29.49493485
PGD	NM_002631	107.3050222	1.600295698	1.03E-12	67.05324665
ALDH18A1	NM_001017423	69.89704227	1.107243869	5.05E-07	63.1270529
SUSD3	NM_001287007	83.38738834	2.070406498	9.36E-09	40.27585327
DGUOK	NM_080918	130.4272878	3.250121969	9.61E-13	40.12996712
PABPC1	NM_002568	153.2844306	10.83496984	6.33E-12	14.14719495
PRKDC	NM_006904	169.3667968	1.872757041	1.38E-16	90.43714323
ZCCHC24	NM_153367	83.65251108	0.23314967	1.26E-11	358.7931782
TTYH2	NM_032646	128.8365513	2.795356795	3.62E-13	46.08948366
TRAPPC4	NM_016146	64.4478793	8.619563059	9.77E-05	7.476931123
USP3-AS1	NR_034080	200.2651227	9.19295864	1.37E-17	21.78462132
PCOLCE-AS1	NR_038910	43.65251108	1.760393933	0.000204934	24.7970129
MANEA	NM_024641	92.22393965	0.797962103	8.16E-11	115.5743353
ARPC2	NM_005731	38.2033481	3.569586149	0.002198961	10.70245863
DENND1A	NM_020946	103.1222656	0.389925412	2.92E-11	264.4666453
IPP	NM_001145349	161.8558592	0.325780048	1.12E-23	496.8255738
DDX17	NM_006386	116.6718189	5.949328195	5.10E-10	19.61092331
LIG3	NM_002311	69.89704227	3.232880924	7.14E-07	21.62066711
KRTCAP3	NM_173853	117.9382254	13.1285205	1.56E-07	8.983359959
USP8	NM_005154	152.7541851	0.242836834	1.08E-21	629.040424
SFXN5	NM_144579	103.1222656	1.965246021	5.80E-10	52.47295479
NCBP2-AS2	NR_024388	98.2033481	8.039510294	7.56E-07	12.21509078
RPUSD1	NM_058192	95.08108251	10.82008618	2.46E-06	8.787460736
ANAPC2	NM_013366	92.48906239	0.289108874	7.90E-14	319.9108391
ZNF436	NM_030634	118.4684708	3.906374241	8.06E-12	30.32696397
GYG1	NM_001184721	120.7953682	2.577919598	1.33E-12	46.85769421
AMIGO3	NM_198722	74.81595977	16.29581896	0.001038015	4.591113828
FSD1L	NM_001287191	92.48906239	0.307669226	1.05E-11	300.6120038
MED8	NM_201542	88.10039037	3.300411693	4.85E-09	26.6937578
TCF25	NM_014972	200.7953682	3.092300157	1.68E-20	64.93398378
MNAT1	NM_001177963	155.611328	0.416128009	5.48E-18	373.9506226
C4orf27	NM_017867	110.162165	1.099667371	3.21E-13	100.1777155
TNRC18	NM_001080495	37.93822536	2.443978233	0.002485836	15.52314372
PPP4R2	NM_174907	49.36679679	1.041963843	1.20E-05	47.3786083
MTMR3	NM_021090	133.0193079	0.730292726	2.08E-15	182.1451908
EBLN3	NR_036592	75.34620525	2.372094609	1.41E-07	31.76357509
DPH2	NM_001384	57.40797988	3.676786107	2.42E-05	15.61363055
ZFP36L2	NM_006887	140.7953682	11.89909376	1.74E-10	11.83244465
NUDT8	NM_001243750	102.1209819	6.994453315	3.01E-08	14.60028073
USO1	NM_001290049	87.57014489	1.737079607	1.06E-08	50.41228078

PHF5A	NM_032758	73.01930787	1.584434585	3.16E-08	46.08540394
KIAA0907	NM_014949	135.611328	2.732189992	5.72E-14	49.63466244
TRIM35	NM_171982	116.1415735	3.52016948	2.96E-11	32.99317664
GPC2	NM_152742	88.83655131	4.283537317	2.95E-08	20.73906324
SDC4	NM_002999	140	6.073735357	2.04E-12	23.05006586
ADCK2	NM_052853	115.3462052	1.383574508	1.13E-13	83.36826431
STAM2	NM_005843	74.55083703	0.455064333	1.45E-09	163.8248299
NUTM2A-AS1	NR_024397	109.3667968	1.678570869	9.21E-11	65.15470916
LOC101927051	NR_109952	54.81595977	5.545991197	0.000182852	9.883888707
C4orf29	NM_001039717	124.1827566	0.653070393	1.72E-15	190.1521764
PPM1F	NM_014634	100.5302455	3.08781168	3.32E-10	32.55711678
NDC80	NM_006101	77.93822536	0.472721176	2.78E-10	164.8714492
SREBF1	NM_004176	167.0398994	14.18402303	7.00E-12	11.77662354
ICE2	NM_001018089	157.9382254	0.685450165	6.79E-19	230.4153291
ACO1	NM_002197	135.3462052	1.092940863	1.11E-14	123.8367142
CLP1	NM_006831	64.18275656	3.186517444	4.99E-06	20.14197558
RNF144A	NM_014746	91.69369417	0.021048883	1.41E-15	4356.226163
GPN2	NM_018066	92.48906239	3.825630502	3.85E-09	24.1761619
NUMA1	NR_104476	112.4890624	3.343997967	7.59E-11	33.63909413
TBXA2R	NM_201636	66.77477667	0.850415568	2.49E-08	78.52017201
TXNDC16	NM_020784	113.2844306	0.746844534	3.03E-13	151.684086
TIAM1	NM_003253	77.14285714	1.318816741	2.77E-08	58.49399294
METAP1D	NM_199227	115.3462052	0.521045013	2.24E-14	221.374742
PSMD9	NR_048555	112.7541851	0.915056623	1.49E-13	123.2209923
ZDHHC12	NM_032799	156.1415735	10.53588481	9.27E-13	14.81997728
CNTROB	NM_001037144	87.30502215	3.587590755	2.37E-08	24.33527905
TMEM183B	NM_001079809	97.93822536	2.718068428	8.47E-10	36.03228835
KDM4A	NM_014663	38.2033481	3.720232906	0.002385317	10.26907429
CSNK1E	NM_001289912	97.67310262	4.327836635	2.88E-08	22.56857429
MAN2B1	NM_001173498	78.2033481	0.768309909	1.62E-09	101.7862027
METTL2A	NM_181725	128.1003904	5.884581215	4.07E-11	21.76882019
POMK	NM_032237	130.162165	1.152335653	8.58E-16	112.9550792
PRPF4B	NM_003913	78.99871632	1.794965844	3.99E-08	44.01126439
IL18	NM_001562	126.5096539	2.1891742	1.95E-14	57.78875612
COPS3	NM_001199125	49.10167405	2.547673156	0.000128161	19.27314496
FANCF	NM_022725	41.06049096	0.623863606	8.32E-05	65.81645497
LHFPL2	NM_005779	111.6936942	0.947335351	2.10E-12	117.903015
UQC2	NM_032340	133.0193079	9.771127927	5.74E-11	13.61350592
TTLL7	NM_024686	93.81467609	0.453770822	2.71E-11	206.74462
HECTD1	NM_015382	51.48777871	0.376921951	3.13E-06	136.6006374
RANGAP1	NM_002883	98.99871632	4.477725122	7.37E-09	22.10915445
CEP19	NM_032898	171.9588169	4.980721459	6.93E-18	34.52488125
MRPS21	NM_031901	147.5701449	4.965935933	2.64E-14	29.71648182
DGKA	NM_201444	66.24453119	2.944882948	1.30E-06	22.49479262
REST	NM_005612	114.550837	2.023349303	1.35E-12	56.61446437
SEC23A	NM_006364	95.08108251	0.656413169	1.45E-11	144.849444
IMPDH1	NM_001142575	83.38738834	3.139937423	4.61E-08	26.55702236
LIPA	NM_000235	55.61132799	0.599430176	5.75E-07	92.77365444
CCDC110	NM_001145411	63.1222656	1.301550514	1.10E-06	48.49774553
C9orf91	NM_153045	45.97940845	0.448180623	4.73E-06	102.5912458
PRDX3	NM_006793	213.8146761	5.34842819	3.17E-22	39.97710514
TPT1	NM_001286273	136.1415735	28.75580489	1.64E-06	4.734403158
RPP25	NM_017793	187.8352676	45.30618487	2.18E-07	4.145907853
XRCC3	NM_001100118	115.0810825	10.25542246	9.14E-09	11.22148629
C19orf40	NM_152266	87.03989941	3.930811076	1.67E-08	22.14298722
MTHFD1L	NM_001242767	86.24453119	2.041922498	4.79E-08	42.23692686
RPS5	NM_001009	132.4890624	11.17005267	6.52E-10	11.86109558
GDPD1	NM_001165994	106.2445312	0.567155899	8.47E-14	187.3286189
VPS8	NM_015303	111.7529015	0.300478198	3.47E-13	371.9168385
AURKA	NM_198437	47.03989941	1.565240452	0.000133046	30.05282629
OSR1	NM_145260	37.93822536	0.637469427	0.000100196	59.5137959
PFKL	NM_002626	45.71428571	3.485459651	0.000267429	13.11571221
CCNL1	NM_020307	172.2239396	13.92448487	4.24E-13	12.36842449
ULBP1	NM_025218	57.67310262	3.071094198	2.82E-05	18.77933365

NGLY1	NM_018297	103.6525111	0.594054308	5.26E-13	174.4832244
MAP3K1	NM_005921	97.40797988	1.291395434	7.21E-10	75.42846856
HAGH	NM_001286249	87.30502215	2.066488689	6.96E-10	42.24800389
SNX24	NM_014035	102.8571429	0.693483921	1.10E-11	148.3194342
RNF213	NM_001256071	109.3667968	0.904497893	2.91E-12	120.9143743
RPUSD3	NM_001142547	146.7747767	12.6491482	6.04E-11	11.60353048
PGM3	NM_015599	152.2239396	2.50124392	9.80E-16	60.85929421
ANKRD54	NM_138797	106.2445312	2.775372576	4.20E-11	38.28117785
FAM98A	NM_015475	91.95881691	3.589797308	8.12E-09	25.61671566
GNB2	NM_005273	84.4478793	13.0329414	2.13E-05	6.479571782
STX5	NM_001244666	101.5907364	4.430066716	1.72E-09	22.93210079
NECAB3	NM_031231	115.611328	10.41690984	9.02E-09	11.0984284
C5orf55	NM_138464	124.9781248	13.1709688	6.31E-08	9.488909028
SNRPA1	NM_003090	90.42728775	2.002152759	1.07E-10	45.16502916
PRSS8	NM_002773	95.34620525	15.20867005	8.72E-06	6.26920072
CASP8AP2	NM_001137668	129.3667968	3.301967532	4.34E-13	39.17870044
AKAP8L	NM_001291478	55.87645073	4.882613914	0.000137397	11.44396254
HADH	NM_005327	92.48906239	2.01329935	2.55E-09	45.93905144
LOC101927814	NR_110930	63.1222656	2.24049668	3.13E-06	28.17333592
PODXL	NM_001018111	105.9794085	2.93611452	1.73E-10	36.09512085
MUS81	NM_025128	61.06049096	11.72238266	0.001693857	5.208880545
CCDC102A	NM_033212	85.97940845	3.298742604	7.54E-08	26.06429746
SLC1A1	NM_004170	100.7953682	0.245095055	2.19E-13	411.2501098
GSTA4	NM_001512	72.22393965	1.352247105	3.62E-08	53.41031189
CHAC1	NM_024111	46.24453119	7.280745618	0.004745339	6.351620235
DHRS13	NM_144683	55.61132799	11.79277684	0.004818881	4.715711045
CLASP2	NM_015097	183.6525111	0.10003023	3.46E-26	1835.970093
GTPBP8	NM_138485	143.3873883	6.059741504	4.09E-13	23.66229455
SS18	NM_001007559	178.4684708	1.06544841	7.89E-20	167.5055021
REV3L	NM_001286432	96.14157347	1.257600178	2.10E-09	76.44844134
ZNF33B	NM_006955	175.0810825	1.564188438	1.57E-19	111.9309402
CASC4	NM_138423	140.7953682	0.381557164	1.39E-17	369.0020303
PCGF6	NM_001011663	118.9987163	0.874460555	8.22E-14	136.0824289
YLPM1	NM_019589	174.8159598	0.538494472	7.83E-23	324.6383555
NOXA1	NM_001256067	80.26512274	13.39130394	5.02E-05	5.993824283
HEIH	NR_045680	101.3256137	22.22860995	0.000186301	4.558342331
FAM171A2	NM_198475	114.550837	5.462938595	1.03E-10	20.96872133
MED24	NM_001267797	44.18275656	2.198937411	0.000483098	20.09277587
COQ3	NM_017421	121.060491	1.883140453	1.20E-13	64.28649057
G6PD	NM_001042351	61.06049096	6.896687543	0.000237496	8.853596829
NUDT21	NM_007006	63.91763382	0.357188331	2.39E-09	178.9465898
CUL4A	NM_003589	154.550837	1.266195465	3.33E-17	122.0592249
MTPAP	NM_018109	49.89704227	1.409454584	9.47E-05	35.40166731
ATP6AP2	NM_005765	24.18275656	0.449457323	0.004601697	53.80434435
IL15RA	NM_172200	55.87645073	0.191922206	6.14E-09	291.1411438
SLC52A3	NM_033409	74.81595977	3.857931221	2.79E-07	19.39276661
LOC150776	NR_026922	64.4478793	2.724956113	1.64E-06	23.65097882
CALB2	NM_001740	49.63191953	1.503892459	8.27E-05	33.00230628
MRV11-AS1	NR_034094	124.713002	1.921397147	4.76E-13	64.90745664
TMEM179B	NM_199337	167.5701449	23.87420939	9.09E-10	7.018877239
ANKRD18A	NM_147195	66.77477667	0.578865501	2.39E-08	115.3545627
HSPA5	NM_005347	177.9382254	7.265690617	1.86E-16	24.49020124
SMAP1	NM_021940	146.5096539	0.563325753	9.34E-17	260.0798086
FLII	NM_002018	87.83526763	4.588858469	2.37E-08	19.14098424
CASP9	NR_102733	40	1.865882636	0.000862041	21.43757556
UBQLN1	NM_053067	52.48906239	2.378593997	7.49E-05	22.0672643
MRPL27	NM_016504	150.6924105	3.991599122	5.09E-16	37.75239093
LAMTOR5	NM_006402	56.93694168	7.687152131	0.000833253	7.406766604
TBC1D20	NR_111901	109.3667968	3.03946604	2.06E-10	35.98224009
SUPT16H	NM_007192	61.85585918	4.245137577	3.33E-05	14.57099047
B3GNT3	NM_014256	169.3667968	3.011865705	1.82E-18	56.23318347
MREG	NM_018000	38.2033481	1.878249951	0.00220614	20.33986375
FZD2	NM_001466	28.83655131	1.418447196	0.002582849	20.32966147
TMEM39A	NM_018266	67.83526763	1.682667419	5.32E-07	40.31412677

SUFU	NM_016169	98.2033481	2.442982533	2.71E-09	40.19813763
SERPINE2	NM_006216	106.2445312	1.118048003	3.24E-11	95.02680644
ENOX2	NM_182314	69.10167405	0.194263786	3.61E-08	355.7105291
SMARCD1	NM_003076	57.93822536	1.582664154	3.13E-06	36.60803539
CLCN6	NM_001286	41.3256137	0.293013261	1.73E-05	141.0366669
ZC3HAV1L	NM_080660	152.2239396	8.484721353	9.70E-13	17.94094742
MAFF	NM_012323	84.18275656	5.323002804	8.48E-07	15.81489991
HMGCS1	NM_001098272	109.3667968	1.525534541	1.99E-12	71.69080336
LOC101927755	NR_110815	50.69241049	0.240121149	1.66E-07	211.1118104
TMEM30A	NM_001143958	100.2651227	1.362666024	3.65E-11	73.58011497
AK4	NM_203464	82.12098192	0.869407197	1.10E-09	94.45629413
GOLGA1	NM_002077	109.8970423	1.273913655	1.96E-11	86.26726138
MDFIC	NM_001166345	49.63191953	0.22654607	3.18E-06	219.0809111
SLC35G2	NM_025246	71.42857143	1.629372793	2.59E-07	43.83807791
MPHOSPH9	NM_022782	164.1827566	0.469625637	1.70E-21	349.6034788
SPINT1	NM_181642	129.3667968	5.13114999	4.50E-12	25.21204741
PRPS1	NM_002764	66.50965393	1.88190708	7.03E-07	35.34162479
LLPH-AS1	NR_125724	170.6924105	11.34398322	5.75E-14	15.04695548
ACAT2	NM_005891	89.36679679	3.983155202	2.68E-08	22.43618244
LAMC1	NM_002293	86.24453119	1.173764023	1.40E-09	73.47689099
EIF3A	NM_003750	156.1415735	5.63419296	1.51E-14	27.71321014
TRMT2B	NM_001167972	35.08108251	1.705032869	0.003589065	20.57501832
PNMA1	NM_006029	108.1003904	15.35840081	2.55E-06	7.038518641
BCDIN3D	NM_181708	146.5096539	8.585112489	9.30E-13	17.06554854
SLC25A6	NM_001636	70.16216501	13.18014646	0.000500077	5.323322108
LINC00941	NR_040245	135.3462052	11.60837077	2.87E-10	11.65936271
MAP2K4	NM_003010	127.8352676	1.28075304	5.10E-13	99.81258183
JUN	NM_002228	110.4272878	12.148153	1.38E-07	9.090047497
FAM227A	NM_001291030	41.59073644	1.100656454	6.03E-05	37.78720989
VPS53	NM_018289	92.75418513	0.130488583	3.81E-12	710.8222249
E4F1	NM_001288776	84.4478793	5.35483828	3.13E-07	15.77038836
TTYH3	NM_025250	46.24453119	3.034315509	0.00027386	15.24051506
LINC01273	NR_109943	123.1222656	5.785345234	8.21E-12	21.28174908
MCM3	NM_001270472	33.81467609	3.643729441	0.003635942	9.280237909
CD2AP	NM_012120	117.6731026	0.710257045	2.06E-13	165.6767835
EPPK1	NM_031308	34.81595977	3.137159652	0.002815774	11.09792412
WDR59	NM_030581	92.48906239	1.689043406	6.82E-09	54.75825076
WHAMM	NM_001080435	115.3462052	0.08693757	8.78E-19	1326.770525
UQCC1	NM_199487	81.06049096	1.713829179	1.08E-07	47.2978824
RFXAP	NM_000538	78.46847084	1.561616276	1.99E-09	50.2482409
RBFA	NM_024805	117.9382254	1.93497493	6.34E-13	60.95077695
LZTS3	NM_001282533	83.38738834	2.190436407	9.13E-09	38.06884696
GTF3C1	NM_001286242	108.8365513	1.346207141	4.86E-11	80.84680877
CUL7	NM_014780	155.0810825	4.761770527	6.16E-15	32.56794539
CRK	NM_005206	182.8571429	3.131266531	1.21E-18	58.39718243
FLJ21408	NR_037184	38.99871632	2.379925791	0.000790941	16.3865262
ZNF678	NR_102302	80.53024548	0.276827488	3.48E-10	290.9040792
LYRM2	NR_028495	97.40797988	1.881441621	5.26E-12	51.77305467
TDG	NM_003211	155.3462052	4.620547256	2.43E-15	33.62073725
SLC16A1-AS1	NR_103744	109.8970423	1.224114922	3.57E-14	89.77673608
PDK3	NM_005391	140.5302455	0.108386787	1.49E-22	1296.562514
TBX3	NM_016569	151.6936942	1.716545635	1.71E-18	88.37148927
ERO1L	NM_014584	151.9588169	1.046540814	2.33E-17	145.2010423
CDC42BPG	NM_017525	69.36679679	4.578942348	6.44E-06	15.14908717
PLA2G10	NM_003561	34.55083703	3.016188448	0.003485432	11.45513207
ERLIN2	NM_001003790	92.22393965	2.661959929	8.26E-10	34.64512693
ATG14	NM_014924	87.83526763	1.316637144	2.32E-09	66.71182566
RBM45	NM_152945	166.5096539	1.850259949	1.08E-19	89.99257323
FAM53C	NM_016605	126.7747767	9.055737348	2.10E-10	13.99938755
CUTC	NM_015960	161.8558592	4.326049443	2.13E-16	37.41424164
COLGALT1	NM_024656	52.48906239	1.378293724	3.02E-05	38.08263905
TMEM65	NM_194291	143.1222656	0.381252072	7.77E-20	375.4006239
DPCD	NM_015448	54.87516705	1.330247848	9.29E-06	41.25183675
FAM46B	NM_052943	81.85585918	2.073799504	2.88E-09	39.47144312

CFAP99	NM_001193282	18.73359358	0.015684115	0.002143505	1194.431014
FBXO31	NM_001282683	155.611328	3.678088837	2.55E-14	42.30765892
CNP	NM_033133	173.0193079	13.63498372	6.13E-13	12.68936666
DHODH	NM_001361	104.4478793	3.305157854	1.47E-10	31.60147984
TMEM194B	NM_001142645	137.4079799	1.897750551	1.20E-15	72.40571201
PSME2	NM_002818	157.4079799	8.836144422	3.40E-13	17.81410221
MEAF6	NR_073091	92.48906239	0.87030917	4.34E-11	106.2715017
RAB3A	NM_002866	111.9588169	7.254951842	1.15E-09	15.43205515
METTL6	NM_152396	69.36679679	1.252184147	7.92E-08	55.39664191
USP11	NM_004651	77.93822536	1.281816241	3.41E-09	60.80296289
POM121	NM_001257190	99.26383906	4.813250083	1.28E-08	20.62303794
CHTF18	NM_022092	69.36679679	4.992560405	1.38E-05	13.89403255
FAM24B	NM_001204364	59.5289618	1.381867941	3.41E-06	43.07861846
PEG10	NM_001040152	24.18275656	0.350324992	0.002507659	69.02949289
B9D1	NM_015681	78.46847084	5.939082604	5.34E-06	13.21222082
FLJ22447	NR_039985	26.77477667	0.627215624	0.004266239	42.68831268
CCDC38	NM_182496	69.10167405	0.46776377	1.60E-08	147.7277175
CDC42SE1	NM_020239	132.4890624	7.197424021	8.82E-12	18.40784453
MRPL15	NM_014175	113.2844306	4.909159223	1.76E-10	23.07613696
C8orf76	NM_032847	167.5701449	3.828512792	1.54E-17	43.76899177
CHURC1	NM_145165	50.16216501	2.911384348	4.91E-05	17.22966088
FAM175B	NM_032182	86.83398396	1.032737328	1.52E-09	84.08138413
HARS2	NM_001278731	115.0810825	6.071352737	3.76E-10	18.95476799
VAMP4	NR_033704	102.6512274	1.434590633	4.36E-11	71.5543689
LINC00886	NR_038387	58.73359358	1.156979218	7.17E-06	50.7646055
GPD2	NM_000408	106.2445312	1.201750294	1.96E-10	88.40815907
SETDB1	NM_012432	35.08108251	3.064341538	0.004075762	11.44816336
IRF6	NM_006147	138.2033481	2.653282389	1.84E-14	52.08768907
CAP2	NM_006366	54.55083703	0.486999248	2.89E-06	112.0142119
RNPS1	NM_001286627	121.8558592	8.752966816	7.23E-10	13.92166356
APIG1	NM_001030007	80.53024548	1.773467814	8.41E-08	45.40834903
GPR162	NM_019858	62.85714286	14.56292943	0.002723747	4.316243044
NEO1	NM_002499	52.22393965	0.369092497	6.82E-06	141.4928237
C1orf204	NM_001134233	46.50965393	5.609514811	0.00139434	8.291207974
INCA1	NM_001167987	112.4890624	4.585371457	9.77E-11	24.53215916
PMF1	NM_001199654	81.59073644	1.651446559	5.92E-09	49.40561716
URGCP-MRPS24	NM_001204871	37.14285714	3.37537936	0.0022094	11.00405412
LOC100507419	NR_123723	89.10167405	1.570644213	1.07E-10	56.72938104
VPS9D1	NM_004913	213.8146761	29.24009686	1.36E-12	7.312379201
SMAD2	NM_005901	100.7953682	0.971154969	1.64E-11	103.7891701
CSNK1D	NR_110578	137.4079799	10.99807136	1.23E-10	12.49382509
LOC101927795	NR_110275	101.8558592	4.294348748	2.44E-09	23.71858113
SNRPG	NM_003096	113.2844306	4.427881452	9.71E-11	25.58434137
PPP3CA	NM_001130692	78.2033481	1.806823314	3.58E-07	43.28223325
CPE	NM_001873	80.53024548	0.767104453	3.47E-09	104.9795047
LAMTOR1	NM_017907	126.7747767	9.921571549	9.09E-10	12.77769112
LSM8	NM_016200	66.77477667	4.678404766	1.27E-05	14.27297979
UBE2D1	NM_003338	144.4478793	0.947478623	8.53E-18	152.4550272
ZNF561-AS1	NR_122038	152.2239396	0.594403901	2.10E-21	256.0951222
FAM149B1	NM_173348	117.9382254	1.480341125	4.28E-12	79.66962706
CSTF1	NM_001033522	86.24453119	1.349446429	1.09E-10	63.91104479
MYPOP	NM_001012643	140.2651227	2.389175437	3.11E-16	58.70859065
ZNF561	NM_152289	118.9987163	2.758026444	6.40E-13	43.14632899
MED23	NM_004830	98.2033481	2.004085546	4.66E-10	49.00157495
ANKLE1	NM_001278444	83.1222656	7.278636577	1.31E-06	11.42003241
PIM3	NM_001001852	83.38738834	14.66651439	7.27E-05	5.685562782
PTPN11	NM_080601	169.1016741	1.855267831	7.84E-18	91.14677204
KIAA1462	NM_020848	111.6936942	0.93586538	1.21E-12	119.3480351
C21orf119	NR_026845	203.6525111	42.33890442	1.42E-06	4.810056232
FBXW2	NM_012164	161.060491	2.847651389	4.86E-16	56.55906181
LRPAP1	NM_002337	138.2033481	1.123324698	9.77E-17	123.0306325
PPARGC1B	NM_001172698	110.162165	1.187842259	3.47E-11	92.74140921
GSR	NM_000637	115.8764507	2.69349691	6.74E-12	43.02082185
ORMDL1	NM_001128150	212.7541851	7.008349804	2.82E-20	30.35724401

EEF1G	NM_001404	92.75418513	7.800689894	1.82E-07	11.89051051
SERPINB5	NM_002639	86.77477667	1.64039507	2.90E-09	52.89870608
IWS1	NM_017969	104.4478793	1.648763199	3.61E-11	63.34923012
VPS35	NM_018206	89.63191953	1.322975547	8.06E-10	67.75024657
SLC9B2	NM_178833	66.24453119	0.590353028	2.77E-08	112.2117243
TXNDC11	NM_015914	160.5302455	1.023964135	4.03E-18	156.7733088
ROPN1B	NM_001012337	97.46718716	1.772199347	1.30E-11	54.9978688
SIRT1	NM_012238	126.5096539	2.518184071	2.07E-13	50.23844578
SEC22B	NM_004892	113.2844306	0.075487164	8.78E-19	1500.711171
TMEM201	NM_001010866	42.85714286	1.811504744	0.000239068	23.65831114
SPATA5L1	NM_024063	103.9176338	1.703599329	5.46E-12	60.99886989
STYX	NM_001130701	105.2432475	1.062923769	9.06E-12	99.01297775
BTBD7	NM_001002860	109.3667968	1.6817584	8.08E-11	65.03121778
PELP1	NM_014389	129.3667968	1.799734612	2.61E-14	71.88104062
NIFK	NM_032390	120.7953682	5.15687323	1.60E-11	23.42414925
ARHGAP19	NM_032900	100.7953682	0.609406056	1.97E-12	165.3993543
FRYL	NM_015030	110.4272878	0.196284223	1.46E-13	562.5887109
GAS5	NR_002578	187.3050222	28.45547832	2.30E-10	6.582388813
ENTPD3-AS1	NR_040100	48.83655131	0.110580246	3.55E-07	441.6390188
FAM86JP	NR_024250	97.67310262	0.847767455	4.42E-13	115.2121399
NAPA-AS1	NR_038452	88.83655131	2.268588709	8.06E-10	39.15939057
LOC101927204	NR_110184	81.85585918	1.381910785	1.07E-09	59.23382323
HAUS8	NM_001011699	83.91763382	4.304003581	2.46E-07	19.49757528
STEAP1	NM_012449	85.50837026	2.13972992	3.27E-09	39.96222583
PARD6B	NM_032521	105.773493	3.60553894	4.12E-10	29.33638902
ERCC8	NM_001290285	41.06049096	0.105715505	1.03E-05	388.4055692
DNPEP	NM_012100	131.4285714	4.56885669	1.76E-12	28.76618383
ZFHX2	NM_033400	50.16216501	3.426166972	7.14E-05	14.64089912
WFDC3	NM_080614	38.73359358	2.225485929	0.000656274	17.4045556
SRSF6	NR_034009	215.0810825	10.01374717	4.66E-19	21.47858129
ADPRH	NM_001291949	47.30502215	1.493210986	1.87E-05	31.68006572
TXN	NM_003329	120.5302455	7.602863233	7.09E-10	15.85327025
SLC7A1	NM_003045	71.42857143	2.305046102	8.69E-07	30.98791446
DIMT1	NM_014473	158.2033481	3.174875372	2.55E-17	49.82978214
RWDD2B	NM_016940	103.9176338	1.549781467	9.90E-13	67.05308847
VSIG10	NM_019086	129.8970423	1.734694491	5.02E-14	74.88179791
ZBTB8B	NM_001145720	29.10167405	0.634688678	0.000944092	45.85188782
SRSF8	NM_032102	105.9794085	23.88523182	8.35E-05	4.43702658
TRNAU1AP	NR_003109	127.0398994	6.846534493	1.04E-10	18.55535812
EIF2S1	NM_004094	120	3.3067486	1.16E-11	36.28942339
MFI2	NM_005929	81.06049096	7.304029884	4.45E-06	11.09805029
RAB8B	NM_016530	83.91763382	0.569102604	3.69E-10	147.4560707
MPHOSPH6	NM_005792	184.4478793	2.35835746	6.16E-21	78.21031479
IPO9-AS1	NR_046696	75.08108251	1.577190522	4.71E-07	47.60432011
HDCC3	NR_104447	158.4684708	35.95668416	2.98E-06	4.407204795
MAN2A1	NM_002372	135.3462052	1.092537512	9.65E-15	123.8824331
RAB5C	NM_201434	30.42728775	0.68272951	0.000533537	44.56711963
LOC102723582	NR_125405	137.9382254	3.187602739	1.13E-13	43.27334259
PSPH	NM_004577	112.7541851	4.776451953	5.09E-10	23.60626386
PFDN2	NM_012394	113.5495533	2.755230911	8.08E-12	41.21235461
JMJD7-PLA2G4B	NM_001198588	141.8558592	0.50403815	1.21E-20	281.4387346
THEM4	NM_053055	203.1222656	3.277570442	1.26E-20	61.97342489
CLIP1	NM_001247997	72.22393965	1.329274994	8.76E-07	54.33333206
RBCK1	NM_031229	123.1222656	6.656607819	1.59E-10	18.49624748
ANP32A	NM_006305	95.08108251	3.877305238	2.50E-08	24.52246513
SERP1	NM_014445	83.91763382	7.132203262	6.94E-07	11.76601826
LRRC28	NM_001284400	125.7142857	0.215466526	9.98E-17	583.4515844
TACC3	NM_006342	54.81595977	3.850902972	0.000182852	14.23457308
ZBTB9	NM_152735	131.6936942	13.52800105	8.47E-09	9.734896806
PSMC6	NM_002806	86.77477667	2.721099935	4.58E-09	31.88959566
ARFGAP2	NM_001242832	72.48906239	4.98318462	2.01E-06	14.54673425
LINC01461	NR_125761	66.77477667	1.805048712	6.76E-07	36.99333776
PDE6D	NM_001291018	144.4478793	0.98983988	5.95E-17	145.9305512
GOLGB1	NM_004487	149.8970423	0.93137528	2.94E-16	160.9416155

ILF2	NM_001267809	115.611328	6.096904576	6.75E-10	18.96229907
TRIM14	NM_033219	76.40669621	2.660022176	1.06E-07	28.72408241
MTHFS	NM_006441	187.3050222	1.209838994	7.36E-22	154.8181395
VAMP8	NM_003761	97.93822536	2.880039663	4.10E-10	34.00585992
SNAI2	NM_003068	35.61132799	0.199709772	5.67E-05	178.3154008
ITGB1	NM_002211	71.95881691	1.398303735	3.93E-07	51.46150661
IMPAD1	NM_017813	71.42857143	0.478786788	9.99E-10	149.1865966
MICU1	NM_001195518	49.63191953	0.586879047	1.81E-05	84.56924783
RSBN1	NM_018364	63.65251108	0.258458246	9.13E-09	246.2777338
ZC3H7B	NM_017590	78.73359358	1.316162894	3.91E-08	59.82055406
WDR33	NM_001006623	86.77477667	1.605186603	1.70E-08	54.05899632
PDXP	NM_020315	100.5302455	5.135205938	2.35E-09	19.57667262
FBXO36	NM_174899	75.87645073	1.057646127	8.04E-09	71.74086759
PTCD3	NM_017952	136.6718189	3.523326248	3.84E-13	38.79056588
OFD1	NM_003611	88.57142857	0.142317414	2.43E-14	622.3513071
UBALD1	NM_145253	61.06049096	4.329911016	4.92E-05	14.10201982
DDX47	NM_016355	33.28443061	1.466206684	0.00205111	22.70104957
CYB5RL	NM_001031672	92.75418513	0.436274955	4.98E-12	212.6048817
VAPB	NR_036633	40.79536822	1.973509513	0.00112494	20.67148294
HID1	NM_030630	91.75290145	0.591896044	6.83E-12	155.0152301
COX4I1	NM_001861	123.4465956	13.02189814	7.57E-09	9.479923306
RIOK3	NM_003831	52.48906239	3.48221248	7.18E-05	15.07348064
LMBRD1	NM_018368	29.36679679	0.021603518	0.000178833	1359.352559
YTHDC2	NM_022828	109.8970423	0.399800835	5.01E-14	274.8794719
PSEN1	NM_007318	129.3667968	0.861191314	2.99E-15	150.2184179
HERPUD2	NM_022373	110.162165	0.636521096	4.45E-14	173.0691501
TMED8	NM_213601	118.2033481	1.699949485	7.09E-13	69.53344741
ZHX2	NM_014943	56.14157347	0.49739479	1.58E-06	112.8712536
ALG12	NM_024105	102.1209819	3.989525465	4.41E-10	25.59727537
BCKDHA	NM_000709	81.06049096	1.658582219	1.41E-08	48.87336306
PFKFB2	NM_006212	155.611328	2.268903187	1.28E-16	68.58438424
RELL2	NM_173828	118.4684708	12.56371967	1.98E-08	9.429410552
SYMPK	NM_004819	44.18275656	3.925613124	0.000652458	11.25499512
UROD	NM_000374	53.54955335	10.6693858	0.003261258	5.018991193
RPLP0	NM_053275	186.5096539	29.5423211	6.84E-10	6.313303998
KIF2A	NM_001243952	98.46847084	0.879518798	1.91E-11	111.9572101
SLC16A5	NM_004695	221.5907364	7.206154716	7.45E-21	30.75020523
ZNF394	NM_032164	90.95753323	0.467805718	3.96E-13	194.4344196
KIF11	NM_004523	81.06049096	1.235339893	3.91E-08	65.61796591
DENR	NM_003677	169.8970423	3.302319543	3.03E-18	51.44778998
PPP4R1L	NR_003505	117.6731026	0.778677853	3.49E-14	151.1191081
TRIP10	NM_001288963	74.55083703	12.85633524	0.000163277	5.798762685
WDR92	NR_046234	62.85714286	0.847109897	3.78E-07	74.20187518
POMZP3	NM_152992	173.5495533	5.834178346	8.75E-17	29.74704287
OCRL	NM_000276	49.10167405	0.856877646	8.03E-06	57.30301671
SAR1B	NM_016103	101.060491	0.366916632	2.31E-13	275.4317526
TBC1D10A	NM_001204240	100.5302455	3.36351982	3.95E-09	29.88840586
KIAA0355	NM_014686	43.91763382	0.508438762	4.36E-05	86.37743043
ZNF318	NM_014345	54.81595977	0.836126713	8.10E-07	65.55939295
ITGB3BP	NR_045147	172.2239396	0.076575074	2.28E-28	2249.086176
SYCE2	NM_001105578	32.48906239	1.440891038	0.004835826	22.54789677
PES1	NM_001243225	57.93822536	3.246365482	5.56E-05	17.84710492
FAM161B	NM_152445	95.61132799	4.579748334	8.08E-09	20.87698297
HDDC2	NM_016063	57.93822536	1.845069584	9.01E-06	31.40164786
OPRL1	NM_000913	23.65251108	0.100537769	0.001117675	235.2599562
FKBP1A-SDCBP2	NR_037661	138.2033481	4.709074634	3.03E-12	29.34830277
LINC00240	NR_026775	51.69369417	0.484437389	2.34E-06	106.7087211
SMO	NM_005631	43.65251108	0.574542551	9.68E-06	75.97785573
BMP8B	NM_001720	120.5302455	2.760477719	9.95E-13	43.66282135
NET1	NR_073040	78.73359358	2.942083086	7.21E-08	26.76117271
TMED5	NM_016040	52.48906239	2.599024432	6.10E-05	20.19567871
RBM20	NM_001134363	89.36679679	0.352946138	2.00E-10	253.2023648
ARL6IP6	NM_152522	49.89704227	3.403862717	0.000163665	14.65894674
LINC01351	NR_110717	40.53024548	4.872943132	0.003793138	8.317405802

KIAA1429	NM_183009	38.73359358	1.167505287	0.000763362	33.17637531
TMEM259	NM_001033026	58.46847084	3.224359505	3.84E-05	18.13335974
PPIL4	NM_139126	64.4478793	1.45387019	1.20E-06	44.32849627
USP46-AS1	NR_125363	115.0810825	22.54011963	1.68E-05	5.105610989
MIP	NM_021933	95.08108251	4.848530021	3.14E-08	19.61029056
LOC339874	NR_038976	87.03989941	3.184615444	2.61E-08	27.33136887
TTC13	NM_001122835	69.89704227	0.445077796	1.32E-08	157.0445501
ITPR1-AS1	NR_108075	109.6319195	10.20006861	9.29E-08	10.74815511
TPST2	NM_003595	132.4890624	1.545825693	7.35E-14	85.7076338
ATXN2	NM_002973	70.16216501	1.477609789	9.15E-07	47.48355454
MCAM	NM_006500	40.53024548	2.905749467	0.002098821	13.94829318
BMPR2	NM_001204	43.91763382	0.447901919	6.03E-05	98.05189911
TNKS	NM_003747	61.06049096	0.66884687	1.03E-06	91.29218316
ERCC6L2	NM_001010895	98.73359358	0.442976871	1.68E-12	222.8865662
MTBP	NM_022045	99.5289618	0.26676835	1.26E-13	373.0913417
RPP30	NM_001104546	59.5289618	1.731226275	5.66E-06	34.38543109
RALGAPB	NM_020336	95.87645073	1.407266024	1.27E-09	68.12958539
SNRPB	NM_198216	174.8159598	6.028704109	2.81E-17	28.99726983
PARVA	NM_018222	138.4684708	1.606395216	1.51E-13	86.19825899
ARMCX5-GPRASP2	NM_001199818	49.36679679	0.3104963	6.48E-06	158.9931886
IFRD2	NM_006764	46.24453119	5.526436172	0.001922204	8.367875745
RMND5B	NM_022762	173.2844306	5.869780859	9.95E-17	29.52144803
C17orf97	NM_001013672	47.03989941	3.670520888	0.000262672	12.81559235
MECR	NM_016011	123.9176338	2.627291959	7.55E-13	47.16553613
PTMA	NM_002823	166.2445312	34.98170718	8.26E-08	4.752327561
BCL2L1	NM_001191	77.93822536	4.96160203	1.97E-06	15.70827827
DPP7	NM_013379	103.3873883	5.449263672	3.14E-09	18.97272633
C9orf41	NM_152420	124.713002	1.434892312	8.63E-14	86.91453774
ZBTB39	NM_014830	89.36679679	1.282504311	5.04E-11	69.68147867
AGAP11	NM_133447	80.53024548	3.305674202	7.67E-08	24.36121667
BLOC1S5	NM_001199322	80.53024548	0.250558007	2.08E-11	321.4035996
TMEM151A	NM_153266	58.2033481	1.633616912	1.66E-06	35.62851711
PMPCA	NM_015160	144.713002	5.327536275	4.31E-14	27.16321289
UNC13A	NM_001080421	44.18275656	2.235931721	0.000657365	19.76033353
TNS3	NM_022748	58.2033481	0.22402438	1.18E-06	259.8080983
SMG8	NM_018149	150.6924105	9.161654524	3.16E-13	16.44816557
SLC25A28	NM_031212	41.06049096	2.705227763	0.000469199	15.17820108
STKLD1	NR_103997	74.28571429	4.346760977	2.12E-06	17.08990089
GSTM4	NM_000850	38.99871632	2.870789651	0.00131376	13.58466522
NDUFB9	NM_005005	229.8970423	4.619077715	9.25E-25	49.77120033
NSD1	NM_022455	66.24453119	1.270260147	2.96E-07	52.15036568
DEXI	NM_014015	98.2033481	1.745263222	9.44E-12	56.26850257
CDX2	NM_001265	167.0398994	7.309397198	1.77E-15	22.85275993
ZNHIT6	NM_017953	91.95881691	0.891588002	4.46E-11	103.1404827
NIN	NM_182946	65.97940845	0.998403878	1.81E-07	66.08488802
GGH	NM_003878	89.89704227	2.018741194	1.41E-09	44.53123685
RBMS2	NM_002898	28.57142857	1.153643064	0.002325575	24.76626389
DNAJB12	NM_017626	91.95881691	4.987423687	3.01E-08	18.43814015
LGALS8	NM_006499	43.91763382	5.414588749	0.002798059	8.110982357
LNX2	NM_153371	121.3256137	0.578966882	4.20E-15	209.5553606
HLTF	NM_003071	110.4272878	0.807196489	1.44E-12	136.8034788
INTS10	NM_018142	212.7541851	2.238754086	4.87E-23	95.03240505
EVA1C	NM_001286556	85.97940845	2.517864984	3.48E-08	34.14774382
GTF3C3	NM_012086	119.2638391	1.588520496	2.92E-13	75.07856485
GFPT1	NM_002056	112.2239396	0.471940429	1.75E-14	237.7925958
OLFML2A	NM_182487	49.63191953	0.758330263	4.55E-06	65.44895012
ALDH16A1	NM_153329	186.7747767	3.436549601	1.82E-20	54.34950702
SLC26A11	NM_001166348	46.50965393	1.200847248	0.000147554	38.73069953
UTP20	NM_014503	35.87645073	0.145522539	6.81E-05	246.5353543
PSPC1	NR_003272	102.1209819	1.304329113	2.79E-10	78.29387609
KLHL24	NM_017644	78.46847084	1.650871449	8.78E-08	47.53154516
ENGASE	NM_001042573	104.4478793	1.389302078	2.43E-13	75.18010728
WDR82	NM_025222	97.40797988	3.299639674	3.95E-09	29.52079302
GLI4	NM_138465	147.5701449	26.93952687	8.39E-08	5.477829867

LOC100419583	NR_125376	62.6512274	12.0136153	0.001707403	5.215018613
MST1R	NM_002447	191.6936942	10.13581691	5.54E-16	18.91250561
GTF2H1	NM_001142307	58.46847084	0.158896271	1.43E-08	367.9662874
NFYB	NM_006166	49.10167405	1.371068969	4.95E-05	35.81269445
RNF20	NM_019592	95.87645073	0.553070453	2.18E-12	173.3530514
UQCR10	NM_013387	89.63191953	5.429046748	7.46E-08	16.5096975
CCDC138	NM_144978	97.93822536	0.900387962	2.52E-11	108.7733616
GOLPH3L	NM_018178	23.91763382	0.139463455	0.003313529	171.4974991
MEF2BNB	NM_001145784	78.99871632	7.576481078	2.85E-06	10.42683477
PKIA	NM_181839	38.46847084	0.584209678	0.000207328	65.84702769
UBR3	NM_172070	96.40669621	0.31962805	2.66E-11	301.6215132
SAMD3	NM_001258275	27.03989941	0.465777542	0.00490775	58.05324861
PCCB	NM_000532	107.5701449	0.783411578	5.00E-13	137.3098738
TMEM209	NM_032842	98.99871632	0.790545861	1.32E-11	125.2283027
USP12-AS2	NR_046548	69.10167405	0.813068466	6.65E-09	84.98875175
ESCO1	NM_052911	113.0193079	0.464314317	8.05E-15	243.411206
RIN1	NM_004292	116.1415735	7.418459936	1.01E-09	15.6557526
TRIM52	NM_032765	109.1016741	10.60474166	4.23E-08	10.28800866
LOC100289361	NR_034032	97.67310262	5.987358974	0.000162833	16.31321974
THEM6	NM_016647	181.5907364	17.31681121	5.36E-13	10.48638425
ERMARD	NM_001278533	91.75290145	1.320130526	3.47E-10	69.50290114
GABARAPL2	NM_007285	72.22393965	3.75939851	1.08E-06	19.21156787
SEMA4C	NM_017789	81.3256137	12.94830498	4.64E-05	6.280792258
PRELID1	NM_001271828	154.8159598	16.93550833	2.89E-10	9.14150061
ZNF581	NM_016535	55.08108251	11.07214279	0.004439934	4.974744593
GALT	NM_001258332	108.1003904	13.47805264	6.51E-07	8.020475455
OSGEPL1	NM_022353	77.67310262	3.524988781	4.00E-07	22.03499286
ETAA1	NM_019002	75.08108251	2.185870684	2.48E-08	34.34836427
LAMTOR4	NM_001008395	117.9382254	10.57725901	6.67E-09	11.15016899
TMEM189	NM_001162505	112.2239396	6.683608586	3.69E-09	16.79092038
PLOD3	NM_001084	82.85714286	4.023732403	5.67E-08	20.59211065
UHRF2	NR_046386	106.5096539	0.315759703	8.47E-14	337.3123709
ARHGAP44	NM_014859	106.2445312	0.114462831	2.70E-14	928.2011495
ZCCHC9	NM_001131035	151.6936942	1.050879308	2.45E-20	144.3493015
GATB	NM_004564	53.01930787	1.141877144	3.48E-06	46.43170954
3-Mar	NM_178450	146.7747767	1.020923733	3.38E-16	143.7666418
PHIP	NM_017934	92.22393965	0.197242496	6.62E-12	467.5662768
PTS	NM_000317	170.162165	6.579032083	2.34E-16	25.86431604
PAXIP1-AS1	NR_028090	132.4890624	15.15525847	1.36E-08	8.7421183
CSEIL	NM_001256135	149.8970423	2.604937638	1.84E-15	57.54342832
EMD	NM_000117	63.38738834	12.09502646	0.002207008	5.240781287
ZC3H8	NM_032494	151.9588169	1.257860578	1.14E-17	120.807361
DOCK1	NM_001290223	106.5096539	0.165860287	4.78E-12	642.1648976
LOC101929340	NR_120579	83.91763382	12.22643375	5.13E-05	6.863623156
RHOV	NM_133639	161.060491	22.45400517	8.09E-09	7.172907004
CEP104	NM_014704	81.06049096	0.831947434	8.94E-09	97.43463066
LOC101929234	NR_110304	118.4684708	13.17525595	9.26E-08	8.991739616
TMEM167B	NM_020141	49.89704227	2.926736505	0.00013848	17.04869645
SPIDR	NM_001282916	146.2445312	0.478930044	7.14E-16	305.35677
NDUFA7	NM_005001	116.4066962	4.626453756	2.43E-11	25.16110661
RBM4B	NM_001286135	103.9176338	7.673890971	4.92E-08	13.54171361
HDAC7	NM_015401	43.1222656	4.531005178	0.002832561	9.517152134
PLD1	NM_002662	95.87645073	0.328650153	1.78E-11	291.7279963
APEX2	NM_001271748	83.38738834	5.066543573	2.12E-07	16.45843702
FASTKD5	NM_021826	121.3256137	3.565410355	1.53E-12	34.02851331
MAST1	NM_014975	57.93822536	2.898973679	1.80E-05	19.98577144
CYP4F22	NM_173483	38.46847084	0.38909712	7.93E-05	98.86598719
ACLY	NM_001096	137.9382254	2.689259128	4.29E-14	51.29227746
ZNHIT1	NM_006349	72.22393965	4.816457897	3.09E-06	14.99523949
PLSCR1	NM_021105	106.2445312	2.817123136	4.63E-11	37.71383999
PNPLA6	NM_001166112	75.08108251	3.427826448	1.64E-06	21.90340837
KLHDC10	NM_014997	35.08108251	0.428294552	0.000302387	81.90877587
ADAMTSL5	NM_213604	110.162165	14.01999318	1.50E-07	7.857504894
KDM4A-AS1	NR_033827	127.3050222	7.232004807	1.20E-11	17.60300574

PAGR1	NM_024516	122.3861047	28.04934401	1.65E-05	4.363243027
SGTB	NM_019072	152.4890624	1.824678091	3.55E-16	83.57039148
PRPF38B	NM_018061	170.9575332	3.798490105	4.52E-19	45.00670754
MGEA5	NM_001142434	157.4671872	4.396630047	3.72E-15	35.81542806
EXOSC4	NM_019037	148.1003904	12.42034967	7.97E-11	11.92401135
RNPEP	NM_020216	149.3667968	5.034162941	1.43E-13	29.67063215
LINC00346	NR_027701	48.10039037	3.948494603	0.000222026	12.18195672
H2AFZ	NM_002106	140.2651227	15.9616956	5.32E-09	8.787607926
PRMT3	NM_001145166	93.01930787	0.714490708	6.59E-11	130.1896677
SETDB2	NM_031915	111.222656	0.608096326	1.53E-14	182.9030223
HNRNPA1	NM_002136	121.5907364	22.35389766	2.85E-06	5.439352828
APOL2	NM_145637	55.34620525	0.785317352	1.61E-06	70.47622865
ASRGL1	NM_001083926	69.63191953	0.389849418	5.36E-09	178.6123469
FBXW4	NM_022039	118.4684708	1.830454656	8.84E-12	64.7207897
SMURF1	NM_001199847	77.14285714	1.409048552	1.93E-07	54.7481895
F2R	NM_001992	75.08108251	0.995644236	8.64E-09	75.40954874
PRR12	NM_020719	43.38738834	6.004980237	0.002950919	7.22523416
ATG4B	NM_178326	34.07979883	3.037209227	0.004012704	11.22076099
MBNL2	NM_144778	55.61132799	1.462854922	5.18E-05	38.01561395
APELH	NM_001640	155.3462052	13.67148421	4.25E-11	11.36279009
TIGD4	NM_145720	92.48906239	0.531363883	1.69E-13	174.0597458
DENND5A	NM_001243254	43.1222656	0.949689313	6.95E-05	45.40670828
HAS2-AS1	NR_002835	83.91763382	10.46555772	9.97E-06	8.018457887
HTT	NM_002111	60.26512274	0.852829981	1.00E-06	70.66487356
PPP3CC	NM_001243975	138.4684708	0.491954918	3.74E-17	281.465772
EMC6	NM_001014764	89.63191953	10.18185805	9.64E-05	8.803100481
ZFYVE21	NM_024071	109.3667968	4.269722402	1.69E-10	25.61449821
BCAR3	NM_001261408	40.79536822	1.937506416	0.001410898	21.05560419
C1orf52	NR_024113	121.5907364	1.447201655	1.83E-15	84.01782574
TCHP	NM_032300	70.42728775	0.802723926	9.10E-09	87.73537879
C16orf71	NM_139170	63.91763382	4.83869427	2.02E-05	13.20968638
TMEM115	NM_007024	86.24453119	3.699373655	8.08E-09	23.31327928
EIF4A1	NM_001204510	103.6525111	19.54309556	1.09E-05	5.303791857
STK3	NM_001256313	155.3462052	0.218598209	2.51E-18	710.6472009
RPUSD2	NM_152260	95.34620525	7.346556475	4.81E-08	12.97835327
ZNF706	NM_016096	147.0398994	4.277832268	1.75E-15	34.37252566
RNF168	NM_152617	126.5096539	1.140376076	1.15E-14	110.9367836
ZMAT3	NM_152240	120.7953682	0.412497967	1.62E-16	292.8386993
CCZ1	NM_015622	138.4684708	1.986882598	1.43E-15	69.69131996
GSG2	NM_031965	61.59073644	2.867719681	6.64E-06	21.47725136
SH3D21	NM_001162530	75.08108251	7.857648073	1.03E-05	9.555159738
POLR2L	NM_021128	137.6731026	26.55430736	1.19E-06	5.184586469
PGRMC1	NM_001282621	66.24453119	3.774435586	2.79E-06	17.55084427
SCYL3	NM_020423	96.40669621	2.33324292	6.11E-10	41.31875657
NSDHL	NM_015922	43.65251108	0.464971451	1.42E-05	93.88213186
RPS2	NM_002952	227.5701449	38.4226038	2.86E-11	5.922819445
POMT2	NM_013382	143.6525111	1.085818115	1.74E-16	132.2988713
RAP1A	NM_001291896	29.63191953	0.225882035	0.001323281	131.1831618
ZNF691	NM_015911	69.89704227	2.753201842	2.44E-07	25.3875474
ERGIC2	NM_016570	41.3256137	0.597924237	4.91E-05	69.11513392
EMP1	NM_001423	46.24453119	2.434563379	0.000176498	18.99499992
MMAB	NM_052845	86.77477667	2.822689864	4.40E-09	30.74187418
RSAD1	NM_018346	188.6306359	11.71592543	1.34E-15	16.1003616
SERPINH1	NM_001235	109.6319195	14.12409021	4.41E-07	7.762051776
NUP153	NM_001278210	114.550837	1.849133205	2.13E-11	61.94839654
SSR2	NM_003145	65.71428571	4.828688335	7.45E-06	13.60913796
RRP1	NM_003683	95.61132799	3.784164843	3.56E-09	25.26616359
ZNF638	NM_001252613	107.0398994	1.661681978	1.82E-10	64.41659767
SLC25A13	NR_027662	106.7747767	1.426674772	3.32E-10	74.84170797
RDH10	NM_172037	130.6924105	1.886044384	9.90E-15	69.29445117
RGS16	NM_002928	166.7747767	6.435454237	1.18E-15	25.91499691
TTLL1	NM_012263	87.83526763	1.36973966	3.14E-09	64.12551977
ZNF22	NM_006963	51.95881691	8.666350971	0.002245212	5.995466498
WBP2	NM_012478	41.3256137	5.181641877	0.00341678	7.975389786

KLC1	NM_005552	144.4478793	2.653057722	5.90E-15	54.44581099
ZNF214	NM_013249	41.85585918	1.230990474	0.000213744	34.00177342
EIF1AD	NM_001242484	198.4684708	5.717616372	2.18E-20	34.71175013
AGPAT4	NM_020133	63.65251108	0.727384538	3.82E-07	87.50874918
CORO1A	NM_007074	51.95881691	8.630249946	0.002731446	6.020546014
ANXA9	NM_003568	27.57014489	0.742645027	0.004960312	37.12425708
ZSWIM4	NM_023072	52.22393965	4.001143266	0.000437326	13.05225436
TMEM245	NM_032012	131.6936942	1.50313824	2.48E-13	87.61249678
UBXN8	NM_001282189	43.38738834	1.20677255	0.000222328	35.95324431
PEX11G	NM_001270539	141.5907364	5.846217445	9.55E-14	24.2192046
DGCR14	NM_022719	78.73359358	1.788065152	3.10E-09	44.03284383
INCENP	NM_020238	40.79536822	0.621402569	3.49E-05	65.65046598
NIPA1	NM_144599	63.38738834	1.911512586	3.56E-06	33.16085324
ACAD10	NM_001136538	133.5495533	0.984214056	1.00E-14	135.6915729
KCTD6	NM_001128214	46.50965393	0.827847309	1.55E-05	56.18144004
CLN6	NM_017882	132.7541851	2.990952868	2.28E-13	44.38524811
ARRDC4	NM_183376	72.75418513	4.355911497	1.73E-06	16.70240205
TLDC1	NM_020947	90.95753323	3.845822972	2.93E-08	23.65099327
NSL1	NM_001297737	158.2033481	0.919570157	6.14E-18	172.0405419
MFS11	NM_001242534	89.89704227	5.732303513	1.36E-07	15.68253357
ZNF644	NM_032186	118.7335936	1.559200552	4.96E-12	76.15030245
TTI1	NM_014657	69.36679679	0.939700505	2.85E-08	73.81798393
KANSL2	NM_017822	189.6319195	2.085270725	7.99E-21	90.93875304
SLC35B1	NM_005827	132.4890624	0.753771723	4.49E-18	175.7681514
CNOT3	NM_014516	41.59073644	4.286835735	0.002224885	9.701966441
PPIEL	NR_003929	89.10167405	1.322179415	1.49E-09	67.3900025
P2RY1	NM_002563	107.0398994	3.683842723	6.24E-11	29.05658777
TRNP1	NM_001013642	197.1428571	27.95293357	2.60E-11	7.052671471
PPFIA1	NM_003626	105.9794085	1.825885845	2.34E-10	58.04273511
GRPEL2	NM_152407	115.8764507	6.37467045	3.51E-10	18.17763783
ZNF579	NM_152600	51.95881691	5.827219487	0.001052342	8.916571106
STK39	NM_013233	54.28571429	2.375898027	6.20E-05	22.84850346
TMEM167A	NM_174909	102.3861047	2.01002564	2.39E-11	50.93771077
CSNK1G1	NM_022048	33.01930787	0.745901626	0.000623721	44.26764433
CHD4	NM_001273	121.060491	4.61621037	5.38E-11	26.22508102
SYAP1	NM_032796	126.5096539	0.736403358	3.93E-15	171.7939667
PPP1R14C	NM_030949	89.10167405	0.391233961	5.82E-11	227.7452442
TRMT44	NM_152544	73.54955335	0.490427636	3.78E-10	149.9702462
DYNLL2	NM_080677	114.550837	6.881464401	3.49E-10	16.64628782
TNRC6A	NM_014494	63.38738834	1.708883364	5.95E-06	37.09286993
MTMR9	NM_015458	186.2445312	0.93865996	6.97E-23	198.4153359
ZNF721	NM_133474	101.3256137	2.367369696	5.60E-10	42.80092538
SLC27A2	NM_003645	115.8764507	2.126954325	4.84E-12	54.47999018
FAM151B	NM_205548	47.30502215	0.196091394	9.12E-07	241.2396648
TOB1	NM_005749	210.162165	14.10940956	1.26E-16	14.89517787
NXT2	NM_001242617	95.34620525	0.441404139	1.29E-13	216.0065954
ZMYM6	NM_007167	64.71300204	1.614840065	1.53E-06	40.07393885
FAM228B	NR_111929	52.22393965	3.609568302	0.000105739	14.46819544
HAUS4	NM_001166270	217.9382254	1.710559414	3.02E-28	127.4075741
TRAPPC8	NM_014939	75.87645073	0.02720567	4.99E-13	2788.994036
FKBP14	NM_017946	35.61132799	2.18071588	0.002619399	16.33010898
RNF219	NM_024546	51.69369417	1.257036215	4.63E-05	41.12347245
SUGT1	NM_006704	78.46847084	1.751095268	5.88E-08	44.81108041
WDR53	NM_182627	81.3256137	4.594314399	2.37E-07	17.70136013
EXOC5	NM_006544	146.5096539	0.274483053	5.91E-21	533.7657539
C2CD2	NM_015500	57.67310262	0.535753931	5.37E-07	107.6484917
UHRF1BP1L	NM_015054	141.3256137	0.108097172	2.17E-21	1307.394181
EXOC4	NM_021807	77.67310262	0.077619173	4.18E-09	1000.694802
LRRC23	NM_201650	30.16216501	2.892883589	0.004645456	10.4263321
PTGFRN	NM_020440	80.79536822	1.685134831	8.04E-08	47.94593687
SMPDL3B	NM_001009568	62.12098192	0.622473072	1.34E-07	99.79705903
RNF31	NM_017999	107.0398994	2.322137053	1.92E-11	46.09542717
ZNF776	NM_173632	49.36679679	2.06605588	3.64E-05	23.89422148
HTR7P1	NR_002774	166.2445312	5.805391611	1.02E-16	28.6362303

ATP2C2	NM_001286527	162.1209819	1.91502676	1.24E-16	84.65729319
UBOX5	NM_199415	121.3256137	1.429321271	6.73E-13	84.88337518
TAPT1-AS1	NR_027697	40.26512274	2.205310346	0.000914767	18.25825685
FANCC	NM_001243744	75.34620525	0.741714533	2.81E-08	101.5838329
RAB17	NR_033308	109.3667968	3.147751223	5.84E-11	34.74442199
ZNF473	NM_015428	38.2033481	2.052442928	0.001495598	18.61359826
SEC24B	NM_001300813	114.8159598	0.797404636	2.52E-13	143.9870732
CHMP3	NR_036454	86.77477667	0.395787857	2.50E-11	219.2456772
PURA	NM_005859	40.26512274	2.004970916	0.000805004	20.08264679
ACTN4	NM_004924	209.1016741	6.040752042	3.30E-19	34.61517251
SNRNP25	NM_024571	106.7747767	5.81870137	1.31E-09	18.3502761
GPR37	NM_005302	49.63191953	0.431425664	6.04E-07	115.0416483
TCP11L1	NM_018393	61.3256137	2.447813847	7.40E-06	25.0532179
TMA16	NM_018352	169.6319195	1.530566261	1.29E-20	110.829517
ANKZF1	NM_001282792	92.48906239	3.024942078	2.84E-09	30.57548211
ALS2CL	NM_001190707	126.2445312	2.061893275	3.07E-14	61.22748093
EXOC6B	NM_015189	167.8352676	0.195633531	3.13E-19	857.9064496
NENF	NR_026598	106.2445312	3.958311497	1.31E-10	26.84087174
ZNF23	NM_145911	118.4684708	0.399850158	1.55E-17	296.2821658
KIAA1324L	NM_001291991	60.53024548	0.178724965	1.50E-07	338.6781781
OTUD3	NM_015207	122.3861047	2.250154343	2.27E-13	54.39009331
SMARCD2	NM_001098426	84.71300204	15.96743176	5.57E-05	5.305361771
RINT1	NM_021930	129.3667968	1.594753682	2.12E-14	81.12023708
PSMA4	NM_001102668	141.5907364	2.31593919	1.40E-16	61.13750181
ZP3	NM_007155	30.16216501	1.003399022	0.000885111	30.05999046
CIAO1	NM_004804	82.12098192	6.603106423	4.25E-07	12.43671943
BPHL	NR_026650	154.8159598	1.384696754	3.77E-18	111.8049561
TULP3	NM_001160408	149.3667968	2.712493548	2.07E-15	55.06623117
RSRC2	NR_036434	146.7747767	2.563181313	1.93E-15	57.26273671
TMCO1	NM_001256165	75.61132799	0.541708688	1.05E-09	139.5793156
IFIH1	NM_022168	69.36679679	0.875768478	2.64E-08	79.20677498
REEP5	NM_005669	115.0810825	1.841549896	4.71E-12	62.49142788
ARAP2	NM_015230	51.69369417	0.44571343	6.08E-06	115.9796648
SND1	NM_014390	224.1827566	2.09748859	2.35E-21	106.8815142
STOML2	NM_001287033	144.1827566	8.6831966	6.49E-12	16.60480157
MYLIP	NM_013262	273.0193079	3.489541812	7.51E-31	78.23929976
IMMT	NM_001100169	64.18275656	2.900179807	5.63E-06	22.13061286
NCOA5	NM_020967	164.713002	3.594361984	1.03E-16	45.82537951
COQ4	NM_016035	123.9176338	5.023844987	1.15E-11	24.66589517
SLC37A2	NM_001145290	66.24453119	1.28521292	5.09E-07	51.54362374
NHSL1	NM_020464	26.50965393	0.544374234	0.004721553	48.69748107
TRAM1	NM_014294	145.2432475	2.487670499	9.37E-16	58.38524337
LPAR1	NM_001401	43.91763382	0.436129192	5.49E-05	100.6986796
ZNF770	NM_014106	220	2.608648673	2.74E-26	84.33485209
ETS1	NM_005238	95.34620525	1.133089687	7.41E-10	84.14709471
MMP15	NM_002428	38.73359358	5.491413923	0.00473099	7.053482788
MGC72080	NR_002822	117.6731026	4.803478857	1.73E-11	24.49747488
SNHG15	NR_003697	182.3861047	20.0555924	3.31E-12	9.094027294
DNAJC9	NM_015190	178.9987163	10.86430601	2.52E-15	16.4758537
YWHAB	NM_139323	96.14157347	5.269286952	8.21E-09	18.24565152
CEP192	NM_032142	163.3873883	1.050811897	5.34E-17	155.4868087
TOMM6	NM_001134493	78.99871632	11.29578447	3.93E-05	6.99364586
TEX30	NM_001286775	233.5495533	5.186466669	2.07E-25	45.03057057
TSNAX	NM_005999	99.26383906	1.153667756	3.65E-11	86.04196361
GNPAT	NM_014236	200.2651227	2.062521834	6.77E-23	97.09721342
MRPS22	NM_020191	101.8558592	7.917961908	5.28E-08	12.86389861
PLEKHF1	NM_024310	82.38610466	2.242466046	7.99E-09	36.73906447
HIST2H2BA	NR_027337	31.95881691	2.840359707	0.004328186	11.25167944
IRGQ	NM_001007561	81.59073644	4.503014036	7.37E-08	18.11913882
RPN1	NM_002950	115.3462052	1.196228638	2.77E-13	96.42488198
ZNF483	NM_001007169	47.30502215	0.023132778	1.10E-08	2044.934753
COG8	NM_032382	100.7953682	21.40570054	3.55E-05	4.7088096
DPH7	NM_138778	114.875167	1.941081469	6.61E-13	59.1810127
GLCE	NM_015554	139.7940845	0.166764253	6.38E-20	838.2736831

FAM175A	NM_139076	131.6936942	3.184861349	3.60E-13	41.34989871
MRPL4	NM_146388	133.2844306	9.256770188	4.48E-11	14.39858913
TFIP11	NM_012143	50.16216501	4.077888111	0.000335935	12.30101554
WDR41	NM_018268	99.79408454	1.580946194	2.88E-10	63.12301134
EBPL	NR_103802	81.85585918	1.489525428	6.25E-09	54.95432146
ACTA2	NM_001141945	61.59073644	2.516126365	5.45E-06	24.47839556
LOC100499484	NR_036526	144.1827566	0.399354757	7.77E-20	361.0392865
LOC100996325	NR_103444	60	2.563421795	9.97E-06	23.40621435
FAM86FP	NR_024254	78.73359358	4.659175593	1.71E-07	16.8986105
MCM10	NM_018518	106.2445312	1.217142162	1.95E-11	87.29015762
SAFB2	NM_014649	75.08108251	4.488652041	2.68E-06	16.72686629
ANKRD13A	NM_033121	129.3667968	1.180613276	1.00E-14	109.5759293
RRAGB	NM_016656	35.08108251	0.055891681	1.11E-05	627.6619662
SLC41A1	NM_173854	83.91763382	3.35848754	1.56E-07	24.98673371
LINC01311	NR_103767	112.7541851	25.56115679	0.000364807	4.411153457
ZDHHC3	NM_001135179	81.59073644	2.558521455	4.57E-08	31.88979959
ZNF273	NM_021148	104.4478793	0.153059843	2.66E-16	682.39897
NIPAL3	NM_020448	35.61132799	0.314861684	0.000204298	113.1014974
VIMP	NM_018445	113.0193079	3.020470078	3.52E-12	37.41778762
ABCA7	NM_019112	110.4272878	9.485234114	2.44E-08	11.64202026
DCAF13	NM_015420	124.9781248	2.365920492	9.66E-14	52.82431307
STX7	NM_003569	93.01930787	0.531994205	2.99E-12	174.8502275
ZFP91-CNTF	NR_024091	51.95881691	0.857002977	3.13E-06	60.6285139
MALSU1	NM_138446	106.7747767	7.264308399	1.31E-08	14.69854676
ORC2	NR_033915	89.63191953	1.078087107	2.14E-09	83.139775
UBA6	NM_018227	112.2239396	0.453817736	4.03E-14	247.2885714
LPAR2	NM_004720	79.26383906	9.156174887	9.64E-06	8.656872552
BATF2	NM_138456	32.75418513	1.065010097	0.001919256	30.75481182
BMI1	NM_005180	40.53024548	5.756735511	0.003683626	7.040491161
AKAP12	NM_005100	44.4478793	3.473239296	0.000391345	12.7972407
LAMA3	NM_001127718	55.34620525	0.541897998	1.57E-06	102.133991
DDHD2	NM_001164232	33.81467609	1.733843168	0.003210937	19.50273054
ATR	NM_001184	93.28443061	0.785728067	8.96E-11	118.7235565
HECTD3	NM_024602	78.73359358	1.11503519	1.05E-10	70.61085988
DNAJC2	NM_001129887	117.9382254	2.831865645	2.72E-12	41.64682939
LOC100507291	NR_121608	98.46847084	1.144306603	2.39E-10	86.05077571
MTF1	NM_005955	56.67181894	0.903130097	7.14E-07	62.75044884
SNAI3-AS1	NR_024402	211.9588169	6.443808637	5.79E-21	32.8934065
OGFRL1	NM_024576	88.83655131	2.789885655	6.59E-09	31.84236284
CCDC84	NR_104051	109.3667968	7.532974265	3.93E-09	14.51840839
AMZ2P1	NR_026903	140.0592073	7.847483916	8.71E-12	17.84765777
RBM28	NM_001166135	184.4478793	1.207403346	5.74E-23	152.7640948
DYNLL1-AS1	NR_038854	38.46847084	1.806386603	0.000366321	21.29581275
SEPSECS	NM_016955	55.87645073	0.278053399	4.47E-08	200.9558267
USP27X-AS1	NR_026742	74.55083703	4.765658451	2.37E-06	15.64334452
ANKRD40	NM_052855	112.2239396	6.387783257	9.58E-10	17.56852653
SLC25A23	NM_024103	90.16216501	0.575472247	3.53E-12	156.6750881
CRKL	NM_005207	76.67181894	3.770040791	1.21E-06	20.33713246
THNSL1	NM_024838	135.0810825	5.656756904	2.87E-12	23.87959829
POLA2	NM_002689	135.8764507	2.867871917	1.68E-14	47.37884211
RWDD2A	NM_033411	120.7953682	12.30142773	1.35E-08	9.819621824
SLC16A10	NM_018593	67.03989941	0.887375088	2.04E-07	75.54854794
BOLA3-AS1	NR_045634	34.81595977	1.184683292	0.000375231	29.38841123
DSP	NM_001008844	160.2651227	2.564076658	5.54E-17	62.50402938
ATPIF1	NM_178190	136.1415735	14.60994463	4.51E-09	9.318418167
WDFY1	NM_020830	67.57014489	1.326951956	9.46E-07	50.92131979
ITM2B	NM_021999	214.550837	1.969987301	1.63E-24	108.9097564
PVRL2	NM_002856	83.65251108	3.676636763	2.72E-07	22.75245461
TSNAXIP1	NM_001288994	63.91763382	0.808958273	2.59E-07	79.01227538
ZNF79	NM_001286696	99.5289618	0.874265341	1.35E-12	113.8429687
TMED4	NM_182547	152.2239396	15.80144514	3.75E-10	9.633545432
ITGB3	NM_000212	43.65251108	0.584206589	3.07E-05	74.72101809
CMC4	NM_001018024	60	1.68315405	5.67E-07	35.64736097
OPHN1	NM_002547	52.22393965	0.190661341	5.84E-06	273.9094327

TSPAN15	NM_012339	110.162165	1.139001908	4.72E-12	96.71815671
BIN3	NM_018688	60.53024548	1.422343977	6.23E-06	42.55668563
DLL4	NM_019074	149.6319195	3.213123547	2.47E-16	46.56899037
EID1	NM_014335	110.162165	1.43993313	2.59E-12	76.50505619
JAK1	NM_002227	177.6731026	1.553153366	4.85E-18	114.3950794
PTRF	NM_012232	152.4890624	5.317380082	5.43E-14	28.67748027
BDKRB2	NM_000623	54.55083703	0.317295693	1.50E-07	171.9242907
RPL21P28	NR_026911	126.2445312	8.942390607	3.03E-10	14.1175371
PARP2	NM_001042618	269.8970423	3.26088938	8.12E-32	82.76792337
TBPL1	NM_001253676	66.24453119	2.162883736	1.60E-06	30.6278743
ZNF767P	NR_027788	115.611328	1.578442392	1.15E-11	73.24393248
ST3GAL4-AS1	NR_033839	97.67310262	5.978279463	2.73E-08	16.33799544
FAM60A	NM_001135811	132.7541851	3.167921127	2.03E-13	41.90577347
BRWD1	NM_001007246	100.7953682	2.293074491	2.65E-11	43.95642994
DLG1-AS1	NR_038289	87.03989941	17.47813749	0.000243129	4.979929895
MKNK2	NM_017572	111.6936942	11.7793166	6.72E-08	9.482187967
TJAP1	NM_001146016	126.2445312	4.11047798	6.06E-12	30.71285914
PHACTR4	NM_023923	30.69241049	0.874364619	0.000969121	35.10253026
NINJ1	NM_004148	180.7953682	3.95426464	3.13E-19	45.72161569
RFTN1	NM_015150	26.50965393	0.254855166	0.00419737	104.0185071
PDZD8	NM_173791	165.2432475	1.43039573	2.01E-17	115.5227494
ATG9A	NM_024085	77.93822536	3.468488747	1.52E-07	22.47036997
UNC50	NM_014044	115.611328	6.681067863	1.06E-09	17.30431877
PRPF39	NM_017922	158.4684708	0.274325646	2.58E-23	577.6655337
GCC1	NM_024523	173.5495533	5.655701352	1.13E-17	30.68577044
F2RL1	NM_005242	196.1415735	6.817345681	2.63E-18	28.77095906
TSPYL2	NM_022117	92.48906239	2.021288528	5.50E-11	45.75747653
THAP11	NM_020457	68.83655131	6.218207684	3.78E-05	11.07015957
TPRN	NM_001128228	166.5096539	7.515773252	7.08E-15	22.15469365
OPLAH	NM_017570	153.2844306	2.485242956	7.24E-18	61.6778453
HMG20B	NM_006339	97.67310262	20.29372809	8.95E-05	4.812969909
ALG2	NM_033087	135.8764507	1.928538413	1.56E-16	70.45566209
TMEM70	NM_017866	224.9781248	6.744044037	5.33E-23	33.35952783
GTF2E1	NM_005513	70.42728775	1.314671765	2.13E-07	53.5702444
LOC100996348	NR_121631	106.7747767	1.353684646	1.73E-12	78.87714247
BCKDHB	NM_183050	169.8970423	0.615424877	5.64E-19	276.0646322
ZBTB3	NM_024784	95.34620525	4.598883766	7.62E-09	20.73246685
XPOT	NM_007235	98.2033481	3.580350957	1.21E-08	27.42841394
RARA	NM_001145302	103.6525111	6.210143583	5.04E-09	16.6908397
SSBP4	NM_032627	55.34620525	8.98462614	0.002696695	6.160101086
ZDHHC24	NM_207340	112.2239396	6.298162832	6.10E-10	17.81851988
LOH12CR1	NM_001300742	128.6306359	0.161814404	2.68E-18	794.9269821
STX8	NR_033656	47.57014489	0.288498262	1.44E-05	164.8888437
SERTAD3	NM_203344	137.6731026	14.61610269	1.54E-09	9.419275815
EXOSC10	NM_001001998	104.4478793	1.064755204	3.16E-12	98.0956739
POLR2J4	NR_003655	58.73359358	2.792917035	1.32E-05	21.02948024
EIF4G2	NM_001418	145.5083703	8.026875771	1.02E-12	18.12764697
GTSF1	NM_144594	109.8970423	1.163540055	1.17E-13	94.45058791
UBXN2B	NM_001077619	112.2239396	0.188789926	2.13E-17	594.4381772
GRWD1	NM_031485	58.2033481	4.212524511	3.41E-05	13.81673815
GMCL1	NM_178439	65.24324752	0.195439959	1.57E-09	333.8275752
SPATA2L	NM_152339	178.7335936	34.2536596	5.67E-09	5.217941548
TAF2	NM_003184	158.9987163	0.054927295	2.16E-26	2894.712284
IREB2	NM_004136	52.22393965	1.418985205	6.53E-05	36.80372386
MRPS30	NM_016640	84.4478793	0.319634364	1.35E-12	264.2015027
SOCS3	NM_003955	198.7335936	15.84529565	5.60E-15	12.54211963
C16orf70	NM_025187	118.7335936	0.660589077	7.48E-15	179.7389597
OVOL1	NM_004561	64.18275656	3.517936573	7.99E-06	18.24443256
RALGAPA2	NM_020343	97.67310262	0.131141401	4.35E-12	744.7922758
MRPS17	NM_015969	111.6936942	10.61978238	2.61E-08	10.51751252
GPR3	NM_005281	106.7747767	9.439836248	6.26E-08	11.31108357
GGPS1	NM_001037277	74.55083703	6.12979074	8.77E-06	12.16205254
PIM1	NM_001243186	112.2239396	1.523143333	6.97E-14	73.679172
STAU1	NM_017452	63.38738834	1.279935019	4.12E-06	49.52391128

PPIC	NM_000943	135.8764507	4.774286478	2.99E-13	28.46005395
COIL	NM_004645	99.5289618	1.052119255	4.41E-12	94.59855555
UQCRH	NM_001297565	81.59073644	6.735118545	1.03E-06	12.11422425
LPAR5	NM_020400	78.99871632	2.390601448	1.14E-08	33.04554023
PLXNA3	NM_017514	57.67310262	1.183704118	1.81E-06	48.72256651
PLA2G7	NM_001168357	67.83526763	3.011237615	9.67E-07	22.52737124
PRICKLE3	NM_006150	80	11.78697257	4.52E-05	6.787154166
GAA	NM_001079804	169.6319195	3.87131808	7.15E-18	43.81761355
SETD8	NM_020382	70.42728775	3.755951195	3.30E-06	18.75085274
RPL37	NM_000997	136.1415735	18.54668687	1.90E-08	7.340479432
PTCD1	NM_015545	93.54955335	4.501200428	1.22E-08	20.78324546
TRIM33	NM_015906	60.79536822	1.062257786	9.15E-07	57.23221707
OPN3	NM_014322	80.26512274	0.059161092	1.54E-13	1356.721465
CCSAP	NM_145257	97.14285714	5.712702759	5.54E-08	17.0047106
PPP1R2	NM_001291504	169.3667968	3.027933563	2.18E-17	55.9347797
DPY19L3	NM_001172774	61.3256137	1.420519427	9.40E-06	43.17126014
FGFR3	NM_001163213	134.550837	5.081118561	1.56E-12	26.48055451
ZNF213	NM_001134655	100.7953682	3.874328419	7.47E-10	26.01621683
ABHD3	NM_138340	206.5096539	3.173186798	2.37E-20	65.07957681
C8orf44-SGK3	NM_001204173	67.57014489	1.784586264	2.18E-06	37.86319902
DHX34	NM_014681	118.4684708	0.791945661	2.31E-14	149.5916661
TMEM216	NM_016499	129.8970423	6.935917108	3.00E-11	18.72817109
RRP36	NM_033112	72.48906239	7.093478293	8.52E-06	10.21911387
TAX1BP1	NM_006024	135.3462052	0.458143138	3.73E-17	295.4234039
POP5	NM_015918	132.2239396	14.75208932	1.36E-08	8.963065284
NAGPA-AS1	NR_038913	50.42728775	1.83002943	8.56E-06	27.55545181
THUMPD3	NM_015453	177.9382254	1.35457925	1.78E-22	131.3605131
NUP85	NM_024844	124.1827566	4.311859181	1.54E-11	28.80028112
METAP1	NM_015143	157.9382254	1.410239272	5.34E-17	111.9939209
C6orf120	NM_001029863	103.6525111	6.456497755	5.96E-09	16.05398391
CSRP2	NM_001300965	117.9382254	3.203834939	1.04E-11	36.81157975
RSG1	NM_030907	86.77477667	4.291506326	2.26E-08	20.22012088
SUCLG1	NM_003849	36.40669621	1.349242158	0.00153028	26.98307046
NAT10	NM_001144030	95.87645073	0.986171211	6.76E-11	97.22089805
ATP6V1B1-AS1	NR_110274	42.12098192	1.581370582	5.89E-05	26.63574396
MRPL48	NM_016055	149.8970423	0.573844665	5.92E-19	261.2153626
MRS2	NM_020662	138.9987163	1.710678588	1.15E-16	81.25355478
NGRN	NR_028052	155.3462052	5.159707234	3.57E-15	30.10756196
TATDN1	NR_027427	141.5907364	3.82835669	2.60E-13	36.98472946
ENTPD5	NM_001249	160.5302455	0.874773509	5.63E-19	183.5106388
GADD45GIP1	NM_052850	164.1827566	13.7360041	8.96E-12	11.9527306
LDHD	NM_153486	84.97812478	3.319583957	6.51E-09	25.59902864
TASP1	NM_017714	101.3256137	0.030854725	1.76E-15	3283.957736
AGO1	NM_012199	169.6319195	1.870692749	7.49E-19	90.67866417
HGS	NM_004712	87.03989941	9.8000264	4.94E-06	8.881598463
TTC38	NM_017931	135.8764507	3.523713076	1.43E-13	38.56058873
TRMT11	NM_001031712	138.7335936	0.220614498	3.68E-21	628.8507556
MRPS31	NM_005830	115.0810825	0.481420002	1.68E-14	239.0450791
DNAJC14	NM_032364	60.79536822	10.17030837	0.000689555	5.977731057
OSBPL11	NM_022776	107.8352676	1.155908348	1.77E-11	93.29049987
RPF2	NM_032194	92.75418513	1.364549273	1.21E-09	67.97422925
RPL7L1	NM_198486	103.1222656	4.369371631	3.60E-10	23.6011661
PPM1G	NM_177983	143.1222656	2.17726441	4.61E-16	65.73490337
EEF1A2	NM_001958	40	5.638676917	0.003825145	7.093862725
USP5	NM_003481	78.99871632	2.599955198	7.67E-08	30.38464524
CDCA7	NM_031942	91.95881691	4.488512862	1.06E-08	20.48759127
TMED9	NM_017510	151.9588169	0.793629787	1.82E-20	191.4731774
FZD1	NM_003505	58.99871632	8.257184362	0.000280299	7.145137342
PHOSPHO2-KLHL23	NM_001199290	161.3256137	2.858736367	1.82E-16	56.4324908
MAP4K3	NM_001270425	108.1003904	0.146696717	2.48E-14	736.8971355
USP48	NM_001032730	138.2033481	0.926743845	1.09E-15	149.1278835
CENPV	NM_181716	126.7747767	6.432775682	6.61E-11	19.70763212
E2F5	NM_001083588	43.65251108	1.925172182	0.000463975	22.674601
CSF1	NM_172210	43.38738834	3.730378436	0.001860964	11.63082756

HMG2N	NM_005517	75.61132799	10.6817851	0.000138601	7.078529222
FAM21A	NM_001291398	75.61132799	0.376161504	1.18E-09	201.0076181
LEPROT	NM_001198681	87.03989941	1.614123322	4.43E-10	53.92394634
RASA2	NM_006506	155.611328	0.155504269	3.74E-22	1000.688466
ACAA1	NM_001130410	61.85585918	4.928054532	1.96E-05	12.55178058
CKAP2	NM_001098525	92.48906239	4.089174597	2.02E-08	22.61802723
RB1CC1	NM_001083617	73.28443061	1.023834569	1.67E-08	71.57839052
SLC25A16	NM_152707	96.14157347	0.631655923	1.04E-12	152.2056074
GPC1	NM_002081	83.65251108	2.318417703	1.71E-08	36.08172546
MED17	NM_004268	158.2033481	3.553258049	1.01E-15	44.52346155
RNF215	NM_001017981	57.67310262	8.129097174	0.001069172	7.094650413
ALDH1B1	NM_000692	141.3256137	4.614966008	1.38E-14	30.62332712
GFM2	NM_170681	96.67181894	2.626121322	4.43E-10	36.81163477
EEF1A1	NM_001402	1497.526394	215.2865666	1.24E-79	6.955967658
CAMKK1	NM_032294	51.69369417	2.693506849	6.44E-05	19.19196685
RAET1K	NR_024045	126.5096539	3.806621901	1.66E-13	33.23410027
EFHD2	NM_024329	161.5907364	3.029252351	1.78E-17	53.34343848
SEL1L3	NM_001297592	31.69369417	1.218614494	0.001259588	26.00797407
MOB3A	NM_130807	107.3050222	4.230666496	3.70E-10	25.36362114
MLST8	NM_001199174	86.24453119	6.144273868	4.86E-07	14.03657015
ADAP2	NM_018404	75.08108251	0.098343134	3.61E-12	763.4603432
FAM53A	NM_001174070	35.61132799	0.019742229	5.15E-06	1803.814928
L3MBTL1	NM_032107	163.9176338	5.426366222	1.68E-15	30.20762461
LOC553103	NR_110997	129.3667968	0.696366831	5.34E-15	185.7739213
CLK1	NM_001162407	140.5302455	5.530389978	1.35E-13	25.41054899
FAM86C2P	NR_024249	131.9588169	1.690726995	1.12E-15	78.04856566
GTF2A2	NM_004492	132.4890624	0.404928049	2.62E-19	327.1916155
EME1	NM_001166131	149.8970423	14.23500904	1.20E-10	10.53016839
CCNK	NM_001099402	100.7953682	0.555808828	1.05E-12	181.3489874
SLC9A3R1	NM_004252	244.1827566	9.521452655	3.42E-21	25.64553597
FAM110C	NM_001077710	72.48906239	1.655350396	5.18E-08	43.79076634
HERC5	NM_016323	98.46847084	0.271615329	4.31E-14	362.5291377
AGPS	NM_003659	121.5907364	0.107552935	1.07E-17	1130.519929
NDUFS6	NM_004553	84.4478793	2.324377649	1.18E-09	36.33139363
KATNA1	NM_007044	121.8558592	1.342273389	2.77E-13	90.78318932
SEC14L2	NM_001291932	115.3462052	11.81091863	7.86E-08	9.766065522
TERF2	NM_005652	66.50965393	5.627500358	1.96E-05	11.81868498
NFE2L3	NM_004289	137.1428571	4.635103153	7.02E-13	29.58787596
MIATNB	NR_110543	88.10039037	1.137051797	5.49E-10	77.48142221
ZNF766	NM_001010851	58.2033481	2.194853608	9.23E-06	26.51810029
MCM8-AS1	NR_110101	95.34620525	2.628862921	1.45E-09	36.26899085
CTTN	NM_005231	103.9176338	4.672009508	3.54E-09	22.24259896
LSM1	NR_045493	92.48906239	2.851697966	2.88E-09	32.43297975
PCTP	NM_021213	159.2638391	2.946667599	1.33E-16	54.04879706
PLA2G16	NM_007069	75.61132799	1.709771389	1.47E-07	44.22306307
SPATA20	NM_001258372	133.5495533	4.842385855	1.10E-13	27.57928784
USF1	NM_007122	103.3873883	4.208504182	2.44E-10	24.56630286
LMAN1	NM_005570	86.50965393	1.040872841	1.08E-09	83.11260558
PPP1R37	NM_019121	75.87645073	1.776256215	1.12E-07	42.71706417
EDEM1	NM_014674	127.3050222	1.553056926	1.31E-14	81.9706091
RERE	NM_012102	141.3256137	0.889821099	7.49E-15	158.8247502
SHANK3	NM_033517	51.42857143	1.055109039	4.91E-06	48.74242331
WDR90	NM_145294	40.79536822	2.523178116	0.000733876	16.16824748
XRN2	NM_012255	108.5714286	0.256559906	8.40E-15	423.1815882
MESDC1	NM_022566	129.8970423	18.60180386	1.81E-07	6.983034725
DTYMK	NR_033255	104.1827566	5.031145132	2.50E-09	20.70756335
C4orf33	NM_001099783	65.97940845	0.049531292	1.25E-10	1332.075258
TTC9C	NM_173810	78.46847084	3.814845766	1.82E-07	20.56923809
FNIP1	NM_133372	107.8352676	0.627423037	1.71E-12	171.8701121
DEPDC1B	NM_018369	121.5907364	0.50276256	3.89E-15	241.8452487
AVEN	NM_020371	51.69369417	0.481641038	6.31E-06	107.3282593
PRKCQ-AS1	NR_036502	107.3050222	4.507615245	9.87E-11	23.80527537
LOC100270746	NR_026776	91.95881691	11.95242299	0.000153908	7.693738499
SIRT6	NM_016539	106.7747767	6.292668159	5.69E-09	16.96812449

DEPDC1-AS1	NR_110671	81.3256137	1.789366006	3.75E-08	45.44940132
UROS	NM_000375	212.7541851	3.769247674	1.42E-21	56.44473473
MRTO4	NM_016183	101.060491	9.725624529	3.00E-07	10.39115695
LINC00936	NR_028138	154.8159598	37.01710665	3.28E-06	4.182281485
FBXL6	NM_024555	172.7541851	31.06448439	1.22E-08	5.561147675
GSK3B	NM_002093	147.0398994	0.611759577	3.38E-16	240.3556967
ISG20	NM_002201	47.30502215	2.338095967	6.91E-05	20.23228422
CLCN7	NM_001114331	67.30502215	0.279860553	2.78E-10	240.4948516
VPS16	NM_080413	49.10167405	0.93951561	3.86E-05	52.26275492
FAM173A	NM_023933	209.3667968	25.98879497	3.23E-11	8.056040959
WDR62	NM_001083961	87.03989941	1.560271714	8.79E-09	55.78509092
ANKLE2	NM_015114	57.67310262	4.359618912	0.000127769	13.22893211
LINC01185	NR_033980	72.22393965	1.272110709	1.41E-07	56.77488536
CRY1	NM_004075	61.3256137	0.290622054	1.60E-07	211.015003
NDUFA13	NM_015965	93.28443061	1.168230504	3.40E-12	79.85104846
EDEM2	NM_018217	99.79408454	1.941254323	1.07E-10	51.40701214
PERP	NM_022121	157.9382254	1.579153317	1.42E-18	100.0144974
TMF1	NM_007114	103.9176338	0.525363624	3.92E-13	197.8013496
ZMAT5	NM_019103	127.0398994	1.106836309	1.15E-14	114.7774954
PXN-AS1	NR_038924	44.71300204	5.508429412	0.001055396	8.117196155
IKBKE	NM_001193322	59.5289618	2.930418583	6.92E-06	20.31414971
AUP1	NM_181575	80.79536822	11.73191438	7.77E-05	6.886801728
DDIT4L	NM_145244	123.3873883	8.987362356	4.98E-10	13.72898782
EFR3A	NM_015137	210.9575332	0.658419192	4.51E-26	320.4000368
ERBB3	NM_001005915	140	6.774658987	4.32E-13	20.66524681
OAZ2	NM_001301302	108.8365513	9.462940584	2.51E-08	11.50134573
EFNA4	NM_182690	220.2651227	4.937971501	4.80E-24	44.60639813
TFAP2E	NM_178548	120.5302455	2.903052872	4.46E-12	41.51844654
FAM24B-CUZD1	NR_037915	59.5289618	1.416535387	6.04E-06	42.02433795
SOX4	NM_003107	114.8159598	14.75788835	3.60E-07	7.779972109
KLHL12	NM_021633	207.5701449	0.663115825	2.97E-28	313.0224569
DUSP5	NM_004419	69.63191953	14.85183706	0.001516981	4.688438155
ELF3	NM_001114309	178.9987163	7.217465254	9.42E-17	24.80077285
ESYT1	NM_015292	135.3462052	7.119871067	5.16E-12	19.00964273
FBXO45	NM_001105573	49.89704227	1.655387399	5.77E-05	30.14221463
LINC01057	NR_104131	97.93822536	0.237899214	3.42E-12	411.6794824
TSC22D2	NM_014779	80.53024548	1.753144821	4.85E-08	45.93473654
FRY-AS1	NR_103839	35.34620525	1.566306891	0.000995503	22.56658988
SH3BGRL2	NM_031469	51.95881691	0.310789848	1.31E-06	167.1831217
AMACR	NM_014324	174.0797988	2.049682167	6.53E-20	84.93014266
UGGT2	NM_020121	150.4272878	0.409005334	1.55E-17	367.7880835
BRPF1	NM_004634	80.79536822	1.073352465	9.22E-10	75.27384609
DNAJB9	NM_012328	59.5289618	11.27054331	0.001431886	5.281818291
WDR36	NM_139281	89.89704227	0.804913402	4.10E-10	111.685359
CENPH	NM_022909	121.8558592	0.261499981	7.26E-19	465.9880229
SNF	NM_006142	224.713002	44.85669363	7.33E-09	5.009575692
CBX2	NM_032647	175.8764507	12.98217691	6.89E-14	13.54753151
CNBP	NM_001127193	162.6512274	5.954006349	1.51E-15	27.31794658
VPS28	NM_183057	167.5701449	8.350245948	5.55E-15	20.06768973
EID2B	NM_152361	75.08108251	9.960025769	0.0002027	7.538241793
KLHL7	NR_033329	153.2844306	4.148844881	9.40E-16	36.94629108
ZNF680	NM_001130022	106.2445312	1.156839267	7.23E-12	91.84035692
CDCA4	NM_017955	106.5096539	6.20959117	2.19E-09	17.15244225
DOCK6	NM_020812	37.67310262	2.122323463	0.00220614	17.75087694
POLR3G	NM_006467	177.6731026	1.44853803	1.12E-20	122.6568436
MDP1	NM_001199822	97.93822536	19.71316861	9.02E-05	4.968162517
PDLIM7	NM_213636	178.9987163	15.94961044	2.83E-13	11.22276416
PRKCH	NM_006255	112.4890624	0.508704863	1.21E-12	221.128341
TMOD3	NM_014547	149.6319195	1.450445031	1.35E-15	103.1627648
CNNM2	NM_199077	178.4684708	4.262465121	1.20E-18	41.86977858
GHITM	NM_014394	38.99871632	1.563709129	0.000397819	24.9398789
LNX1	NM_001126328	37.14285714	1.225489835	0.000315174	30.30858035
PRUNE	NM_021222	70.42728775	1.18095333	8.00E-08	59.63596186
ABCD1	NM_000033	100.7953682	2.207353166	3.65E-11	45.6634533

ACVR2A	NM_001278579	63.38738834	0.441286726	1.04E-07	143.6421824
ARPC4	NM_005718	113.0193079	4.113865803	1.77E-11	27.47277458
ARHGAP4	NM_001164741	72.75418513	1.824054095	9.14E-08	39.88597999
LINC011106	NR_027244	109.3667968	11.18590007	6.31E-08	9.777201304
SIL1	NM_001037633	172.7541851	0.948206778	1.22E-18	182.1904136
ARHGAP1	NM_004308	127.0398994	0.782730016	1.85E-16	162.3036
RRAS2	NM_001177315	51.69369417	0.401341115	2.34E-06	128.8023883
RGP1	NM_001080496	109.6319195	2.17272031	1.48E-12	50.45836733
MYH9	NM_002473	203.6525111	2.633139906	2.04E-20	77.34207764
SH3PXD2B	NM_001017995	51.69369417	1.250139818	8.82E-06	41.35033012
GPAM	NM_020918	172.7541851	0.72423417	1.44E-22	238.5336018
CCZ1B	NM_198097	129.1016741	1.205531281	1.83E-15	107.0911026
PLAA	NM_001031689	60.53024548	2.196101689	8.34E-06	27.56258773
SOX18	NM_018419	62.85714286	3.137951593	1.29E-05	20.03126594
FTSJ3	NM_017647	173.2844306	21.57588727	6.44E-11	8.031393029
C10orf35	NM_145306	75.08108251	2.138313382	2.68E-08	35.11229137
MDN1	NM_014611	92.48906239	1.427610497	8.83E-09	64.78592204
TTL	NM_153712	25.71428571	0.67581642	0.003681967	38.04921714
FKBP1B	NM_004116	86.24453119	3.090792318	2.07E-08	27.90369663
LOC100129917	NR_036512	104.1827566	7.826055853	8.01E-08	13.31229402
VTA1	NM_001286371	69.89704227	0.773624112	3.94E-08	90.35013408
MTIF2	NM_001005369	87.57014489	1.812751035	2.23E-09	48.30787196
DFNB31	NM_015404	101.3256137	1.683689282	7.61E-10	60.18070838
MTSS1	NM_001282974	44.18275656	0.693369166	7.02E-05	63.72183643
RAET1L	NM_130900	35.61132799	0.877064794	0.000279437	40.60284739
UTP15	NM_032175	73.28443061	0.27662238	1.32E-10	264.9258917
TACO1	NM_016360	166.5096539	4.624602882	1.67E-17	36.00517886
SELO	NM_031454	86.50965393	4.664757453	7.08E-08	18.54537022
RAB3B	NM_002867	107.0398994	0.849769513	1.64E-12	125.9634499
USP36	NM_025090	79.26383906	3.614696844	9.36E-08	21.9282121
PLK1	NM_005030	112.4890624	5.287912544	2.99E-10	21.2728674
NCAPG	NM_022346	69.36679679	0.789060449	1.29E-07	87.9106244
TSTD2	NM_139246	77.93822536	3.05481349	1.21E-07	25.51325167
SPAG4	NM_003116	131.6936942	32.74522648	1.80E-05	4.0217677
ZNF860	NM_001137674	94.55083703	2.784943496	4.45E-10	33.95072006
MYSM1	NM_001085487	109.8970423	1.476097692	1.15E-11	74.45106303
SMPD2	NM_003080	164.4478793	18.92484205	9.31E-11	8.689524535
FAM114A2	NM_018691	141.3256137	0.434613929	2.38E-18	325.1750674
GNL3L	NM_019067	80.53024548	1.828627029	3.11E-08	44.03863895
ERN1	NM_001433	204.713002	2.337123175	3.32E-21	87.59187546
CERS6	NM_001256126	78.73359358	0.712363383	9.05E-09	110.5244815
PRMT7	NM_001290018	158.2033481	1.377033503	7.89E-18	114.8870727
SNRNP27	NM_006857	126.5096539	1.100128262	2.87E-16	114.9953677
RPL29	NM_000992	138.7335936	15.78142441	6.09E-09	8.790942436
SNHG5	NR_003038	200.7953682	21.70312212	5.80E-12	9.251911644
ARVCF	NM_001670	100.5302455	5.060642421	9.50E-09	19.86511536
ZNF131	NR_123720	117.9382254	1.701619125	2.87E-12	69.30941456
RNF25	NM_022453	90.69241049	2.780538277	5.34E-10	32.61685381
OSMR-AS1	NR_109951	124.4478793	0.656561159	1.72E-14	189.5449914
SLC20A1	NM_005415	197.6731026	6.468935408	3.31E-18	30.55728496
LOC100288911	NR_037631	57.14285714	1.246738412	0.000271857	45.83387869
POMGNT2	NM_032806	169.6319195	1.856663873	5.82E-20	91.36382842
PSMD3	NM_002809	90.42728775	4.037896194	1.29E-08	22.3946539
RPL32	NM_001007073	160.5302455	12.27952203	2.00E-12	13.0730044
TRIM37	NM_001005207	123.3873883	0.848731338	4.30E-14	145.3786172
YWHAQ	NM_006826	98.46847084	2.312348701	7.69E-10	42.58374648
VPS4B	NM_004869	103.9176338	1.324525229	1.69E-11	78.45651525
HEMK1	NM_016173	72.75418513	5.153413649	2.69E-06	14.11766842
FAM212A	NM_203370	123.1222656	12.71210449	7.03E-08	9.685435306
STX10	NM_001271611	55.08108251	7.636095308	0.001475077	7.21325236
QRICH1	NM_198880	79.26383906	2.708667366	1.02E-07	29.26303911
SNAPC5	NM_006049	98.2033481	7.528170596	5.97E-08	13.04478251
LOC101929655	NR_120365	55.08108251	0.209947936	6.69E-07	262.3559129
ZZZ3	NM_015534	95.34620525	0.860150834	8.80E-11	110.848239

SERAC1	NR_073096	114.8159598	0.024566079	7.06E-21	4673.760132
COPS2	NM_004236	67.83526763	0.416446713	1.22E-09	162.8906303
IDE	NM_004969	144.1827566	0.928694513	2.29E-16	155.2531587
RASA3	NM_007368	92.48906239	0.445885116	8.36E-11	207.42801
TRAM2	NM_012288	175.0810825	3.075928857	1.57E-17	56.91974381
SESN1	NM_014454	35.08108251	0.791976438	0.000544036	44.29561391
MTOR	NM_004958	97.40797988	0.43745849	1.72E-11	222.6679377
MRPS6	NM_032476	117.6731026	1.55547485	4.19E-12	75.65091947
TRIM72	NM_001008274	71.95881691	13.95957263	0.000807473	5.154800852
EIF3I	NM_003757	98.46847084	9.527024013	1.53E-07	10.33570092
BEND3	NM_001080450	70.16216501	0.037178325	2.02E-12	1887.179274
EMB	NM_198449	98.46847084	0.882383726	6.76E-11	111.5937068
CAV1	NM_001753	70.42728775	4.513914688	5.21E-06	15.60226381
COMMD3	NM_012071	120.7953682	2.544786341	4.28E-14	47.46778394
TNS1	NM_022648	26.77477667	0.433446201	0.004443528	61.77185687
ARHGAP10	NM_024605	63.91763382	0.259063664	3.24E-07	246.7255845
SORBS3	NM_001018003	49.10167405	4.899980358	0.00044307	10.02078998
NPRL2	NM_006545	121.8558592	15.0585876	6.43E-08	8.092117427
IL17RB	NM_018725	126.2445312	4.145572126	1.96E-12	30.45286087
VMAC	NM_001017921	73.01930787	6.121932824	6.87E-06	11.9274925
SEMA3G	NM_020163	103.1222656	0.452925727	1.94E-15	227.6803002
MS4A10	NM_206893	21.06049096	0.202254417	0.00460699	104.1287071
TSPAN5	NM_005723	70.42728775	2.88366189	1.28E-06	24.42286594
GOLGA2	NM_004486	72.22393965	7.389476208	2.36E-05	9.773891628
ID2	NM_002166	133.0193079	27.88267737	4.13E-06	4.770679161
PARP4	NM_006437	178.2033481	1.886031607	2.69E-18	94.48587575
ANGEL1	NM_015305	129.8970423	0.086981121	2.57E-21	1493.39352
CHADL	NM_138481	21.06049096	0.312534988	0.00460699	67.38602646
PER1	NM_002616	73.54955335	4.83173477	8.23E-07	15.22218351
KIF15	NM_020242	69.36679679	0.296697912	8.93E-09	233.7960393
TAF7	NM_005642	161.3256137	2.714451822	1.08E-17	59.43211531
DMWD	NM_004943	55.61132799	8.813385934	0.002210197	6.309870962
POM121C	NM_001099415	129.8970423	3.840192177	1.37E-11	33.82566191
ZNF326	NM_182975	186.7747767	0.536030127	5.46E-28	348.4408193
TFPT	NM_013342	75.34620525	17.25393624	0.001169667	4.366899482
NRBF2	NM_001282405	155.3462052	3.057755998	3.24E-16	50.80399004
MIPEP	NM_005932	64.18275656	0.398302542	2.23E-07	161.1407154
EED	NM_152991	153.2844306	2.821445815	1.65E-15	54.32832691
TMEM185B	NM_024121	89.89704227	6.408432729	2.12E-07	14.02792946
C19orf68	NM_199341	40.79536822	5.503590433	0.004979808	7.412500751
SLC35E1	NM_024881	37.40797988	0.831082868	8.47E-05	45.01113103
SYNE4	NM_001039876	135.8764507	9.355279479	2.69E-11	14.52403972
SLC25A39	NM_016016	133.5495533	6.52403235	1.53E-12	20.47040023
TMEM170A	NM_145254	223.6525111	3.295210098	1.82E-24	67.87200344
DSCR3	NM_006052	40.26512274	2.24683509	0.001052145	17.92081801
SLCO4A1	NM_016354	95.08108251	6.248839891	1.72E-07	15.21579752
CFAP43	NM_025145	124.4478793	0.43602783	8.68E-16	285.4126977
C12orf10	NM_021640	111.9588169	5.973619801	6.59E-10	18.74220667
FHOD1	NM_013241	156.1415735	12.89814691	4.24E-12	12.10573694
ARHGAP23	NM_001199417	49.10167405	3.408508096	0.00019537	14.40562049
ZBTB2	NM_020861	75.61132799	5.425898071	2.51E-06	13.93526509
GPAA1	NM_003801	120.7953682	10.30007568	2.83E-09	11.72761948
DCUN1D5	NM_032299	100.2651227	0.886459364	2.22E-11	113.10741
OTUD6B-AS1	NR_110439	58.73359358	2.788961445	1.19E-05	21.05930639
WDR18	NM_024100	67.57014489	1.377317456	2.40E-08	49.05923801
EPS8	NM_004447	127.0398994	1.14496351	8.14E-14	110.9554133
YARS	NM_003680	127.5701449	3.001704754	3.18E-13	42.49923139
GATA2-AS1	NR_125398	121.3256137	4.657483281	3.74E-11	26.04960799
KMT2E	NM_182931	80.79536822	1.71165438	9.97E-08	47.2030856
FBXO30	NM_032145	129.1016741	0.254197665	2.86E-20	507.8790714
CRTC1	NM_015321	63.1222656	1.425664235	5.43E-06	44.27568851
NOL6	NM_022917	60.26512274	4.587706155	3.15E-05	13.13622118
ADPRHL2	NM_017825	144.4478793	8.924763702	1.28E-12	16.18506485
DDX60	NM_017631	75.34620525	0.111230358	9.26E-11	677.3888598

ZBTB33	NM_006777	75.08108251	3.672300475	1.89E-07	20.44524489
PEX26	NM_017929	36.40669621	3.087016783	0.001379572	11.79348826
ADPRM	NM_020233	137.9382254	1.924779684	4.28E-16	71.66442294
FUOM	NM_001098483	77.40797988	8.263564301	1.72E-05	9.367383984
RIPK2	NM_003821	207.8352676	1.008655223	5.58E-27	206.0518429
SH3BP1	NM_018957	60.53024548	4.096616963	3.72E-05	14.77566637
NFRKB	NM_001143835	152.4890624	2.374985002	9.84E-17	64.20632647
C16orf74	NM_206967	109.6319195	4.469171443	1.01E-09	24.5307035
KEAP1	NM_203500	84.18275656	6.86061921	1.46E-06	12.27043128
JRKL	NM_001261833	106.3037385	4.664347985	3.41E-10	22.79069632
NECAP1	NR_024260	89.10167405	2.419734468	6.59E-09	36.82291393
COX8A	NM_004074	138.4684708	9.023879108	1.20E-10	15.34467264
MED11	NM_001001683	197.9382254	7.111491711	4.72E-18	27.83357324
SNRPF	NM_003095	89.36679679	1.410486333	7.49E-11	63.35885339
MARCKSL1	NR_052852	191.4285714	41.72580336	4.77E-08	4.587774375
CRYM-AS1	NR_026675	86.24453119	6.142986748	6.84E-07	14.03951119
NYAP1	NM_173564	35.08108251	2.445316455	0.002172578	14.34623418
CLCN3	NM_001829	115.611328	0.91986806	3.30E-13	125.6825115
ENPP5	NM_001290072	132.7541851	3.909870527	3.90E-13	33.95360133
WDSUB1	NM_152528	84.4478793	1.178962572	5.12E-09	71.62897387
PHYH	NM_001037537	61.59073644	2.186715038	1.84E-06	28.16587227
H2AFY2	NM_018649	107.0398994	2.269678277	1.26E-10	47.16082472
SDCCAG8	NM_006642	152.2239396	0.642442049	6.53E-17	236.9457914
STX18-AS1	NR_037888	187.0398994	0.220065411	9.56E-25	849.9286591
ZSCAN21	NM_145914	107.5701449	2.883355212	3.09E-11	37.30728162
ZNF41	NM_153380	48.83655131	1.975493489	0.000115037	24.72119072
CPNE7	NM_014427	63.38738834	6.305075243	0.000143272	10.05339126
HRSP12	NM_005836	235.0810825	2.3169234	3.55E-28	101.4626044
TCTA	NM_022171	92.48906239	17.81673574	5.78E-05	5.191133983
OGFRP1	NR_036498	89.63191953	6.094805825	1.19E-07	14.70627976
RPS4X	NM_001007	77.93822536	10.04623751	2.40E-05	7.757951699
NAMPT	NM_005746	77.67310262	3.181629128	1.40E-07	24.41299708
ZNF264	NM_003417	113.0193079	1.609615595	9.05E-13	70.21509251
ZBTB17	NM_001287603	74.28571429	1.86692525	1.30E-07	39.79040634
HSPA4L	NM_014278	136.6718189	0.907893192	6.64E-16	150.5373321
MOSPD1	NM_019556	77.14285714	1.696074121	3.34E-08	45.48318744
GLRX3	NM_001199868	58.73359358	1.193328177	4.54E-06	49.21830784
COL6A1	NM_001848	160	0.922563578	3.12E-21	173.4297818
C10orf54	NM_022153	120.7953682	1.603257857	7.40E-14	75.34369327
CAMK2N1	NM_018584	58.2033481	2.050924411	1.66E-06	28.37908008
LARP1B	NM_178043	112.2239396	1.537314629	1.32E-11	72.9999816
GPR124	NM_032777	52.22393965	2.406119431	7.46E-05	21.70463318
MKKS	NR_072977	103.9176338	2.641838759	8.42E-11	39.33534303
ZNF445	NM_181489	103.6525111	0.458814405	1.85E-14	225.9138114
GJB5	NM_005268	72.22393965	5.713393426	4.59E-06	12.64116336
TTC37	NM_014639	111.9588169	0.198177694	1.18E-15	564.941567
LRR1	NM_203467	98.99871632	3.88177821	1.00E-09	25.50344481
SEC62	NM_003262	61.06049096	1.84336193	5.16E-06	33.12452642
TP53RK	NM_033550	78.73359358	3.593459164	7.10E-08	21.91025137
PTK2	NM_001199649	97.67310262	1.689898877	3.78E-09	57.7981937
IAH1	NM_001039613	89.63191953	4.731302862	2.44E-08	18.94444768
SLC25A11	NM_003562	73.01930787	17.20108467	0.001120129	4.245040896
KTI12	NM_138417	94.81595977	8.114569157	1.02E-06	11.6846573
EFR3B	NM_014971	52.22393965	0.123053898	5.58E-07	424.398905
SRD5A1	NM_001047	114.550837	2.683242492	6.67E-12	42.69119819
ZNF275	NM_001080485	77.40797988	0.644156857	7.75E-10	120.1694573
SDHAP2	NR_003265	96.93694168	7.029391077	1.04E-07	13.79023312
TDP2	NM_016614	144.1827566	2.42690176	7.55E-16	59.4102155
CHPF	NM_024536	120.2651227	16.38591021	1.18E-07	7.33954484
TIMM13	NM_012458	121.060491	19.84243596	1.82E-06	6.101090167
RILPL2	NM_145058	109.1016741	2.024415616	2.85E-12	53.89292257
AKTIP	NM_022476	74.55083703	0.295853661	3.13E-11	251.9855148
UBE2N	NM_003348	95.34620525	1.962470148	6.11E-10	48.58479266
LAD1	NM_005558	107.3050222	6.722466576	3.57E-09	15.96215034

CD40	NM_001250	89.63191953	0.879061629	6.80E-12	101.9631805
SMURF2	NM_022739	145.9794085	3.748171238	4.28E-14	38.94683545
KTN1-AS1	NR_027123	129.1016741	11.77565648	2.73E-09	10.96343751
CALM1	NM_006888	198.2033481	8.707481385	9.87E-18	22.76241996
LARS	NM_020117	49.63191953	1.213053887	0.000126453	40.91485139
KDM1A	NM_001009999	156.4066962	1.266050565	2.72E-17	123.5390596
TMEM206	NM_001198862	115.8764507	1.641705743	2.03E-12	70.58295998
ADA	NM_000022	88.83655131	2.281458321	3.62E-09	38.93849407
SIAH2	NM_005067	184.1827566	3.729183551	2.93E-19	49.38956586
TSR1	NM_018128	77.93822536	11.62992177	9.92E-05	6.701526195
NRAS	NM_002524	58.2033481	5.377407093	7.33E-05	10.8236827
PHF11	NM_001040443	66.50965393	1.496709716	8.98E-07	44.43724338
TTL3	NM_001025930	63.91763382	4.88770716	3.18E-05	13.07722245
LOC100505938	NR_125740	103.1222656	0.515959057	7.56E-13	199.8652105
GCN1L1	NM_006836	129.3667968	2.105742054	4.08E-13	61.43525344
KLHL11	NM_018143	141.3256137	1.756172644	3.49E-17	80.47364488
MBLAC2	NM_203406	149.3667968	4.06167136	1.69E-15	36.77471257
MRPL54	NM_172251	81.59073644	6.986588798	7.49E-07	11.67819358
AP3B1	NM_003664	129.6319195	0.384778359	1.10E-14	336.9002352
USP37	NM_020935	118.2033481	1.196148131	7.47E-12	98.81999149
SESTD1	NM_178123	52.22393965	0.767294103	8.08E-06	68.06248014
KCTD11	NM_001002914	106.7747767	16.04055307	2.87E-06	6.656552066
CASP6	NM_001226	138.4684708	1.448975829	1.23E-16	95.56299568
PAFAH1B1	NM_000430	132.2239396	1.382344209	1.48E-13	95.65196485
TIMP1	NM_003254	43.1222656	5.640713288	0.003669503	7.644824935
FDXACB1	NR_038364	67.03989941	6.835263471	7.55E-05	9.807946643
MYO15A	NM_016239	38.99871632	2.850191242	0.00125842	13.68284196
MED18	NM_017638	66.77477667	5.967574794	2.31E-05	11.18960029
FCHSD1	NM_033449	95.61132799	4.747781143	2.59E-08	20.1381077
SGCB	NM_000232	74.55083703	1.33783192	1.47E-08	55.7251146
LOC148413	NR_015434	98.73359358	21.36306251	8.26E-05	4.62169661
RPS9	NM_001013	235.0810825	19.65433075	8.21E-17	11.96077778
PHC1	NM_004426	60	2.369244508	5.66E-06	25.32452847
DOHH	NM_031304	107.0398994	0.320181237	9.86E-17	334.3103434
KCTD21	NM_001029859	106.7747767	1.568317137	1.12E-12	68.08238854
HSDL2	NM_032303	49.89704227	0.890300638	1.32E-05	56.04516063
ACTR1A	NM_005736	102.3861047	6.924520018	2.05E-08	14.7860219
C9orf43	NM_152786	87.30502215	1.85872523	5.92E-10	46.97037558
KLF3	NM_016531	109.3667968	3.718945213	6.16E-10	29.40801505
ZNF777	NM_015694	117.9382254	1.321358047	1.44E-13	89.25531246
ESYT2	NM_020728	43.65251108	0.619317489	4.95E-05	70.48486733
TMEM205	NM_198536	47.57014489	5.513939708	0.00064112	8.62725155
PMS2P3	NR_028059	78.46847084	0.700752064	1.29E-09	111.9775094
GMFB	NM_004124	113.0193079	0.458521213	9.53E-17	246.4865414
STAT5B	NM_012448	71.69369417	0.37345961	4.33E-09	191.9717483
MYL6	NM_021019	152.2239396	30.51164619	3.57E-07	4.989043812
DPY19L4	NM_181787	236.1415735	0.234811748	2.91E-36	1005.66337
PRPF8	NM_006445	71.48777871	1.470317642	1.93E-07	48.62063588
RUNDC1	NM_173079	55.34620525	4.21305726	0.00012401	13.13682721
EXOSC7	NR_023353	92.75418513	2.733784893	2.95E-09	33.92885276
ERI3	NM_024066	103.3873883	2.199763414	6.63E-10	46.9993217
SLC7A5P2	NR_002594	273.5495533	29.59953495	6.08E-17	9.241684163
USP14	NM_005151	49.36679679	0.812313159	8.03E-06	60.77310975
BRX1	NM_018321	67.83526763	1.672264445	3.46E-08	40.56491653
ARGLU1	NM_018011	144.4478793	0.980123888	1.01E-18	147.3771644
TRAM2-AS1	NR_103447	126.5096539	2.00072065	4.55E-15	63.2320429
SNRPD1	NM_006938	118.2033481	4.98151063	2.01E-10	23.72841431
PBX4	NR_038198	61.06049096	2.870492689	1.16E-05	21.27178069
WDFY3	NM_014991	26.50965393	0.319214875	0.004844016	83.04642417
SMIM8	NM_001042493	183.9176338	0.762662083	5.48E-26	241.1521931
PLEKHA3	NM_019091	64.97812478	0.307041802	5.49E-10	211.6263141
C5orf30	NM_033211	189.8970423	2.218112376	8.61E-22	85.61200251
ABRACL	NM_021243	104.1827566	4.770309932	6.11E-10	21.8398297
HIF1AN	NM_017902	206.7747767	5.534297306	1.56E-20	37.36242656

CLN8	NM_018941	89.36679679	3.345623556	3.31E-08	26.71155176
C17orf85	NM_001114118	136.6718189	0.993957653	2.84E-16	137.5026577
PKN2	NM_006256	161.3256137	1.519121049	4.68E-16	106.1966812
CCDC74B	NM_207310	36.14157347	2.624315896	0.00285394	13.77180755
MANBA	NM_005908	172.4890624	0.914784744	1.08E-19	188.556995
ZDHHC1	NM_013304	76.14157347	2.712619519	5.38E-08	28.06938936
LOC101928489	NR_110889	61.59073644	7.908585873	0.000404354	7.787831785
SELM	NM_080430	198.2033481	15.55937233	1.22E-14	12.73851823
SLC46A1	NM_080669	149.6319195	6.817477228	2.28E-13	21.948283
SEH1L	NM_001013437	209.6319195	1.87400774	4.60E-24	111.8628888
VPS41	NM_014396	63.91763382	0.176779913	8.03E-08	361.566157
PCSK5	NM_001190482	158.9987163	0.340361898	7.25E-18	467.1460497
PARD6G	NM_032510	63.65251108	1.16508562	3.82E-07	54.63333338
AP5Z1	NM_014855	69.89704227	2.695239399	4.23E-07	25.93351904
PGM2	NM_018290	183.9176338	1.088710327	1.21E-22	168.9316517
TIMMDC1	NM_016589	121.5907364	2.242397935	1.20E-13	54.22353211
LOC101926926	NR_125388	26.77477667	0.461690877	0.002928124	57.9928649
PPP6C	NM_001123369	87.03989941	1.300917374	4.58E-09	66.90655465
TRIP4	NM_016213	141.3256137	0.791264744	5.54E-16	178.6072421
IGF2BP2	NM_001291869	114.550837	2.247361441	5.88E-11	50.97125675
PRRC2C	NM_015172	101.5907364	1.435466251	3.22E-10	70.77194353
ADORA2B	NM_000676	67.30502215	8.507567655	5.77E-05	7.911194466
HSPA4	NM_002154	133.2844306	3.262712478	1.47E-13	40.85080481
C14orf132	NM_001282463	109.3667968	1.510068077	2.08E-11	72.42507704
H2AFX	NM_002105	207.3050222	47.10205819	1.03E-07	4.401188189
CYSTM1	NM_032412	84.4478793	2.394925466	2.40E-08	35.26117221
LOC100506314	NR_038920	26.24453119	0.75531946	0.004125752	34.74626641
CSTF2	NM_001325	43.38738834	0.256829864	1.57E-06	168.9343588
GINS2	NM_016095	81.59073644	1.180226315	1.38E-10	69.13143301
FGD6	NM_018351	143.3873883	0.657358216	1.10E-16	218.126715
PP7080	NR_024158	152.2239396	9.78324371	2.41E-12	15.55965937
CUL1	NM_003592	109.1016741	1.869577179	1.05E-10	58.356336
ATP6V1H	NM_015941	73.54955335	0.743590338	1.69E-08	98.9113892
FUBP1	NM_003902	56.40669621	2.353614805	1.36E-05	23.96598461
MLH3	NM_001040108	67.57014489	1.508748813	5.19E-07	44.78554967
ZNF468	NR_102299	81.85585918	1.582335283	2.16E-09	51.73104591
DEPTOR	NM_001283012	71.69369417	0.765062249	5.19E-08	93.70962206
FKBP4	NM_002014	178.4684708	7.769310071	7.74E-16	22.97095485
HSBP1L1	NM_001136180	75.87645073	18.06215466	0.000570953	4.200852676
RAB3GAP2	NM_012414	89.89704227	1.125900443	6.51E-10	79.84457488
RTCA-AS1	NR_110435	115.0810825	17.99573484	6.04E-06	6.394908768
SF3B3	NM_012426	87.30502215	5.644823841	1.56E-07	15.4663856
TOB2	NM_016272	211.9588169	14.65899031	2.63E-16	14.45930534
CCNL2	NM_030937	123.9176338	5.143526076	2.22E-11	24.09196182
ANKRD18DP	NR_003291	87.03989941	1.23107757	7.22E-10	70.70220555
LOC729732	NR_047662	84.97812478	1.092862348	1.36E-09	77.75739087
SLC37A3	NM_001287498	106.5096539	1.063991822	2.89E-11	100.1038276
CAMLG	NM_001745	132.2239396	3.757054793	6.95E-14	35.19350846
SDE2	NM_152608	102.6512274	1.930527233	5.46E-12	53.17263889
ALKBH3	NM_139178	96.67181894	0.736032015	2.27E-11	131.341867
LOC100093631	NR_003580	54.81595977	2.770771302	4.25E-05	19.78364642
UMPS	NR_033434	151.222656	3.233193306	4.68E-16	46.77191918
TEN1-CDK3	NR_037709	70.69241049	6.341383381	2.56E-05	11.14779004
NSMCE4A	NM_001167865	168.3655131	5.133976128	2.90E-16	32.79437008
CNNM3	NM_017623	166.2445312	5.194176599	8.38E-16	32.00594512
TRAF1	NM_001190945	58.99871632	0.425650573	1.61E-08	138.6083329
PSMD14	NM_005805	134.8159598	0.793100238	8.15E-16	169.9860287
SNRNP48	NM_152551	150.4272878	1.206867947	2.51E-19	124.6427069
RPL10A	NM_007104	181.8558592	39.27451722	8.94E-08	4.630377967
FTX	NR_028379	100.5302455	0.710859575	5.08E-11	141.4206814
DDX56	NM_001257189	115.0810825	15.66797704	4.11E-07	7.344986669
IFI30	NM_006332	187.0398994	9.646592429	1.86E-16	19.38921964
TOMM7	NM_019059	86.24453119	2.587821601	5.51E-09	33.32707755
PDP1	NM_001161779	137.4079799	21.46485246	6.04E-08	6.401533863

DAPK3	NM_001348	118.4684708	3.888805963	3.82E-12	30.46397068
CLN5	NM_006493	180.5302455	7.103316091	3.19E-17	25.41492497
DENND6B	NM_001001794	37.40797988	0.749788944	0.000413933	49.89134636
TRAK2	NM_015049	98.2033481	0.291044243	3.99E-13	337.4172504
LOC100507002	NR_110801	62.12098192	2.849636975	5.47E-06	21.79961253
TPR	NM_003292	130.4272878	0.901328693	9.90E-15	144.7055761
PRRG4	NM_024081	129.6319195	0.91353337	4.27E-16	141.9016796
MRPS7	NM_015971	133.5495533	5.650663353	4.37E-13	23.63431424
ZBTB47	NM_145166	40.53024548	3.598835218	0.00341678	11.26204536
LOC100129973	NR_102751	58.2033481	1.001876645	3.60E-06	58.09432567
AATF	NM_012138	107.3050222	1.215535475	5.75E-11	88.27798477
CYTH2	NM_004228	69.10167405	12.20444445	0.00051687	5.662008976
KNTC1	NM_014708	93.01930787	1.444617012	2.46E-09	64.39028968
YTHDF3-AS1	NR_102684	169.6319195	30.33465399	1.94E-05	5.592017618
POLB	NM_002690	135.8764507	0.977453938	9.77E-17	139.0105922
C9orf163	NM_152571	106.5096539	23.75412618	7.91E-05	4.483838013
DTX3L	NM_138287	76.93694168	3.605055586	1.82E-07	21.34140233
WDR37	NM_014023	62.85714286	0.016710884	2.31E-11	3761.449315
ECHDC2	NM_001198962	97.93822536	0.273542806	6.77E-14	358.0361946
ZNF780B	NM_001005851	64.4478793	0.630612468	1.03E-07	102.1988662
RNF149	NM_173647	138.7335936	1.931578323	1.24E-15	71.82395449
GXYLT1	NM_173601	160.5302455	0.092123892	2.16E-26	1742.547373
C7orf73	NM_001130929	213.0193079	2.621459086	4.89E-25	81.25982549
PYROXD1	NM_024854	100	0.832383562	8.06E-12	120.1369231
CKAP2L	NM_152515	50.16216501	1.219633263	2.53E-05	41.12889221
FANCE	NM_021922	118.2033481	3.228599474	3.53E-12	36.61133846
SHCBP1	NM_024745	95.34620525	0.249542056	4.01E-14	382.0847141
TTF2	NM_003594	58.46847084	2.140691842	1.62E-05	27.31288534
ELMSAN1	NM_001043318	49.10167405	4.165107451	0.000963748	11.78881328
LINC00476	NR_023389	132.7541851	15.03868213	1.04E-08	8.827514536
ZNF184	NM_007149	69.63191953	1.433746365	1.86E-07	48.566414
A3GALT2	NM_001080438	32.75418513	0.631955244	0.000238767	51.8299127
MAML3	NM_018717	47.83526763	0.389643706	1.89E-05	122.7666889
PELI1	NM_020651	115.3462052	1.58391799	4.42E-12	72.82334437
RAB6B	NM_016577	123.6525111	1.175161542	4.51E-13	105.2217135
CDC37	NM_007065	139.2638391	4.59361914	8.71E-14	30.31680137
ANKRD34A	NM_001039888	129.8970423	0.611587502	1.74E-18	212.3932255
PDIA3	NM_005313	202.1209819	2.641274728	2.51E-22	76.52402825
SAP30L	NM_001131063	72.22393965	3.249114926	1.36E-06	22.22880424
TMEM242	NM_018452	54.07979883	4.14401317	0.000232603	13.05010303
C6orf106	NM_022758	41.3256137	1.779204891	0.001249587	23.2270122
VPS9D1-AS1	NR_036480	228.3655131	18.34036037	3.15E-17	12.45152813
FBXO5	NM_012177	68.36551311	2.802837158	1.59E-06	24.39153945
ZNF503	NR_120651	92.75418513	3.456104321	1.21E-08	26.83778512
NUP98	NM_005387	69.63191953	2.85004504	1.90E-06	24.43186636
PREB	NM_013388	132.7541851	5.43554617	1.94E-12	24.4233387
FAM133DP	NR_034169	189.6319195	1.21222051	7.61E-24	156.4335184
TIMM10B	NM_012192	118.7335936	2.937602386	2.84E-13	40.41853797
IRF9	NM_006084	62.12098192	7.223972116	0.00015782	8.599283182
N4BP2	NM_018177	115.3462052	0.29810274	5.21E-15	386.9344009
MFAP1	NM_005926	116.1415735	2.373245816	3.53E-12	48.93786084
CLPP	NM_006012	50.42728775	8.575313725	0.003293699	5.880518121
MTM1	NM_000252	75.08108251	0.422729407	4.72E-09	177.6102662
CCT6P3	NR_033416	151.6936942	2.925986881	5.41E-15	51.84360024
NUDC	NM_006600	112.4890624	5.693888623	2.23E-09	19.75610516
SLC9A1	NM_003047	241.8558592	2.354733818	1.47E-26	102.7104879
LOC102723373	NR_119378	46.77477667	0.127139667	5.31E-07	367.9007318
C3orf38	NM_173824	127.3050222	5.761126982	6.84E-12	22.09724288
MSX1	NM_002448	146.5096539	14.59627692	3.93E-10	10.03746741
BUD13	NM_032725	103.9176338	1.481265403	8.42E-12	70.1546351
ME1	NM_002395	71.95881691	0.119567006	3.29E-09	601.8283755
C15orf61	NM_001143936	207.8352676	7.963661544	1.24E-19	26.09795337
IFI6	NM_002038	89.89704227	4.169978498	1.24E-08	21.55815487
NHP2L1	NM_001003796	153.0193079	6.058124903	1.21E-14	25.25852641

PRPF19	NM_014502	125.2432475	3.037688084	3.11E-13	41.22979189
C5orf24	NM_001135586	223.9176338	3.562062204	4.05E-25	62.86179774
CCNF	NM_001761	95.61132799	7.391658504	1.97E-07	12.93503047
ALDH1A3	NM_001293815	121.3256137	6.985826772	6.96E-10	17.36739511
THAP7	NM_030573	158.4684708	37.00352562	2.19E-06	4.282523575
PCYOX1	NM_016297	200.7953682	2.907034356	4.81E-22	69.07223776
GCHFR	NM_005258	43.1222656	2.631738862	0.000291394	16.38546522
SRBD1	NM_018079	95.87645073	0.213724046	6.60E-12	448.5992689
RSL1D1	NM_015659	107.0398994	5.818133726	4.74E-09	18.39763478
GHDC	NM_032484	45.773493	2.180199854	0.000165225	20.99509038
YIPF2	NM_024029	54.55083703	5.436705804	0.000292545	10.03380337
BCAM	NM_001013257	135.3462052	7.632489195	1.78E-11	17.73290493
TNFRSF1A	NM_001065	91.95881691	17.80534987	6.50E-05	5.164673404
KCNN4	NM_002250	68.83655131	5.863790512	2.89E-05	11.73925828
FAM73B	NM_032809	26.24453119	0.779869709	0.003332421	33.65245616
PSEN2	NM_000447	132.7541851	2.893804084	3.12E-13	45.87531888
SCAF8	NM_014892	80.79536822	1.984525891	1.13E-07	40.71268034
PRR19	NM_199285	112.2239396	5.752601424	1.55E-10	19.50838088
C19orf66	NM_018381	81.85585918	5.475134317	2.12E-07	14.95047508
TMEM45A	NM_018004	47.57014489	0.593236959	8.90E-06	80.18742629
IL12A	NM_000882	75.87645073	1.132443492	2.04E-09	67.0024167
SLC4A1AP	NM_018158	165.9794085	2.090759224	7.42E-19	79.38714633
PAPSS2	NM_001015880	66.77477667	0.596540743	7.65E-08	111.9366572
PCF11	NM_015885	116.4066962	4.284182144	5.73E-11	27.17127617
GSTCD	NM_024751	120.5302455	0.062460873	1.40E-18	1929.691967
KBTBD7	NM_032138	87.30502215	4.785054525	4.65E-08	18.24535576
C1QL4	NM_001008223	104.1827566	4.454937782	4.84E-10	23.38590608
ASS1	NM_000050	40.26512274	1.10916049	0.000106905	36.30234136
ZDHHC5	NM_015457	147.0398994	2.260103149	4.77E-16	65.05893303
SMG9	NM_019108	129.3667968	4.367157826	2.03E-12	29.62265207
LCOR	NM_032440	32.22393965	1.181461427	0.001279722	27.27464386
JUP	NM_021991	193.2844306	3.840210852	1.02E-19	50.33172346
DDX60L	NM_001012967	67.03989941	1.542730137	3.27E-06	43.45536385
SNX8	NM_013321	77.40797988	0.611287258	1.43E-09	126.6311032
SDHA	NM_001294332	78.2033481	2.442754507	1.09E-07	32.01441156
RPL23	NM_000978	154.8159598	10.94022581	6.13E-12	14.15107534
CCDC88A	NM_001254943	108.8365513	0.098419013	6.65E-16	1105.848837
PEX12	NM_000286	106.7747767	15.93847036	1.67E-06	6.699185947
BNIP3L	NM_004331	75.87645073	0.599192281	2.89E-09	126.631222
MPLKIP	NM_138701	155.611328	7.70161242	7.10E-13	20.20503233
MYO5B	NM_001080467	81.59073644	0.369756563	2.82E-09	220.6606846
TBCE	NM_001287801	138.2033481	1.09356349	1.10E-14	126.3788974
RIC1	NM_001206557	204.1827566	0.890340421	2.94E-23	229.3311095
PIGZ	NM_025163	114.8159598	2.444325976	1.19E-12	46.97244184
BDP1	NM_018429	121.8558592	0.877379014	3.56E-14	138.886225
GLOD4	NM_016080	127.3050222	2.118042837	1.10E-14	60.10502713
GADD45A	NM_001924	163.3873883	26.0993615	6.25E-09	6.260206339
RND1	NM_014470	124.1827566	2.329082344	1.13E-13	53.31831951
UBE2V2	NM_003350	117.9382254	1.712915028	2.72E-12	68.85235019
EPB41L5	NM_001184937	105.2432475	0.365468703	1.10E-12	287.96788
PPIL3	NM_130906	97.67310262	0.416624303	6.77E-14	234.4392826
RAPGEF5	NM_012294	31.69369417	0.636149412	0.001275714	49.82114827
NOMO1	NM_014287	138.7335936	2.376675884	2.43E-14	58.37295464
WDR89	NM_080666	121.5907364	1.439758008	1.83E-13	84.45220362
STK11IP	NM_052902	44.71300204	2.614522231	0.000176498	17.1017869
PRKG1-AS1	NR_038277	47.30502215	1.109945432	2.75E-05	42.61923225
EXOG	NM_001145464	118.2033481	1.088124318	6.05E-14	108.6303708
DNAJA1	NM_001539	198.7335936	6.648308844	4.18E-19	29.89235281
ARPC3	NM_001287222	75.61132799	4.410042199	1.08E-06	17.14526178
RNF144B	NM_182757	100.7953682	0.244293224	1.02E-13	412.5999352
BLOC1S6	NM_012388	177.9382254	2.220629638	6.49E-20	80.12962736
ZC3H15	NM_018471	75.34620525	3.084943881	1.56E-07	24.42384956
TM7SF3	NM_016551	145.9794085	1.390167714	1.67E-16	105.0084871
LLPH	NM_032338	109.8970423	9.429813812	2.86E-08	11.65421126

XRCC1	NM_006297	67.03989941	0.132998237	1.14E-10	504.0660757
RAPH1	NM_203365	72.48906239	0.371074659	6.74E-09	195.3489969
MRPL16	NM_017840	130.9575332	12.68164889	8.43E-10	10.32653832
KLHL23	NM_144711	100.5302455	0.140164678	3.13E-16	717.2295265
HYOU1	NM_006389	115.0810825	4.405457666	1.16E-10	26.12238983
LOC100506746	NR_038841	38.73359358	1.938953826	0.000339663	19.97654254
TFB1M	NM_016020	138.2033481	1.11141224	3.22E-15	124.3493126
CIR1	NM_004882	44.4478793	0.021463829	3.78E-08	2070.82715
NUP133	NM_018230	135.3462052	1.386069595	2.78E-14	97.64748159
C5orf22	NM_018356	123.6525111	1.690492468	2.20E-14	73.14585153
CLOCK	NM_004898	131.9588169	2.061544341	5.72E-13	64.00969133
RBM12B	NM_203390	167.3050222	7.891631895	5.34E-15	21.20030741
TNFSF9	NM_003811	193.8146761	10.40736296	6.36E-17	18.622842
FAM207A	NM_058190	79.26383906	1.401879027	1.85E-08	56.54114053
ACSL3	NM_004457	149.8970423	0.834383319	1.41E-16	179.6500947
BAG4	NM_001204878	98.99871632	3.030624155	3.81E-10	32.66611472
KPNA1	NM_002264	161.5907364	0.917873673	6.82E-18	176.0489937
AZIN2	NM_052998	95.08108251	1.338917044	3.39E-10	71.01342306
TBC1D25	NM_002536	94.55083703	0.984413099	2.03E-11	96.04792652
HMOX1	NM_002133	118.4684708	2.0263454	2.84E-13	58.4641053
APOPT1	NM_032374	58.73359358	0.670437584	8.28E-07	87.60486436
MMD	NM_012329	173.5495533	0.522591634	1.39E-24	332.094014
MIB1	NM_020774	32.22393965	0.199933198	0.000651647	161.1735316
C2orf44	NM_025203	141.3256137	1.892754767	7.64E-16	74.66662675
WIPF2	NM_133264	84.97812478	1.288175805	9.36E-09	65.96780071
HPS6	NM_024747	147.5701449	9.900794846	9.18E-12	14.90487857
MYL9	NM_006097	106.2445312	3.697292965	1.52E-10	28.73576214
C9orf142	NM_183241	120.7953682	13.97255986	3.65E-07	8.645185237
SAT1	NM_002970	94.55083703	14.25411101	1.06E-05	6.633232825
FAM206A	NM_017832	71.95881691	5.210671767	3.73E-06	13.80989249
ATP5H	NM_006356	176.1415735	10.16178272	4.72E-15	17.33372759
FAM118B	NM_024556	167.8352676	2.591170137	9.41E-18	64.77199826
DUSP12	NM_007240	162.6512274	3.849120103	1.11E-17	42.2567296
SCRIB	NM_015356	40.79536822	1.712643608	0.000679953	23.8201153
CDKAL1	NM_017774	63.91763382	0.095496546	2.40E-07	669.3188038
LOC101929567	NR_110257	100.7953682	0.721705122	1.05E-12	139.6628141
FAM72D	NM_207418	42.38610466	3.66879111	0.001991629	11.5531529
UBTD2	NM_152277	140.2651227	0.980140944	2.18E-15	143.1070946
RANBP9	NM_005493	49.10167405	1.243063259	0.000146591	39.50054329
MYO1E	NM_004998	155.8764507	1.607659425	2.43E-15	96.95862714
HABP4	NM_014282	135.0810825	1.855882856	1.37E-14	72.7853496
FAM195A	NM_138418	71.42857143	11.26446697	0.000164031	6.341052057
BLOC1S5-TXNDC5	NR_037616	80.53024548	0.612188222	4.61E-09	131.5449115
COPG1	NM_016128	123.9176338	2.868736233	4.40E-12	43.19589664
NCAPH2	NM_014551	86.24453119	1.311940288	8.64E-11	65.73815287
SIMC1	NM_198567	83.91763382	0.37664729	2.89E-10	222.8016399
SIX1	NM_005982	49.63191953	5.489244946	0.000909672	9.041666025
PLEKHN1	NM_001160184	116.4066962	6.766248403	3.33E-10	17.20402345
UBE2O	NM_022066	152.7541851	2.423813919	1.43E-15	63.02224109
COL4A3BP	NM_001130105	29.89704227	0.850915697	0.00248492	35.13514014
FAM117B	NM_173511	103.3873883	0.271796845	4.29E-13	380.3847987
TMED2	NM_006815	151.9588169	2.883331478	3.87E-17	52.70251376
SRGAP3	NM_014850	93.01930787	0.015955903	1.12E-15	5829.773989
LOC100506023	NR_037845	94.81595977	0.280728653	3.84E-11	337.7494912
TPIIIP2	NR_002187	140.7953682	8.02043486	3.57E-11	17.55458035
SLC35A5	NM_017945	83.91763382	2.904121226	1.32E-08	28.89605057
PKP2	NM_004572	154.550837	0.075130781	1.15E-24	2057.09079
MLXIP	NM_014938	120.7953682	0.731567903	4.96E-14	165.1184637
CERS5	NM_147190	49.10167405	1.55464814	1.00E-04	31.58378593
TMEM14A	NM_014051	168.1003904	1.306992697	1.83E-21	128.6161666
LOC101927415	NR_110049	44.97812478	6.799810218	0.004745339	6.614614722
PLCG1	NM_002660	80.53024548	3.383777077	7.61E-08	23.79892163
DDX11-AS1	NR_038927	89.36679679	1.265724717	3.05E-09	70.60523953
EDEM3	NM_025191	134.550837	0.969316956	6.09E-15	138.8099489

CYP2R1	NM_024514	120.5302455	5.813940683	7.63E-11	20.73124788
CFDP1	NM_006324	121.060491	1.417529312	6.67E-12	85.40246042
DHRS7B	NM_015510	116.4066962	0.966330377	8.91E-13	120.4626275
NUDT19	NM_001105570	99.5289618	3.537381806	1.71E-09	28.13633565
MCCC2	NM_022132	148.8365513	0.825095864	7.24E-17	180.3869801
MOSPD2	NM_152581	34.81595977	0.685057571	0.000341049	50.82194732
CD9	NM_001769	109.3667968	4.211998087	7.70E-10	25.9655381
FAM168B	NM_001009993	155.0810825	2.724423462	3.26E-16	56.9225323
PAPD5	NM_001040284	177.9382254	0.611075817	1.50E-22	291.188459
GNAI1	NM_002069	140.7953682	2.404295748	5.02E-14	58.55992066
PSMB4	NM_002796	90.42728775	10.09044147	4.71E-06	8.961678045
GALK1	NM_000154	136.9369417	11.80359095	1.64E-10	11.60129509
OTULIN	NM_138348	154.550837	0.754048636	9.33E-20	204.961364
MTERF2	NM_001033050	135.8764507	5.092844203	1.09E-13	26.67987579
USH1C	NM_153676	137.6731026	2.954690144	5.03E-14	46.59476828
MED10	NM_032286	75.34620525	2.9063367	6.55E-08	25.9248026
PIPF	NM_005729	103.9176338	3.895574629	3.18E-10	26.67581646
RIPK4	NM_020639	160.5302455	2.797394845	1.33E-16	57.38562283
ACVR1	NM_001111067	29.36679679	1.256481117	0.002619399	23.37225478
NEIL3	NM_018248	123.6525111	0.736559338	2.47E-14	167.8785466
RBM26-AS1	NR_038991	81.85585918	1.67467897	2.16E-09	48.8785377
RAVER1	NM_133452	81.06049096	4.981076524	3.57E-07	16.27368915
PHGDH	NM_006623	38.46847084	2.24389857	0.001841839	17.14358722
DVL3	NM_004423	29.10167405	0.698467324	0.000823879	41.66504722
TBC1D8B	NM_198881	63.38738834	0.01500155	2.31E-11	4225.389226
5-Mar	NM_017824	110.6924105	1.639326797	1.65E-11	67.52308977
INPP5B	NM_001297434	97.93822536	0.314364067	3.99E-13	311.5439574
MAD2L1	NM_002358	76.14157347	2.909050106	4.12E-08	26.174033
TOP2A	NM_001067	98.73359358	0.947542103	8.06E-12	104.1996902
SYDE2	NM_032184	38.2033481	1.679589933	0.001841839	22.74564009
FAM212B-AS1	NR_038952	36.67181894	1.473069857	0.000413933	24.89482679
CMC2	NM_020188	178.4684708	0.873820143	4.88E-23	204.2393647
LOC389906	NR_034031	120.2651227	3.967263081	1.88E-11	30.31438054
THAP9	NM_024672	104.713002	3.32002374	2.41E-10	31.53983532
DERL2	NM_016041	63.65251108	1.242795217	1.62E-07	51.21721601
NDFIP1	NM_030571	150.162165	0.449638248	4.33E-20	333.9621699
TRIM24	NM_003852	135.0810825	0.411377867	1.09E-16	328.3625428
AAAS	NM_001173466	115.3462052	2.955726214	4.84E-12	39.0246582
P4HTM	NM_177938	89.63191953	10.26133813	2.67E-06	8.734915311
LOC100506022	NR_104622	61.3256137	9.153074594	0.000877542	6.700001521
VPS37A	NM_152415	149.8970423	1.700444751	4.01E-16	88.15166868
MCIDAS	NM_001190787	78.73359358	6.480586065	7.97E-07	12.14914713
C2orf15	NM_144706	43.91763382	2.935776569	0.001166714	14.95946057
PIGF	NM_002643	95.34620525	2.391021604	1.05E-09	39.87676444
DHX9	NM_001357	141.060491	2.618010993	1.59E-14	53.88078635
DPAGT1	NM_001382	55.08108251	9.806869422	0.001628033	5.616581616
AP2B1	NM_001282	101.060491	0.611740403	1.31E-11	165.2015961
KLHL42	NM_020782	72.75418513	0.256418095	3.80E-11	283.7326483
SPINT2	NM_001166103	138.4684708	4.083713186	2.90E-13	33.90749167
MRPL13	NM_014078	244.1827566	0.980104762	1.90E-30	249.1394451
NCAPD2	NM_014865	61.59073644	3.155195417	4.84E-06	19.52041896
TIAL1	NM_001033925	196.4066962	2.591287879	5.79E-22	75.79501211
METTL3	NM_019852	133.2844306	5.880593039	1.43E-12	22.66513423
EPHB4	NM_004444	54.81595977	2.081545061	2.01E-05	26.33426524
APC	NM_001127511	126.7747767	0.757750305	1.98E-14	167.3041578
FAU	NM_001997	92.75418513	19.87360678	0.00035245	4.667204407
CETN4P	NR_024041	47.30502215	2.183393309	5.57E-05	21.6658272
RAB14	NM_016322	35.61132799	2.119918482	0.003131679	16.79844215
CTCF	NM_001191022	43.91763382	1.677973759	0.000590202	26.17301586
KDM5B	NM_006618	84.71300204	0.872564303	4.58E-10	97.08511075
CTSO	NM_001334	72.48906239	1.173054968	9.73E-08	61.79511137
ICAM5	NM_003259	92.75418513	17.21609502	3.64E-05	5.387643658
ABT1	NM_013375	60.05920728	6.238563753	0.000111218	9.627088807
TP53BP2	NM_001031685	60.79536822	1.134636393	6.76E-06	53.58136632

WHAMMP2	NR_026589	78.46847084	1.338133268	9.34E-09	58.64025111
SNED1	NM_001080437	34.55083703	0.437254593	0.000397555	79.01766513
IPMK	NM_152230	78.73359358	0.60089788	9.54E-10	131.0265791
C9orf40	NM_017998	124.1827566	7.374392156	1.62E-10	16.83972779
TMEM54	NM_033504	58.2033481	1.844219306	5.52E-06	31.55988439
CDCP1	NM_022842	156.4066962	4.114602678	1.58E-14	38.01258796
SAAL1	NM_138421	90.42728775	2.640609861	1.39E-09	34.24484968
HSD17B12	NM_016142	101.3256137	0.465842441	1.21E-11	217.5104817
TM9SF3	NM_020123	123.3873883	1.298473783	5.38E-13	95.02493616
PIH1D1	NM_017916	68.10039037	7.536769809	4.57E-05	9.035752995
MBOAT2	NM_138799	48.57142857	0.124756946	2.30E-06	389.3284498
RYK	NM_002958	46.77477667	0.524468425	1.93E-05	89.18511478
NICN1	NM_032316	67.03989941	10.64681674	0.00054945	6.296708308
RAB1B	NM_030981	55.61132799	5.971048147	0.00048885	9.313495154
HARBI1	NM_173811	101.3256137	2.900398422	2.98E-10	34.93506717
STAG3L5P-PVRIG2P-PILRB	NR_036569	203.1222656	8.415348618	2.32E-17	24.13711836
DDX58	NM_014314	61.85585918	1.103293766	2.86E-07	56.06472284
UBE2Z	NM_023079	200.7953682	10.21034558	1.47E-16	19.66587385
PKN3	NM_013355	77.20206442	6.285250468	5.34E-06	12.28305297
DDX5	NM_004396	178.4684708	12.26309898	6.20E-14	14.55329286
BMS1	NM_014753	197.9382254	1.589465851	3.12E-22	124.5312853
COQ6	NM_182476	152.7541851	4.232829879	2.48E-15	36.08795758
STAG3L1	NR_040583	315.8764507	14.42563981	8.10E-28	21.89687631
ABHD17B	NM_001025780	136.6718189	0.541899943	2.37E-17	252.208587
RBM14-RBM4	NM_001198846	187.3050222	8.556292589	5.97E-16	21.89090897
ZNF500	NM_021646	98.2033481	3.126747241	1.31E-09	31.40751092
PRPF31	NM_015629	75.34620525	3.049882409	6.57E-07	24.70462632
HEATR5A	NM_015473	191.9588169	0.219768645	1.37E-26	873.4586176
HNRNPM	NM_005968	102.3861047	3.509819644	2.97E-09	29.17132932
PIGW	NM_178517	132.2239396	8.066292811	4.86E-11	16.39215718
LRRCC1	NM_033402	113.5495533	0.1192187	8.18E-19	952.4475059
TBC1D32	NR_104452	87.57014489	0.447314222	4.91E-10	195.7687474
ERLIN1	NM_001100626	154.6100443	0.825658014	1.93E-19	187.2567598
PROSER3	NM_001039887	75.34620525	2.549351169	1.89E-07	29.55505157
TAF13	NM_005645	124.1827566	2.658876261	9.10E-14	46.70497774
ITGB1BP1	NM_022334	123.1222656	5.089464999	4.72E-11	24.19159295
CNTNAP3	NM_033655	29.10167405	0.667309431	0.002554847	43.61046422
ABHD5	NM_016006	189.3667968	0.9146125	1.63E-24	207.0459312
FBXL12	NM_017703	203.9176338	0.750717349	9.52E-30	271.6303735
TTC7A	NM_001288953	98.99871632	3.110715537	1.82E-09	31.82506248
ARHGAP42	NM_152432	55.34620525	0.715865429	5.01E-06	77.31370028
TICAM1	NM_182919	91.22265597	4.309034411	1.25E-08	21.17009225
CYR61	NM_001554	195.3462052	7.348673045	3.98E-18	26.58251416
SUPV3L1	NM_003171	66.50965393	1.485339963	7.03E-07	44.77739479
PRPF40B	NM_001031698	37.40797988	2.186455029	0.001495598	17.10896377
MNX1-AS1	NR_038835	141.5907364	10.41706455	4.00E-11	13.59219153
POLR3A	NM_007055	58.73359358	2.390501258	1.02E-05	24.56957234
BMS1P4	NR_026592	217.6731026	1.768682465	2.90E-26	123.0707642
SAP18	NM_005870	122.6512274	5.837177596	4.02E-11	21.01207739
ELK3	NM_005230	37.14285714	2.603554869	0.002358832	14.26620871
TMEM80	NM_174940	75.08108251	10.62844628	0.000109907	7.064163524
VTI1B	NM_006370	63.91763382	3.907378348	2.52E-05	16.35818908
MRPL1	NM_020236	84.97812478	0.346758023	5.73E-11	245.0646249
OVCA2	NM_080822	99.26383906	16.97272417	6.50E-05	5.848432938
APOOL	NM_198450	31.42857143	0.489211264	0.000885111	64.24335197
NFATC2IP	NM_032815	92.75418513	4.068299043	1.06E-08	22.79925447
ABHD17C	NM_021214	106.2445312	1.654816207	6.92E-11	64.20322134
CCDC92	NM_025140	37.40797988	1.785596067	0.001755036	20.94985566
PAPOLG	NM_022894	109.3667968	0.471711135	6.73E-15	231.8512089
TMEM5	NM_014254	172.2239396	1.463801275	1.03E-20	117.6552737
STARD7	NM_020151	216.6718189	6.925215922	1.24E-20	31.28737377
TTC3	NM_001001894	201.060491	1.276404796	6.02E-21	157.5209461
LASP1	NR_073384	135.0810825	5.62047799	4.07E-12	24.0337357
DUS1L	NM_022156	88.83655131	17.605084	7.65E-05	5.046073697

KIAA0753	NM_014804	35.34620525	0.939497152	0.000472894	37.62247194
KHK	NM_006488	91.95881691	3.308453701	4.94E-09	27.79510467
TTC27	NM_001193509	51.95881691	0.164357975	2.34E-06	316.1320096
GNG7	NM_052847	97.67310262	1.01277825	1.09E-10	96.4407585
SDAD1	NM_001288984	92.75418513	3.197143231	4.44E-09	29.01158267
PIAS4	NM_015897	51.69369417	1.96560957	4.84E-05	26.29906516
SFT2D2	NM_199344	117.9382254	5.77300407	2.44E-10	20.4292642
C10orf25	NM_001039380	54.55083703	2.458114908	2.37E-05	22.19214279
ZNF267	NM_001265588	112.7541851	0.052284957	1.08E-19	2156.532025
NOL7	NM_016167	156.1415735	4.323061125	1.86E-16	36.11828955
HS3ST1	NM_005114	141.060491	7.403269544	5.66E-12	19.05380996
GNB1L	NM_053004	170.162165	3.279323237	2.32E-17	51.8894152
PDXK	NM_003681	161.060491	3.430458886	1.76E-15	46.95013009
NCLN	NM_020170	87.03989941	3.245178248	7.08E-08	26.82130002
FAM3C	NM_001040020	121.060491	2.154649999	1.71E-12	56.18568725
ZNF425	NM_001001661	147.0398994	3.253780184	7.05E-15	45.1904834
MTMR6	NM_004685	98.73359358	0.207461236	2.95E-15	475.9134547
MSX2	NM_002449	158.9987163	5.071773277	5.03E-16	31.34972871
MRFAP1L1	NM_203462	55.87645073	10.34236384	0.002328911	5.402676948
GRPEL1	NM_025196	118.2033481	8.784369314	3.10E-09	13.45609957
ANXA3	NM_005139	97.93822536	3.186729292	1.68E-09	30.73314875
P2RY2	NM_176072	74.07979883	3.647234802	1.52E-06	20.31122284
LANCL1	NM_001136574	135.8764507	0.94411587	4.72E-16	143.9192529
TBX18	NM_001080508	24.18275656	0.389986875	0.004865016	62.00915488
ARL3	NM_004311	70.16216501	3.059311111	6.17E-07	22.93397515
KATNBL1	NM_024713	124.4478793	0.12597028	1.59E-19	987.9146016
FOXD1	NM_004472	60.53024548	6.441420062	0.000215071	9.397034334
TIMM22	NM_013337	129.6319195	5.730896956	3.76E-12	22.61983081
ANTXR1	NM_053034	69.36679679	0.174075025	9.70E-09	398.487933
SCPEP1	NM_021626	138.4684708	3.477783339	1.88E-13	39.8151516
UQCRFS1	NM_006003	59.26383906	3.833558107	3.96E-05	15.45922545
AUNIP	NM_001287490	135.3462052	2.608728995	1.06E-14	51.88204888
YWHAH	NM_003405	120.5302455	7.465503471	7.26E-10	16.14495874
TLR5	NM_003268	95.87645073	0.973751009	3.58E-11	98.46095131
ATP6V0E2-AS1	NR_027040	44.18275656	0.622097432	1.23E-05	71.02224549
GTF2F2	NM_004128	81.85585918	0.433593461	1.04E-09	188.7848102
POP4	NR_027368	52.22393965	1.123432174	4.97E-06	46.48606374
UGCG	NM_003358	131.6936942	2.656965878	6.47E-14	49.56544428
TPMT	NM_000367	79.79408454	0.816651994	2.11E-09	97.70879781
RPL13AP5	NR_026712	183.9176338	34.52873083	4.58E-09	5.326510108
SHISA4	NR_030775	121.060491	10.95623216	5.13E-09	11.04946383
MIS18A	NM_018944	69.36679679	1.640434141	4.08E-08	42.28563347
MLLT4-AS1	NR_027906	77.40797988	11.17967692	0.000113798	6.923990776
CFAP20	NM_013242	83.91763382	3.820765551	9.45E-08	21.96356534
GPRC5A	NM_003979	77.93822536	6.803771644	6.82E-06	11.45515009
MGA	NM_001164273	76.40669621	0.236239674	5.23E-10	323.4287242
ERP29	NM_006817	101.060491	11.11500328	4.83E-07	9.092259211
FAM71E1	NM_138411	154.3449216	1.639682507	5.82E-20	94.13098019
C11orf58	NM_014267	61.85585918	0.922761845	2.96E-07	67.0333949
LINC00612	NR_034140	153.8146761	2.753435998	1.24E-17	55.86281148
CLCC1	NM_001048210	155.0810825	0.803355072	1.20E-19	193.0417669
CDR2L	NM_014603	234.0797988	4.224883047	5.90E-25	55.40503635
LRP4-AS1	NR_038909	105.2432475	3.184615848	5.29E-10	33.04739175
C19orf44	NM_032207	35.08108251	3.753561703	0.003862317	9.346078546
ERCC6-PGBD3	NM_001277058	126.5096539	1.940862483	2.15E-14	65.1821832
2-Mar	NM_017898	132.4890624	3.181153068	1.25E-12	41.64812556
TMEM2	NM_013390	180.5302455	1.532002525	4.34E-19	117.8393916
IL15	NM_172175	39.26383906	0.658193246	0.000108862	59.65396835
FUT10	NM_032664	147.0398994	0.838832236	3.76E-17	175.2911882
MAGEA3	NM_005362	45.71428571	1.639870555	4.36E-05	27.87676477
RSPRY1	NM_133368	118.4684708	2.103415947	4.37E-12	56.32194194
POLE4	NM_019896	120.2651227	2.042065984	5.02E-14	58.89384755
LOC101927746	NR_110115	175.3462052	11.40017371	1.16E-13	15.38101171
SPR	NM_003124	120.0592073	3.33677672	5.17E-13	35.98059366

SDHAF2	NM_017841	129.8970423	2.786554231	1.12E-13	46.61565198
MAOB	NM_000898	68.57142857	0.458667943	3.50E-08	149.5012452
CSRNP1	NM_033027	101.8558592	5.743992224	4.02E-09	17.73259002
ITFG1	NM_030790	121.8558592	0.041864047	3.41E-18	2910.751996
CDK2AP2	NR_073484	110.162165	11.3647686	2.76E-07	9.693304715
PPRC1	NM_001288727	143.9176338	9.383140606	9.44E-12	15.3378959
GPRIN1	NM_052899	68.57142857	4.927662697	4.72E-06	13.91560924
ZNF449	NM_152695	49.10167405	0.202951594	1.09E-07	241.9378582
TMEM97	NM_014573	64.71300204	3.784271004	3.67E-06	17.10052001
AAMP	NM_001087	130.4272878	8.163504435	1.95E-11	15.97687473
NOL11	NM_015462	111.4877787	1.445965262	6.71E-13	77.10266743
STK35	NM_080836	127.3050222	4.16629476	8.36E-12	30.55593266
WASH7P	NR_024540	46.50965393	1.96896056	0.000109248	23.62142486
SIK2	NM_015191	66.24453119	1.238081882	2.46E-07	53.50577548
TRMT6	NM_001281467	106.5096539	2.282670913	1.46E-11	46.66010038
PTPLB	NM_198402	123.6525111	1.141007164	8.17E-13	108.3713713
PHC3	NM_024947	78.99871632	0.547131667	1.20E-09	144.3870298
RPS6	NM_001010	132.7541851	12.44912629	1.66E-09	10.66373511
MPV17	NM_002437	89.89704227	3.674884746	1.35E-08	24.4625474
GCA	NM_012198	81.85585918	1.554492823	1.76E-09	52.65759866
PWP1	NM_007062	82.12098192	2.336665403	1.24E-08	35.14451912
TMEM192	NM_001100389	122.3861047	2.251266281	4.19E-13	54.36322912
C1orf145	NR_073154	71.42857143	5.637803187	7.61E-06	12.6695752
C9orf3	NM_032823	118.4684708	0.550129418	7.31E-13	215.3465475
VPS18	NM_020857	58.46847084	2.965228118	2.53E-05	19.71803467
PFN2	NM_002628	72.22393965	7.827968658	2.72E-05	9.226396119
B2M	NM_004048	161.8558592	1.697321265	2.58E-20	95.35958954
ANKRD13D	NR_030767	51.95881691	2.23074733	2.22E-05	23.29211211
POLR2C	NM_032940	89.89704227	7.360968384	8.03E-07	12.21266518
SUGP1	NM_172231	109.3667968	1.794258433	1.83E-11	60.95375938
CDC123	NM_006023	103.9176338	2.987494543	3.43E-10	34.78420874
STRIP2	NM_020704	146.5096539	1.047273042	1.30E-16	139.8963288
ZNF554	NM_001102651	123.3873883	4.170877631	2.75E-12	29.58307561
KCTD21-AS1	NR_102281	52.75418513	1.097253903	3.02E-05	48.07837548
GJB2	NM_004004	108.8365513	14.20950909	4.82E-07	7.659416709
DDX18	NM_006773	44.18275656	0.974847048	0.000128496	45.3227577
CEP85L	NM_206921	86.77477667	0.735074686	1.09E-09	118.0489253
EME2	NM_001257370	118.4684708	13.14351491	9.97E-08	9.013454291
ELAC1	NM_018696	138.7335936	1.728468669	5.46E-17	80.26387522
SGTA	NM_003021	110.4272878	1.967254058	3.09E-12	56.13270299
LIN9	NM_001270409	61.3256137	0.781996585	4.71E-07	78.42184333
DDIAS	NM_145018	67.30502215	1.056523206	2.23E-07	63.70425351
PCSK4	NM_017573	47.57014489	1.749435147	1.87E-05	27.1917167
VSNL1	NM_003385	51.95881691	1.035945509	7.91E-06	50.15593623
GOLGA3	NM_001172557	69.89704227	1.397454889	5.86E-07	50.0173872
ZNFX1	NM_021035	107.0398994	3.672459893	9.51E-10	29.14664899
PPAPDC2	NM_203453	138.2033481	11.56436695	2.68E-10	11.95079235
ARIH1	NM_005744	152.4890624	1.271423748	1.12E-15	119.9356726
GDE1	NM_016641	141.8558592	2.567312136	2.88E-15	55.25462105
FOSL2	NM_005253	118.2033481	1.150955093	1.91E-14	102.700226
MAP4K5	NM_006575	84.71300204	0.64100863	4.97E-10	132.1557902
GINS3	NM_001126130	64.4478793	1.14062926	7.49E-08	56.50203933
RRAGD	NM_021244	52.48906239	0.544955583	1.72E-06	96.31805602
FUCA1	NM_000147	90.42728775	2.165385655	6.89E-10	41.76036151
TRUB1	NM_139169	99.79408454	0.545228116	1.26E-13	183.031802
MFN1	NM_033540	77.67310262	1.07140997	3.64E-08	72.49615443
TOR1A	NM_000113	129.3667968	6.134708265	4.28E-12	21.08768522
KITLG	NM_003994	124.1827566	9.356307978	8.81E-10	13.27262386
GANC	NM_198141	40.79536822	0.521434062	8.10E-05	78.23686869
ITGA5	NM_002205	153.0193079	3.222722862	6.36E-16	47.48137349
NANP	NM_152667	149.1016741	3.381369513	7.25E-16	44.09505482
TRA2B	NM_004593	154.550837	7.512065677	1.10E-13	20.57368022
ABCB6	NM_005689	137.6731026	7.483718712	2.86E-12	18.39634918
TAF9	NM_003187	141.060491	3.784023607	8.61E-15	37.27790986

ABCE1	NM_002940	67.57014489	3.002696275	9.67E-07	22.50315673
KCNMB4	NM_014505	31.95881691	0.126774471	0.000238767	252.0918968
MZT2A	NM_001085365	83.1222656	10.18540319	1.64E-05	8.160920491
GPR180	NM_180989	187.3050222	0.539737999	2.94E-26	347.0295266
TP53INP1	NM_001135733	66.50965393	0.573710768	5.11E-08	115.9288924
SNAP29	NM_004782	129.6319195	0.663742243	1.62E-16	195.3046094
METTL8	NM_024770	152.2239396	0.907865188	1.73E-17	167.6724051
FER	NM_005246	43.1222656	0.264823723	6.86E-05	162.8338469
HPS3	NM_032383	144.713002	1.960639022	8.95E-16	73.80910022
CDK11A	NM_024011	78.2033481	0.546517601	7.75E-10	143.093924
RAD23A	NR_072976	46.24453119	6.346753326	0.003212944	7.286328745
RAB11B-AS1	NR_038237	77.93822536	4.353634415	5.56E-07	17.90187644
MTAP	NM_002451	175.3462052	9.632283843	7.19E-14	18.20401144
GGA2	NM_015044	121.3256137	2.681732784	2.80E-12	45.24149998
SIRT4	NM_012240	58.99871632	3.121728427	1.58E-05	18.89937504
1-Mar	NM_022746	44.18275656	3.369191119	0.000523591	13.11375787
C12orf75	NM_001145199	88.83655131	1.414821473	2.14E-09	62.78993711
PARGP1	NR_029388	78.2033481	0.230094251	5.82E-10	339.8752801
LOC100506083	NR_039997	58.46847084	3.475695085	1.82E-05	16.8220944
MTERF3	NM_001286643	246.5096539	3.161356602	5.96E-28	77.97590875
TBK1	NM_013254	127.3050222	0.681719788	2.14E-15	186.7409814
NUDT6	NM_007083	69.36679679	1.098716679	1.98E-07	63.13438043
PLOD1	NM_000302	130.162165	3.874575319	2.79E-12	33.59391786
ZNF282	NM_003575	158.2033481	0.261737337	1.23E-23	604.4355374
RITA1	NM_032848	137.6731026	4.568541962	7.28E-14	30.13501983
AIFM2	NM_001198696	115.611328	4.079910837	4.80E-11	28.33672906
ZNF365	NM_199451	60.53024548	0.403833462	8.90E-07	149.8891281
ASCC3	NM_022091	130.6924105	2.667604847	2.15E-13	48.99241754
MFSD9	NM_032718	177.9382254	0.664829682	1.56E-25	267.6448272
TADA1	NM_053053	35.61132799	3.551678766	0.003555657	10.02661849
FA2H	NM_024306	50.16216501	1.12107675	5.47E-06	44.74463057
INTS3	NM_023015	103.1222656	0.809290772	9.30E-12	127.4230093
STAG3L3	NR_040582	131.9588169	3.511011166	4.77E-14	37.5842772
COG1	NM_018714	176.1415735	9.049687087	1.33E-15	19.46383027
CCDC176	NM_025057	58.2033481	1.464002036	1.27E-05	39.75633002
LINC00893	NR_027455	28.83655131	0.210893089	0.000178833	136.7354023
LOC389641	NR_033928	151.4877787	5.449410181	4.88E-15	27.7989312
BLM	NM_001287246	95.34620525	0.079452475	1.59E-14	1200.040719
GAS6-AS2	NR_044993	47.03989941	3.265815631	0.000443059	14.40372168
MEIG1	NM_001080836	183.1222656	6.882906542	4.48E-17	26.6053686
PIGH	NM_004569	149.8970423	2.59428284	1.63E-16	57.77976092
SUGP2	NM_014884	118.2033481	3.945979187	1.04E-10	29.95539066
VPRBP	NM_001171904	55.08108251	0.985143538	3.39E-06	55.91173306
ALG14	NM_144988	37.93822536	0.222622431	9.53E-05	170.4151067
KIAA2018	NM_001009899	60.26512274	2.05657659	8.55E-06	29.30361214
ABCA11P	NR_002451	146.7747767	1.325909646	2.47E-16	110.6974198
AK7	NM_152327	63.38738834	1.164433105	4.06E-07	54.43626436
PMM1	NM_002676	103.9176338	1.790295136	1.64E-11	58.04497356
PKN2-AS1	NR_110682	35.61132799	0.315965785	0.000423115	112.7062791
RND3	NM_001254738	101.3256137	6.672495173	2.94E-08	15.18556568
COX6B1	NM_001863	63.91763382	5.579248668	7.31E-05	11.45631565
EEPDI	NM_030636	125.9794085	0.795021888	2.73E-14	158.4603019
MND1	NM_032117	93.01930787	0.741402491	1.94E-11	125.4639807
ENDOG	NM_004435	120.7953682	15.78319999	2.36E-07	7.653414283
EEF2K	NM_013302	118.2033481	1.13638449	2.87E-12	104.0170375
LSM11	NM_173491	50.16216501	2.249450162	2.22E-05	22.299745
PTPN21	NM_007039	34.55083703	0.925359619	0.000537701	37.33774017
PDLIM1	NM_020992	61.3256137	1.110572119	5.26E-06	55.21983907
C12orf73	NM_001135570	107.3050222	5.283802416	7.22E-10	20.30829575
NUFIP1	NM_012345	60.79536822	1.91971849	8.34E-06	31.66889757
TMEM203	NM_053045	56.93694168	1.478772255	1.62E-05	38.50284688
KCNK5	NM_003740	141.8558592	2.707186393	4.65E-15	52.39973855
WEE2-AS1	NR_015392	35.34620525	1.491615974	0.003131679	23.69658535
NEK8	NM_178170	47.03989941	2.789613772	0.000144022	16.86251333

LOC100132057	NR_111930	164.713002	5.160035912	4.64E-16	31.92090227
POLQ	NM_199420	90.16216501	1.097495512	2.66E-10	82.15265029
C12orf29	NM_001009894	158.9987163	5.327975139	1.35E-15	29.84224066
NPAT	NM_002519	84.97812478	1.145222046	8.00E-09	74.20231308
YBEY	NM_001006114	120.7953682	4.40164397	4.98E-12	27.44323917
PRPF4	NM_004697	169.6319195	3.612099197	3.33E-18	46.96214315
ZNF574	NM_022752	101.060491	4.897531246	2.70E-09	20.63498646
DPY19L2P3	NR_036482	111.9588169	9.470282156	1.12E-08	11.82212051
UACA	NM_018003	127.8352676	0.167351725	2.68E-18	763.8718272
LMO4	NM_006769	49.10167405	8.167824082	0.002973092	6.011597894
ZNF658	NM_033160	104.713002	0.629440149	4.28E-14	166.3589497
MAN2B2	NM_015274	118.4684708	1.476323908	1.20E-12	80.24558175
MIR31HG	NR_027054	135.0810825	7.015751241	7.20E-11	19.25397265
NUP155	NM_001278312	49.63191953	1.769359055	0.000160826	28.05079013
RBX1	NM_014248	112.2239396	4.927509954	1.78E-10	22.7749798
RHEB	NM_005614	68.10039037	2.359749907	1.27E-06	28.85915587
PLIN2	NM_001122	35.61132799	2.934387072	0.002576274	12.13586589
GALNT6	NM_007210	73.28443061	1.948929356	1.72E-07	37.60240482
RAB4A	NM_001271998	98.46847084	2.649742498	5.62E-10	37.16152454
METTL10	NM_212554	204.1827566	1.183726783	1.56E-25	172.4914563
ACTL6A	NM_178042	129.1016741	3.33664389	1.10E-12	38.69207452
METTL16	NM_024086	78.2033481	1.333429801	1.53E-07	58.64826782
BCR	NM_021574	61.3256137	2.481001228	1.53E-05	24.71809083
LOC283335	NR_033854	183.3873883	26.10712151	1.18E-10	7.024420071
SCLY	NM_016510	58.46847084	2.697491106	1.78E-05	21.67513016
EIF2B5	NM_003907	115.3462052	5.761114427	1.30E-10	20.02150916
LINC00263	NR_026762	141.3256137	5.741550582	4.17E-13	24.61453778
LOC100507373	NR_045214	110.4272878	6.176652708	3.92E-09	17.87817657
CDH15	NM_004933	57.67310262	4.466183443	0.000104208	12.91328566
NSMCE1	NM_145080	75.61132799	1.285636395	1.07E-07	58.81237359
C21orf59	NM_021254	184.9781248	4.793143851	6.64E-19	38.5922331
SYNJ2	NM_003898	120.7953682	1.814353	7.41E-12	66.57765506
CLDN3	NM_001306	60.79536822	1.98142815	2.28E-05	30.68260044
PRH1	NM_001291315	135.0810825	0.428407231	3.13E-15	315.3099967
FEM1C	NM_020177	75.08108251	1.901924551	7.17E-08	39.47637275
PXMP2	NM_018663	60.53024548	2.912149867	4.32E-06	20.78541567
NBEAL2	NM_015175	55.34620525	5.3030441	0.000240621	10.43668584
CXCL16	NM_001100812	108.8365513	11.72720108	8.14E-08	9.280692858
SNX30	NM_001012994	46.77477667	0.482386572	2.28E-05	96.96533723
ATP5G1	NM_001002027	128.3655131	17.27115309	4.86E-08	7.432364965
ARHGAP31-AS1	NR_046748	41.59073644	0.64388066	1.82E-05	64.59385883
SLC39A13	NM_152264	72.22393965	11.78923474	0.000206007	6.126261904
C8orf44	NM_019607	67.57014489	3.296933644	2.51E-06	20.49484527
HEXA-AS1	NR_027262	86.77477667	6.372310761	7.36E-07	13.61747409
LRRC8C	NM_032270	109.1016741	0.547443956	1.97E-13	199.2928645
FIG4	NM_014845	118.2033481	0.606816203	9.91E-14	194.7926694
MYEOV2	NM_138336	92.48906239	0.124061596	2.66E-15	745.5092113
ARRB1	NM_020251	73.01930787	3.140870124	5.38E-07	23.24811437
WDR43	NM_015131	98.46847084	1.675044379	5.38E-10	58.78558926
SPTSSA	NM_138288	112.2239396	3.238079814	1.38E-10	34.65755822
CNIH1	NM_005776	70.42728775	2.328222285	8.57E-08	30.24938306
PPM1D	NM_003620	137.4671872	1.556656744	1.74E-14	88.30924845
TALDO1	NM_006755	87.03989941	8.371784655	9.55E-07	10.39681537
COMMD7	NM_053041	35.34620525	1.227784236	0.003131679	28.78861302
EXOSC9	NM_001034194	53.81467609	2.614216641	1.53E-05	20.58539268
JAGN1	NM_032492	157.4079799	7.014010437	9.15E-15	22.44193693
UTP6	NM_018428	129.6319195	0.377287711	1.65E-17	343.5890319
RAB21	NM_014999	80.26512274	1.25575518	1.08E-08	63.91781138
DNAJA2	NM_005880	109.6319195	2.888265032	5.84E-11	37.95770759
SF3B2	NM_006842	90.16216501	4.1419529	1.25E-08	21.76803242
RCN1	NM_002901	92.75418513	6.934608258	1.61E-07	13.37554793
RTKN2	NM_145307	95.87645073	0.167798874	4.31E-14	571.3772003
CISD2	NM_001008388	209.6319195	4.234557217	8.10E-21	49.50503885
TDRD3	NM_001146071	148.8365513	0.101290454	2.12E-21	1469.40353

MCOLN1	NM_020533	98.2033481	6.189018185	1.96E-08	15.86735491
AKR7A2	NM_003689	206.5096539	6.501809362	3.96E-20	31.76187465
PNKP	NM_007254	115.611328	14.53717177	1.87E-07	7.95280745
ANKRD36	NM_001164315	113.8146761	0.217737498	8.05E-15	522.7150915
HSF1	NM_005526	169.8970423	5.668353805	1.19E-15	29.97290715
ACAT1	NM_000019	120.7953682	5.805206889	3.28E-10	20.80810737
SVIP	NM_148893	157.6731026	0.439497416	2.08E-23	358.7577466
LRP10	NM_014045	135.3462052	7.805171187	8.82E-12	17.34058126
DICER1-AS1	NR_015415	95.34620525	0.79026569	7.41E-12	120.6508222
DEAF1	NM_021008	35.08108251	3.232494198	0.004334065	10.85263588
DNAJC25	NR_037148	241.3256137	0.880740617	1.13E-32	274.003048
ERV3-1	NM_001007253	157.6731026	2.838363514	2.01E-17	55.55070795
POLR1D	NM_152705	134.8159598	1.655749631	1.30E-14	81.42291398
ZNF664	NM_001204298	60.53024548	3.512599977	1.10E-05	17.23231961
PGLS	NM_012088	112.7541851	5.576929849	2.01E-10	20.21796727
HP1BP3	NM_016287	124.1827566	1.760066682	3.44E-13	70.55571121
PIGX	NM_017861	143.1222656	2.294285135	3.44E-15	62.38207423
SNX18	NM_001145427	121.8558592	0.631804032	5.09E-16	192.8697081
RPF1	NM_025065	47.30502215	4.811414803	0.000675875	9.831832026
INSIG2	NM_016133	74.55083703	0.659002873	3.45E-09	113.1267254
GDAP1	NM_018972	168.3655131	0.503765009	1.39E-25	334.2143859
LOC100130950	NR_034082	32.48906239	0.938749375	0.000855517	34.6088778
EREG	NM_001432	167.0398994	13.16114491	1.06E-12	12.69189729
SLX4	NM_032444	127.5701449	0.552227284	4.97E-17	231.0102173
TMEM181	NM_020823	38.2033481	2.377756558	0.002429763	16.06697203
TRIM56	NM_030961	66.77477667	8.141497552	8.83E-05	8.201780599
PLEKHM1P	NR_024386	175.8764507	3.387914943	4.02E-17	51.91288851
NGDN	NM_015514	35.87645073	0.31175948	6.63E-05	115.0773369
C12orf5	NM_020375	127.0398994	0.577213201	5.60E-16	220.091812
TIA1	NM_022037	115.0810825	2.462467152	6.67E-12	46.73405792
DRG1	NM_004147	127.0398994	2.694753757	2.83E-13	47.14341675
CDR2	NM_001802	132.2239396	1.148689402	7.36E-16	115.1085223
LOC645513	NR_037630	42.12098192	1.480378184	0.000446323	28.45285238
NAGPA	NM_016256	52.75418513	0.512257237	7.90E-07	102.9837772
NANS	NM_018946	165.9794085	2.28738487	7.03E-18	72.56295634
ZNF391	NM_001076781	50.42728775	2.167015944	2.00E-05	23.27038151
ZNF624	NM_020787	93.01930787	0.549809444	9.31E-12	169.1846308
TTC21A	NM_001105513	69.36679679	0.855744705	1.18E-07	81.06015309
UBE2S	NM_014501	181.3256137	20.85963835	8.53E-12	8.692653759
AMDHD1	NM_152435	86.77477667	1.802632173	2.75E-09	48.13781646
ANKIB1	NM_019004	46.50965393	0.468976067	2.61E-05	99.17276649
LAPTM4B	NM_018407	213.2844306	1.547883656	2.19E-23	137.790996
IL10RB	NM_000628	101.060491	2.580301975	1.94E-10	39.16614875
BNIP2	NM_004330	60.79536822	2.243957714	5.26E-06	27.09292062
DHX30	NM_138615	133.0193079	5.991461783	3.90E-12	22.20147815
ATP6V1C1	NM_001695	115.611328	2.343264011	1.14E-11	49.33773037
C11orf91	NM_001166692	46.50965393	3.956702837	0.000530464	11.75464923
C2orf47	NM_024520	175.3462052	10.19425628	1.59E-14	17.20049021
EFNA1	NM_182685	132.4890624	10.6843097	4.55E-10	12.40033901
AP1M2	NM_005498	34.87516705	2.667281816	0.002741311	13.07517145
ZSCAN25	NM_145115	118.4684708	2.440915235	1.36E-12	48.5344469
TIMM44	NM_006351	60.79536822	4.627485883	4.32E-05	13.13788302
FAM199X	NM_207318	114.550837	0.44779105	1.96E-15	255.8131456
DEPDC4	NM_152317	103.6525111	2.577577262	9.89E-11	40.21315389
GEMIN4	NM_015721	146.5096539	9.694125992	1.25E-11	15.11324013
STX16-NPEPL1	NR_037945	138.7335936	2.140340359	2.01E-14	64.81847293
SKIV2L2	NM_015360	64.4478793	0.655926229	1.31E-07	98.25476783
GFM1	NM_024996	84.71300204	0.355508509	7.35E-12	238.2868477
SLC30A3	NM_003459	181.8558592	5.443219062	6.67E-19	33.40961609
C22orf23	NM_032561	50.16216501	6.063344324	0.001081834	8.273019366
INO80B-WBP1	NR_037849	132.2239396	28.00074067	3.10E-06	4.722158646
LRRC29	NM_001004055	30.42728775	1.46173803	0.004835826	20.81582823
EIF2D	NM_006893	121.3256137	1.576251271	2.82E-14	76.97098549
PCNP	NM_020357	101.3256137	2.170631071	3.65E-11	46.68025583

ACO2	NM_001098	72.75418513	5.351033465	7.24E-06	13.5962867
PGBD2	NM_170725	154.8159598	3.922419781	7.11E-16	39.46950311
RIC8B	NM_018157	161.060491	1.060984801	6.68E-17	151.8028259
ORAI1	NM_032790	113.0193079	5.2969389	3.29E-10	21.33672107
FNDC3A	NR_103528	97.67310262	0.123946321	1.19E-12	788.027444
TMEM50A	NM_014313	141.5907364	1.015282975	2.69E-18	139.4593822
HAUS3	NM_024511	126.2445312	1.027633218	4.63E-17	122.849796
PPIH	NM_006347	87.03989941	3.325926226	4.57E-08	26.1701233
BMPR1A	NM_004329	88.57142857	0.758797818	5.79E-10	116.7259927
GPATCH1	NM_018025	58.46847084	2.239243498	1.85E-05	26.11081416
PANK4	NM_018216	43.1222656	0.827298978	0.000108466	52.12416157
RSF1	NM_016578	76.14157347	0.662059351	8.70E-09	115.0071718
C1orf106	NM_018265	46.77477667	2.215991818	0.000190276	21.10782914
CCDC24	NM_152499	75.61132799	12.70703617	0.000216234	5.950351204
PINX1	NM_017884	98.99871632	0.388930246	4.67E-13	254.5410578
WDFY2	NM_052950	89.89704227	0.352694173	1.63E-10	254.8866668
DNAJC13	NM_015268	87.30502215	0.23058819	1.66E-11	378.6187934
LINC01144	NR_024270	157.4079799	8.033941784	6.85E-13	19.59287036
IPO5P1	NR_103742	41.06049096	2.102055254	0.00066831	19.53349745
CIB1	NM_001277764	91.95881691	14.9518187	3.56E-05	6.150343231
EMC7	NM_020154	101.060491	0.795234548	4.50E-13	127.0826213
MAK	NM_001242957	38.73359358	1.05693706	0.000121724	36.64702
LOC100130238	NR_024563	41.3256137	1.890181688	0.000805004	21.86330232
ZNF598	NM_178167	54.28571429	3.13922743	8.35E-05	17.29269876
DGAT1	NM_012079	149.6319195	20.00717392	2.45E-09	7.478913318
RRP1B	NM_015056	146.5096539	2.594232708	1.27E-15	56.47513944
XPO5	NM_020750	160.7953682	3.102314772	1.92E-16	51.83077155
RAB11FIP5	NM_015470	77.67310262	0.421572667	1.41E-10	184.2460594
LINC01504	NR_110952	40.79536822	0.336283048	2.23E-05	121.3125921
PM20D2	NM_001010853	177.9382254	1.077201343	6.58E-24	165.1856698
SHQ1	NM_018130	128.8365513	0.621657047	1.36E-15	207.2469892
ARID3B	NM_006465	135.0810825	1.211407164	9.46E-15	111.5075811
LOC643339	NR_040096	86.50965393	0.404661984	1.49E-09	213.7825081
KARS	NM_001130089	104.1827566	1.753375305	6.82E-12	59.41840077
CFL1	NM_005507	127.3050222	24.4874911	1.60E-06	5.198777678
ADD3-AS1	NR_038943	167.3050222	0.909203542	1.49E-19	184.0127259
ABHD14A-ACY1	NR_037192	160.7953682	16.40463118	4.88E-11	9.801827697
SMARCC1	NM_003074	142.1209819	1.884433872	6.74E-14	75.41839701
AP1AR	NM_018569	157.6731026	1.282510378	2.00E-18	122.9409955
MSN	NM_002444	66.24453119	0.977448424	1.21E-07	67.7729173
EMP3	NM_001425	81.06049096	7.749484505	2.34E-06	10.46011395
LY6E	NM_002346	120.5302455	16.1936043	2.16E-07	7.443077108
DSC2	NM_004949	83.91763382	1.253301956	6.25E-09	66.9572352
PLA2G15	NM_012320	81.06049096	1.62336555	3.10E-09	49.93360304
SBDS	NM_016038	144.713002	0.679886864	1.51E-21	212.8486514
CPEB4	NM_030627	74.07979883	0.866453431	9.05E-09	85.49772688
NAGK	NM_017567	213.2844306	7.170525344	1.72E-20	29.74460313
STK38L	NM_015000	146.7747767	0.843684395	3.48E-16	173.9688177
PTPRE	NM_130435	101.5907364	1.119671546	1.57E-11	90.73262316
MRPS5	NM_031902	168.8365513	1.101178143	1.11E-20	153.3235584
NUP160	NM_015231	117.9382254	0.655403509	1.35E-14	179.9475036
ZFR	NM_016107	114.550837	1.431794808	1.30E-11	80.00506526
C9orf78	NM_016520	161.5907364	0.826685114	6.08E-23	195.4683032
RTTN	NM_173630	115.3462052	0.36992587	1.74E-13	311.8089724
ANO9	NM_001012302	45.71428571	0.682884859	4.73E-06	66.94288955
CPSF1	NM_013291	225.5083703	6.611850231	1.02E-21	34.10669667
LUZP1	NM_033631	160.7953682	1.378299877	5.92E-17	116.6621074
RELT	NM_152222	204.4478793	3.407835142	1.45E-22	59.99347702
MCM5	NM_006739	35.87645073	2.599815354	0.001743834	13.79961491
C15orf52	NM_207380	95.61132799	12.4540405	1.95E-06	7.677133213
GRAMD1C	NM_017577	109.6319195	0.197609374	6.73E-15	554.7910887
MSRB2	NM_012228	118.2033481	1.921568678	3.87E-13	61.51398566
CEP72	NM_018140	37.14285714	0.12068393	1.36E-05	307.7697006
CERS2	NM_181746	57.40797988	6.724428879	0.000307479	8.53722761

LOC101927124	NR_110045	49.89704227	0.981608322	5.37E-05	50.83192671
WDR25	NM_001161476	96.40669621	1.159556017	9.82E-11	83.14104262
CCT5	NM_012073	86.77477667	6.862162687	6.99E-07	12.64539776
NUP214	NM_005085	106.7747767	1.231343877	1.24E-10	86.71401924
DIS3L	NM_001143688	109.6319195	3.694244851	6.91E-10	29.67640857
AHCY	NM_000687	133.2844306	8.332743843	1.01E-10	15.99526316
ARV1	NM_022786	87.30502215	1.452175212	4.10E-10	60.12017106
RNMT	NM_003799	83.65251108	0.559063869	4.09E-11	149.6296142
AK8	NM_152572	27.83526763	0.044407089	0.000476506	626.8203583
GLUD1	NM_005271	69.63191953	1.353690532	5.59E-07	51.43858058
PITHD1	NM_020362	157.4079799	4.039144644	8.10E-17	38.97062219
NFE2L1	NM_003204	195.3462052	19.66447831	1.48E-13	9.93396327
C6orf165	NM_001031743	49.63191953	0.858743464	8.56E-06	57.79597936
RRS1	NM_015169	69.63191953	16.58299034	0.003361406	4.198996569
SIAH1	NM_003031	106.2445312	3.189982491	4.00E-10	33.30567848
RPL26	NM_000987	110.4272878	11.45592492	4.38E-08	9.639316642
NOA1	NM_032313	98.46847084	3.972968417	1.77E-09	24.78460952
SIPA1L3	NM_015073	90.69241049	1.514786142	1.26E-08	59.8714287
GNG12	NM_018841	158.2033481	1.793150775	1.01E-15	88.22646168
HIVEP2	NM_006734	31.69369417	0.191211463	0.000810753	165.7520617
ZBTB26	NM_020924	64.18275656	0.687866331	5.11E-08	93.3070186
RPS10-NUDT3	NM_001202470	111.222656	2.919713884	1.14E-10	38.09368328
IFT140	NM_014714	64.4478793	1.62621971	3.03E-06	39.63048713
FOXN3	NM_001085471	75.34620525	0.52294445	3.86E-08	144.0807055
CLMN	NM_024734	51.42857143	1.068343323	8.72E-06	48.13861827
NUP188	NM_015354	175.3462052	1.773711199	7.49E-19	98.85837408
DDX55	NM_020936	167.0398994	3.208202359	6.41E-18	52.06650976
SLC25A4	NM_001151	146.2445312	2.277811498	1.35E-17	64.20396567
IL10RA	NM_001558	77.93822536	1.355585879	3.98E-09	57.49412604
NUDT14	NM_177533	97.14285714	5.648180841	7.28E-09	17.19896368
NARFL	NM_022493	70.42728775	6.564179898	1.24E-05	10.72903072
RGPD8	NM_001164463	91.42857143	0.595175254	1.97E-11	153.6162178
DENND2C	NM_001256404	115.0810825	0.457766155	1.65E-14	251.3970973
SPAG7	NM_004890	84.4478793	6.455356483	2.26E-07	13.08183049
BMP7	NM_001719	77.93822536	1.168068008	1.37E-07	66.72404758
LARS2	NM_015340	84.18275656	0.662865505	2.01E-09	126.9982461
TMEM260	NM_017799	87.03989941	0.698935693	2.07E-10	124.5320567
UQCRQ	NM_014402	169.6319195	18.80096249	1.95E-10	9.022512523
HDAC1	NM_004964	109.8970423	2.941875453	4.94E-11	37.35611654
SNAPC3	NM_001039697	86.50965393	2.285805261	1.07E-08	37.84646723
ABTB2	NM_145804	141.3256137	1.771968684	1.30E-13	79.75627049
RNASEH2B	NM_001142279	116.1415735	1.306607332	1.82E-12	88.88789355
TTLL12	NM_015140	102.8571429	6.146224926	1.41E-08	16.73501118
POLRMT	NM_005035	101.8558592	6.305185255	9.94E-09	16.1543008
CMTM6	NM_017801	166.5096539	4.21256656	5.70E-17	39.52688974
BMP1	NR_033404	77.93822536	2.607548277	1.09E-07	29.88946592
NUPL2	NM_007342	80.79536822	2.990664139	1.82E-07	27.01586152
KCTD9	NM_017634	63.1222656	2.126537553	2.75E-06	29.68311822
B4GALT1	NM_001497	146.2445312	1.999223778	2.43E-15	73.15065615
ZKSCAN2	NM_001012981	83.65251108	0.359887062	2.42E-11	232.4410069
AEN	NM_022767	67.30502215	8.468470226	0.000115726	7.947719052
THRAP3	NM_005119	152.2239396	2.734544433	3.55E-15	55.66702
FARSA	NM_004461	149.3667968	6.413605672	1.54E-13	23.28905212
INPP5E	NM_019892	112.4890624	5.701515953	3.46E-10	19.72967599
ZNF672	NM_024836	183.1222656	7.33236203	2.38E-17	24.97452592
SRPR	NM_001177842	73.28443061	9.758433247	6.65E-05	7.509856219
CSTF2T	NM_015235	123.6525111	1.169352069	4.17E-16	105.7444668
PTRH1	NM_001002913	92.75418513	6.285208786	3.74E-07	14.75753444
MICALL2	NM_182924	230.162165	2.166753336	5.64E-27	106.2244424
CCDC101	NM_138414	220.2651227	0.647843881	4.52E-30	339.9972268
ADO	NM_032804	89.63191953	10.37865394	3.45E-06	8.636179608
EFCAB14	NM_014774	56.40669621	1.010816547	7.91E-06	55.80309938
AKAP10	NM_007202	101.3256137	0.638793116	2.63E-12	158.6203907
OSMR	NM_001168355	97.93822536	1.316661944	1.57E-10	74.38372912

TUBA1B	NM_006082	166.5096539	31.85184305	3.03E-08	5.227630114
TRIP13	NM_004237	92.75418513	1.498367242	2.96E-10	61.90350572
PDCL3	NM_024065	155.0810825	3.469168807	5.64E-16	44.70266255
ZNF555	NM_001172775	37.14285714	0.293892093	1.82E-05	126.382635
HECA	NM_016217	83.1222656	1.680352534	1.79E-08	49.46715878
DDX20	NM_007204	60.79536822	3.411868576	2.09E-05	17.81878958
LOC93622	NR_015433	83.65251108	15.20522568	0.000167267	5.501563266
TTC23L	NM_144725	86.77477667	0.409240055	2.87E-11	212.0388158
NCAPD3	NM_015261	153.0193079	1.164450253	7.29E-17	131.4090554
ZFAND2A	NM_182491	58.46847084	1.138076793	2.87E-07	51.37480283
GGN	NM_152657	57.14285714	11.28047695	0.001915523	5.065641939
SOX13	NM_005686	198.4684708	2.983497277	1.19E-20	66.52208882
ATP5C1	NM_001001973	121.8558592	4.175104341	4.56E-12	29.18630272
TTC32	NM_001008237	100.2651227	10.36164101	4.52E-07	9.676567892
BBS10	NM_024685	118.2033481	1.486143184	8.93E-15	79.53698496
RPL7	NM_000971	160.0592073	5.829951154	1.55E-15	27.45463951
ZNF330	NM_001292002	84.18275656	0.958588286	1.38E-10	87.8195131
COX16	NM_001204090	118.7335936	0.97609559	3.24E-14	121.6413585
FAM220A	NM_001037163	72.48906239	0.689366761	7.31E-09	105.1531151
NOL9	NM_024654	81.85585918	1.097974302	3.58E-09	74.55170764
MED20	NM_004275	104.9781248	1.275051838	3.05E-13	82.33243672
ZNF213-AS1	NR_110900	69.36679679	7.818922544	9.32E-05	8.871656728
CIDCEP	NR_002786	53.01930787	2.023902359	3.93E-06	26.19657397
TMEM241	NM_032933	98.73359358	0.525814736	9.46E-12	187.7725875
C10orf111	NM_153244	118.9987163	0.366097216	4.00E-14	325.0467665
XRCC6BP1	NM_033276	224.4478793	2.496769143	1.91E-26	89.8953273
XPO1	NM_003400	101.3256137	3.930560453	9.50E-09	25.7789226
CCDC159	NM_001080503	72.75418513	2.971679929	3.31E-07	24.48251053
CAPN7	NM_014296	169.6319195	0.467444732	2.02E-22	362.8919268
YARS2	NM_001040436	98.99871632	8.66038001	6.68E-08	11.43122082
ZBED5-AS1	NR_034137	129.8970423	0.044311425	4.81E-22	2931.457137
ALG6	NM_013339	159.2638391	0.365794919	4.51E-22	435.3910638
C9orf89	NM_032310	84.18275656	2.732708069	5.67E-08	30.80561642
STT3B	NM_178862	157.6731026	2.068890731	8.31E-16	76.21142105
TTC33	NM_012382	41.59073644	0.105999486	1.57E-06	392.3673402
HIF1A-AS1	NR_047116	167.0398994	2.414741866	2.52E-19	69.17505417
RCCD1	NM_033544	98.2033481	8.594885016	9.98E-08	11.42578963
MPP5	NM_001256550	98.2033481	1.603562348	1.29E-09	61.24074205
CXCR4	NM_003467	43.91763382	1.946729568	0.000198049	22.55969937
IMPACT	NM_018439	158.2033481	0.603098603	1.26E-21	262.31755
CNOT11	NM_017546	121.3256137	2.008664622	3.92E-13	60.40113036
ARHGEF35	NM_001003702	179.2638391	9.428464937	6.19E-16	19.01304616
LENG8	NM_052925	161.5907364	10.73615544	2.78E-13	15.05108019
SDHB	NM_003000	55.08108251	2.928904238	3.57E-05	18.80603736
OLA1	NM_001011708	101.060491	1.556292532	1.23E-09	64.93669338
PSMD1	NR_034059	83.91763382	1.455898038	4.92E-08	57.63977397
OAF	NM_178507	57.14285714	3.532416943	7.43E-05	16.17670226
SRP54	NM_003136	92.22393965	0.390950924	1.27E-12	235.8964619
ECHS1	NM_004092	66.24453119	1.108547783	4.12E-08	59.75793935
MEGF8	NM_001271938	136.1415735	0.768546056	3.67E-16	177.1417241
DR1	NM_001938	157.9382254	1.863550819	1.78E-18	84.75123067
LOC145783	NR_015419	69.89704227	4.175440756	8.78E-06	16.74003928
ZSWIM1	NM_080603	78.46847084	4.143619254	6.33E-07	18.93718173
AP5M1	NR_026895	49.89704227	2.16990861	7.95E-05	22.99499713
LANCL2	NM_018697	50.16216501	0.934079905	5.13E-06	53.70222051
MTG1	NM_138384	74.55083703	1.094479028	2.70E-08	68.11536366
USP32	NM_032582	55.61132799	0.864488683	4.74E-06	64.32857833
OAZ1	NM_004152	224.1827566	8.081584772	1.58E-21	27.73994988
PDS5B	NM_015032	54.81595977	0.345472115	2.44E-06	158.6697085
CDH1	NM_004360	177.9382254	2.144296795	5.07E-18	82.982088
ZNF519	NR_033354	60.79536822	0.926630881	3.85E-07	65.60904613
DNAJC28	NM_001040192	137.6731026	8.518704219	1.09E-11	16.16127278
DGAT2	NM_001253891	36.14157347	1.303416212	0.001420326	27.72834427
ELOVL3	NM_152310	51.22265597	5.506007823	0.000975277	9.303048165

RRN3P2	NR_003369	65.71428571	1.342609722	1.09E-06	48.94518835
YIPF3	NM_015388	101.8558592	4.759419667	8.27E-10	21.40089891
DNPH1	NM_006443	63.91763382	7.339396102	9.76E-05	8.708841018
VPS26B	NM_052875	140.7953682	1.556103558	7.48E-17	90.47943337
MAN1A1	NM_005907	163.9176338	1.55768436	3.25E-16	105.2316105
TMEM223	NM_001080501	175.3462052	36.43271958	2.19E-07	4.812877196
MACC1	NM_182762	22.85714286	0.034219293	0.001595149	667.9606928
ADAMTS14	NM_080722	46.24453119	1.734803203	0.000323004	26.65693211
CTGF	NM_001901	56.40669621	7.036407078	0.000281854	8.016406041
POLG2	NM_007215	131.222656	1.880399688	1.15E-15	69.78444893
CACUL1	NM_153810	50.16216501	2.506651636	9.12E-05	20.01162199
LMNTD2	NM_173573	123.6525111	7.313160488	1.23E-10	16.9082179
GGCX	NM_000821	75.08108251	11.24473516	5.66E-05	6.676998741
UTP11L	NM_016037	125.9794085	4.054704249	2.70E-12	31.06993771
NOL4L	NM_080616	37.40797988	1.707868158	0.001811178	21.9033183
SDHAF1	NM_001042631	113.2844306	25.43797049	0.000200258	4.45335962
PPTC7	NM_139283	38.46847084	2.224397438	0.002098063	17.29388381
CLHC1	NM_152385	57.93822536	0.321184876	1.58E-07	180.3890212
TRNT1	NM_182916	180.7953682	2.308151921	3.03E-20	78.32905911
PLL	NM_015993	57.40797988	1.253648464	5.78E-06	45.79272541
SCYL1	NM_001048218	78.2033481	5.50965943	3.21E-06	14.19386245
ARID2	NM_152641	42.38610466	0.506387477	6.16E-05	83.70290857
LINC00888	NR_038302	101.060491	2.485816614	2.34E-11	40.65484573
CDK12	NM_016507	109.8970423	0.341186289	1.51E-14	322.102751
SYS1-DBNDD2	NR_003189	88.10039037	3.086487182	1.04E-08	28.54390289
SMIM13	NM_001135575	95.08108251	0.336761868	2.21E-13	282.3392178
ZNF443	NM_005815	53.54955335	1.664470049	4.39E-06	32.17213394
DGCR6	NM_005675	101.8558592	5.003765753	1.72E-09	20.35584082
MTHFD1	NM_005956	41.3256137	2.495072245	0.001230968	16.56289263
SHB	NM_003028	134.8159598	1.814515476	3.47E-13	74.29860011
FBXL8	NM_018378	107.0398994	11.11590471	2.58E-07	9.629436578
THOP1	NM_003249	115.8764507	3.092945093	2.48E-11	37.46476165
ALMS1P	NR_003683	20.53024548	0.050173258	0.003404233	409.1870079
CLCF1	NM_001166212	55.08108251	5.970778835	0.000543786	9.225108487
DGCR8	NM_001190326	43.38738834	4.793473334	0.002765437	9.051346553
ACTR8	NM_022899	121.8558592	2.207892179	1.42E-13	55.19103711
ACTR5	NM_024855	104.4478793	1.109282878	9.58E-13	94.15801992
RECQL	NM_032941	57.7323099	0.825880723	3.84E-06	69.90393203
NDUFV2	NM_021074	167.3050222	2.606692203	1.63E-17	64.18288357
NUAK2	NM_030952	203.6525111	3.093132658	1.00E-22	65.84021236
TSR2	NM_058163	43.65251108	3.844081007	0.00074051	11.35577294
KIAA1804	NM_032435	177.4079799	0.539042893	1.42E-22	329.116629
TLL2	NM_012465	87.30502215	0.729204517	4.59E-10	119.726387
PRKAA1	NM_006251	80	1.263452112	1.70E-08	63.31858503
CAT	NM_001752	109.8970423	0.537003083	7.16E-14	204.6488105
PFDN1	NM_002622	55.34620525	0.79194416	1.65E-06	69.88649961
MIA3	NM_198551	60	3.086853924	1.13E-05	19.43726573
DDX27	NM_017895	58.46847084	2.084121951	9.44E-06	28.05424645
LIN7C	NM_018362	117.9382254	0.970219351	4.63E-16	121.5583107
CERS4	NM_024552	129.3667968	1.575789215	9.13E-14	82.09651112
ARL6IP5	NM_006407	57.14285714	2.513009181	9.65E-06	22.7388175
LRRCS56	NM_198075	79.26383906	2.045817756	7.79E-09	38.74433039
CUEDC2	NM_024040	109.8970423	14.53669741	3.81E-07	7.559973159
NARS	NM_004539	81.85585918	2.926867034	1.20E-08	27.96705769
SOCS1	NM_003745	174.550837	27.82461858	1.52E-08	6.273251744
ITGB5	NM_002213	46.50965393	2.898035798	0.000384683	16.04868165
NKIRAS1	NM_020345	127.0398994	1.393631579	5.33E-15	91.15744887
ZNF286B	NM_001145045	53.28443061	1.201037288	9.29E-06	44.36534247
KPNA4	NM_002268	69.89704227	0.695109916	3.06E-08	100.5553808
LPP-AS2	NR_036497	103.1222656	18.04732876	1.78E-05	5.713990529
CENPT	NM_025082	97.93822536	14.00372213	2.33E-06	6.993728127
KBTBD8	NM_032505	63.38738834	0.280599145	6.05E-09	225.9001477
7-Sep	NM_001011553	63.65251108	0.416367581	1.33E-07	152.8757617
OTUD7B	NM_020205	137.6731026	1.421061547	1.63E-14	96.88046441

CLUHP3	NR_024034	64.18275656	4.865779918	3.43E-05	13.1906411
CCDC130	NM_030818	153.2844306	5.318088215	7.75E-15	28.82322075
GSTP1	NM_000852	129.6319195	26.58441768	3.42E-06	4.87623694
MRPS26	NM_030811	166.5096539	10.9533811	5.25E-13	15.20166717
CINP	NM_032630	124.1827566	0.712853723	2.15E-17	174.2051033
YAEID1	NM_020192	158.4684708	2.884335903	5.02E-18	54.94105963
CDS1	NM_001263	55.87645073	1.054371239	1.23E-06	52.99504449
THOC6	NM_001142350	115.3462052	18.55924503	2.85E-06	6.215026799
HEATR2	NR_075098	41.3256137	1.728902334	0.001069186	23.90280405
NOP58	NM_015934	144.4478793	4.057784618	7.26E-14	35.59771966
ZNF800	NM_176814	82.12098192	1.948347452	5.60E-09	42.1490437
DIAPH1	NM_005219	116.1415735	1.567055567	9.78E-12	74.11452146
TMEM19	NM_018279	156.1415735	0.94166028	1.95E-21	165.8151849
SOWAHC	NM_023016	157.9382254	7.701845266	7.09E-14	20.50654355
LOC101928068	NR_111907	118.2033481	12.71135241	5.31E-08	9.299037919
TXNL1	NR_024546	89.36679679	1.178338294	9.91E-10	75.84137531
SDSL	NM_138432	62.12098192	4.24966109	1.85E-05	14.61786731
EIF2AK3	NM_004836	75.61132799	0.692444258	5.87E-09	109.1948226
PDXDC2P	NR_003610	95.87645073	1.182085897	7.44E-10	81.1078543
BET1	NM_005868	69.63191953	0.739772429	6.65E-09	94.12613507
FLJ30679	NR_026674	122.1209819	12.21287069	3.31E-08	9.99936747
LRRRC8A	NM_019594	112.7541851	2.926577259	1.72E-11	38.52766394
PMVK	NM_006556	56.40669621	9.688749111	0.001457987	5.821876029
TYMS	NM_001071	107.0398994	10.38141849	5.56E-08	10.31072002
MRPS14	NR_037606	50.42728775	3.872276588	0.000183805	13.02264614
EIF2AK4	NM_001013703	164.713002	1.100607221	1.01E-17	149.6564796
SLX4IP	NM_001009608	94.81595977	0.257861162	1.54E-11	367.701592
EVPL	NM_001988	140.32433	5.746533693	1.28E-12	24.41895193
FANCL	NM_018062	157.6731026	0.487709828	2.13E-20	323.2928551
MIR17HG	NR_027349	91.42857143	9.31117161	1.35E-06	9.819233847
SFMBT1	NM_016329	109.6319195	0.775079679	2.28E-12	141.4459991
ERII	NM_153332	64.97812478	0.860021533	2.79E-07	75.55406726
LOC101928438	NR_109802	129.8970423	0.287800629	1.96E-15	451.3438436
ATM	NM_000051	87.57014489	0.928194652	6.21E-10	94.34459105
SIX4	NM_017420	57.40797988	6.802509134	0.000409927	8.439235986
M6PR	NM_001207024	140.5302455	7.423920305	1.40E-12	18.92938498
DIP2B	NM_173602	97.93822536	0.659966141	8.64E-11	148.3988636
B3GNT4	NM_030765	137.4079799	25.5094821	3.67E-07	5.386545259
SLC38A2	NM_018976	141.3256137	22.20657595	6.68E-08	6.36413349
PFDN4	NM_002623	61.06049096	1.475506466	6.50E-07	41.38273358
COX5A	NM_004255	144.1827566	3.265088658	4.47E-15	44.15891012
FAHD2A	NM_016044	141.3256137	4.000301003	1.99E-14	35.32874491
AARS2	NM_020745	116.6718189	1.75631815	2.37E-13	66.42977466
B3GALNT2	NM_001277155	181.3256137	2.169431955	5.19E-20	83.58207009
HUS1	NM_004507	109.1016741	1.783995738	6.02E-13	61.15579298
CBL	NM_005188	151.9588169	0.702155183	3.09E-18	216.4177101
CBX3P2	NR_033754	143.6525111	3.193349239	5.64E-16	44.98490467
RSBN1L	NM_198467	118.4684708	1.357788891	4.65E-12	87.2510238
NAPRT	NM_001286829	144.4478793	19.87692187	7.09E-09	7.267115112
GINM1	NM_138785	115.3462052	1.808976874	5.56E-13	63.7632282
ASF1A	NM_014034	77.67310262	5.109450933	6.26E-07	15.20184921
SETX	NM_015046	124.9781248	0.918651273	1.09E-14	136.0452312
CYP51A1-AS1	NR_122109	100.7953682	0.949599299	3.92E-11	106.1451586
HACE1	NR_104424	106.5096539	0.548983288	1.77E-12	194.0125616
TMOD2	NM_014548	85.71428571	1.670355706	1.46E-08	51.31498962
ANKRD13C	NM_030816	126.5096539	1.427771499	7.73E-13	88.60637293
PSMD5	NM_001270427	108.3655131	0.927929453	3.17E-13	116.78206
LINC01136	NR_034151	138.2033481	2.197843626	1.21E-16	62.88133808
ARL4D	NM_001661	98.46847084	10.73829375	2.85E-06	9.169843287
FKBP10	NM_021939	67.57014489	8.894357381	0.00011682	7.596967605
SLC39A14	NM_001135153	59.26383906	1.497526869	7.33E-06	39.5744746
IRF2BP1	NM_015649	109.1016741	17.66581226	8.60E-06	6.175865136
INTS4	NM_033547	36.14157347	0.492334124	0.000218032	73.40862976
TRADD	NM_003789	106.5096539	12.44997781	2.18E-07	8.55500753

PEAK1	NM_024776	120.5302455	0.025923024	7.65E-19	4649.544251
NUDCD2	NM_145266	173.5495533	4.766698716	4.51E-18	36.40875241
AMER1	NM_152424	51.95881691	1.160974068	1.69E-05	44.75450259
SAV1	NM_021818	153.2844306	0.42386139	2.32E-21	361.6381068
GABPB1	NM_002041	121.8558592	0.986974102	2.27E-13	123.4640899
C5orf28	NM_022483	136.1415735	0.256910972	1.02E-19	529.9173195
NCBP1	NM_002486	77.93822536	4.74440717	1.57E-06	16.42738968
RELB	NM_006509	42.85714286	1.050290734	0.000306025	40.80502805
LOC100288974	NR_033857	33.01930787	1.848198114	0.003104586	17.86567555
DNAJC17	NM_018163	109.3667968	2.464605226	3.11E-11	44.37497561
ANKRD50	NM_001167882	167.0398994	1.221710703	4.30E-19	136.7262307
LOC100130987	NR_024469	80.79536822	5.918696248	1.24E-06	13.65087256
MTHFD2	NR_027405	223.6525111	6.716137634	2.85E-21	33.30076351
GADD45B	NM_015675	161.5907364	23.71029844	5.56E-09	6.815213095
SPSB1	NM_025106	37.40797988	0.639750446	0.000200386	58.47276871
ARPC5L	NM_030978	143.6525111	5.519614545	9.22E-14	26.02582298
INADL	NM_176877	105.9794085	0.254877097	4.60E-12	415.8059307
FUCA2	NM_032020	42.6512274	3.228547783	0.000396103	13.21065391
MANBAL	NM_001003897	164.713002	3.392003479	6.58E-17	48.55920788
COX20	NM_198076	97.40797988	15.60519289	4.89E-06	6.242023445
CCDC18	NM_206886	124.713002	0.81985129	8.57E-15	152.1166139
LINC00467	NR_026761	137.6731026	1.726279002	9.35E-15	79.7513626
RRAGA	NM_006570	123.9176338	11.75378738	3.56E-08	10.54278334
CACNB4	NM_001145798	26.50965393	0.163809094	0.004038595	161.8326146
SUPT6H	NM_003170	62.38610466	1.426123977	2.39E-06	43.74521827
RNF43	NM_017763	59.79408454	2.712480533	1.20E-05	22.04406034
DCAF15	NM_138353	70.42728775	2.729929064	3.31E-07	25.79821164
SLC27A3	NM_024330	84.4478793	20.16025024	0.000592596	4.188830907
DNAJC27-AS1	NR_034113	123.3873883	0.987950729	2.04E-13	124.8922489
SLC35A4	NM_080670	112.2239396	10.60076199	5.66E-08	10.5864031
RFC1	NM_001204747	70.16216501	1.033221461	2.98E-08	67.90622112
GUF1	NM_021927	130.162165	3.019520169	2.15E-13	43.10690365
RPS11	NM_001015	137.9382254	27.03028194	7.67E-07	5.103099763
KIAA1161	NM_020702	113.2844306	1.237675295	1.75E-14	91.53000876
JAG1	NM_000214	188.8365513	5.908319997	4.44E-17	31.96112455
NMD3	NM_015938	115.0810825	3.087830413	6.58E-11	37.26923669
RPL24	NM_000986	152.2239396	10.07338958	3.80E-12	15.11149137
PKD2	NM_000297	97.40797988	0.909352822	1.48E-11	107.1179167
HEYL	NM_014571	135.8764507	2.232677133	2.54E-15	60.85808319
FBXL3	NM_012158	123.3873883	1.609692758	1.51E-14	76.65275731
COX10	NM_001303	112.2239396	0.029833421	1.04E-18	3761.685275
DCUN1D2	NM_001014283	166.7747767	3.159445111	1.30E-16	52.78609718
GAL	NM_015973	93.28443061	3.112359835	1.15E-09	29.97225113
NPC1	NM_000271	120.32433	3.814426139	7.39E-11	31.54454317
ARHGFE37	NM_001001669	83.91763382	1.745586763	2.47E-08	48.07416945
C10orf76	NM_024541	163.4465956	1.106318042	1.00E-17	147.739248
UBASH3B	NM_032873	167.5701449	1.974430701	1.12E-16	84.870107
XYLB	NM_005108	98.73359358	0.489185868	7.70E-13	201.8324733
PPIL1	NM_016059	109.6319195	1.522621529	6.96E-13	72.00208156
BCL7A	NM_020993	48.83655131	2.173698068	0.000128161	22.46703534
CDC37L1	NM_017913	164.713002	1.341207365	1.85E-20	122.8094971
GPATCH11	NM_174931	63.91763382	0.854406171	1.09E-07	74.80942433
LRWD1	NM_152892	149.6319195	9.00025479	1.01E-12	16.62529817
CTC-338M12.4	NR_109909	141.060491	11.67549617	5.63E-11	12.08175558
NPDC1	NM_015392	112.7541851	3.481711717	8.80E-12	32.38469876
RBBP9	NM_006606	133.8146761	2.974213541	2.75E-14	44.99161686
CTBS	NM_004388	211.9588169	3.428849542	2.93E-23	61.81630728
ANP32B	NM_006401	72.48906239	5.441598834	5.47E-06	13.32128012
HSPA12A	NM_025015	174.8159598	2.808889339	8.95E-18	62.23668457
SMYD5	NM_006062	124.1827566	3.0850323	3.00E-13	40.25330838
PCOLCE2	NM_013363	88.83655131	1.708661103	8.27E-09	51.99190825
APPBP2	NM_006380	233.8146761	1.798855323	3.34E-25	129.9797005
PRKAB1	NM_006253	102.1209819	4.756823542	3.72E-09	21.4683141
SLC7A5	NM_003486	291.9588169	5.69660142	3.09E-28	51.25140332

NUMBL	NM_004756	89.10167405	5.853186641	8.42E-08	15.22276317
CRACR2A	NM_032680	93.01930787	0.465400668	1.64E-11	199.8693047
RNF139	NM_007218	161.8558592	6.675950028	9.81E-15	24.24461814
THUMPD1	NM_017736	67.03989941	4.248928273	3.49E-06	15.77807275
MGME1	NM_052865	64.4478793	2.047703849	7.59E-07	31.47324225
C17orf59	NM_017622	74.34492157	6.23816965	7.04E-06	11.91774603
LOC100288846	NR_038935	72.75418513	2.874711812	3.59E-06	25.30834041
TIMM17A	NM_006335	111.222656	2.566691151	8.46E-12	43.33308896
SEC61A1	NM_013336	137.9382254	7.453116251	4.35E-12	18.50745657
PABPC1L	NM_001124756	183.3873883	2.267451278	7.98E-20	80.87820458
ATP1A3	NM_001256214	121.060491	0.532998245	5.27E-16	227.1311251
GNB2L1	NM_006098	144.9781248	15.68172179	7.59E-10	9.245038694
REEP6	NM_138393	133.0193079	6.927273679	7.32E-12	19.20225965
PREP	NM_002726	140.2651227	1.903238245	6.82E-14	73.69814215
MEMO1	NM_015955	54.81595977	0.75173635	3.56E-06	72.91912888
EFNB1	NM_004429	95.08108251	2.102616577	4.45E-10	45.22036188
CCS	NM_005125	227.0398994	4.461984242	7.13E-24	50.88316926
TNKS2	NM_025235	138.7335936	1.964038615	1.74E-14	70.63689713
IGF1R	NM_001291858	40.53024548	1.112610607	0.000178615	36.42805957
LOC100507250	NR_038930	91.95881691	0.808727945	2.41E-12	113.7079749
RAD51AP1	NM_006479	37.67310262	1.489197408	0.00116542	25.29758809
BAG2	NM_004282	152.4890624	6.580765522	1.44E-13	23.1719337
BRAP	NM_006768	95.87645073	1.647611989	3.42E-10	58.19115869
SGPL1	NM_003901	71.69369417	2.862590536	8.37E-07	25.04503989
KRTCAP2	NM_173852	97.67310262	12.60191309	2.50E-06	7.750656737
CERK	NM_022766	100.2651227	0.229244472	1.07E-14	437.3720415
INO80E	NM_173618	103.3873883	5.103133939	1.59E-09	20.25958745
SLC25A30-AS1	NR_047031	115.611328	8.975504482	1.39E-08	12.88076099
LOC100133091	NR_029411	94.55083703	2.98440188	4.21E-09	31.68167051
NARS2	NM_001243251	101.060491	0.572149896	1.11E-11	176.6328922
PIGS	NM_033198	131.6936942	4.984366066	5.48E-12	26.42135277
ANKRD36B	NM_025190	109.1016741	0.848090268	7.86E-13	128.6439405
SRP14	NM_003134	121.3256137	3.575153059	7.38E-13	33.93578169
ISY1	NM_001199469	46.77477667	0.242821094	1.33E-06	192.6306152
PSMF1	NM_006814	129.6319195	0.990631711	1.10E-14	130.8578335
WWTR1-AS1	NR_040250	155.611328	7.39231774	5.06E-14	21.05041118
ADCK3	NM_020247	120.7953682	0.491158788	2.04E-16	245.9395436
PPP2CA	NM_002715	75.08108251	2.974910761	2.09E-07	25.2380957
TYK2	NM_003331	123.9176338	0.265268712	6.81E-18	467.1400288
ACYP2	NM_138448	78.73359358	0.193700695	5.61E-10	406.4703729
SUMO2	NM_006937	99.26383906	4.678694912	1.41E-09	21.21613846
HCFC2	NM_013320	115.0810825	0.328607767	1.17E-16	350.2080417
NUTF2	NM_005796	89.36679679	5.23988091	7.26E-08	17.05511982
PDX1	NM_000209	77.67310262	3.273992995	2.28E-07	23.7242727
TCEB3	NM_003198	126.7747767	5.75253332	3.62E-11	22.03807777
EXOSC8	NM_181503	93.28443061	3.984893642	7.42E-09	23.40951578
KBTBD6	NM_152903	129.6319195	3.264235883	4.07E-14	39.71279166
TUBE1	NM_016262	132.7541851	2.187934329	1.51E-14	60.67558034
LOC403323	NR_122076	26.50965393	0.147283234	0.001095033	179.9909817
TUBA1C	NM_032704	255.611328	14.52753923	1.22E-20	17.59495011
PRMT9	NM_138364	64.18275656	1.144077924	2.12E-06	56.09998693
DBIL5P	NR_024120	51.95881691	2.921681197	7.64E-05	17.78387627
PROSER2	NM_153256	138.2033481	0.667754412	9.77E-17	206.9673304
SLFN5	NM_144975	155.0810825	2.202376496	1.16E-16	70.4153367
FCF1	NM_015962	48.83655131	1.480828355	5.97E-05	32.97921136
ZNF862	NM_001099220	115.611328	3.323865612	6.92E-11	34.78219082
DUSP23	NM_017823	87.03989941	3.245084817	5.64E-08	26.82207225
CYBRD1	NM_001256909	106.2445312	2.710831026	6.47E-11	39.19260559
BOLA1	NM_016074	84.4478793	12.44514615	0.000229562	6.785607683
DLG5	NM_004747	38.2033481	0.544808579	0.000247198	70.12251561
CDC42EP2	NM_006779	186.7747767	5.165364962	6.66E-19	36.15906679
PTGER4	NM_000958	123.9176338	2.077977391	6.51E-14	59.63377386
LOC400684	NR_046201	114.550837	4.356224729	2.50E-11	26.29589706
ISL1	NM_002202	92.22393965	3.867539862	4.65E-09	23.8456339

MTX2	NM_006554	157.6731026	1.548646263	8.75E-17	101.8135041
TNFRSF21	NM_014452	155.611328	1.77929276	4.96E-16	87.45684323
FBXL16	NM_153350	78.2033481	12.42268164	9.74E-05	6.295206653
PSMC1	NM_002802	81.59073644	4.797190434	1.47E-07	17.00802534
FAM188A	NM_024948	117.4079799	0.172101978	4.14E-17	682.2000626
C20orf194	NM_001009984	44.71300204	0.094628591	4.25E-06	472.5104896
AP1M1	NM_001130524	58.73359358	1.305994612	4.21E-06	44.97230926
VPS37C	NM_017966	89.63191953	3.462905432	5.85E-08	25.8834442
TWISTNB	NM_001002926	138.7335936	0.159279286	2.19E-23	871.0083819
FAM229B	NM_001033564	87.30502215	0.990578517	3.22E-11	88.13538821
FAM32A	NM_014077	39.79408454	2.814711888	0.001597489	14.13788911
LOC100147773	NR_125374	96.40669621	7.124927032	3.55E-08	13.53090295
U2SURP	NM_001080415	47.30502215	0.319182896	2.51E-06	148.2066327
LRRC73	NM_001012974	88.83655131	8.973010201	1.89E-06	9.900417955
FUT2	NM_001097638	106.7747767	8.930975727	1.95E-08	11.95555558
KDSR	NM_002035	169.1016741	1.937415264	7.49E-19	87.28210066
MEA1	NM_014623	105.9794085	25.66267451	0.000377672	4.129710191
CCDC136	NM_001201372	97.93822536	2.027214323	2.39E-10	48.31172721
TONSL	NM_013432	208.8365513	8.239410767	2.79E-19	25.34605413
FLJ37035	NR_033847	142.3861047	2.209843571	1.80E-16	64.43266236
VTI1A	NM_145206	213.8146761	1.026001941	1.06E-22	208.3959762
INPP1	NM_002194	76.14157347	1.534197619	2.90E-08	49.62957347
PYCRL	NM_023078	134.8159598	13.03712904	8.70E-10	10.34092394
IRF2BPL	NM_024496	98.46847084	18.31941078	4.74E-05	5.375089409
SBF2-AS1	NR_036485	81.59073644	2.223822321	3.36E-08	36.68941339
MKLN1-AS	NR_125364	44.97812478	1.273708323	8.28E-05	35.31273524
MRPL45P2	NR_033934	69.36679679	0.969777237	3.01E-07	71.52858839
KCTD10	NM_031954	103.6525111	2.499109807	6.85E-11	41.475773
TGFB1	NM_000660	152.2239396	5.080682317	6.91E-14	29.96131821
DNAJC30	NM_032317	98.2033481	2.516312315	1.69E-10	39.02669295
GRIPAP1	NM_020137	63.1222656	1.874368588	2.18E-06	33.676549
MAK16	NM_032509	57.20206442	1.714297755	3.84E-06	33.36763654
PWP2	NM_005049	113.0193079	1.621700563	3.09E-13	69.69184721
IRF7	NM_001572	153.8146761	17.52000324	4.71E-10	8.779374864
IPPK	NM_022755	71.22265597	1.467502212	4.05E-07	48.53325288
EEA1	NM_003566	67.30502215	0.374452947	4.15E-08	179.7422687
NUDT5	NM_014142	98.46847084	4.546476247	9.25E-09	21.65819538
C1orf213	NR_033690	150.4272878	21.53069118	9.54E-09	6.986644623
LPPR2	NM_001170635	137.6731026	0.361550382	1.57E-20	380.7853888
LSM3	NM_014463	29.89704227	0.409997603	0.00055061	72.9200417
KLHDC2	NM_014315	135.3462052	6.870857986	3.58E-12	19.69858866
USP47	NM_001282659	135.611328	1.459481968	1.47E-13	92.91743988
MBTPS1	NM_003791	124.9781248	0.401025933	4.54E-17	311.6459923
LOXL4	NM_032211	38.99871632	2.836924517	0.000831882	13.74682904
C9orf156	NM_016481	95.34620525	2.971541008	3.40E-09	32.0864511
KANK2	NM_001136191	131.9588169	2.291593742	3.04E-14	57.58386162
CUL5	NM_003478	61.06049096	0.347429555	2.00E-07	175.749271
C15orf39	NM_015492	200.7953682	4.629960014	4.20E-21	43.36870461
RPL32P3	NR_003111	52.48906239	6.491074558	0.001440558	8.08634409
LOC220729	NR_003266	38.2033481	2.112340431	0.001109099	18.08579126
ZNF18	NM_144680	172.4890624	0.87414249	1.05E-23	197.3237366
CHUK	NM_001278	127.8352676	3.919273557	5.86E-12	32.61708216
ESD	NM_001984	135.0810825	2.364181828	5.68E-15	57.13650317
BTN2A3P	NR_027795	58.2033481	2.872617149	2.38E-05	20.26143586
PJA1	NM_001032396	86.24453119	3.478635783	8.08E-09	24.79263038
PMM2	NM_000303	92.75418513	2.883134432	5.24E-09	32.17130082
TICRR	NM_152259	69.89704227	0.921587172	2.96E-08	75.84420051
ACTR3C	NM_001164458	38.46847084	0.012837006	1.52E-06	2996.685576
ZC3HC1	NM_016478	106.7747767	0.89662659	1.51E-12	119.0849991
FAM103A1	NM_031452	115.0810825	1.713770601	2.46E-14	67.15080911
CYB5R1	NM_016243	72.48906239	5.028487262	2.30E-06	14.41567983
WDR77	NM_024102	71.95881691	0.244757761	3.84E-11	294.000144
MSL3P1	NR_024322	118.4684708	10.90512857	1.33E-08	10.86355562
PLXNB2	NM_012401	64.18275656	7.539973227	0.000184198	8.512332156

SLC48A1	NM_017842	117.9382254	8.687781795	9.70E-10	13.57518273
RIN3	NM_024832	67.57014489	0.688545423	9.76E-08	98.13462212
ASB1	NM_001040445	115.611328	3.724495434	6.41E-11	31.04080272
NT5DC3	NM_001031701	134.550837	1.285579195	2.31E-14	104.6616479
SLC6A17	NM_001010898	152.4890624	0.962031457	1.14E-17	158.5073557
CTDSP2	NM_005730	69.10167405	3.909926442	7.26E-06	17.6733949
ADPRHL1	NM_199162	120.5302455	1.137497358	2.11E-14	105.9609015
TRIM28	NM_005762	134.550837	8.816588752	6.78E-11	15.26109937
C15orf56	NM_001039905	85.24324752	10.12911307	1.83E-05	8.415667484
SMG5	NM_015327	189.3667968	3.265480605	2.76E-19	57.99048279
EIF2S2	NM_003908	115.8764507	6.801099641	7.06E-10	17.03789929
FUK	NM_145059	118.2033481	5.969397579	6.34E-10	19.80155393
GALNS	NM_000512	186.5096539	3.608139393	2.83E-18	51.69136599
XAB2	NM_020196	61.06049096	6.048114068	0.000148198	10.09579024
NDUFA6-AS1	NR_034118	92.22393965	0.349725875	2.45E-13	263.7035069
ZBTB40	NM_014870	49.63191953	0.637802759	8.90E-06	77.81703482
ERCC6	NM_000124	126.5096539	0.489871802	5.64E-16	258.2505331
IDH3A	NM_005530	130.6924105	1.837641053	1.51E-15	71.11966197
ULBP2	NM_025217	92.48906239	2.76781635	3.16E-10	33.41589567
LAMB2	NM_002292	44.4478793	3.877509748	0.000868564	11.46299615
UBE2D4	NM_015983	192.7541851	3.184073935	5.61E-20	60.53696901
CAPNS1	NM_001749	149.8970423	8.563272806	2.12E-12	17.50464404
AGPAT6	NM_178819	170.162165	2.448159957	2.42E-18	69.50614667
GOLT1A	NM_198447	24.4478793	0.629284204	0.001747383	38.85029873
BUB1B	NM_001211	84.4478793	0.310792823	1.10E-11	271.7175981
SMU1	NM_018225	64.71300204	2.028019357	1.45E-06	31.90945975
DECR2	NM_020664	97.40797988	1.114941396	7.52E-12	87.36600888
SMAD4	NM_005359	131.9588169	0.593745542	2.53E-17	222.248097
TATDN2	NM_014760	182.1209819	1.674512612	1.34E-21	108.7605913
NKD2	NM_033120	34.28571429	0.622858383	0.000204298	55.04576192
RUSC1-AS1	NM_001039517	135.3462052	25.3334843	5.86E-07	5.342581528
POLR2J	NM_006234	90.16216501	2.57879561	7.75E-10	34.96289688
GNS	NM_002076	72.48906239	0.901927913	1.34E-07	80.37123734
TAX1BP3	NM_014604	167.3050222	22.06944722	2.90E-10	7.580843349
TMTC2	NM_152588	66.50965393	0.074096477	3.38E-08	897.6088527
LMAN2	NM_006816	152.7541851	3.176013092	6.42E-16	48.09620764
CNPPD1	NM_015680	112.4890624	4.645019496	4.89E-11	24.21713461
ACOT8	NM_005469	106.2445312	1.627455104	8.10E-13	65.28261882
FBF1	NM_001080542	241.5907364	0.53065212	8.44E-36	455.2714056
USP24	NM_015306	121.3256137	0.879008075	1.59E-13	138.0255962
LYRM5	NM_001001660	115.3462052	7.852226559	1.65E-09	14.68961757
PRIM1	NM_000946	89.89704227	2.194633638	1.19E-09	40.96220923
FAM96B	NR_024525	113.0193079	5.259468921	1.36E-10	21.48873005
MAGOH	NM_002370	39.5289618	3.863586664	0.003224724	10.23115702
RPAP1	NM_015540	101.060491	2.627842828	1.45E-10	38.45758578
CLIP2	NM_003388	112.2239396	1.494932391	4.50E-11	75.06957526
PDSS1	NM_014317	106.7747767	2.463896015	1.02E-10	43.33574795
YRDC	NM_024640	74.55083703	8.893464418	4.73E-05	8.382654219
KLF3-AS1	NR_026804	55.08108251	1.865775836	3.41E-05	29.52181149
LOC101060553	NR_120398	165.2432475	0.866676018	2.65E-23	190.6632284
STXBP3	NM_007269	163.9176338	1.321638639	6.08E-18	124.0260605
PATL1	NM_152716	34.28571429	0.598661153	0.00021542	57.27065157
RBM15B	NM_013286	89.10167405	11.32943168	3.63E-06	7.864619918
TRIM4	NM_033017	154.0797988	3.571770213	2.27E-15	43.13821709
FAHD2B	NM_199336	135.8764507	2.383908414	4.28E-16	56.99734516
MAP1S	NM_018174	75.08108251	2.792972593	4.71E-07	26.8821408
CDCA2	NM_152562	84.18275656	2.360465086	3.29E-08	35.66363131
TANC1	NM_033394	207.0398994	1.730008034	3.59E-20	119.6756866
SDF2L1	NM_022044	112.4890624	13.0904119	3.14E-07	8.593240857
MAP1LC3B	NM_022818	83.91763382	6.399488097	8.98E-07	13.11317914
TTC12	NM_017868	117.4079799	0.23702487	1.84E-17	495.3403416
MKI67	NM_001145966	49.89704227	5.375679335	0.000833302	9.281997522
PI4K2B	NM_018323	117.9382254	1.65979668	1.50E-12	71.05582675
C1GALT1	NM_020156	163.1222656	1.189342931	4.50E-18	137.1532645

C10orf107	NM_173554	24.4478793	0.088088002	0.001596169	277.5392637
NLN	NM_020726	152.2239396	1.380711566	1.25E-15	110.2503545
TIPIN	NM_001289986	109.8970423	1.544983487	7.98E-13	71.13153196
PBK	NM_001278945	53.01930787	1.127838434	1.13E-05	47.0096658
CEP135	NM_025009	58.46847084	0.18155047	9.37E-08	322.0507826
SPAG5	NM_006461	55.61132799	1.902943971	1.53E-05	29.22383887
FAM227B	NM_152647	75.34620525	0.103296609	1.92E-09	729.4160577
RLF	NM_012421	118.7335936	0.750157667	1.51E-14	158.2781844
MRPL51	NM_016497	109.8970423	11.20173135	2.98E-06	9.810719331
POLR2A	NM_000937	304.1827566	4.865324475	5.11E-31	62.52054887
STARD5	NM_181900	109.6319195	3.525699564	2.39E-11	31.0950827
FAR1	NM_032228	121.5907364	0.192484118	2.24E-18	631.6923056
FGF9	NM_002010	89.10167405	2.47650697	4.51E-09	35.97876974
PPP2CB	NM_001009552	55.34620525	2.846776416	2.92E-05	19.44171131
TST	NM_001270483	75.34620525	15.82846339	0.0004564	4.760171811
PLCD3	NM_133373	74.55083703	5.315982705	1.94E-06	14.02390511
OBFC1	NM_024928	170.4272878	4.099194536	1.40E-16	41.57579892
ATP5B	NM_001686	201.5907364	5.910377815	1.24E-20	34.10792723
SMNDC1	NM_005871	50.16216501	4.093130045	0.000224518	12.25520921
CYB5B	NM_030579	124.713002	6.41160093	1.98E-10	19.45114853
FERMT1	NM_017671	83.1222656	2.68291786	3.80E-08	30.98203893
MPHOSPH8	NM_017520	66.50965393	1.334993515	1.01E-06	49.8202075
LOC344967	NR_027277	123.9176338	2.086017552	7.72E-14	59.40392673
OGFOD1	NM_018233	67.30502215	1.668332767	3.28E-07	40.34268432
ZMYM4	NM_005095	48.83655131	0.2351445	6.28E-06	207.6874064
GRHL2	NM_024915	124.4478793	1.294398614	2.08E-12	96.14339663
CHKB	NM_005198	98.2033481	15.02176041	1.15E-05	6.537406097
BEND6	NM_152731	26.50965393	0.698306389	0.00419737	37.96278305
MTERF4	NM_182501	121.060491	5.283912835	2.32E-11	22.91114459
MCC	NM_001085377	56.14157347	0.80540661	2.94E-06	69.70587623
DDI2	NM_032341	161.8558592	1.642966885	2.76E-18	98.51437704
TVP23C	NM_145301	112.2239396	1.514923429	1.32E-11	74.07895178
ATP1B1	NM_001677	115.0810825	4.449288228	1.03E-10	25.8650545
FAM8A1	NM_016255	80	3.722975141	9.71E-08	21.48819076
RAB25	NM_020387	84.97812478	5.735375544	2.09E-07	14.81648832
POLR2E	NM_002695	70.95753323	9.952136514	5.89E-05	7.129879411
DDX59	NM_001031725	81.85585918	1.109337744	1.76E-09	73.7880412
POR	NM_000941	172.7541851	2.377284542	1.11E-17	72.66870334
HSPA9	NM_004134	44.97812478	4.206614849	0.001244534	10.69223744
WDR75	NM_032168	121.3256137	0.60149075	2.39E-15	201.7081952
HEBP2	NM_014320	126.7747767	0.992342807	6.27E-17	127.7530061
SETD5	NM_001292043	48.83655131	2.346610604	0.000177103	20.81152758
RBM15	NM_001201545	83.91763382	5.430808127	2.26E-07	15.45214485
CLIC3	NM_004669	98.46847084	13.6797273	1.22E-05	7.198131126
CWC22	NM_020943	78.46847084	0.495077466	8.48E-10	158.4973591
CREG1	NM_003851	134.0797988	3.695965236	1.86E-13	36.27734307
ANKS1A	NM_015245	85.97940845	1.236243575	2.37E-09	69.54892237
SLC2A12	NM_145176	29.63191953	0.87551826	0.002087333	33.84500458
CASC10	NM_001010911	61.85585918	5.539531026	3.10E-05	11.16626279
HIATL1	NM_032558	108.8365513	0.431187372	7.98E-14	252.411268
RANBP10	NM_020850	107.0398994	1.214330059	7.22E-11	88.14728633
TMEM59	NM_004872	49.36679679	1.209136436	4.30E-05	40.82814424
RPL30	NM_000989	147.5701449	6.491019776	1.02E-13	22.73450859
MRPS24	NM_032014	78.46847084	6.857641176	3.67E-06	11.44248712
EPCAM	NM_002354	113.0193079	4.087468329	3.24E-11	27.65019782
RHPN1	NM_052924	198.4684708	10.00972072	8.90E-17	19.82757326
PAPLN	NM_173462	86.77477667	1.654156057	5.49E-09	52.45863974
CCND1	NM_053056	135.3462052	17.68499903	1.25E-08	7.653164415
EIF4EBP2	NM_004096	161.060491	5.150276696	9.70E-15	31.27220157
TPTE2P1	NR_026730	35.34620525	0.18894074	6.42E-05	187.0756156
IFT46	NM_001168618	38.2033481	0.43870755	3.40E-05	87.08158347
C7orf43	NM_018275	143.1222656	17.59021166	5.47E-09	8.136472056
LIPT2	NM_001144869	203.6525111	13.44530212	5.85E-15	15.14674116
LINC00637	NR_038436	157.4079799	4.672594356	2.38E-16	33.68749091

NAA15	NM_057175	47.30502215	1.654159714	0.000163665	28.5976147
LOC642852	NR_026943	92.48906239	11.75464687	3.29E-06	7.868297826
FAM58A	NM_001130997	31.69369417	2.056464488	0.004212891	15.41173911
CDK7	NM_001799	73.54955335	0.074865914	1.63E-12	982.4170893
CATSPER2P1	NR_002318	138.4684708	1.179778726	4.56E-18	117.3681706
MCM6	NM_005915	92.75418513	3.689897131	3.96E-08	25.13733631
C9orf85	NM_182505	49.89704227	0.282702145	2.08E-06	176.5004023
ALKBH4	NM_017621	53.28443061	3.821983075	6.97E-05	13.94156634
MYCBP	NM_012333	79.26383906	2.141215554	2.21E-08	37.01815024
STARD9	NM_020759	94.81595977	1.088829876	1.75E-10	87.0806008
ZFAND3	NM_021943	72.48906239	0.807244877	8.24E-08	89.79810772
DCAF12	NM_015397	115.8764507	2.134748451	2.32E-12	54.28107966
ARL1	NM_001177	68.63063585	1.357484167	6.25E-08	50.55722748
LINC00657	NR_027451	235.3462052	5.651627752	4.47E-25	41.64219859
SREK1IP1	NM_173829	126.5096539	0.569554162	2.40E-15	222.1204975
JMJD7	NM_001114632	141.8558592	0.560299677	4.61E-21	253.178549
KCNK6	NM_004823	115.611328	3.685413455	1.68E-11	31.36997501
IMPA2	NM_014214	172.2239396	1.651433852	4.65E-19	104.2875193
KRII	NM_023008	138.7335936	9.703448107	5.40E-11	14.29734998
WDR3	NM_006784	95.87645073	1.055891677	3.21E-11	90.80140777
SLC31A2	NM_001860	72.48906239	4.336199626	1.73E-06	16.71718755
TMED7-TICAM2	NM_001164468	55.61132799	2.678196238	4.01E-05	20.76447095
THUMPD3-AS1	NR_027007	166.5096539	14.25156904	2.39E-12	11.68360153
ZNF674-AS1	NR_015378	43.91763382	2.587952379	0.000860369	16.97003166
TUFM	NM_003321	81.59073644	7.551535522	2.28E-06	10.80452263
TMEM104	NM_017728	90.95753323	2.329589963	5.19E-09	39.044439
RNF114	NM_018683	168.8365513	0.449458098	1.39E-25	375.6446977
TOMM20L	NM_207377	33.54955335	0.490134872	5.16E-05	68.44963553
MIS18BP1	NM_018353	121.060491	2.156246864	1.98E-12	56.14407746
FAM118A	NM_001104595	115.8764507	7.231386963	1.21E-09	16.02409763
ANKRA2	NM_023039	126.7747767	1.341719462	2.59E-15	94.48679864
LINC00884	NR_033929	72.48906239	4.058540582	6.64E-06	17.86086918
BTC	NM_001729	43.91763382	0.326286693	1.19E-05	134.5982989
CCDC157	NM_001017437	135.8764507	6.801620467	3.84E-12	19.97707037
ELL	NM_006532	84.4478793	1.935168424	2.24E-08	43.63851654
ALDH9A1	NM_000696	149.6319195	1.513224161	5.06E-17	98.88285117
ATF6	NM_007348	64.4478793	0.333591973	1.08E-07	193.1937351
ZFHX4	NM_024721	30.42728775	0.194749493	0.000799029	156.2380847
MED16	NM_005481	120.5302455	4.544613239	2.34E-11	26.52156281
ATXN1L	NM_001137675	70.95753323	3.330447657	8.48E-07	21.30570438
DEGS1	NM_003676	152.2239396	1.095197216	1.44E-20	138.9922632
SRSF9	NM_003769	107.3050222	6.342983357	2.22E-09	16.91712182
RAB11B	NM_004218	57.93822536	0.42110108	1.44E-07	137.5874536
GTF2H2	NM_001515	218.4684708	2.098341548	3.28E-24	104.1148287
SYNGR2	NM_004710	157.9382254	27.39716325	2.53E-08	5.764765642
FNBP1	NM_015033	115.0810825	0.634660084	3.78E-13	181.3271158
ENTPD1-AS1	NR_038444	66.50965393	0.874851695	3.44E-07	76.02391846
GABRE	NM_004961	88.57142857	1.33340219	2.97E-10	66.42514108
POLR2J3	NM_001097615	106.7747767	2.271867759	3.97E-11	46.99867598
EMC8	NM_006067	159.7940845	5.467589329	6.73E-15	29.22569252
GCSH	NR_033249	155.8764507	6.622210631	5.22E-14	23.53843141
FSCN1	NM_003088	276.6718189	11.87658965	1.24E-24	32.29556102
FLOT2	NM_004475	147.0398994	3.985558131	5.59E-15	36.89317646
GPD1L	NM_015141	58.73359358	0.854449158	3.95E-07	68.738547
CCDC97	NM_052848	195.611328	7.957334254	7.28E-18	24.58251994
HNRNPUL1	NM_144732	74.55083703	3.962152841	2.88E-06	18.81573983
PDCD7	NM_005707	118.4684708	2.621296239	2.28E-12	45.19461368
LOC646626	NR_045484	109.8970423	17.18704916	6.95E-06	6.394177455
TMEM198	NM_001005209	35.87645073	3.760889682	0.004266239	9.539352057
KLHL7-AS1	NR_046220	110.4272878	8.114151312	7.07E-09	13.60922215
UBFD1	NM_019116	41.3256137	4.577240616	0.004147449	9.028499301
FAM122A	NM_138333	114.8159598	0.373020497	2.66E-16	307.8006719
PDS5A	NM_001100399	89.10167405	1.633406589	1.74E-08	54.54959875
PCIF1	NM_022104	163.6525111	7.348991643	1.28E-14	22.26870284

PDP2	NM_020786	89.63191953	0.742444764	2.90E-12	120.725371
C7orf25	NM_024054	99.26383906	11.14905349	1.13E-06	8.903342253
CIT	NM_007174	70.16216501	0.164242066	5.09E-09	427.1875444
IMPDH2	NM_000884	196.4066962	30.7030721	1.10E-10	6.39697212
KIAA0922	NM_015196	120.5302455	1.55233736	9.98E-12	77.64436299
EMC10	NM_206538	148.6306359	3.226238851	3.20E-16	46.06932181
MSH3	NM_002439	190.162165	0.743588782	2.10E-21	255.735656
A4GALT	NM_017436	100.5302455	2.699822924	1.83E-10	37.23586631
DAK	NM_015533	197.6731026	7.017617497	2.40E-18	28.16812155
TMEM189-UBE2V1	NM_199203	112.2239396	6.756260921	8.08E-09	16.610362
NUP205	NM_015135	87.03989941	0.751284811	4.32E-10	115.8547306
SLC25A53	NM_001012755	37.40797988	0.394777424	0.000110099	94.75714071
IBA57	NM_001010867	132.7541851	1.928703892	7.12E-15	68.83077577
COMMD2	NM_016094	84.4478793	2.653817212	1.39E-08	31.82128706
CASC3	NM_007359	37.67310262	1.746167352	0.001639942	21.57473772
ZFYVE20	NM_022340	61.06049096	1.050213008	2.01E-06	58.14105375
PRR14L	NM_173566	146.7747767	2.714780334	1.01E-14	54.06506553
VAC14	NM_018052	89.89704227	1.103055619	5.61E-10	81.49819529
KLF2	NM_016270	94.81595977	20.42004448	0.000119067	4.643278806
ATP6V1G1	NM_004888	95.34620525	2.306351273	3.41E-10	41.34071266
HILPDA	NM_001098786	147.8352676	4.600582361	7.56E-15	32.13403349
LOC728613	NR_003713	89.10167405	0.504908201	3.41E-12	176.4710375
EIF4B	NM_001300821	50.42728775	7.193259946	0.001871543	7.010352487
HTATSF1	NM_014500	60.53024548	0.472521261	7.40E-08	128.1005755
LOC100131655	NR_040024	111.6936942	2.148708189	3.66E-12	51.98178828
DIO3	NM_001362	57.40797988	9.267626769	0.002011442	6.194463946
ZDHHC6	NM_022494	178.9987163	0.802718157	1.08E-24	222.9907405
SLC35E2B	NM_001290264	121.8558592	3.650475785	1.13E-11	33.38081564
TOP2B	NM_001068	37.40797988	0.749034154	0.00020276	49.94162108
DIEXF	NM_014388	55.34620525	2.056471589	2.36E-05	26.91318739
NAV1	NM_001167738	50.16216501	0.467865966	3.23E-06	107.2148193
LINC00568	NR_051960	92.48906239	5.731556443	4.79E-08	16.13681437
ZPR1	NM_003904	129.1016741	2.573218086	4.45E-14	50.17129125
ARHGAP5-AS1	NR_027263	118.2033481	23.03824521	6.28E-05	5.130744423
SAP30L-AS1	NR_037897	95.61132799	1.090897947	5.07E-10	87.64461265
ZDHHC23	NM_173570	60.26512274	0.552587957	1.04E-07	109.0597832
CHRNA5	NM_000745	127.0398994	1.809971561	3.91E-14	70.18889257
KPNA6	NM_012316	83.1222656	1.377169153	2.51E-08	60.35733912
LOC100131347	NR_036551	113.0193079	2.277976369	1.27E-12	49.61390706
ZNF487	NR_026693	34.81595977	0.941882769	0.000402956	36.96421776
CPNE3	NM_003909	149.3667968	2.578423887	1.43E-15	57.92949621
TRIM62	NM_018207	65.97940845	1.949840303	1.48E-06	33.8383653
LOC285074	NR_026846	84.4478793	1.972176894	1.11E-08	42.81962717
FANCG	NM_004629	136.1415735	12.67714013	5.39E-10	10.73913928
OIP5-AS1	NR_026757	126.5096539	4.647175654	1.13E-11	27.22291201
TMX4	NM_021156	160.7953682	1.380849162	1.29E-18	116.446729
BRIP1	NM_032043	120.0592073	0.25472378	6.12E-15	471.3309731
C9orf41-AS1	NR_121183	44.18275656	2.035304474	0.000518882	21.70818034
ING3	NM_019071	83.38738834	1.887629249	6.58E-09	44.17572381
PIBF1	NM_006346	86.77477667	0.287298488	4.19E-10	302.0370112
ZNF696	NM_030895	208.3655131	5.043128861	1.23E-21	41.31671406
LOC102724301	NR_120587	39.79408454	5.921066764	0.003712217	6.720762681
LOC101927919	NR_110854	53.54955335	1.486426078	4.45E-06	36.02570901
MYL12A	NM_006471	57.67310262	8.822957458	0.001142821	6.536708683
PGM2L1	NM_173582	134.8159598	0.366916564	2.47E-18	367.4294731
BCL9L	NM_182557	77.14285714	12.9498142	0.000105766	5.957062856
BOK	NM_032515	115.611328	6.844749533	6.02E-10	16.89051257
ORMDL2	NM_014182	99.26383906	16.78839968	1.28E-05	5.912644503
HSDL1	NM_031463	129.3667968	3.534284926	9.40E-13	36.6033864
LINC01278	NR_015353	43.65251108	0.303475634	3.65E-05	143.8418976
EGR1	NM_001964	137.6731026	30.50072723	3.39E-06	4.513764593
ATP13A1	NM_020410	86.24453119	2.082032417	1.76E-09	41.42324129
ANKRD32	NM_032290	90.95753323	0.055989745	3.54E-15	1624.539169
LRRC57	NM_153260	190.162165	4.992758102	1.84E-20	38.08759831

DHTKD1	NM_018706	92.75418513	1.466786958	1.96E-09	63.23630343
EIF2B1	NM_001414	78.46847084	7.644529248	4.43E-06	10.26465702
MRPL47	NM_177988	78.46847084	0.470791712	1.29E-10	166.6734328
MTHFR	NM_005957	70.69241049	6.421025036	2.15E-05	11.00952108
CCNE2	NM_057749	180.5894528	4.864646938	3.41E-18	37.12282825
SNHG22	NR_117096	111.6936942	2.792951626	1.68E-11	39.99127415
SLC5A6	NR_028323	152.7541851	4.541355168	3.27E-15	33.63625602
PNPT1	NM_033109	78.73359358	0.410230941	1.63E-10	191.9250495
PCNXL2	NM_014801	99.26383906	0.435516588	3.22E-11	227.9220628
B3GNT5	NM_032047	55.34620525	2.641969745	2.05E-05	20.94884143
TVP23B	NM_016078	143.3873883	4.224819641	5.21E-14	33.93929221
FAM83G	NM_001039999	94.81595977	2.290917939	8.32E-10	41.38775909
CCNB1	NM_031966	56.40669621	4.680929313	5.80E-05	12.05032002
SLC27A1	NM_198580	83.91763382	5.870309561	4.49E-07	14.29526551
NXT1	NM_013248	59.26383906	7.811427886	0.000235712	7.586812543
AKAP8	NM_005858	151.6936942	3.639703957	3.56E-15	41.67748145
GNPTAB	NM_024312	87.30502215	1.000492135	3.02E-10	87.26207743
NEAT1	NR_028272	195.611328	47.334553	7.44E-08	4.132527205
FAF1	NM_007051	106.7747767	0.589302755	2.08E-11	181.188321
XXYLT1	NM_152531	167.5701449	1.21173683	6.53E-17	138.2892231
PDCD5	NM_004708	161.3256137	5.249819116	5.03E-16	30.72974709
RSRP1	NM_020317	197.9382254	12.97789346	9.32E-16	15.25195333
KIF5B	NM_004521	258.7335936	2.134425369	1.15E-29	121.2193208
SOD1	NM_000454	160.7953682	6.521232315	2.90E-15	24.65720595
ETV5	NM_004454	117.9382254	2.839104822	1.13E-11	41.5406379
HNRNPA3	NM_194247	44.97812478	7.114924475	0.00412567	6.32165878
ZFP91	NM_053023	51.95881691	0.989269131	3.32E-06	52.5224282
SLC17A5	NM_012434	73.01930787	0.912534466	7.32E-09	80.01813695
LRRC3	NM_030891	34.28571429	3.486186934	0.00458429	9.834732026
DTD2	NM_080664	127.0398994	3.174227019	7.72E-14	40.02231052
RPL23A	NM_000984	127.0398994	20.55796845	4.35E-07	6.179594046
PRDX4	NM_006406	72.48906239	1.375246498	4.92E-08	52.70986873
KCTD3	NM_016121	56.14157347	0.367577144	1.76E-07	152.7341248
ARF3	NM_001659	149.6319195	3.799216566	3.92E-15	39.3849408
UBAC2-AS1	NR_036532	158.7335936	11.83268774	9.69E-13	13.41483838
SLC8B1	NM_024959	227.8352676	3.502306102	1.05E-23	65.05292827
SLC35G1	NM_153226	212.4890624	2.12751649	2.74E-26	99.876576
FABP5P3	NR_002935	46.50965393	2.926381844	0.000311949	15.89322802
MED29	NM_017592	120.5302455	11.32071873	4.14E-09	10.64687219
XKR8	NM_018053	181.8558592	3.455072969	1.62E-20	52.63444819
LOC100134868	NR_004846	64.18275656	1.425497245	2.59E-07	45.02481978
DDA1	NM_024050	52.22393965	3.980246466	0.000248575	13.12078036
PPP1R15A	NM_014330	162.3861047	10.6857032	4.12E-13	15.19657636
SNW1	NM_012245	53.54955335	3.577694305	4.39E-05	14.96761567
DNAJC24	NM_181706	104.713002	0.597206401	1.95E-13	175.3380438
JPH1	NM_020647	59.26383906	2.340301241	1.28E-05	25.32316696
TUBG1	NM_001070	67.03989941	15.33334292	0.001704412	4.37216462
C5orf42	NM_023073	152.7541851	0.324307082	3.13E-19	471.0171116
ZNF202	NM_003455	97.67310262	0.86516467	1.67E-12	112.8953897
NHLRC2	NM_198514	81.59073644	1.583549562	2.39E-08	51.52395503
USP53	NM_019050	203.6525111	0.390146994	7.58E-28	521.9891842
SRRD	NM_001013694	109.3667968	2.207174688	6.71E-13	49.55058492
LRRC59	NM_018509	198.9987163	7.626618865	2.23E-18	26.09265257
ANKRD39	NM_016466	181.8558592	1.937605446	1.00E-22	93.85598062
MANF	NM_006010	113.2844306	10.85959244	2.71E-08	10.43173869
TMEM62	NM_024956	98.2033481	0.77410328	6.76E-11	126.8607829
TMLHE	NM_001184797	74.81595977	0.387941586	5.40E-09	192.8536731
NAT9	NM_015654	133.8146761	10.33769381	9.70E-11	12.94434509
F3	NM_001993	100	5.530708473	9.07E-09	18.08086622
CAND1	NM_018448	95.34620525	1.273311454	4.29E-10	74.88050546
GALNT7	NM_017423	80	0.848848023	5.54E-09	94.2453747
ADCK5	NM_174922	267.5701449	5.381926546	6.66E-28	49.71642452
SCOC-AS1	NR_033939	47.30502215	0.508256721	8.03E-06	93.07308731
TAF5	NM_006951	109.8970423	3.644930396	1.75E-10	30.15065593

HSP90B1	NM_003299	101.8558592	3.284935715	3.83E-10	31.00695661
GPCPD1	NM_019593	71.69369417	0.673475941	1.14E-08	106.4532373
SPPL2B	NM_001077238	115.8764507	1.361112547	1.02E-13	85.13362911
LINC00839	NR_026827	43.91763382	0.405697515	3.72E-06	108.2521637
GTF3C4	NM_012204	74.81595977	3.096808071	9.17E-07	24.15905605
SHPK	NM_013276	112.7541851	2.154440287	3.86E-12	52.33572069
NABP2	NM_024068	87.03989941	3.195927584	9.86E-09	27.23462817
ASNA1	NM_004317	61.59073644	1.026059096	8.71E-08	60.02650012
LIMD2	NM_030576	54.81595977	10.11210525	0.003655647	5.420825675
LOC101927592	NR_104646	31.95881691	0.072674096	0.000300008	439.7552727
HAT1	NR_027862	93.01930787	0.497539523	5.76E-12	186.9586304
PIGB	NM_004855	116.1415735	2.155206537	1.75E-12	53.88883685
DNTTIP2	NM_014597	87.57014489	0.44530329	2.44E-13	196.6528135
MTG2	NM_015666	75.34620525	2.10028027	5.94E-08	35.8743575
SP4	NM_003112	51.42857143	0.080605934	1.22E-07	638.0246298
ACSL4	NM_004458	86.50965393	1.510080166	2.01E-08	57.2881201
RNF10	NM_014868	81.3256137	2.083093035	4.93E-08	39.04079767
MRPS10	NM_018141	80.79536822	3.253143647	6.74E-08	24.83608994
SSSCA1	NM_006396	46.50965393	4.316366893	0.001895872	10.77518549
SCAF11	NM_004719	135.8764507	1.447552885	1.79E-14	93.866312
CCDC23	NM_199342	120	4.706840454	1.27E-11	25.49480934
PLCG1-AS1	NR_109889	60.53024548	4.841102008	7.39E-05	12.5034022
KLHL35	NM_001039548	67.03989941	11.67470612	0.000674362	5.742320085
UBQLN2	NM_013444	97.67310262	3.453020924	1.62E-09	28.28627592
SART3	NM_014706	24.71300204	0.816129192	0.003591528	30.28074754
LOC101927572	NM_001290056	99.5289618	2.839638796	2.52E-10	35.04986689
UCP2	NM_003355	95.61132799	0.262045556	3.29E-15	364.8652901
CCDC147-AS1	NR_108036	69.36679679	0.632094004	1.83E-08	109.7412669
ZNF263	NM_005741	36.40669621	1.612628892	0.000461319	22.57599153
NCL	NM_005381	187.0398994	8.852407624	1.03E-16	21.12870389
PDZD7	NM_001195263	70.95753323	6.489840445	2.39E-05	10.93363294
ZNF252P-AS1	NR_026974	196.1415735	13.94140607	4.33E-15	14.06899508
GLYR1	NM_032569	101.8558592	2.595622689	1.94E-10	39.24139653
ZNF792	NM_175872	39.26383906	1.610293991	0.000191356	24.38302527
NUDCD3	NM_015332	107.8352676	1.849815191	1.11E-10	58.29515734
C15orf38-AP3S2	NM_001199058	50.16216501	3.599072924	0.000103156	13.93752393
TMEM63A	NM_014698	161.3256137	5.79490963	4.54E-14	27.83919405
RARS	NM_002887	175.3462052	1.065686847	9.47E-22	164.5382092
LOC154761	NR_015421	75.08108251	1.852027196	7.17E-08	40.53994599
HIAT1	NM_033055	132.2239396	2.090919526	6.24E-14	63.23722076
ESAM	NM_138961	101.060491	5.769551758	4.42E-09	17.5161772
SDF4	NM_016176	92.22393965	3.11947529	5.22E-09	29.56392697
SDHAP3	NR_003263	91.95881691	0.477330365	3.53E-12	192.6523507
RAD18	NM_020165	58.2033481	0.467117514	6.04E-07	124.6010828
PLD2	NM_002663	126.2445312	3.930000252	9.04E-13	32.12328832
PDCD11	NM_014976	141.5907364	5.00647392	4.17E-13	28.28152881
KDEL1C1	NM_024089	64.71300204	0.961717947	6.25E-08	67.28896164
DESI1	NM_015704	186.2445312	5.835346	1.58E-17	31.91662177
MGAT2	NM_002408	153.0193079	6.018842279	3.31E-14	25.42337891
GREB1L	NM_001142966	93.01930787	0.39880322	1.05E-10	233.2461302
ASF1B	NM_018154	164.713002	4.534770804	2.56E-16	36.32223306
FAM66C	NR_026788	55.87645073	1.154716096	3.13E-06	48.38977384
POLR2B	NM_000938	63.91763382	0.915771595	1.53E-07	69.79647997
IARS2	NM_018060	178.4684708	1.006064691	7.89E-21	177.3926393
CDCA8	NM_001256875	84.4478793	1.460670656	5.06E-10	57.81445596
C10orf10	NM_007021	164.713002	11.45980304	5.96E-13	14.37310934
LRRC41	NM_006369	106.5096539	7.30724892	1.21E-08	14.57588965
SLC2A1-AS1	NR_033967	44.4478793	2.596212995	0.000212213	17.12027456
CIRH1A	NM_032830	94.81595977	1.18771639	1.98E-10	79.83047178
MYO9A	NM_006901	169.3667968	0.039093804	3.40E-26	4332.318105
BOK-AS1	NR_033346	146.2445312	5.825416426	9.56E-14	25.10456258
LOC100505549	NM_001242804	63.91763382	1.735460092	2.90E-06	36.83036799
SAT2	NM_133491	123.1222656	20.94224406	5.56E-06	5.879134311
FANCM	NM_020937	89.63191953	1.20915397	4.11E-09	74.12779657

NUP88	NM_002532	136.4066962	3.240095903	2.47E-13	42.09958603
TMEM101	NM_032376	78.73359358	11.88135914	3.58E-05	6.626648742
MTFMT	NM_139242	175.0810825	3.406635376	6.88E-18	51.39413621
FAM64A	NM_019013	83.38738834	4.420942902	1.06E-07	18.86190122
ARFGEF2	NM_006420	106.5096539	1.771175168	2.29E-10	60.13501987
WBP4	NM_007187	163.9176338	0.815825205	3.55E-22	200.9224928
NDUFB7	NM_004146	78.46847084	9.325330381	3.21E-05	8.414551296
GPSM2	NM_013296	97.93822536	0.298273302	1.06E-13	328.3506263
ITGB8	NM_002214	43.1222656	0.500897053	3.73E-05	86.09007646
ZNF517	NM_213605	175.0810825	3.182529611	9.64E-20	55.01318256
FTSJ2	NM_013393	103.6525111	1.543744011	1.01E-12	67.1435875
LINC00998	NR_024412	44.18275656	3.908897383	0.002409799	11.30312521
RAB33B	NM_031296	175.0810825	1.798829102	3.29E-20	97.3305815
RHOF	NM_019034	108.6306359	12.9608969	1.68E-07	8.381413467
CDK4	NM_000075	75.08108251	12.01908038	0.000190129	6.246824226
FAM126A	NM_032581	129.3667968	0.320613542	1.08E-17	403.4976066
SCO1	NM_004589	106.7747767	1.990005469	2.83E-12	53.65551922
KIAA0195	NM_014738	53.01930787	2.401867936	3.61E-05	22.07419778
LIX1L	NM_153713	49.63191953	0.512991353	1.08E-06	96.75001199
ARHGAP31	NM_020754	41.3256137	2.078766336	0.00130898	19.87987442
ARID5A	NM_212481	105.2794085	1.487034184	5.64E-13	71.26897929
ZNF852	NM_001287349	117.9382254	2.676715611	5.45E-13	44.06079781
FAM219B	NM_020447	73.54955335	15.84420484	0.000981397	4.642047618
LINC01232	NR_110731	52.75418513	9.229149587	0.004355822	5.716039667
LGALS1	NM_014181	63.65251108	10.09689079	0.000324264	6.304169512
NFKBIA	NM_020529	188.8365513	16.11186803	1.08E-13	11.72033876
ICMT	NM_012405	117.6731026	7.620202452	2.00E-09	15.44225411
MMP11	NM_005940	100.5302455	6.433856312	1.03E-08	15.62519282
UBA6-AS1	NR_015439	57.93822536	0.282377955	9.65E-09	205.1797047
RNF220	NM_018150	46.50965393	1.056317655	4.28E-05	44.02998825
C7orf26	NM_024067	84.97812478	1.245867524	3.86E-10	68.20799412
KISS1R	NM_032551	37.93822536	3.948954632	0.002473264	9.607156551
PIGL	NM_004278	133.5495533	1.506064624	1.33E-13	88.67451714
SLC7A6OS	NM_032178	104.713002	4.303350307	5.40E-10	24.33290217
LOC100996654	NR_110040	123.9176338	0.878951362	2.77E-14	140.9834937
DDX1	NM_004939	138.2033481	2.376021091	1.28E-14	58.16587597
TAF1D	NM_024116	132.4890624	9.646957924	1.36E-10	13.73376596
ASAH2B	NM_001079516	179.5289618	0.9312391	1.86E-24	192.7850342
RNF11	NM_014372	121.060491	1.714777325	3.92E-13	70.59837401
FASTKD1	NR_104020	63.38738834	0.296194701	9.13E-09	214.0058152
VPS37B	NM_024667	121.5907364	4.751496907	1.97E-11	25.58998539
ALKBH1	NM_006020	41.59073644	0.559853125	1.64E-05	74.28865634
MTMR4	NM_004687	47.0991067	3.398144259	0.000268754	13.86024345
KDM4D	NM_018039	57.93822536	0.323120426	2.01E-08	179.3084579
KIAA1468	NM_020854	133.0193079	0.982949532	2.65E-15	135.3266913
KIAA0368	NM_001080398	77.93822536	1.353900999	1.97E-07	57.56567533
ZNF346	NM_012279	87.30502215	2.497310475	7.16E-09	34.95961877
ARHGEF26-AS1	NR_037901	109.6319195	0.114811298	2.92E-16	954.8878996
BRCA2	NM_000059	155.0810825	0.622391225	2.62E-19	249.1697767
PRKAR2A	NM_004157	150.6924105	0.423535099	1.59E-19	355.7967472
MTMR9LP	NR_026850	81.3256137	14.94276029	0.000153872	5.442475963
RGS2	NM_002923	190.6924105	10.66730651	1.69E-16	17.87634117
CWF19L1	NM_018294	84.18275656	1.672532221	1.12E-08	50.33251706
WDR45B	NM_019613	95.34620525	2.680285561	1.17E-09	35.57315185
EHD2	NM_014601	149.6319195	5.997606986	4.49E-13	24.94860365
CCDC137	NM_199287	185.773493	14.01631798	3.45E-14	13.25408665
TRIM25	NM_005082	215.3462052	2.453519079	4.32E-24	87.7703406
MZT2B	NM_025029	77.67310262	10.82978728	6.25E-05	7.172172508
TBL2	NM_012453	112.4890624	6.279002817	1.79E-09	17.91511577
KLHL20	NM_014458	156.4066962	0.75229031	3.44E-18	207.9073651
MFS1D2	NM_174983	80.79536822	1.740527553	2.41E-09	46.42004552
MRPL41	NM_032477	146.2445312	14.66114731	3.63E-06	9.974971813
VASN	NM_138440	124.713002	10.15176182	1.44E-09	12.28486289
KIAA1919	NM_153369	117.9382254	3.473873469	7.10E-12	33.95006365

PPID	NM_005038	141.3256137	1.988456723	2.54E-16	71.0730146
PKP3	NM_007183	107.5701449	2.005201968	1.75E-12	53.64554125
WWTR1	NM_015472	96.40669621	2.100672627	2.58E-09	45.89325104
RPRD1A	NM_018170	65.773493	1.938790298	2.86E-06	33.92501658
USP22	NM_015276	124.713002	6.664843621	2.19E-10	18.71206725
HEATR1	NM_018072	35.34620525	1.427700128	0.003692713	24.75744349
ATP5D	NM_001687	95.08108251	12.83564879	8.86E-06	7.407579004
FAM216A	NM_013300	53.01930787	3.282799944	2.74E-05	16.15063628
SLC35F2	NM_017515	100.5302455	1.895639494	4.98E-10	53.03236496
AK1	NM_000476	74.81595977	4.416084462	6.33E-07	16.94169584
RAB20	NM_017817	152.4890624	1.471064831	2.33E-17	103.6589681
NR4A2	NM_006186	130.9575332	0.103947986	2.57E-21	1259.837139
ESPL1	NM_012291	59.5289618	3.094052005	6.92E-06	19.23980648
UFC1	NM_016406	66.24453119	10.90498433	0.000409373	6.0747021
PER2	NM_022817	31.69369417	0.24091193	0.000300008	131.5571802
ARC	NM_015193	209.1016741	25.76352305	6.58E-13	8.116191007
ABCA3	NM_001089	40.26512274	0.044022934	1.96E-06	914.639694
DOCK5	NM_024940	132.4890624	1.186633907	3.39E-14	111.6511686
PEX6	NM_000287	104.1827566	8.582054464	7.82E-08	12.13960561
RNF223	NM_001205252	135.611328	6.816725756	4.31E-12	19.8939099
MALT1	NM_173844	120.2651227	0.738999284	1.41E-14	162.7405132
FAM162A	NM_014367	187.5701449	1.508003921	1.87E-23	124.3830618
SUDS3	NM_022491	49.36679679	0.947630218	6.89E-06	52.0950006
TUSC2	NM_007275	93.54955335	5.370906607	1.60E-08	17.41783282
CDC73	NM_024529	144.713002	1.809762467	1.72E-14	79.96242859
ERO1LB	NM_019891	87.83526763	0.176349067	6.98E-13	498.0761688
COG2	NM_007357	86.77477667	0.836644172	1.47E-10	103.7176611
CCDC57	NM_198082	110.162165	4.778015682	1.27E-09	23.05604928
BIK	NM_001197	120	10.16467812	2.70E-09	11.8055878
TMEM57	NM_001282564	43.91763382	1.36742076	0.000528207	32.11713256
DDRGK1	NM_023935	222.1209819	6.127584214	5.14E-22	36.24935605
RHOT2	NM_138769	46.50965393	0.420193314	1.32E-06	110.6863255
CHD9	NM_025134	77.67310262	0.534887086	1.29E-08	145.2140175
FAM105A	NM_019018	51.95881691	1.075000551	3.02E-05	48.33375839
GINS4	NM_032336	138.2033481	3.031875775	9.77E-15	45.5834468
OSGIN1	NM_182981	205.773493	1.665298813	5.04E-27	123.5655075
STAG3L2	NR_040584	143.9176338	4.069882405	3.10E-15	35.3616197
SELT	NM_016275	156.1415735	1.638475383	1.04E-18	95.29686872
CC2D1A	NM_017721	77.67310262	1.184736392	1.13E-08	65.56150649
SRFBP1	NM_152546	49.10167405	0.33480899	3.18E-06	146.6557815
PTPN9	NM_002833	73.28443061	1.17884762	2.45E-08	62.16616074
MRPS9	NM_182640	103.3873883	0.770155754	1.11E-12	134.2421813
FRAT1	NM_005479	126.7747767	1.99616843	1.62E-14	63.50905804
CDKL2	NM_003948	34.55083703	0.289875563	0.000180826	119.1919618
GRB2	NM_002086	176.4066962	2.909197318	8.60E-18	60.63758381
AP3S1	NM_001284	101.8558592	0.781136273	1.95E-12	130.3944813
TOR4A	NM_017723	90.42728775	5.356898549	2.98E-08	16.8805302
FBXL14	NM_152441	61.06049096	0.857493375	1.34E-06	71.20811981
WBSCR27	NM_152559	175.0810825	11.57340402	8.74E-14	15.12788132
ZCCHC8	NM_017612	107.0398994	3.453249288	7.07E-10	30.99686425
RTN4RL2	NM_178570	71.69369417	4.159130573	2.31E-06	17.23766371
POFUT1	NM_172236	132.7541851	3.622679402	1.22E-13	36.64530321
KPNA2	NM_002266	157.4671872	6.582772853	1.59E-14	23.92110296
LOC646719	NR_046262	184.1827566	8.703459431	1.78E-16	21.16201701
TMEM184C	NM_018241	138.7335936	1.71415323	4.57E-16	80.93418436
NDUFA6	NM_002490	61.06049096	14.97690064	0.004598388	4.076977768
ZNF496	NM_032752	58.2033481	2.352597093	1.36E-05	24.74004082
BAIAP2L1	NM_018842	132.4890624	3.043646543	8.75E-13	43.52971363
CHURC1-FNTB	NM_001202559	50.16216501	3.088701564	0.000111218	16.24053472
TUBB6	NM_032525	132.4890624	4.346244679	3.94E-13	30.48357195
RBM42	NM_024321	49.89704227	2.441229794	2.97E-05	20.43930579
NOP56	NR_027700	209.8970423	20.309072	2.15E-14	10.33513704
RUVBL1	NM_003707	123.9176338	2.287140405	6.94E-13	54.18016032
BNIP3	NM_004052	66.50965393	1.781302929	2.57E-07	37.33764362

PROSER1	NM_025138	84.18275656	0.307026319	1.92E-12	274.1874278
MSH2	NM_001258281	81.59073644	0.436683927	2.01E-10	186.8416292
HADHA	NM_000182	70.42728775	1.819138474	4.90E-07	38.71463813
FSTL1	NM_007085	50.16216501	0.613128214	2.65E-06	81.81349979
TMEM221	NM_001190844	49.89704227	2.837225484	6.36E-05	17.58656214
TOPBP1	NM_007027	67.03989941	0.782905585	6.74E-08	85.62960941
TFAP2C	NM_003222	146.5096539	3.065205608	6.21E-16	47.7976595
EAF2	NM_018456	97.67310262	0.036027444	4.18E-17	2711.075001
CPOX	NM_000097	118.9987163	10.66559075	8.75E-09	11.15725505
C16orf58	NM_022744	66.77477667	3.746395111	9.70E-06	17.82374114
CRTC2	NM_181715	117.4079799	3.368683476	1.21E-12	34.85277876
XPO4	NM_022459	86.50965393	0.708635539	7.11E-10	122.0791919
PIK3CD	NM_005026	61.85585918	3.527087156	7.41E-06	17.53737757
C1QBP	NM_001212	150.4272878	6.867887944	3.88E-14	21.90299099
SPTLC2	NM_004863	80.53024548	0.18722001	1.07E-10	430.1369571
DHRS11	NM_024308	72.22393965	4.128812353	8.04E-07	17.49266701
OSTM1	NM_014028	138.4684708	0.535719598	3.38E-18	258.471916
SMG1P3	NR_027155	170.162165	1.772819566	1.20E-18	95.98391638
MED19	NM_153450	68.10039037	6.108101273	1.56E-05	11.14919143
USPL1	NM_005800	82.38610466	1.794476023	1.75E-08	45.91095317
CCDC174	NM_016474	120.5302455	2.601307885	2.60E-12	46.33447896
XRCC2	NM_005431	123.3873883	1.37324439	2.77E-14	89.85100482
PRDX2	NM_005809	155.0810825	15.66420508	1.25E-10	9.900348068
ABCA1	NM_005502	35.08108251	0.179571406	0.000285154	195.3600698
ADM	NM_001124	203.3873883	25.08379395	5.63E-12	8.108318413
TTPA	NM_000370	83.65251108	0.381608155	5.38E-11	219.210491
COTL1	NM_021149	150.162165	3.00816104	1.51E-15	49.91826002
TMEM43	NM_024334	80.79536822	5.390702181	4.35E-07	14.98791169
ZZEF1	NM_015113	30.16216501	0.774274598	0.001193983	38.95538492
LOC101929431	NR_120660	107.5701449	2.384814053	5.16E-12	45.10630283
NOMO3	NM_001004067	138.9987163	1.304512424	3.48E-15	106.5522365
TMEM42	NM_144638	92.48906239	7.413480844	1.79E-07	12.47579434
DENND3	NM_014957	71.95881691	1.623807137	5.47E-07	44.31487906
EEF1E1-BLOC1S5	NR_037618	115.0810825	1.626523469	1.61E-11	70.75279556
HOXA9	NM_152739	113.2844306	21.31282589	6.68E-06	5.315317226
SFXN1	NM_022754	98.73359358	2.272376739	4.00E-10	43.44948259
ZNF75A	NM_153028	89.63191953	2.8995381	6.59E-09	30.91248207
FAM76B	NM_144664	109.3667968	0.694441947	2.19E-14	157.4887537
MAF1	NM_032272	127.5701449	14.87601329	9.93E-09	8.575560027
PIK3AP1	NM_152309	78.2033481	1.383262079	2.04E-07	56.53545287
SFT2D1	NM_145169	58.2033481	2.486072397	1.03E-05	23.41176716
HDAC3	NM_003883	166.7747767	1.978479374	1.08E-19	84.2944227
HMGN4	NM_006353	86.24453119	2.894466597	4.31E-09	29.79634703
PCGF3	NM_006315	115.3462052	2.471471502	1.94E-11	46.67106424
DDX24	NM_020414	131.9588169	2.797931247	4.31E-14	47.16299482
IER3IP1	NM_016097	83.91763382	3.278672969	1.25E-07	25.59499975
SMYD2	NM_020197	148.8365513	0.326556548	2.12E-21	455.7757374
NPHP3	NM_153240	92.22393965	1.557508289	1.30E-09	59.2124872
KLF13	NM_015995	80.26512274	3.306987978	9.87E-08	24.27136817
FAM50A	NM_004699	49.10167405	0.890488841	3.26E-06	55.14013405
CALR	NM_004343	183.3873883	6.466021081	7.55E-18	28.36170592
CYP2U1	NM_183075	98.46847084	0.14425586	3.17E-15	682.5959859
PLD6	NM_178836	75.08108251	0.734924676	7.18E-10	102.1616023
MET	NM_000245	55.08108251	3.519228864	5.85E-05	15.65146361
ZNF396	NM_145756	49.10167405	1.889453794	2.97E-05	25.98723198
RPS3A	NM_001267699	155.3462052	9.317005788	3.92E-13	16.67340439
PRH1-PRR4	NR_037918	135.0810825	0.373962306	2.99E-15	361.215771
LOC389831	NM_001242480	256.6718189	2.780201384	2.71E-27	92.32130464
MOAP1	NM_022151	146.5096539	9.084959189	4.13E-12	16.12661663
GNPTG	NM_032520	67.03989941	2.20305726	2.57E-07	30.43039355
ZBTB7C	NM_001039360	57.67310262	0.812053234	1.49E-06	71.02133231
DUSP11	NM_003584	149.3667968	2.116932365	8.21E-17	70.55813366
SLC25A33	NM_032315	160.5302455	2.455937742	3.98E-17	65.36413474
SCAND2P	NR_003654	81.06049096	7.786738629	8.32E-06	10.41006958

FAM210B	NM_080821	91.42857143	4.773965248	3.28E-08	19.15149497
SPCS1	NM_014041	109.1016741	13.67514916	1.24E-06	7.978097556
PCSK7	NM_004716	89.36679679	4.057938204	6.09E-08	22.02271013
FOSB	NM_001114171	86.50965393	11.59733493	8.11E-06	7.459442576
LAPTM4A	NM_014713	109.3667968	0.746912025	2.19E-14	146.4252726
CYSRT1	NM_199001	43.38738834	5.252202773	0.002938975	8.260798414
TSEN54	NM_207346	95.34620525	11.11874465	1.34E-06	8.575267103
SLC35F6	NM_017877	121.8558592	7.037813835	9.44E-11	17.31444764
TTBK2	NM_173500	93.54955335	0.521277895	7.36E-11	179.461961
ZNF280C	NM_017666	101.060491	0.268922834	6.47E-14	375.7973599
AHR	NM_001621	178.2033481	1.366517473	2.24E-20	130.4069298
DKFZP434I0714	NR_033797	93.01930787	8.510327783	2.29E-07	10.93016747
LOC100379224	NR_033341	29.89704227	1.199929067	0.00453202	24.91567468
FBXO46	NM_001080469	75.61132799	6.304774244	1.11E-05	11.99270982
MORC3	NM_015358	61.3256137	2.126504604	9.72E-06	28.83869312
CA8	NM_004056	109.6319195	0.031835096	1.20E-18	3443.743921
CTSD	NM_001909	35.08108251	2.67355307	0.002338344	13.12152091
PYURF	NM_032906	187.5701449	10.21949614	5.29E-16	18.35414802
THOC3	NM_032361	124.4478793	4.959098	1.55E-12	25.09486187
FAM102A	NM_001035254	107.5701449	4.928430608	1.02E-09	21.82645013
OXSR1	NM_005109	143.6525111	1.748987147	1.37E-14	82.13468652
RBM33	NM_053043	115.0810825	1.283592401	2.25E-11	89.65547195
H3F3B	NM_005324	219.7940845	29.51286665	7.92E-13	7.447398693
APPL1	NM_012096	115.8764507	0.621826022	3.28E-14	186.3486678
SPIRE2	NM_032451	78.2033481	3.405967786	1.74E-07	22.96068343
TYMSOS	NM_001012716	169.3667968	12.19126695	1.41E-13	13.89246888
MEX3C	NM_016626	37.67310262	3.659874372	0.001944616	10.29355076
NUDT16L1	NM_032349	73.01930787	14.49166404	0.000523636	5.03871106
RPL11	NM_000975	89.89704227	15.02759347	3.32E-05	5.982131634
MAGEE1	NM_020932	94.28571429	5.300212514	2.41E-08	17.78904412
ARSJ	NM_024590	68.83655131	0.092962527	1.84E-10	740.4763386
POLA1	NM_016937	54.28571429	0.562134703	4.57E-06	96.57065113
GPR157	NM_024980	145.7142857	2.449156977	2.47E-15	59.4956906
FAM188B	NM_032222	66.50965393	0.734764571	1.54E-07	90.51831915
DECR1	NM_001359	132.4890624	1.567591494	3.49E-14	84.5175946
RNMTL1	NM_018146	106.2445312	8.355113735	1.81E-08	12.71610831
CCDC122	NM_144974	92.22393965	1.04760186	5.20E-10	88.03338669
TMTC3	NM_181783	78.73359358	0.785716567	9.05E-10	100.2061008
SPDL1	NM_017785	46.50965393	0.144021208	1.95E-07	322.9361463
USP45	NM_001080481	197.9382254	0.866495959	1.20E-22	228.4352551
TNFRSF10A	NM_003844	115.8764507	2.329805588	1.75E-12	49.73653222
SMKR1	NM_001195243	83.91763382	2.780256873	1.62E-08	30.18341025
VPS4A	NM_013245	127.0398994	10.85963803	2.28E-09	11.69835487
EHD4	NM_139265	161.3256137	2.007579877	1.29E-16	80.358254
B4GALT7	NM_007255	181.5907364	11.69583255	6.37E-15	15.52610604
LRRC58	NM_001099678	210.162165	1.095053864	3.09E-28	191.9194771
BFAR	NM_016561	35.87645073	3.632683712	0.002198961	9.876018274
SNX27	NM_030918	103.9176338	0.584504761	1.46E-12	177.7874891
APLF	NM_173545	108.8365513	0.119778594	6.65E-16	908.6477624
TXNDC17	NM_032731	138.4684708	21.39363267	6.74E-08	6.472415087
WIPF3	NM_001080529	81.06049096	1.164121901	5.40E-09	69.63230476
SARS	NR_034072	134.3449216	12.25995739	4.48E-10	10.95802516
DKK1	NM_012242	244.1827566	23.98692743	2.75E-16	10.17982638
ITFG2	NM_018463	104.713002	2.969860676	3.81E-11	35.25855704
C14orf142	NM_032490	116.6718189	2.066193968	6.84E-14	56.46702136
TUBB2A	NM_001069	117.9382254	10.76427115	9.99E-09	10.95645248
SAPCD2	NM_178448	143.3873883	11.46064688	5.90E-11	12.51128229
MAP3K14	NM_003954	132.2239396	3.395728557	3.38E-13	38.93831248
ROR2	NM_004560	106.7747767	0.706995962	9.63E-12	151.0260064
IFT57	NM_018010	35.34620525	0.872185687	0.000454151	40.52600928
LOC389247	NR_033995	82.85714286	0.298083337	1.01E-12	277.9663692
SIX5	NM_175875	143.6525111	17.58101645	6.26E-09	8.170887701
PAK1IP1	NM_017906	103.3873883	1.113468603	3.00E-13	92.85164219
TOE1	NM_025077	147.0398994	19.98593132	1.38E-08	7.357170253

ATP6V1B2	NM_001693	107.3050222	2.625653391	1.05E-11	40.8679312
LOC100288748	NR_034034	174.875167	32.63157117	3.16E-08	5.359078978
CCDC109B	NM_017918	129.8970423	0.249522038	6.53E-17	520.5834448
COX6A1	NM_004373	110.4272878	4.159774137	4.81E-11	26.54646241
ARHGAP18	NM_033515	89.10167405	2.981350887	2.28E-08	29.88634261
MYH7B	NM_020884	109.8970423	3.160899128	6.95E-11	34.76765244
C6orf57	NM_145267	153.0193079	1.962944135	3.27E-17	77.95398001
TRUB2	NM_015679	97.93822536	1.547977257	5.45E-12	63.26851699
ZBTB25	NM_006977	93.54955335	3.188141076	3.40E-09	29.34297797
TMEM261	NM_033428	63.38738834	4.003139992	2.24E-05	15.8344171
C11orf1	NM_022761	61.3256137	7.496947185	0.000291136	8.180078129
KLHL26	NM_018316	60.53024548	1.043356378	2.60E-06	58.0149283
C19orf24	NM_017914	123.3873883	21.30237418	1.66E-06	5.792189513
ATG2A	NM_015104	130.6924105	0.377674898	2.62E-19	346.0447366
FAHD2CP	NR_003698	141.5907364	4.473780134	3.56E-14	31.64901542
FMNL2	NM_052905	121.5907364	1.432883555	8.76E-12	84.8573745
C6orf147	NR_027005	141.3256137	3.312466405	1.56E-13	42.66476891
DYRK3	NM_003582	137.6731026	0.493909129	1.42E-20	278.7417656
ERGIC1	NM_001031711	43.38738834	2.347002744	0.00070143	18.48629638
LDLRAP1	NM_015627	192.4890624	3.969032522	7.52E-20	48.49772869
PPP5D1	NM_001205281	26.24453119	0.874726115	0.004922171	30.00314125
IFT52	NM_016004	107.0398994	0.760094263	3.41E-13	140.8245065
IDII	NM_004508	67.03989941	5.692052681	3.15E-05	11.77780727
ZXDB	NM_007157	51.95881691	6.80019172	0.000693742	7.640787062
IFNGR1	NM_000416	110.9575332	0.60257226	5.52E-15	184.1397964
KIF18A	NM_031217	35.87645073	0.119009357	3.96E-05	301.4590744
THAP2	NM_031435	80.53024548	4.240111876	2.67E-07	18.99248129
BSN-AS2	NR_038866	33.01930787	1.384096657	0.000581095	23.85621532
HDHD2	NM_032124	163.9176338	1.345184058	9.10E-19	121.8551713
FAM86DP	NR_024241	132.2239396	3.129482539	3.18E-14	42.25105525
NUCKS1	NM_022731	40.53024548	2.697317337	0.001059083	15.02613168
PSMA2	NM_002787	61.06049096	0.665541235	1.83E-07	91.74561651
GPR89B	NM_016334	164.4478793	0.627220795	4.47E-20	262.1849922
C11orf84	NM_138471	49.10167405	2.920850975	7.27E-05	16.81074264
SLBP	NM_006527	101.060491	2.713401384	6.54E-10	37.24494708
SBF1	NM_002972	34.55083703	3.540915715	0.003979482	9.75599391
ARL2-SNX15	NR_037650	83.65251108	5.141153653	3.07E-07	16.27115561
SMG7-AS1	NR_040063	104.713002	3.289632798	3.81E-11	31.83121293
GMPS	NM_003875	125.9794085	1.085042222	1.30E-13	116.1055357
PRR34-AS1	NR_027034	49.36679679	6.650734174	0.001112282	7.422758977
BMS1P20	NR_027293	95.34620525	0.143237805	2.55E-14	665.6497253
IRF1	NM_002198	206.2445312	2.182024317	2.84E-26	94.51981338
TMEM144	NM_018342	75.34620525	1.599544589	1.59E-07	47.10478579
NIPAL1	NM_207330	187.8352676	1.348265855	1.76E-23	139.3161941
REXO1	NM_020695	46.50965393	2.548379593	0.000253051	18.25067744
UCK2	NM_012474	131.6936942	2.251303172	3.64E-13	58.49665021
ST14	NM_021978	112.2239396	1.546254461	8.40E-12	72.57792458
TOX4	NM_014828	41.06049096	2.890246601	0.00087604	14.2065701
SPTY2D1	NM_194285	95.34620525	2.147929633	4.87E-10	44.38981788
MTCP1	NM_001018025	60	2.147204422	3.64E-06	27.94331057
WNT9A	NM_003395	120.2651227	3.643029202	1.53E-11	33.01239603
ZNF740	NM_001004304	71.95881691	9.651082925	6.52E-05	7.456035501
NEU3	NM_006656	129.6319195	2.345374243	8.34E-14	55.27131541
SQLE	NM_003129	94.34492157	0.550124682	2.50E-12	171.4973435
HNRNPA0	NM_006805	166.5096539	15.29774522	6.18E-12	10.88458799
PAPSS1	NM_005443	109.1016741	1.708100209	9.81E-11	63.87311087
TMSB4X	NM_021109	83.91763382	8.76299568	7.06E-06	9.576363709
ATP6AP1	NM_001183	55.87645073	0.994970994	2.87E-07	56.15887404
MED28	NM_025205	115.3462052	1.590557065	5.22E-14	72.51937561
RNF126	NM_194460	94.81595977	2.244389845	1.04E-09	42.24576224
DDX50	NM_024045	155.611328	2.088637325	1.22E-16	74.50375712
ARPP19	NM_006628	126.7747767	2.10456415	1.95E-14	60.23801967
RNF123	NM_022064	134.550837	7.018518088	2.13E-11	19.17083284
FLJ36777	NR_027441	137.6731026	3.321635882	5.98E-15	41.4473794

CBX6	NM_014292	71.42857143	5.875488774	6.47E-06	12.1570433
SPPL2A	NM_032802	214.8159598	0.706939491	5.76E-27	303.8675339
ATP6V0E1	NM_003945	88.10039037	2.508017629	8.92E-09	35.12750044
LRRK1	NM_024652	43.1222656	0.069611318	5.54E-06	619.4720488
ISY1-RAB43	NM_001204890	46.77477667	1.509530869	0.000287331	30.9863002
RNASEH2A	NM_006397	93.01930787	6.264701951	6.77E-08	14.84816175
THBS1	NM_003246	123.9176338	2.629962595	4.13E-13	47.11764116
ZNF572	NM_152412	135.611328	7.799305887	7.32E-12	17.387615
TRIP11	NM_004239	60.26512274	1.051244842	6.02E-07	57.32738971
MCOLN2	NM_153259	121.060491	1.117723456	8.60E-13	108.3098778
C19orf43	NM_024038	149.6319195	7.49382746	3.05E-13	19.96735584
PDAP1	NM_014891	89.89704227	10.45004507	2.23E-06	8.602550672
ST7-OT4	NR_002329	61.59073644	1.483905194	3.16E-07	41.50584329
TEFM	NM_024683	113.8146761	6.163531121	2.98E-10	18.46582322
VPS25	NM_032353	122.3861047	5.172347162	5.75E-12	23.66161838
THAP6	NM_144721	122.1209819	2.691738979	3.73E-13	45.3688054
FADD	NM_003824	115.8764507	21.44048287	2.71E-06	5.40456348
RPS8	NM_001012	196.1415735	18.39931644	8.61E-14	10.66026415
USP35	NM_020798	58.2033481	0.550241855	7.98E-08	105.7777549
ZNF720	NM_001130913	145.9794085	0.02218827	1.12E-26	6579.125363
VEZFI	NM_007146	48.57142857	2.146239532	6.16E-05	22.63094489
KLC3	NM_177417	104.4478793	11.89808329	1.70E-07	8.778546661
WDR61	NM_025234	111.9588169	4.290190579	6.22E-11	26.09646701
KIAA1279	NM_015634	102.3861047	0.093017449	1.26E-17	1100.719334
IK	NM_006083	55.34620525	0.179355701	9.07E-08	308.5834729
CPNE2	NM_152727	43.1222656	1.301252785	0.000467315	33.13903807
BOP1	NM_015201	154.8159598	3.687074675	2.52E-15	41.98883218
SETD2	NM_014159	94.81595977	0.336048027	1.64E-11	282.1500265
TEN1	NM_001113324	70.69241049	4.082984035	3.01E-06	17.31390813
APOBEC3C	NM_014508	81.85585918	5.592777903	3.58E-07	14.63599317
NRBP1	NM_013392	155.0810825	8.341111984	2.00E-13	18.59237507
GET4	NM_015949	118.2033481	3.492534508	1.26E-11	33.84457558
GTPBP4	NM_012341	89.89704227	1.207052496	5.92E-10	74.47649754
SLC45A1	NM_001080397	83.91763382	1.997030424	8.29E-09	42.02120949
MAP6D1	NM_024871	92.22393965	5.366329396	4.45E-08	17.18566507
LOC101926913	NR_110185	54.81595977	0.842220341	2.19E-06	65.08505801
CDK17	NM_002595	92.48906239	1.115941149	3.00E-10	82.87987451
MKX-AS1	NR_121652	35.34620525	0.159127862	2.87E-05	222.1245535
IPO13	NM_014652	107.0398994	2.304889058	9.70E-12	46.44036947
TUBG2	NM_016437	162.3861047	12.13957525	1.81E-12	13.37658866
YY1	NM_003403	85.97940845	4.254695713	1.97E-07	20.20812163
SLC16A9	NM_194298	92.48906239	0.351283519	2.31E-12	263.2889312
LRRC40	NM_017768	77.67310262	0.511145338	8.48E-10	151.9589378
MDGA1	NM_153487	63.38738834	1.998647054	5.17E-06	31.71514861
CRISPLD2	NM_031476	173.8146761	1.20720175	8.60E-19	143.9814647
CHST3	NM_004273	50.42728775	2.857933532	8.22E-05	17.6446678
NTSR1	NM_002531	109.3667968	14.34996583	3.86E-07	7.621397718
KCNQ1OT1	NR_002728	117.9382254	1.650798808	8.53E-12	71.44312488
HIST2H2BC	NR_036461	97.67310262	15.2255476	0.002547409	6.415079783
NAGLU	NM_000263	89.89704227	10.62690425	4.79E-06	8.459381973
GBA2	NM_020944	121.8558592	8.451307113	4.16E-10	14.41858136
KDM5A	NM_001042603	76.14157347	1.516738483	1.94E-07	50.20085818
TSTA3	NM_003313	173.2844306	9.530269886	2.19E-15	18.18253131
PHF13	NM_153812	71.95881691	6.843868968	1.18E-05	10.51434755
TRIM6-TRIM34	NM_001003819	27.03989941	0.743216629	0.00372169	36.38225836
RRP7B	NR_002184	132.7541851	6.372828801	5.89E-12	20.83128062
CEP250	NM_007186	87.30502215	0.436830428	1.13E-11	199.8602127
PHKA2	NM_000292	80.53024548	0.396189698	5.22E-10	203.2618364
RPL18A	NM_000980	130.4272878	13.18333903	4.01E-09	9.893342459
LOC101927211	NR_110742	37.67310262	0.884117741	0.00020276	42.61095651
RECK	NM_021111	150.162165	0.853628046	9.30E-17	175.9105336
PRRX2	NM_016307	49.10167405	2.600928489	0.000164031	18.87851752
CXCL2	NM_002089	106.5096539	6.664257405	1.69E-08	15.98222389
CEP83-AS1	NR_027035	121.5907364	4.997714779	8.17E-12	24.32926684

FUBP3	NM_003934	100.7953682	1.971573006	4.12E-10	51.12433977
ZMPSTE24	NM_005857	117.9382254	1.488924412	4.80E-13	79.21035107
ATAD5	NM_024857	74.55083703	1.432412943	2.14E-07	52.0456321
L3MBTL2	NM_031488	47.57014489	2.64874623	0.000110779	17.95949508
LINC00662	NR_027301	107.3050222	11.6000667	2.84E-07	9.250379758
SP140L	NM_138402	44.18275656	0.052412642	1.04E-06	842.9789977
LATS2	NM_014572	98.73359358	2.581922204	1.03E-09	38.24034412
B3GNT2	NM_006577	172.4890624	3.060404058	9.82E-18	56.36153237
PHLPP1	NM_194449	46.24453119	0.682000784	3.91E-05	67.80715259
CWC15	NM_016403	75.61132799	0.648222155	3.76E-10	116.6441589
VAMP3	NM_004781	35.08108251	1.013983273	0.00089422	34.59729903
PARP1	NM_001618	158.2033481	1.654761389	2.29E-17	95.60493083
SFXN2	NM_178858	96.40669621	2.004200617	1.26E-10	48.10231838
DYNC1L1	NM_016141	122.8571429	1.071638155	6.05E-14	114.6442409
WFDC21P	NR_030732	31.95881691	1.98762396	0.001919256	16.07890504
DARS-AS1	NR_110200	130.9575332	2.718159628	9.70E-14	48.17875003
ATP8B1	NM_005603	41.06049096	1.185188213	0.000160663	34.64470073
DOT1L	NM_032482	54.55083703	3.076307204	4.92E-05	17.73257136
PUS3	NM_031307	84.4478793	5.345926162	1.93E-07	15.79667895
LOC100130691	NR_026966	84.18275656	0.923631439	1.88E-09	91.14323418
WWC2	NM_024949	72.22393965	1.057468298	7.65E-08	68.29891712
LSM7	NM_016199	92.48906239	5.696469767	2.27E-08	16.23620702
DENND6A	NM_152678	173.2844306	0.210459382	2.39E-26	823.3628203
LOC101926895	NR_120372	83.91763382	2.558642445	6.68E-08	32.79771818
SEMA3C	NM_006379	49.36679679	0.407454195	1.21E-05	121.1591324
LGALS3BP	NM_005567	153.8146761	6.237668146	8.62E-15	24.65900277
AAK1	NM_014911	120.7953682	0.53538129	7.98E-14	225.6249339
AKIRIN2	NM_018064	109.3667968	3.857653432	3.70E-10	28.35060192
ILKAP	NM_030768	106.2445312	3.062480461	7.22E-11	34.69231316
LINC00482	NR_038080	71.22265597	9.386937355	3.78E-05	7.587422103
KLHL18	NM_025010	89.10167405	0.153283806	3.37E-13	581.2856328
SLC25A43	NM_145305	97.40797988	1.133387211	2.39E-10	85.94413182
TXNL4A	NM_006701	137.6731026	3.218032951	1.18E-14	42.78175666
BHLHE40	NM_003670	46.50965393	3.457959777	0.000360501	13.45002745
RPS12	NM_001016	209.1016741	18.64480652	1.08E-14	11.21500906
C19orf10	NM_019107	55.61132799	2.586056824	1.13E-05	21.50429467
FEM1B	NM_015322	157.4079799	5.749648255	9.70E-15	27.37697558
EAPP	NM_018453	109.8970423	0.275085752	4.38E-16	399.5010338
GFER	NM_005262	123.1222656	9.031670096	7.71E-10	13.6322811
DLAT	NM_001931	123.1222656	2.887765832	1.04E-12	42.63582048
FAM127A	NM_001078171	105.7142857	5.70188093	2.66E-08	18.54024786
ORAI3	NM_152288	137.9382254	22.7124699	9.09E-08	6.073237563
RAD51-AS1	NR_040058	103.9176338	23.31874985	0.000311579	4.456398155
ANXA4	NM_001153	151.9588169	2.7258455	3.85E-15	55.74740641
TGS1	NM_024831	201.5907364	2.608491005	1.08E-21	77.28251163
KIAA1377	NM_020802	59.26383906	0.35522427	1.60E-07	166.8349942
DCPS	NM_014026	172.4890624	3.625427452	1.02E-16	47.57757938
ACAA2	NM_006111	109.3667968	0.076531984	3.56E-19	1429.033862
JPX	NR_024582	52.22393965	0.505511877	5.13E-06	103.309026
NKX2-8	NM_014360	101.060491	6.821448169	4.15E-08	14.81510794
FNBP4	NM_015308	89.10167405	2.580482188	9.16E-09	34.52907928
INO80D	NM_017759	55.61132799	0.717909026	2.44E-06	77.46291791
PGAM1	NM_002629	92.48906239	8.756480918	3.22E-07	10.56235527
TRMT61A	NM_152307	72.48906239	5.605712753	6.00E-06	12.93128378
NT5M	NM_020201	125.9794085	0.793749845	6.12E-15	158.7142464
OARD1	NM_145063	109.3667968	10.52878741	6.84E-08	10.38740669
ANKRD52	NM_173595	115.611328	2.103008796	5.08E-13	54.97424843
ETHE1	NM_014297	183.9176338	4.521923168	5.54E-18	40.6724367
CCDC25	NM_018246	121.5907364	1.206734145	5.54E-14	100.760169
LOC284080	NR_038230	162.3861047	23.8452041	1.02E-09	6.810011103
TRIM59	NM_173084	175.8764507	4.488137817	3.55E-18	39.18695412
PLK3	NM_004073	204.4478793	16.51313869	2.87E-15	12.38092183
CBR4	NM_032783	127.5701449	2.339507662	1.55E-14	54.5286288
ZNF215	NM_013250	89.63191953	0.839325524	2.33E-10	106.7904133

EIF3E	NM_001568	88.36551311	3.393175874	1.14E-08	26.04212584
HS3ST3B1	NM_006041	91.95881691	0.66752231	8.41E-12	137.7614134
SLC35E3	NM_018656	166.7747767	1.254016256	1.45E-21	132.9925158
CDKN2AIP	NM_017632	55.08108251	0.996166263	7.53E-07	55.29306156
MTCH2	NM_014342	103.9176338	3.377948606	1.03E-09	30.76353312
PAFAH2	NM_000437	32.75418513	0.862705284	0.000759886	37.9668303
SNTB2	NM_006750	126.5096539	0.428060387	1.64E-15	295.5416052
ANKDD1A	NM_182703	155.8764507	1.859500927	3.78E-17	83.82703576
GLB1L2	NM_138342	54.28571429	1.01960147	1.75E-05	53.24209105
CNTNAP3B	NM_001201380	46.24453119	0.662889831	3.74E-05	69.76201628
TMEM238	NM_001190764	80.26512274	9.216131926	1.15E-05	8.709198543
PARM1	NM_015393	147.0398994	0.707726802	3.24E-17	207.7636441
ELOF1	NM_032377	116.6718189	2.491276607	1.81E-13	46.83214165
MFSD6	NM_017694	74.28571429	0.971254806	1.60E-08	76.48426947
CCDC28A	NM_015439	33.54955335	1.780781331	0.002619399	18.83979396
DNAJB2	NM_001039550	106.2445312	8.112192726	8.04E-09	13.09689436
UXT-AS1	NR_028119	51.95881691	3.541886293	0.000688262	14.66981507
SMC5	NM_015110	186.5096539	0.617056964	3.17E-23	302.2567847
S100A11	NM_005620	120.2651227	11.24794929	9.50E-09	10.69218216
PXDC1	NM_183373	89.63191953	1.780078398	1.72E-09	50.35279325
STRN	NM_003162	149.1016741	0.245313559	8.82E-20	607.8003795
VCPIP1	NM_025054	87.57014489	1.483378156	1.88E-09	59.03426886
C1orf74	NM_152485	177.9382254	3.566691768	3.67E-18	49.88887096
FAM208B	NM_017782	74.55083703	1.62789736	3.13E-07	45.7957847
FZD4	NM_012193	189.1016741	2.213390237	2.94E-23	85.43530685
FRMPD1	NM_014907	31.95881691	0.464600141	0.000885111	68.78778999
STAMBPL1	NM_020799	107.5701449	1.776503197	1.71E-11	60.55161909
DPY19L1	NM_015283	188.5714286	0.391305073	1.20E-24	481.9038683
PSMB7	NM_002799	75.08108251	1.724908855	2.59E-07	43.52756511
KCNG1	NM_002237	221.060491	4.649020811	1.44E-22	47.54990351
EIF3M	NM_006360	113.0193079	2.888517438	1.23E-11	39.12709904
GPBP1L1	NM_021639	85.24324752	1.552104577	1.15E-08	54.92107219
TRIM8	NM_030912	94.07979883	11.51313588	2.73E-06	8.171518152
LINC00574	NR_026780	33.01930787	1.738668634	0.001919395	18.99114484
DYM	NM_017653	115.3462052	0.21691044	2.94E-13	531.7688047
SRGAP1	NM_020762	29.89704227	0.695152084	0.002670838	43.00791574
EIF2S3	NM_001415	54.55083703	3.075077627	2.77E-05	17.73966177
C7orf13	NR_026865	52.22393965	4.548010612	0.000369506	11.48280954
C1RL-AS1	NR_026947	135.0810825	6.829651611	1.66E-11	19.77861979
DNAJC4	NM_005528	93.01930787	22.70002628	0.000254953	4.097762122
ENPP4	NM_014936	111.9588169	0.910878717	1.11E-14	122.9129794
LOC100506100	NR_046240	101.060491	6.651754976	3.11E-08	15.19305677
NPC2	NM_006432	69.63191953	1.60209892	7.07E-08	43.46293396
BAZ1B	NM_032408	120	2.401826545	6.58E-12	49.96197591
WDR83OS	NM_016145	189.8970423	22.74634616	7.69E-11	8.348463571
ERP44	NM_015051	95.87645073	0.028964783	1.32E-16	3310.104207
KAZALD1	NM_030929	236.9369417	34.90724562	4.72E-13	6.787614934
APMAP	NM_020531	220.2651227	1.576250756	3.03E-27	139.7398998
NUFIP2	NM_020772	194.8159598	4.165898068	3.34E-19	46.76445669
RHPN2	NM_033103	60	0.470978706	2.72E-07	127.3942946
ZNF321P	NR_037805	79.26383906	1.318755476	1.56E-09	60.10503124
EHHADH-AS1	NR_038990	23.38738834	0.300907761	0.004008311	77.72278197
SOX9	NM_000346	144.9781248	8.693987793	1.43E-12	16.67567614
ZSCAN16	NM_025231	76.67181894	7.34960287	4.88E-06	10.43210365
SPEN	NM_015001	57.40797988	1.732301624	2.28E-05	33.13971372
DBF4	NM_006716	92.22393965	1.679570862	8.73E-10	54.90922814
RALB	NM_002881	70.16216501	0.981150146	1.34E-07	71.51012034
HOTTIP	NR_037843	72.48906239	2.852625839	1.85E-07	25.41134607
SNHG11	NR_003239	137.9382254	10.24965226	5.38E-11	13.45784442
RABL3	NM_173825	58.73359358	0.679617531	2.41E-07	86.42153995
DDB1	NM_001923	86.50965393	2.477244057	9.74E-09	34.92173236
ZW10	NM_004724	75.87645073	0.592073175	4.15E-10	128.1538397
PNPLA5	NM_138814	60.58945276	0.273378952	9.45E-09	221.6317402
HIP1R	NM_003959	42.85714286	4.692558834	0.002651507	9.133000645

CHAC2	NM_001008708	123.6525111	4.265176076	8.13E-13	28.99118556
LINC01267	NR_110135	37.93822536	2.622693158	0.001858747	14.4653694
UBXN4	NM_014607	67.30502215	1.461042333	5.99E-07	46.06644218
EPRS	NM_004446	72.48906239	1.214140453	4.68E-07	59.70401714
PNRC2	NM_017761	128.8365513	9.16077457	1.76E-10	14.06393644
NHEJ1	NM_024782	201.060491	0.989427787	1.44E-22	203.2088584
C1orf228	NM_001145636	61.3256137	3.180011735	1.16E-05	19.28471302
MED31	NM_016060	67.03989941	5.494699842	2.65E-05	12.20083014
TAF8	NM_138572	169.6319195	1.41839777	2.45E-20	119.5940399
ATXN7L2	NM_153340	89.89704227	1.694862357	3.42E-10	53.04091032
NAA50	NM_025146	152.2239396	2.27971165	5.82E-17	66.77333058
MYO10	NM_012334	177.6731026	0.667822135	1.30E-19	266.048538
GPR125	NM_145290	60	0.771956669	7.68E-07	77.72456977
SPC24	NM_182513	93.28443061	5.192396607	1.33E-08	17.96558269
HINT2	NM_032593	136.6718189	17.75405928	3.87E-08	7.698060303
PCNX	NM_014982	62.85714286	0.550895866	4.09E-07	114.099863
SCAI	NM_173690	57.14285714	0.145551175	3.59E-07	392.596329
MAL2	NM_052886	51.69369417	1.899041839	5.55E-05	27.22093485
ARPC4-TTLL3	NM_001198793	113.0193079	5.902820543	3.72E-10	19.14666167
ZBTB11	NM_014415	132.7541851	4.852111868	1.91E-12	27.36008335
EIF3F	NM_003754	50.42728775	1.680552953	6.70E-06	30.00636645
LRRC47	NM_020710	88.57142857	2.968285553	1.22E-08	29.83925467
RAB38	NM_022337	103.3873883	0.567662192	3.87E-13	182.1283675
RAC2	NM_002872	114.550837	6.562664571	8.65E-10	17.45492792
DNAJC25-GNG10	NM_004125	241.3256137	4.219814667	2.23E-24	57.18867598
GBAP1	NR_002188	116.4066962	5.571089016	1.30E-10	20.89478303
SEC61B	NM_006808	38.46847084	2.20418573	0.000726981	17.45246343
PISD	NM_014338	129.1016741	9.7336701	7.39E-10	13.26341172
TUBBP5	NR_027156	32.75418513	0.06305143	3.57E-05	519.4836215
DNAJC3	NM_006260	175.0810825	0.606452285	3.64E-21	288.6972097
CNOT6	NM_015455	44.97812478	0.98979075	2.82E-05	45.44205406
TMEM180	NM_024789	164.9781248	8.0602812	1.64E-14	20.46803588
FLJ27354	NR_033981	73.54955335	3.913482403	2.41E-07	18.79388886
PCNXL4	NM_022495	173.2844306	1.190164229	1.29E-20	145.5970751
FBXO42	NM_018994	102.6512274	1.278960143	2.48E-10	80.26147491
EGLN3	NM_022073	183.6525111	2.502229261	7.98E-20	73.39555729
WASL	NM_003941	180.2651227	0.991458638	1.20E-20	181.8180969
TTLL5	NM_015072	129.1016741	0.062217231	2.68E-18	2075.014779
TPPP	NM_007030	48.83655131	2.598770414	0.000128161	18.79217612
GEMIN6	NM_024775	66.77477667	3.419748283	2.05E-06	19.52622566
LOC401052	NM_001008737	107.3050222	12.42448975	2.32E-07	8.636573762
UVSSA	NM_020894	95.87645073	1.322911296	1.57E-10	72.47383176
TMEM183A	NM_138391	95.34620525	2.358321647	1.45E-09	40.42968667
LPCAT3	NM_005768	163.3873883	3.584442232	7.92E-16	45.58237454
USP12	NM_182488	65.97940845	1.099595239	1.98E-07	60.00335952
LOC100128568	NR_046376	95.34620525	2.669488564	1.69E-09	35.7170308
DNAH17-AS1	NR_102401	115.611328	4.528032185	4.49E-11	25.53235561
LRP4	NM_002334	61.06049096	0.680712049	2.82E-07	89.70091111
COG3	NM_031431	120.5302455	0.760493839	1.08E-14	158.4894437
PDZD11	NM_016484	77.40797988	2.609516368	2.13E-08	29.66372651
ITPKB	NM_002221	41.06049096	1.0101273	0.00013775	40.6488281
C17orf67	NM_001085430	118.2033481	1.537080437	9.39E-13	76.9012117
CCNG2	NM_004354	75.87645073	4.344359032	3.76E-07	17.46551106
LOC646762	NR_024278	109.6319195	0.862381176	1.16E-12	127.1269859
COMMD1	NM_152516	94.81595977	0.011794427	4.34E-16	8039.047354
PAM16	NM_016069	78.73359358	4.815130742	9.25E-07	16.35128884
ANO8	NM_020959	57.67310262	11.84127886	0.004153982	4.870513001
CRADD	NM_003805	80.53024548	0.776151666	5.68E-09	103.7558109
SYNJ2BP	NM_018373	83.38738834	1.273217688	1.32E-08	65.49342591
LARP1	NM_015315	75.34620525	2.805216227	5.44E-07	26.85932175
ENDOD1	NM_015036	142.6512274	1.813768969	1.28E-15	78.64906162
MSANTD4	NM_032424	115.3462052	3.035892857	5.82E-12	37.99416207

Sheet2: Pausing genes in HMBA treated HCT116 cells expressing shGFP

Symbol	Gene ID	Promoter RPK	Gene Body RPK	pValue	Pause Ratio(TR)
ATP5G3	NM_001689	67.58707355	0.389407526	9.44E-09	173.5638603
CPSF3L	NM_001256460	39.05669588	2.813043277	0.001283916	13.88414327
NPM1	NM_002520	31.51110656	0.448189952	0.000606125	70.30748101
CD320	NM_016579	69.07743799	1.074244077	1.18E-07	64.30329893
PLSCR3	NM_020360	55.4766238	3.689446985	0.000327741	15.0365689
MMP24-AS1	NR_102706	72.94399974	4.144419932	7.30E-06	17.60053299
SERTAD1	NM_013376	64.8617269	3.011151416	5.22E-06	21.54050658
ANAPC11	NM_016476	38.8691617	0.127865724	1.83E-05	303.9842156
NUDT1	NM_198949	58.90026912	1.255368213	1.10E-06	46.91871954
ZNF324	NM_014347	36.77426566	1.514903443	0.000702013	24.27498982
CIRBP	NR_023313	89.36392766	20.71070229	0.000880877	4.314867088
SLC35A2	NM_001282647	34.2364532	1.206247767	0.001758366	28.38260441
TMC4	NM_001145303	34.49183545	1.238634892	0.002762003	27.84665254
PSMC3IP	NM_001256016	43.17863987	0.395498708	1.41E-05	109.1751729
UBA52	NM_001033930	85.49736591	5.124971914	2.31E-07	16.68250428
TK1	NM_003258	43.6215563	1.591853233	0.000369804	27.40300135
DDTL	NM_001084393	67.58707355	11.17866471	0.000589174	6.04607753
TM7SF2	NR_102367	120.9688013	11.99748831	6.73E-08	10.08284386
SLX1A	NM_001015000	170.176747	22.01985185	2.52E-09	7.728332969
LRRC75A-AS1	NR_027162	68.37913931	14.67085255	0.002360905	4.660883824
HNRNPA1P10	NR_002944	74.78351352	4.755894078	7.58E-06	15.72438585
HCP5	NR_040662	45.20568784	1.001499013	0.000137069	45.13802535
CYB561A3	NM_001161454	33.35062034	1.272134347	0.002900842	26.21627221
NR4A1	NM_002135	88.5718619	1.912468941	2.89E-09	46.31283678
HES6	NM_018645	93.13672232	13.6690243	5.74E-05	6.813706689
HARS	NM_001289093	42.82949054	0.29178903	6.10E-06	146.7823878
NUDT22	NM_001128613	64.8617269	4.927435546	6.01E-05	13.16338414
ABHD11	NM_148912	57.31613758	5.294208554	0.000328143	10.82619564
C21orf33	NM_198155	34.93475188	1.943895633	0.003603263	17.97151621
PPIA	NM_021130	61.18269933	4.609075725	0.000159813	13.27439664
LINC01024	NR_102741	73.38691617	0.286758932	4.89E-10	255.9185013
DNAJC19	NR_046073	46.25313586	1.273630772	3.82E-05	36.31596916
RASSF1	NM_007182	42.57410829	4.11171402	0.003128863	10.35434568
BAIAP3	NM_001199099	62.13638026	2.20591305	4.44E-06	28.1681004
C8orf58	NM_001013842	37.66009852	0.380880373	0.000104768	98.87644846
AURKAIP1	NM_001127229	49.58301409	2.012531269	0.0002026	24.63713973
RPL13A	NM_012423	83.91323438	17.37115735	0.000782131	4.830607006
FOS	NM_005252	125.6952769	15.60745124	1.90E-07	8.05354282
RPS10	NM_001203245	38.17086302	0.373969134	0.000169112	102.0695549
MSTO1	NM_001256533	29.04114216	0.229200646	0.001164973	126.7061971
SRA1	NR_045587	77.85800951	1.420728991	2.95E-08	54.80145051
SPDYC	NM_001008778	46.69605229	1.057217083	5.44E-05	44.16884008
ZNF276	NR_110129	57.66528692	4.137630863	0.00020574	13.93678867
COX5B	NM_001862	65.04926108	0.576214748	2.99E-07	112.8906563
FLVCR1-AS1	NR_027286	42.4803412	0.838074112	0.000622471	50.68804848
MAGEF1	NM_022149	59.15565137	1.480535904	1.93E-05	39.9555669
SNAPC2	NM_003083	47.83726739	5.410874362	0.00294632	8.840949575
EIF1	NM_005801	111.1148628	16.86282301	7.43E-06	6.589339323
PRMT1	NM_198318	30.27612436	0.27334336	0.000152807	110.7622456
UNC45A	NM_001039675	42.4803412	0.602900909	3.08E-05	70.45990566
TMEM177	NM_001105199	59.24941846	0.792601052	1.19E-06	74.75314132
MRPL49	NR_037568	51.95921139	4.895168727	0.000944841	10.6143862
CARHSP1	NM_001278260	78.99922461	1.914231356	3.53E-08	41.26942355
BAMBI	NM_012342	80.93250549	0.542867197	4.73E-10	149.0834332
TYSND1	NM_001040273	32.90770391	0.91359419	0.001393417	36.0200451
STK16	NR_026909	48.18641673	4.858203209	0.001623155	9.918567556
C9orf16	NM_024112	48.53556607	1.46812828	4.90E-05	33.05948582
EEF1D	NM_001130057	39.91660971	0.172907414	7.43E-06	230.8553971
CATIP-AS1	NR_110573	40.19791098	2.252141993	0.002824498	17.84874627
MEPCE	NM_001194991	107.5296023	6.431374526	1.96E-08	16.71953668

RPL17	NM_001199345	59.5985678	1.632069342	1.82E-06	36.51717868
POLR3H	NM_001282885	24.73166399	0.089519626	0.000783015	276.2708597
ALG3	NM_001006941	49.67678118	3.421109938	0.000506768	14.52066203
PSMD8	NM_002812	33.35062034	0.486806167	0.000622471	68.50903418
ZNF771	NM_016643	38.3583972	0.395456445	0.000248034	96.99777982
KHNYN	NM_001290257	53.44957584	1.445704199	1.25E-05	36.97130844
ZBTB48	NM_005341	50.81799628	4.598551863	0.000445886	11.05086945
STMN3	NM_015894	21.58931994	0.103942127	0.001340871	207.7051977
APOA1BP	NM_144772	62.92844603	4.573172147	4.61E-05	13.76034927
ARFIP2	NM_001242856	42.92325763	1.636637525	0.000173197	26.22648996
SIGMAR1	NM_001282207	82.32910284	3.321892791	1.11E-07	24.78379286
DCXR	NM_016286	104.0121899	12.97882456	1.83E-05	8.013991513
LINC00115	NR_024321	67.93622288	7.372662416	0.000392081	9.214611907
RPL8	NM_033301	74.15306291	6.587627928	1.77E-05	11.25641334
FGF18	NM_003862	26.94624613	0.033657789	0.000453324	800.5946589
NOP14	NM_001291979	29.57782568	0.312939309	0.001164973	94.51617255
C2orf68	NM_001013649	45.90398652	0.501795267	9.38E-06	91.4795128
ILK	NM_004517	35.63305056	1.286877141	0.001571561	27.68955126
ACAP3	NM_030649	24.66381592	0.554095378	0.00273407	44.51186001
DDIT3	NM_001195055	100.6823116	10.04861815	8.96E-07	10.01951812
RPL7A	NM_000972	63.37136246	5.742297703	0.000122452	11.03588942
GCAT	NM_014291	50.11969761	4.800530019	0.000454785	10.44045083
RBM14	NM_001198836	95.67453478	0.690218728	7.76E-12	138.6148055
CHPF2	NM_019015	37.21718209	0.61595979	0.000248034	60.42144747
PSMG3	NM_001134340	78.65007527	3.578554535	1.06E-06	21.9781687
SLC25A3	NM_002635	72.94399974	0.993617286	4.55E-09	73.41257118
PPP1CA	NM_001008709	53.98625936	5.96754044	0.001226448	9.046651614
HNRNPH1	NM_001257293	108.5770503	2.085665217	1.59E-11	52.05871462
OSGEPL1-AS1	NR_102429	35.9821999	0.875130191	0.000541407	41.11639648
MFSD5	NM_032889	43.27240697	1.946149083	0.000821993	22.23488804
UNC119	NM_005148	69.52035442	2.790828797	1.33E-06	24.91028991
BTG2	NM_006763	100.2393952	3.237948612	1.54E-09	30.95768562
LBX2	NM_001009812	45.55483718	3.040813261	0.000687497	14.98113606
ATG4D	NM_032885	60.39063357	0.676511292	2.71E-07	89.26773921
SURF4	NM_033161	43.97070564	0.199242867	2.60E-06	220.688983
SEPW1	NM_003009	70.12488601	3.32645258	4.46E-06	21.08098171
CST3	NM_000099	60.83355	0.351799621	8.47E-08	172.9210221
ARF5	NM_001662	46.6022852	0.209748337	1.41E-05	222.1819052
ST6GALNAC2	NM_006456	25.26834751	0.088734153	0.000783015	284.7646217
RPL22L1	NM_001099645	68.28537222	3.173128432	6.65E-06	21.51988918
ARRDC1	NM_152285	61.53184867	6.617354719	0.000201616	9.298556793
BSG	NM_198589	44.66900432	0.232729107	5.27E-06	191.935615
HYAL3	NM_001200031	42.13119186	2.378839248	0.001235362	17.71081921
FUT4	NM_002033	32.11563815	1.629037938	0.003490154	19.71448141
LOC100289230	NR_036530	79.0929917	5.278236453	9.16E-06	14.98473826
DOLK	NM_014908	57.31613758	4.380961238	0.000142599	13.08300495
DUSP2	NM_004418	42.92325763	1.909956115	0.000821993	22.47342612
NUBP2	NM_012225	45.11192075	2.561632604	0.000592344	17.61061312
ZFP36	NM_003407	87.08149745	20.58509118	0.001310207	4.230318763
CDK10	NR_027702	58.96811719	13.67029046	0.004313116	4.313596507
KLC2	NM_022822	37.21718209	1.587801769	0.001323324	23.43943862
ACP2	NM_001131064	82.67825218	1.342988491	1.96E-09	61.56288956
PLCB3	NM_000932	75.66934638	0.583550093	9.01E-09	129.6706954
FUS	NM_001170634	124.2986795	1.141588636	1.35E-15	108.8821976
TNK1	NM_001251902	51.16714562	6.004249523	0.001838411	8.521821991
NXF1	NM_006362	97.42028148	2.553121381	3.09E-09	38.15732468
NIP7	NM_016101	36.77426566	2.235908506	0.002334867	16.44712454
MAT2A	NM_005911	88.63970996	5.651527208	8.96E-07	15.68420477
CDKN1C	NM_001122631	41.68827543	2.643710508	0.001393417	15.76885037
PPIB	NM_000942	65.74755976	1.765882516	1.53E-06	37.23212568
ZC3H12A	NM_025079	34.93475188	2.102856523	0.003273375	16.61299832
PAF1	NR_046384	47.48811805	1.589044552	0.000104791	29.88469894

LOC100288152	NR_125375	30.71904079	1.687024621	0.004516165	18.20900561
SNAI1	NM_005985	93.92878809	2.631910855	3.17E-09	35.68843827
FBXO41	NM_001080410	50.2134647	0.68524007	1.23E-05	73.27864627
IQCC	NM_001160042	39.49961231	2.179136198	0.000855458	18.12627055
CDAN1	NM_138477	52.84504425	1.149629086	2.42E-05	45.96703832
SNHG1	NR_003098	89.87469216	5.247700729	1.92E-07	17.12648964
CBX8	NM_020649	26.75871195	0.216166898	0.003128863	123.7872784
LOC100131691	NR_027334	44.22608789	2.296342467	0.000634338	19.25936071
AURKB	NM_001284526	64.51257756	1.507052106	6.04E-07	42.80713143
RPLP1	NM_001003	81.9799535	13.92906613	0.000275998	5.885531216
HNRNPAB	NM_004499	96.81574989	7.470545796	2.45E-07	12.95966219
SNHG7	NR_024543	108.227901	17.11992979	9.55E-06	6.321749111
PRDX1	NM_181696	85.05444949	0.811775531	1.76E-10	104.7758232
MARS2	NM_138395	42.13119186	3.788497267	0.002975096	11.12081886
MAP3K14-AS1	NR_110326	47.39435096	0.619831888	4.51E-05	76.4632344
ZNF646	NM_014699	66.0967091	1.775776097	4.67E-07	37.22130803
RCC1	NM_001048199	58.01443626	10.83239785	0.00362953	5.355641205
MBD3	NM_001281453	27.38916256	0.692862956	0.001517149	39.53041844
RPP25L	NM_148179	53.1004265	4.664076587	0.000608965	11.38498168
JMJD4	NM_023007	80.8387384	3.526381391	1.92E-07	22.92399189
SWI5	NM_001040011	47.7435003	1.055271227	4.51E-05	45.24287131
TP11	NM_001159287	72.5948504	13.07519887	0.00143678	5.552102963
CCND3	NM_001760	29.22867635	0.116125087	0.001164973	251.6999309
RPS20	NM_001146227	107.8787516	6.277572414	7.54E-09	17.18478809
RBMX	NM_001164803	61.53184867	1.240489432	8.03E-07	49.60288019
ARPC1B	NM_005720	40.19791098	1.274151072	0.000969685	31.54877931
TBCC	NM_003192	59.24941846	5.475681163	0.0004965	10.82046538
EIF5	NM_001969	61.53184867	1.700741745	1.34E-06	36.17941927
ASB6	NM_001202403	55.03370737	8.668968594	0.003411781	6.34835699
CEBPA	NM_004364	117.1022396	6.954194298	2.52E-09	16.83908078
PYGO2	NM_138300	93.04295523	0.853443782	3.86E-11	109.0206024
ISCA2	NM_001272007	34.14268611	1.420956611	0.004950598	24.02795824
FUT11	NM_173540	66.44585844	5.649138068	8.14E-05	11.76212329
HGH1	NM_016458	129.910988	5.315420921	7.79E-11	24.44039521
TSC22D1	NM_006022	49.23386475	1.72540982	0.000104791	28.53459172
TUBB3	NM_006086	131.8442689	7.504877554	4.89E-10	17.56781079
BAX	NM_001291431	40.19791098	1.404066118	0.000305312	28.62964248
SOCS2	NM_001270467	27.64454481	0.759630236	0.004592544	36.39210697
LOC102288414	NR_104414	65.74755976	1.513701278	1.59E-06	43.4349635
EIF3J-AS1	NR_034170	42.13119186	2.977820736	0.001393417	14.14833047
PGAM5	NM_001170543	47.83726739	0.176471105	1.82E-06	271.0770551
PDCD2	NM_001199461	59.94771714	1.188824386	2.33E-06	50.42604933
CSTB	NM_000100	64.60634465	3.933062155	1.65E-05	16.42647436
SRXN1	NM_080725	47.83726739	2.731875036	0.00035399	17.5107817
WDR55	NM_017706	83.12116861	0.69770722	3.56E-10	119.1347405
CHCHD7	NM_024300	81.53703707	1.108911875	1.54E-09	73.52887001
SNHG12	NR_024127	90.66675793	15.86146636	8.75E-05	5.716164941
KAT5	NM_182710	51.61006205	5.569260365	0.001561266	9.266950847
GAMT	NM_000156	51.95921139	2.190491062	5.66E-05	23.7203485
ATP5SL	NM_001167869	26.31579552	0.308699879	0.001146127	85.24718433
RPL31	NM_000993	66.35209135	3.230927107	9.16E-06	20.53654854
RPS23	NM_001025	37.47256434	2.706558683	0.00441315	13.84509583
LSM5	NM_001139499	34.49183545	0.288245771	0.000442812	119.6612021
ELOVL1	NM_001256401	59.24941846	6.587951718	0.000536357	8.993602412
PABPC4	NM_001135654	78.65007527	0.468880082	5.23E-10	167.740278
SMTN	NM_006932	91.4588237	3.19140122	9.45E-08	28.65788956
LOC101928069	NR_120586	57.66528692	3.971936451	6.81E-05	14.51817964
INO80B	NM_031288	40.98997675	1.912442735	0.000667791	21.43330935
GRINA	NM_000837	64.25719532	2.278550641	5.46E-06	28.20090727
POLG	NM_002693	88.47809481	1.02357176	8.60E-10	86.44053914
FBXW5	NM_018998	38.3583972	2.604071899	0.003400444	14.73016056
COMMD5	NM_014066	49.23386475	2.690637366	0.000348275	18.29821639

TIMM8B	NM_012459	42.4803412	3.515550023	0.004310868	12.08355475
MIDN	NM_177401	123.6003809	17.6450415	5.21E-07	7.004822339
MSRB1	NM_016332	36.68049857	0.384362579	0.000104768	95.43202315
LENG1	NM_024316	49.32763184	3.998819682	0.001061695	12.33554793
C7orf49	NM_001243751	60.20309939	5.675683455	0.000145942	10.60719821
TRAF4	NM_004295	80.58335615	1.651755977	1.55E-08	48.78647772
SNX22	NR_073534	50.91176337	6.03073203	0.001313256	8.442053655
SNAPIN	NR_052020	42.13119186	5.917209242	0.004678458	7.120111887
RPS16	NM_001020	56.08115539	6.800976285	0.00143678	8.246044838
WWC2-AS2	NR_024008	33.001471	1.774376855	0.002070835	18.59890751
SRSF2	NM_003016	74.94512868	10.00573272	0.0002026	7.490218937
IPO4	NM_024658	46.69605229	0.927935494	4.74E-05	50.32251982
SH3GL1	NM_003025	32.20940524	0.824691895	0.001517149	39.05628932
RPL14	NM_003973	65.30464333	1.593813973	6.04E-07	40.9738178
MRPS16	NM_016065	58.10820335	0.892447134	1.19E-06	65.11108743
PDE12	NM_177966	42.38657411	0.363342133	1.41E-05	116.6574702
ESPN	NM_031475	103.7568076	3.588101563	1.61E-08	28.91690935
PHLDA2	NM_003311	85.84651525	9.959179081	0.000112579	8.619838498
ANGPTL4	NR_104213	95.76830188	0.723501612	9.89E-13	132.3677795
GRHRP	NM_012203	56.96698825	1.582274169	9.69E-06	36.00323468
SLC3A2	NM_001012664	48.18641673	0.137795438	5.67E-07	349.6952968
RCE1	NM_005133	52.05297848	5.30928311	0.001620287	9.804144439
RPL19	NM_000981	71.70901754	2.85334694	1.48E-06	25.13154518
METTTL23	NM_001206983	56.08115539	5.085258533	0.000374189	11.02818176
IER5L	NM_203434	84.61153306	14.54247676	0.000159813	5.818234021
RBM8A	NM_005105	49.67678118	0.491812057	3.48E-06	101.0076521
DDIT4	NM_019058	109.9736477	10.782932	6.64E-07	10.19886314
ERF	NM_006494	54.33540869	7.966773912	0.003255631	6.820252375
RDH13	NR_027382	60.73978291	3.241169212	1.79E-05	18.74008388
RPS15	NM_001018	76.01849572	7.245639668	1.93E-05	10.49161968
TMEM120A	NM_031925	35.63305056	2.352642796	0.00302865	15.14596717
MIR22HG	NR_028505	48.9784825	2.47498604	0.000173569	19.78939748
CHRAC1	NM_017444	59.85395005	6.286558285	0.000202999	9.520940924
PRR13	NM_018457	40.19791098	0.730137841	6.53E-05	55.05523575
P4HB	NM_000918	50.37507985	0.247639396	2.00E-07	203.4211062
SRSF7	NM_001031684	83.56408504	1.250685776	3.17E-09	66.81461216
DUSP1	NM_004417	88.12894547	4.147535162	2.02E-07	21.24851075
SNF8	NM_007241	63.7205118	0.787124675	4.63E-07	80.95351828
SLC50A1	NM_001122837	80.04667263	4.312604893	2.22E-06	18.56109581
CILP2	NM_153221	31.51110656	0.101894336	5.25E-05	309.252779
COX7A2	NR_029466	46.34690295	1.501580534	5.66E-05	30.86541273
QARS	NM_005051	21.2401706	0.063188142	0.003848688	336.1417163
SRSF5	NM_001039465	88.38432772	4.393508006	2.21E-07	20.11702894
RPL12	NM_000976	94.88246902	12.70483327	1.54E-05	7.468218353
RPL27A	NM_000990	82.42286993	11.24684527	4.73E-05	7.328532397
FTH1	NM_002032	50.85992533	1.666154023	1.93E-05	30.52534437
MRPL20	NM_017971	42.38657411	4.086886043	0.001731657	10.37136188
PTMS	NM_002824	41.08374384	0.811119282	6.53E-05	50.65068083
EMC9	NM_016049	92.69380589	8.350699533	4.34E-06	11.10012467
SLC2A6	NM_001145099	35.9821999	2.030733136	0.001323324	17.71882246
DHPS	NM_001930	49.32763184	1.45572183	2.34E-05	33.88534185
NUDT18	NM_024815	59.24941846	3.539924755	6.45E-05	16.73747963
ACTB	NM_001101	80.04667263	17.10549344	0.000902371	4.679588632
CYBA	NM_000101	64.16342823	2.686327416	1.02E-05	23.88518534
RPL3	NM_001033853	88.82724414	8.660795435	2.41E-06	10.25624549
RPL4	NM_000968	59.41103362	0.419116924	2.92E-08	141.752886
MOGS	NM_001146158	45.11192075	4.538327632	0.002585238	9.940208026
STK4-AS1	NR_038341	30.27612436	0.735302494	0.00339551	41.17506007
BAIAP2	NM_006340	94.62708677	0.865475846	5.20E-10	109.3353295
NDNL2	NM_138704	56.96698825	4.984620855	0.001050482	11.42854991
PIGY	NM_001042616	76.62302731	0.661490932	1.55E-08	115.8338288
EEF2	NM_001961	68.79613672	5.173856518	4.44E-05	13.29687758

FAM214B	NM_025182	21.68308703	0.353686888	0.003724389	61.3058831
C22orf29	NM_024627	91.55259079	1.867720254	1.54E-09	49.01836373
SF3B4	NM_005850	54.68455803	0.832688413	5.34E-06	65.67229368
ZC3H10	NM_032786	60.39063357	0.791868588	4.58E-07	76.26345393
ATP6V0C	NM_001694	55.12747446	1.488542771	2.41E-05	37.034525
RPL36A-HNRNPH2	NM_001199974	28.08746124	0.497907616	0.001517149	56.41098937
CDC20	NM_001255	58.10820335	5.876872814	0.000761653	9.887606077
ZNF296	NM_145288	72.50108331	3.037969912	2.17E-06	23.8649774
ZNF575	NM_174945	34.93475188	0.757462157	0.001368939	46.12078839
C12orf57	NM_138425	102.5218254	17.05783619	4.38E-05	6.010247976
INTS5	NM_030628	79.16083977	2.785928539	5.89E-08	28.41452631
C19orf52	NM_138358	43.6215563	3.008184503	0.002679417	14.50095772
MYC	NM_002467	65.65379267	2.151974082	1.28E-06	30.5086354
BTG1	NM_001731	70.66156953	0.120391366	1.25E-09	586.9322035
GAS6-AS1	NR_044995	38.70754654	2.742913412	0.001840042	14.11183684
C11orf31	NM_170746	76.36764506	6.578096896	1.65E-05	11.60938282
TRIM47	NM_033452	55.82577314	1.493423439	4.67E-06	37.38107469
MCL1	NM_182763	57.66528692	2.661019494	2.11E-05	21.67037373
SLC52A2	NM_001253816	73.64229842	1.440549424	1.90E-07	51.1209801
RPL36AL	NM_001001	51.95921139	5.69623985	0.002690547	9.121668462
TUBA4A	NM_006000	75.4818122	8.049131339	7.88E-05	9.377634557
RABGGTB	NR_073562	50.81799628	0.929576676	8.05E-06	54.66789089
TMEM256-PLSCR3	NR_037719	63.37136246	5.536810926	6.34E-05	11.44546261
TMEM249	NM_001252404	61.53184867	3.943766708	0.000173197	15.6023044
COQ10A	NM_144576	46.6022852	2.685548469	0.000338944	17.35298608
BETIL	NM_016526	48.9784825	4.733049255	0.001473975	10.34818779
SLC10A3	NM_001142391	65.39841042	2.433625221	3.06E-06	26.87283558
ZNF687	NM_020832	40.98997675	0.586078809	0.000134586	69.93935988
BUD31	NM_003910	48.09264964	1.786678842	7.20E-05	26.91734435
SRRT	NM_015908	38.3583972	0.523149755	0.000513668	73.32202073
REEP4	NM_025232	45.11192075	4.8878838	0.002585238	9.22933576
NPM3	NM_006993	66.00294201	8.770495056	0.000497051	7.525566298
COPS6	NM_006833	55.03370737	2.69767686	8.75E-05	20.40040755
RRP7A	NM_015703	55.73200605	3.084542919	0.000101294	18.0681571
SQSTM1	NM_003900	84.8669153	2.69464073	1.58E-07	31.49470516
NT5C	NM_001252377	75.4818122	15.08210274	0.003152595	5.004727359
EIF4A2	NM_001967	77.06594374	3.654119572	1.34E-06	21.09015379
GAPDH	NM_001289745	92.69380589	19.0914586	0.000347855	4.855250081
NDOR1	NM_001144026	46.25313586	0.462756788	2.88E-05	99.9512855
EFNA3	NM_004952	58.10820335	5.067867693	0.00012427	11.46600639
C5orf45	NM_001017987	52.56374298	1.061662509	4.82E-05	49.51078382
BANF1	NM_003860	57.31613758	10.75226357	0.004179544	5.330611291
ZFAS1	NR_036659	70.91695178	7.992436246	0.00014846	8.873008128
LINC00659	NR_046224	56.96698825	5.706819211	0.000365772	9.982266153
FASTK	NM_001258461	51.95921139	4.50262389	0.000660938	11.53976274
WDR24	NM_032259	72.85023265	2.55270582	4.34E-07	28.53843638
RHOB	NM_004040	77.76424242	5.270349328	1.36E-05	14.75504517
NSMF	NM_001130971	32.20940524	0.670522822	0.003135168	48.03625495
ESRRA	NM_001282450	27.64454481	0.174699656	0.000277058	158.2404077
TMEM52	NM_178545	50.02593052	2.47150991	0.000145942	20.24103982
TNFRSF12A	NM_016639	120.5258849	27.4331757	0.000119489	4.393435386
RPP38	NM_006414	62.23014735	3.677368146	1.53E-05	16.9224687
ILF3-AS1	NR_024333	42.57410829	0.923718031	0.000342113	46.08993963
RECQL4	NM_004260	50.72422919	7.419081431	0.001709034	6.836995882
PMAIP1	NM_021127	81.72457126	1.83290074	9.44E-09	44.58755975
PNRC1	NM_006813	64.95549399	3.835416395	1.41E-05	16.93570849
UBA1	NM_003334	39.94252874	0.15928328	7.43E-06	250.7641016
LGALS1	NM_002305	64.06966113	6.939232321	0.000254731	9.232960964
ECI1	NM_001178029	35.19013413	0.538957252	0.001017099	65.2929968
SIRT7	NM_016538	70.56780244	0.973840168	4.50E-08	72.46343368
KRTCAP3	NM_173853	37.56633143	1.213355684	0.002070835	30.96069185
NCPB2-AS2	NR_024388	58.45735269	2.863021722	0.000275998	20.41806118

ZFP36L2	NM_006887	40.98997675	0.377057052	1.83E-05	108.7102775
SREBF1	NM_004176	63.37136246	0.183212054	5.07E-09	345.8907911
TPT1	NM_001286273	51.51629496	6.401410102	0.001760719	8.047647962
XRCC3	NM_001100118	48.9784825	2.75364312	0.000209087	17.78679384
RPS5	NM_001009	59.5985678	2.598323523	1.93E-05	22.93731603
CCNL1	NM_020307	50.11969761	0.135272742	6.75E-07	370.5084768
RPUSD3	NM_001142547	41.33912609	2.30465664	0.002355476	17.93721692
ANKRD54	NM_138797	40.64082741	0.204820884	7.43E-06	198.4213066
NECAB3	NM_031231	38.26463011	2.205543819	0.002567973	17.34929489
HEIH	NR_045680	34.84098479	0.482774919	0.00286492	72.16817484
TMEM179B	NM_199337	67.49330646	8.579882635	0.000163904	7.866460338
MAFF	NM_012323	26.85247904	0.373559104	0.001786166	71.88281258
PNMA1	NM_006029	41.94365768	3.545751817	0.002026621	11.82927059
JUN	NM_002228	37.82171368	3.73226186	0.003725235	10.13372456
EPPK1	NM_031308	25.80503103	0.713860803	0.002982824	36.14854735
FAM53C	NM_016605	69.86950376	0.946810653	7.91E-08	73.79458984
CNP	NM_033133	55.73200605	0.619430078	9.98E-07	89.97303818
RAB3A	NM_002866	36.07596699	1.077385039	0.000608965	33.48474841
CHTF18	NM_022092	21.58931994	0.067608196	0.001340871	319.3299231
VPS9D1	NM_004913	127.5347907	4.267224153	3.51E-11	29.88706149
CSNK1D	NR_110578	51.70382914	0.579862248	3.74E-06	89.16571022
LAMTOR1	NM_017907	41.33912609	0.85579486	0.000134586	48.30494786
GAS5	NR_002578	107.0866859	6.182673812	1.39E-08	17.3204489
SHARPIN	NM_030974	62.92844603	12.81315979	0.004467837	4.911235563
RELL2	NM_173828	40.54706032	1.383965488	0.000667791	29.29773948
RPLP0	NM_053275	84.35615081	15.28176128	0.000155145	5.520054217
PTMA	NM_002823	87.43064679	15.38236304	0.000104935	5.683824166
GLI4	NM_138465	70.91695178	14.19340194	0.001492071	4.996473156
MEF2BNB	NM_001145784	42.38657411	0.74123405	0.000173197	57.18379252
TRIM52	NM_032765	61.18269933	0.227152826	8.47E-08	269.3459742
PRELID1	NM_001271828	62.32391444	7.596414496	0.000573104	8.204385698
LAMTOR4	NM_001008395	40.98997675	0.256684289	1.83E-05	159.690244
RHOV	NM_133639	53.89249226	2.277040293	9.68E-05	23.66778156
RBM4B	NM_001286135	41.33912609	1.724813398	0.000859708	23.96730344
PAGR1	NM_024516	54.49702385	4.265465418	0.000138706	12.77633705
EXOSC4	NM_019037	69.33282024	0.704774167	1.14E-07	98.37593866
H2AFZ	NM_002106	74.52813128	5.267740932	7.11E-06	14.14802517
HNRNPA1	NM_002136	68.28537222	5.07606763	4.82E-05	13.45241577
APEH	NM_001640	43.6215563	0.759409499	9.06E-05	57.44141515
ZFYVE21	NM_024071	39.84876165	0.092047806	4.32E-06	432.9137575
POLR2L	NM_021128	66.88877487	14.26439864	0.003557666	4.689210989
RPS2	NM_002952	114.2831258	22.39986895	4.43E-05	5.10195511
TRNP1	NM_001013642	70.75533662	6.900879746	2.23E-05	10.25308935
HTR7P1	NR_002774	74.87728062	2.013072929	2.22E-07	37.19551316
SNRNP25	NM_024571	29.92697502	0.402411605	0.001164973	74.36906546
SMARCD2	NM_001098426	38.96292879	0.350408333	9.78E-05	111.1929286
MGC72080	NR_002822	38.3583972	0.254631113	5.33E-05	150.6430096
ABCA7	NM_019112	53.79872517	0.779428923	1.78E-05	69.02325994
ATPIF1	NM_178190	62.92844603	3.432819257	5.66E-05	18.33141838
TMED4	NM_182547	60.39063357	5.470958091	0.000201616	11.03840179
MKNK2	NM_017572	101.9172938	5.071605557	2.98E-08	20.09566649
TPRN	NM_001128228	82.07372059	3.042365016	9.37E-08	26.97694726
ZBTB3	NM_024784	27.64454481	0.864210031	0.00286492	31.98822488
SERTAD3	NM_203344	52.05297848	3.467303147	0.000325946	15.01252595
SPATA2L	NM_152339	73.99144776	13.92684267	0.000589525	5.312865917
SOCS3	NM_003955	96.81574989	3.373788516	8.73E-09	28.69644894
POP5	NM_015918	44.41362207	3.380725876	0.000783163	13.13730356
GADD45GIP1	NM_052850	58.80650203	2.329739233	1.28E-05	25.24166705
HMG2	NM_005517	41.68827543	3.470523679	0.001152829	12.01209941
EEF1A1	NM_001402	651.675755	81.8984079	2.43E-37	7.957123609
MLST8	NM_001199174	39.49961231	2.423418579	0.00123671	16.29912911
SLC9A3R1	NM_004252	117.0084725	0.030847016	2.90E-19	3793.186093

NFE2L3	NM_004289	45.64860427	1.796500116	0.00048702	25.4097419
MESDC1	NM_022566	41.68827543	1.801355529	0.000280178	23.14272488
FBXL6	NM_024555	65.65379267	7.132371283	0.00025462	9.205044167
FAM173A	NM_023933	93.48587166	11.39597477	4.59E-05	8.203411602
SOX4	NM_003107	49.77054827	0.697385656	3.48E-06	71.36732427
RNF40	NM_014771	19.91142131	0.092417669	0.003848688	215.4503725
MDP1	NM_001199822	48.9784825	4.148257297	0.001415882	11.80700207
PDLIM7	NM_213636	92.6000388	8.415267398	1.39E-06	11.00381419
FTSJ3	NM_017647	80.04667263	5.723695455	2.93E-06	13.98513832
LOC100129917	NR_036512	73.64229842	8.401021622	0.000272055	8.765874168
RPL29	NM_000992	59.15565137	2.216940731	1.70E-05	26.68346093
SNHG5	NR_003038	100.3331623	6.841446572	6.86E-07	14.66548942
KRT19	NM_002276	46.95143453	7.122562476	0.004296191	6.591930178
RPL32	NM_001007073	63.46512955	1.390758798	1.84E-06	45.63345538
TRIM72	NM_001008274	26.94624613	0.474639074	0.001786166	56.77207712
ID2	NM_002166	75.13266286	10.72383669	0.000347855	7.006136426
FHOD1	NM_013241	51.51629496	2.281793309	9.44E-05	22.57710844
GPAA1	NM_003801	70.66156953	4.434347518	1.06E-05	15.93505453
COX8A	NM_004074	61.08893224	3.128251904	9.06E-05	19.52813716
MARCKSL1	NR_052852	76.46141215	9.981996743	0.000156513	7.659931587
TCTA	NM_022171	44.76277141	5.594288965	0.003128863	8.001512201
RPS4X	NM_001007	55.82577314	2.226658609	1.32E-05	25.07154573
CHPF	NM_024536	67.68084064	1.846518978	2.38E-07	36.65320608
RPS9	NM_001013	117.4513889	5.487371126	7.59E-10	21.40394484
SLC7A5P2	NR_002594	128.3268565	8.828842657	3.31E-09	14.53495791
SELM	NM_080430	60.73978291	6.941428718	0.000754517	8.750328696
GNG13	NM_016541	51.26091271	4.279113808	0.000944841	11.97932914
H2AFX	NM_002105	126.4873427	25.69643382	3.63E-05	4.922369522
RTCA-AS1	NR_110435	38.70754654	2.901754493	0.004255015	13.33935956
TOB2	NM_016272	104.5488734	3.506785997	9.71E-10	29.81330297
RPL10A	NM_007104	89.17639348	12.45753937	5.04E-05	7.158427589
DDX56	NM_001257189	35.28390122	1.659735337	0.002620553	21.25875159
CYTH2	NM_004228	39.49961231	3.122652631	0.001366194	12.64937762
LINC00476	NR_023389	58.80650203	1.912841157	5.70E-06	30.74301378
MSX1	NM_002448	101.4743774	3.947455102	1.81E-09	25.70627779
THAP7	NM_030573	69.07743799	12.42782884	0.001340516	5.558286879
KLF16	NM_031918	22.82430213	0.238554189	0.002982824	95.67764124
RPL23	NM_000978	76.01849572	2.675790635	1.30E-07	28.40973234
GADD45A	NM_001924	105.6900885	15.14870515	9.80E-06	6.976839767
MRPL16	NM_017840	52.21459364	1.446958514	2.72E-05	36.0857572
TNFSF9	NM_003811	75.03889577	3.000007155	9.92E-07	25.0129056
C9orf142	NM_183241	47.83726739	3.556431073	0.001588574	13.45091931
SAT1	NM_002970	52.84504425	1.726929523	8.91E-05	30.60057954
TPIIIP2	NR_002187	52.40212782	1.120290102	2.06E-05	46.77549834
DOK4	NM_018110	35.37766831	0.492865751	0.000164358	71.77952255
STAG3L5P-PVRIG2P-PILRB	NR_036569	88.22271256	0.250443285	2.06E-12	352.2662325
RBM14-RBM4	NM_001198846	95.67453478	0.976171682	6.33E-10	98.00994699
DUS1L	NM_022156	45.99775361	2.263149692	0.000144286	20.32466247
RPL13AP5	NR_026712	106.3883872	16.420353	8.47E-06	6.479056033
RPS6	NM_001010	85.05444949	0.424182156	1.63E-10	200.5139731
EME2	NM_001257370	51.95921139	3.822082102	0.00027856	13.59447809
ENDOG	NM_004435	56.96698825	8.735370869	0.001207421	6.521416103
LOC283335	NR_033854	52.05297848	3.026104917	0.000359058	17.20131321
SLX1B	NM_024044	170.176747	22.01985185	2.52E-09	7.728332969
HSF1	NM_005526	79.34837395	0.759028624	7.32E-09	104.5393697
UBE2S	NM_014501	96.46660055	8.91650642	1.36E-06	10.81887861
C2orf47	NM_024520	92.69380589	0.176487723	1.50E-13	525.2139028
EFNA1	NM_182685	43.6215563	1.856393281	0.000218586	23.49801454
INO80B-WBP1	NR_037849	40.98997675	2.250407392	0.002171164	18.21446948
CIB1	NM_001277764	30.36989145	1.18383937	0.001528375	25.65372653
ABHD14A-ACY1	NR_037192	46.69605229	0.752149166	6.63E-05	62.08349936
CPSF1	NM_013291	100.4947775	5.815035399	1.09E-07	17.28188576

NFE2L1	NM_003204	71.01071887	0.921666478	3.89E-08	77.04600369
UQCRQ	NM_014402	80.14043972	6.611414759	9.53E-06	12.12152658
INPP5E	NM_019892	33.35062034	0.37188772	8.14E-05	89.67927289
SRPR	NM_001177842	38.96292879	1.792578088	0.000348275	21.73569399
MICALL2	NM_182924	108.227901	0.576957012	3.06E-13	187.5839944
TUBA1B	NM_006082	76.36764506	14.53256898	0.000598157	5.254930849
TTC32	NM_001008237	35.72681765	0.199436441	5.33E-05	179.1388645
LENG8	NM_052925	61.43808158	2.090399998	2.77E-06	29.39058632
OAZ1	NM_004152	110.1611818	4.878458554	1.25E-09	22.58114538
TMEM223	NM_001080501	99.54109653	10.78940718	6.58E-06	9.225817036
GPS2	NM_004489	59.15565137	9.05115569	0.002762003	6.53570145
SOCS1	NM_003745	145.2834679	10.582169	1.54E-09	13.72908218
MRPS26	NM_030811	60.39063357	3.062911092	3.79E-05	19.71674389
THOC6	NM_001142350	60.73978291	2.332078737	1.66E-05	26.04533969
SOWAHC	NM_023016	67.23792421	0.975019738	4.31E-08	68.96057752
LOC101928068	NR_111907	33.35062034	0.15879734	0.000148229	210.0200188
MIR17HG	NR_027349	30.81280788	0.174929628	0.000414507	176.14402
ARL4D	NM_001661	39.40584522	0.967662825	0.000855458	40.72270238
IRF2BP1	NM_015649	52.05297848	5.554143351	0.001226448	9.371918439
GADD45B	NM_015675	68.28537222	15.22239911	0.003480965	4.485848237
ARPC5L	NM_030978	82.07372059	0.867493139	1.54E-09	94.6102245
RRAGA	NM_006570	61.88099801	1.219566195	8.04E-06	50.74017161
LRWD1	NM_152892	74.43436419	4.586176873	7.74E-06	16.23015558
CTC-338M12.4	NR_109909	37.91548077	0.156351073	1.23E-05	242.5022095
GNB2L1	NM_006098	53.00665941	2.91637002	8.96E-05	18.17556039
SLC25A30-AS1	NR_047031	40.54706032	0.635385557	0.000104768	63.81489145
UQCC3	NM_001085372	81.28165483	13.72417722	0.000660938	5.922515683
TUBA1C	NM_032704	119.2909027	2.322094955	2.42E-12	51.37210363
LRRRC73	NM_001012974	40.29167807	0.769765026	0.000206927	52.34282764
IRF7	NM_001572	69.33282024	13.01709618	0.002421482	5.32628931
C1orf213	NR_033690	62.92844603	1.51116684	1.59E-06	41.64228882
TRIM28	NM_005762	80.23420681	3.928126683	7.15E-07	20.42556498
TAX1BP3	NM_014604	62.57929669	7.325750753	0.000420253	8.542373171
POLR2A	NM_000937	147.8212804	2.106043749	1.04E-15	70.1890834
POLR2E	NM_002695	30.53150661	1.114752356	0.003490154	27.3886002
DPH1	NM_001383	23.87175015	0.324004128	0.003724389	73.67730244
OXLD1	NM_001039842	48.09264964	1.280594774	0.0002026	37.55493199
C7orf43	NM_018275	68.82205574	2.55225216	2.19E-06	26.96522578
LIPT2	NM_001144869	82.07372059	3.015626228	3.58E-07	27.21614497
KRI1	NM_023008	47.7435003	1.906578742	0.000104768	25.04145213
THUMPD3-AS1	NR_027007	75.22642995	3.308891329	9.92E-07	22.73463299
TUFM	NM_003321	36.33134923	2.40012766	0.003055923	15.13725701
FSCN1	NM_003088	133.2408662	3.898373854	4.97E-12	34.17857579
IMPDH2	NM_000884	91.80797304	16.04456467	6.60E-05	5.722060707
EMC10	NM_206538	60.90139806	0.315681689	2.92E-08	192.9202743
KLF2	NM_016270	81.72457126	14.52064128	0.000286232	5.628165428
ZNF696	NM_030895	74.24683001	1.708682932	1.90E-07	43.45266675
BOK	NM_032515	35.9821999	0.047245482	5.95E-06	761.6008584
NEAT1	NR_028272	109.0199667	24.30879933	0.000104791	4.484794384
RSRP1	NM_020317	99.1919472	6.039240569	3.48E-08	16.42457293
RPL23A	NM_000984	74.78351352	3.036240574	6.72E-07	24.63029911
MED29	NM_017592	71.45363529	2.039748657	8.02E-07	35.03060785
PPP1R15A	NM_014330	73.89768067	6.580566383	4.07E-05	11.22968395
MANF	NM_006010	65.21087624	1.367472635	1.92E-07	47.68715261
ESAM	NM_138961	51.61006205	0.309548768	1.28E-06	166.7267565
ASF1B	NM_018154	68.63452156	0.271370274	9.01E-09	252.9183485
C10orf10	NM_007021	59.50480071	2.850954683	5.04E-05	20.87188585
NDUFB7	NM_004146	29.13490926	0.73996244	0.003718625	39.37349748
TAF1D	NM_024116	67.58707355	1.665809964	3.24E-07	40.57309959
CCDC137	NM_199287	72.31354913	0.75853713	3.17E-09	95.33290635
VASN	NM_138440	80.04667263	2.678136319	2.49E-07	29.8889463
ARC	NM_015193	99.98401296	2.262998695	2.46E-10	44.18209042

RNF223	NM_001205252	39.40584522	1.228586331	0.000342113	32.07413611
LOC646719	NR_046262	70.2186531	0.281236921	1.25E-09	249.6779326
NOP56	NR_027700	77.06594374	6.57787554	1.59E-05	11.71593218
PRDX2	NM_005809	59.24941846	2.075213756	5.70E-06	28.55099542
ADM	NM_001124	76.01849572	7.031258586	2.32E-05	10.81150619
CALR	NM_004343	112.5373791	3.898346796	5.70E-10	28.86797533
SPCS1	NM_014041	38.3583972	1.732742221	0.001209187	22.13739398
PYURF	NM_032906	76.62302731	0.661490932	1.55E-08	115.8338288
H3F3B	NM_005324	143.8609515	17.53010666	4.50E-08	8.206507486
VPS4A	NM_013245	41.68827543	0.487177627	9.06E-05	85.57099731
B4GALT7	NM_007255	55.73200605	1.388298718	4.34E-06	40.14410251
TXNDC17	NM_032731	62.23014735	4.464372988	9.82E-05	13.9392805
TUBB2A	NM_001069	84.35615081	5.687579309	4.84E-07	14.83164387
SAPCD2	NM_178448	68.02998997	1.72856539	9.92E-07	39.35633002
SIX5	NM_175875	33.001471	0.373698329	0.000280178	88.31045909
TOE1	NM_025077	49.67678118	3.570410487	0.000253776	13.91346495
COX6A1	NM_004373	58.3635856	0.369936669	1.28E-06	157.7664246
C19orf24	NM_017914	87.43064679	7.493173832	1.73E-06	11.6680393
ID1I	NM_004508	48.53556607	0.527477328	8.44E-06	92.01450657
HNRNPA0	NM_006805	72.94399974	0.476187672	2.65E-09	153.1833016
RNF123	NM_022064	56.26868957	0.89507276	1.41E-05	62.86493357
PDAP1	NM_014891	42.82949054	1.705881917	0.000433307	25.10694914
RPS8	NM_001012	70.91695178	6.634307359	5.98E-05	10.68942814
KLC3	NM_177417	46.6022852	0.09715415	2.25E-06	479.6736432
INTS6-AS1	NR_103812	63.37136246	8.49376277	0.002421482	7.460929175
TUBG2	NM_016437	61.34431449	1.293229761	8.96E-07	47.43496967
RPL18A	NM_000980	70.91695178	5.973702218	1.76E-05	11.87152442
RPS12	NM_001016	119.3846698	5.885125318	1.25E-09	20.28583307
GFER	NM_005262	51.70382914	1.276194678	1.35E-05	40.51406109
FAM127A	NM_001078171	55.91954023	5.60712582	0.001617876	9.972941936
LINC00896	NR_026919	30.02074211	0.974688111	0.00339551	30.80035733
IMP3	NM_018285	53.1004265	5.586377807	0.003359071	9.505341087
PLK3	NM_004073	78.55630818	4.561917884	1.62E-06	17.22001802
WDR83OS	NM_016145	73.64229842	11.81393245	0.001007866	6.23351274
KAZALD1	NM_030929	58.26981851	0.674352272	1.19E-06	86.4085745
PNRC2	NM_017761	64.25719532	0.537698789	8.12E-08	119.5040729
HINT2	NM_032593	35.09636704	0.866520645	0.001368939	40.50263226
EXOSC6	NM_058219	39.05669588	0.867012886	0.000442812	45.0474226

Sheet3: Pausing genes in HMBA treated HCT116 cells expressing shBrd4

Symbol	Gene ID	Promoter RPK	Gene Body RPK	pValue	Pause Ratio(TR)
APTX	NR_036579	68.29546324	3.253199529	2.13E-06	20.99332139
MPV17L	NM_173803	34.58488231	2.358409563	0.003717262	14.66449376
NUDT15	NM_018283	96.22565948	5.989519418	3.57E-08	16.06567285
CALU	NM_001199672	112.5950864	4.653963327	1.41E-09	24.19337637
LMLN	NR_026787	93.55404248	2.623347524	1.26E-08	35.66208504
NUDT4	NM_001301022	54.98609113	3.541303129	5.91E-05	15.52707834
AGFG1	NM_004504	63.82653061	3.963050704	1.60E-05	16.10540348
TMEM222	NM_032125	105.9891132	17.60410414	9.03E-06	6.020704739
MGST1	NM_001260512	81.11897176	1.377316812	7.87E-09	58.89637812
C2orf72	NM_001144994	70.48121666	5.383385634	2.11E-05	13.09235887
CHCHD3	NM_017812	76.26160134	2.716331822	9.05E-07	28.07521553
OCIAD1	NM_001079840	61.64077717	2.774418555	7.69E-06	22.21754791
MUTYH	NM_001293190	142.759749	16.26675109	4.41E-09	8.77616853
ENSA	NM_207044	114.8295527	7.068841436	5.32E-09	16.24446577
RBM10	NM_001204466	119.6869232	6.483514586	2.62E-09	18.46019186
AFF4	NM_014423	122.7956908	5.992902821	4.05E-10	20.49018556
TFDP1	NR_026580	145.382653	11.58488317	1.56E-10	12.54934132
WRNIP1	NM_020135	86.02505507	8.499291076	2.44E-06	10.12143887
PUF60	NM_078480	140.5252827	35.08282006	9.52E-06	4.005529842
EPT1	NM_033505	75.82445064	4.717274613	3.82E-06	16.07378346
CHST7	NM_019886	48.76855577	4.657283369	0.001188746	10.47145984
TAF1C	NM_139353	90.00812411	14.29938758	2.70E-05	6.294543985
IDNK	NR_046422	113.08095	8.295623565	2.59E-08	13.63139842
YY1AP1	NM_001198906	76.26160134	6.520116472	1.59E-05	11.69635568
CLPTM1	NM_001282175	58.09485881	11.92006576	0.003129601	4.87370288
FDXR	NM_024417	267.7411932	33.22983332	1.89E-15	8.057253572
GORAB	NR_027397	40.80241766	2.820441665	0.001354744	14.46667668
ST3GAL3	NR_073021	119.2497724	6.39912466	1.08E-09	18.63532573
ATP5G3	NM_001689	90.4452748	12.24115015	1.11E-05	7.388625555
GUSB	NM_000181	57.65770813	10.54837793	0.002776569	5.466026011
PDCD6	NR_073609	90.8824255	11.61859942	9.41E-06	7.822149834
GMDS	NM_001500	62.95222924	1.325143817	1.94E-06	47.50596005
ARNTL2	NM_001248005	113.0322371	4.082834281	1.94E-09	27.68474773
NPM1	NM_002520	73.58998434	11.85319098	0.000121307	6.20845344
GPR126	NM_001032394	66.06099693	3.119301971	9.16E-06	21.17813458
FERMT2	NM_001134999	131.1989796	1.477192842	1.19E-12	88.81641983
ZNF384	NM_001135734	61.64077717	10.11862055	0.000989403	6.091816259
C1orf131	NM_001300830	126.3416091	0.847957544	7.50E-16	148.9952063
RAE1	NM_003610	54.11178977	3.625831452	6.41E-05	14.92396723
LIPT1	NM_001204830	120.1240738	6.646538584	4.83E-10	18.07317783
PIEZO1	NM_001142864	185.3107694	26.63209913	4.90E-10	6.958173612
PLSCR3	NM_020360	140.9624333	20.13999304	7.56E-08	6.999130192
WTAP	NM_001270531	152.9603533	6.368271704	8.13E-13	24.01913116
NEK2	NM_002497	119.6869232	0.751421385	4.22E-16	159.2806986
GPRC5B	NM_016235	52.31447414	4.590564397	0.000657868	11.39608763
CDC27	NM_001293091	139.6509813	5.304566764	8.23E-12	26.32655738
SERF1A	NM_021967	196.8228258	21.82160142	4.76E-12	9.019632521
PRKAG1	NM_002733	118.8126218	11.34311886	3.63E-08	10.47442271
VARS2	NM_001167733	56.29754319	6.871696753	0.000609883	8.192669905
MYO1C	NM_001080950	81.11897176	17.43184287	0.000398323	4.653493745
PHF7	NM_016483	113.0322371	12.53928815	9.86E-08	9.01424672
ELP4	NM_001288725	44.34833603	1.128809803	8.13E-05	39.28769569
ZNF281	NM_001281293	74.02713503	8.474059083	7.80E-05	8.73573506
FIS1	NM_016068	117.9383204	14.04936258	1.67E-07	8.394567352
FN1	NM_212476	42.55102041	2.710525594	0.001066259	15.6984389
ITPR2	NM_002223	105.066099	1.922030451	2.31E-09	54.66411779
FAM200B	NM_001145191	125.0301571	6.761662665	1.54E-10	18.49103738
SLC43A3	NM_199329	101.5201806	6.452140947	4.30E-08	15.73434019
CCNB2	NM_004701	115.7038541	8.799764202	2.61E-08	13.14851756
OGT	NM_181673	77.13590271	2.336247568	2.94E-07	33.01700717

NEDD4L	NM_015277	62.95222924	4.058824986	1.95E-05	15.50996396
PPIP5K1	NM_001130859	47.8942544	5.861379698	0.001544805	8.171157111
PLAGL1	NM_001289049	65.18669554	4.536595301	4.74E-05	14.36907884
MOCS2	NM_176806	95.30264523	1.945073546	1.90E-10	48.99693661
TDP1	NM_001008744	130.7618289	3.649743501	4.81E-12	35.82767636
ST6GALNAC4	NM_175040	55.86039251	10.42184699	0.002018124	5.359932128
TBCK	NM_001163437	72.27853228	2.164710944	2.86E-06	33.3894613
FAS	NR_028036	68.73261391	3.160576955	1.80E-06	21.74685663
CLYBL	NR_104592	114.392402	2.632876428	3.61E-10	43.44769118
ATF2	NR_045768	62.51507855	3.596418642	1.59E-05	17.38259218
TPM4	NM_001145160	108.1748666	10.21438548	1.68E-07	10.59044295
CCT8	NM_001282909	51.87732345	4.628684431	0.00054264	11.20779008
BIRC6	NM_016252	47.01995303	2.750951733	0.000675263	17.09224937
NDC1	NM_018087	93.11689181	3.675813536	1.48E-08	25.33232192
MRPS18C	NM_001297767	50.5658714	4.876490259	0.000826077	10.3693166
ERGIC3	NM_198398	86.02505507	9.049084822	8.40E-06	9.506492288
CTSL	NM_145918	50.12872071	2.398856044	6.17E-05	20.89692745
NR1H3	NM_001251934	62.51507855	13.2544046	0.002761774	4.716551248
HDAC11-AS1	NR_046690	33.27343024	1.715561575	0.002952174	19.39506616
LINC00909	NR_024484	51.00302207	9.390284485	0.004518548	5.431467188
CHDH	NM_018397	61.64077717	7.635558319	0.000308955	8.072857883
TCEB1	NM_001204857	71.8413816	9.470328656	0.00020439	7.585943869
KPNA3	NM_002267	73.58998434	3.415590599	1.30E-06	21.54531763
RFXANK	NM_001278727	131.6848432	17.95360668	1.34E-07	7.334729201
PRADC1	NM_032319	51.00302207	7.630158606	0.003529416	6.684398674
SIK3	NM_025164	109.049168	2.847168553	1.16E-09	38.30091755
KDELR3	NM_016657	62.51507855	12.54389298	0.002412233	4.983706307
TNPO3	NM_012470	129.0132262	4.687895396	1.14E-10	27.5205002
ATG5	NM_004849	50.5658714	2.796767899	0.000191292	18.08011005
ZGPAT	NM_181485	69.60691528	10.09283687	0.000362393	6.896665051
CFLAR	NM_001202517	79.37036901	8.124770125	1.29E-05	9.768937188
LOC644656	NR_036539	160.4893408	30.24648284	3.56E-06	5.306049687
AKAP1	NM_003488	94.42834386	13.81207807	1.13E-05	6.836650025
ZNF518A	NM_014803	159.6150394	5.476441267	3.26E-14	29.14575938
EPC1	NR_104159	203.0403612	36.01653988	4.30E-09	5.637419972
B4GALT4	NM_003778	78.49606764	4.581490203	2.59E-06	17.1333047
AGPAT9	NM_032717	40.80241766	2.649246258	0.001926948	15.40151941
LOC100507053	NR_037884	58.96916018	1.886618772	3.07E-05	31.25653209
CENPBD1P1	NR_026052	74.07584791	10.01767401	5.96E-05	7.39451572
STK33	NM_001289059	35.50789655	1.004941923	0.001065164	35.3332822
LAX1	NM_017773	37.69364998	2.886617158	0.001821155	13.05807037
FGD5-AS1	NR_046254	130.7618289	2.312476216	1.15E-14	56.54623734
TMEM9B	NM_001286095	69.1697646	7.822855155	7.76E-05	8.842010139
ZNF101	NM_033204	64.74954487	7.480593445	0.000120507	8.655669547
ZFP90	NM_133458	58.96916018	8.508089552	0.00054227	6.930951987
LINC01128	NR_047526	76.26160134	5.763727082	8.71E-06	13.23129986
SCAMP5	NM_001178111	55.42324183	10.23776517	0.004745324	5.413607453
UPF3B	NM_080632	33.71058093	3.015341293	0.004844575	11.17969001
SPCS2	NM_014752	125.9044585	2.944275415	1.39E-11	42.76245961
ALG13	NM_001257230	88.2108085	1.288367602	2.00E-08	68.46711169
UBE2E1	NM_182666	42.11386972	2.642521202	0.00108587	15.93700353
DCUN1D4	NM_001287757	41.23956835	2.645787067	0.001947804	15.58688107
NUDT1	NM_198949	151.6001885	17.48015666	1.93E-09	8.672701932
DDX12P	NR_033399	65.18669554	11.29989067	0.000645217	5.768789935
DCLRE1A	NM_001271816	52.36318702	4.417007266	0.000568772	11.85490172
HOOK2	NM_001100176	95.30264523	15.80710378	2.21E-05	6.029102266
DAG1	NM_004393	112.5950864	9.69036494	1.27E-07	11.61928236
VPS13C	NM_017684	50.5658714	0.1094408	3.06E-06	462.0385768
NDUFA9	NM_005002	68.73261391	1.138923466	7.83E-07	60.34875564
BOD1	NM_001159651	98.8485636	6.394364692	1.99E-08	15.45869971
CCDC14	NM_022757	59.40631088	3.492880522	2.31E-05	17.00782792
ANKRD28	NM_015199	36.38219793	2.253908913	0.00385244	16.14182264

CD109	NM_133493	47.45710371	2.564901266	0.000342898	18.50250703
APAF1	NM_013229	110.4093329	1.932315568	1.98E-10	57.138355
CCNA2	NM_001237	107.737716	1.411909179	4.09E-13	76.30640666
RHOT1	NM_001288755	95.73979591	3.744016102	8.67E-09	25.57141671
TARBP1	NM_005646	93.99119317	2.962264083	1.45E-08	31.7295118
TEC	NM_003215	130.3246782	2.694889692	5.37E-12	48.35993049
PRPF40A	NM_017892	80.2446704	3.024901192	2.85E-07	26.52803027
SLC37A4	NM_001164278	72.27853228	15.71276355	0.00239371	4.599988542
FAM124A	NM_001242312	70.04406598	3.373939941	2.00E-06	20.76031797
MEIS3	NM_001301059	70.91836734	13.80122755	0.00057605	5.138555036
LINC00883	NR_028301	48.76855577	1.950426105	3.59E-05	25.00405201
NCK1-AS1	NR_110175	75.82445064	5.080513169	2.00E-06	14.92456532
KDM3A	NM_001146688	74.02713503	4.206017993	6.74E-06	17.60028967
CTNBL1	NM_001281495	41.67671904	1.293063121	0.000148762	32.23100122
LOC554206	NR_038379	73.15283366	8.038588543	0.000326321	9.100208732
LOC283922	NR_026950	104.1917976	5.984316599	1.40E-08	17.41080972
SEC14L1	NM_001039573	63.38937993	9.065910695	0.000385199	6.992058721
TBC1D14	NM_001113361	143.6340504	8.47341662	6.48E-11	16.95113751
RBM39	NR_040724	136.1050629	10.45893899	5.88E-10	13.0132763
LOC100507506	NR_103764	54.11178977	5.342341388	0.000351958	10.12885285
SC5D	NM_006918	47.01995303	4.522611549	0.001991569	10.39663754
LRCH1	NM_001164211	66.06099693	1.393866857	7.92E-06	47.39405101
DSN1	NM_001145318	78.93321834	7.640970841	8.03E-06	10.33026038
PACSIN3	NM_016223	90.00812411	19.35327955	0.00024089	4.650794399
NQO2	NM_001290222	116.1410048	6.929528759	1.93E-09	16.76030345
ZSWIM5	NM_020883	81.11897176	3.845991216	4.88E-07	21.0918245
SRR	NM_021947	106.8634146	7.948967357	3.27E-08	13.44368518
RPL22	NM_000983	165.3467113	7.668898035	8.76E-14	21.56068714
HHLA3	NM_001036645	53.67463907	2.858579124	2.69E-05	18.77668476
SLC35A2	NM_001282647	67.37244898	9.326711521	0.000181845	7.223601677
GLYCTK	NR_026699	98.46012576	16.49123748	2.36E-05	5.970451029
RBAK-RBAKDN	NM_001204513	57.22055744	8.406453689	0.000939477	6.806741529
API5	NM_001142930	66.93529829	2.475798622	3.64E-06	27.03584116
PHOSPHO2	NM_001199288	164.4724099	7.045900196	1.33E-14	23.34299455
MOB1B	NM_173468	61.64077717	0.954716591	7.24E-07	64.56447677
ZCCHC17	NM_001282571	108.6120173	2.567389597	3.78E-10	42.30445486
SAR1A	NM_020150	140.5252827	7.647281859	1.36E-11	18.37584717
METRNL	NM_001004431	109.4863187	25.95418868	0.000117355	4.218445047
OGDH	NM_001003941	173.7987129	6.938717501	6.58E-14	25.04767096
TBRG4	NM_199122	128.5760755	14.15133144	1.95E-08	9.085793525
OSGIN2	NM_004337	69.1697646	7.026327188	8.99E-05	9.844370003
PMS2	NM_000535	110.8464837	4.011914759	1.22E-09	27.62932174
MTDH	NM_178812	104.6289483	4.725349672	1.25E-08	22.14205414
SSB	NM_003142	84.22773945	5.507751099	1.72E-06	15.29258275
ENOSF1	NM_001126123	106.377551	7.940033213	6.21E-08	13.39762041
CCDC47	NM_020198	116.5781554	8.165731373	4.04E-09	14.2765112
GEM	NM_181702	128.5760755	9.263921741	5.80E-10	13.8792273
XIAP	NM_001167	84.22773945	2.851741824	1.22E-07	29.53554166
ZNF76	NM_003427	137.4165149	7.794260853	7.32E-11	17.6304742
ETNK1	NM_018638	99.33442714	1.770719086	1.54E-09	56.09835457
INO80C	NM_001098817	114.8295527	4.668913745	5.91E-10	24.59449006
CHTF8	NM_001039690	176.8587677	10.50114279	9.91E-14	16.84185914
CARS	NM_001014437	82.4791367	10.72512917	3.02E-05	7.690269776
ZC3H11A	NM_014827	75.82445064	4.898088823	4.20E-06	15.4804156
SH3BP4	NM_014521	66.06099693	9.92698253	0.000750233	6.65469056
MATN1-AS1	NR_034182	80.2446704	11.67302403	6.16E-05	6.874368643
RBBP8	NM_203291	93.99119317	3.021963272	1.53E-08	31.1026921
ATP2C1	NM_001199183	73.58998434	1.550216	1.00E-06	47.47079397
PDLIM5	NR_046186	137.8536657	5.605123452	2.02E-12	24.5942247
SKP1	NM_170679	179.5303847	6.328416709	6.86E-16	28.3689259
SCMH1	NM_001172218	80.2446704	4.256957429	3.21E-06	18.85024028
GLTSCR2	NM_015710	196.8228258	22.81589158	7.44E-12	8.62656737

HCCS	NM_005333	74.02713503	1.806888339	3.39E-08	40.96940216
CMTR2	NM_018348	39.49096561	2.926590879	0.002822269	13.49384565
TPD52L2	NR_045090	129.4503768	14.29051915	5.15E-08	9.058479644
DLST	NM_001933	93.11689181	10.46203457	2.14E-06	8.900457286
PSMA1	NM_148976	84.66489013	0.974382098	4.44E-09	86.89085142
MPND	NM_001300862	120.1240738	19.33699857	2.27E-06	6.212136459
RNF138P1	NR_001575	39.05381491	0.248771946	1.13E-05	156.9864111
MTIF3	NM_152912	83.35343807	6.160212329	2.39E-06	13.53093589
EIF3D	NM_003753	125.9044585	11.38640392	1.29E-08	11.05743827
CLASRP	NM_007056	150.2887363	14.81570563	7.73E-10	10.14387975
TMC4	NM_001145303	86.89935644	20.51510987	0.000801854	4.235870878
AKR1E2	NM_001271021	50.5658714	5.320452694	0.000653116	9.504054318
BANK1	NM_017935	65.18669554	1.55561759	9.13E-06	41.90406175
SMG1P5	NR_002453	113.08095	2.063661724	7.08E-11	54.7962627
USP10	NR_073577	155.5832575	8.257337182	4.94E-12	18.84181959
CRB3	NM_174881	61.2036265	10.78010979	0.003106343	5.677458548
MADD	NM_003682	94.42834386	8.275753753	7.73E-07	11.41024089
PSMC3IP	NM_001256016	89.57097344	16.93920116	9.05E-05	5.287792062
CCDC61	NM_001267723	108.6120173	9.740212877	1.15E-07	11.15088743
ZNF619	NM_001145083	86.46220574	2.506866739	2.11E-08	34.49014835
DHRS4L1	NR_102689	104.6289483	7.476339816	1.79E-08	13.99467532
PRPF3	NM_004698	78.93321834	2.890285673	1.34E-07	27.30983275
SECISBP2L	NM_014701	44.78548671	2.329884118	0.000514721	19.22219494
SLC35A3	NM_012243	124.5930065	2.062084487	3.18E-12	60.42090284
TRMT10B	NM_001286953	54.54894044	7.415992078	0.001544638	7.35558235
LSM4	NM_001252129	93.55404248	20.08472516	0.000212064	4.657969761
ZSCAN22	NM_181846	101.5201806	2.343138138	3.40E-10	43.32658794
IDS	NM_006123	81.11897176	1.09663415	5.28E-09	73.97086051
PPCDC	NR_125369	129.4503768	14.36907378	5.31E-08	9.008957626
FAM46C	NM_017709	123.2328415	8.086432474	8.49E-10	15.23945719
C11orf49	NR_103471	45.22263741	3.097339339	0.000674189	14.60047882
ARHGAP29	NM_004815	62.51507855	5.241423713	8.83E-05	11.92711789
EPHB3	NM_004443	77.13590271	15.65665045	0.000624425	4.926718072
PARP14	NM_017554	86.46220574	4.040773657	5.54E-07	21.39743848
IST1	NM_001270979	70.04406598	3.786793666	9.19E-06	18.49693228
ATE1	NM_001288734	139.6509813	1.599528416	6.78E-13	87.30759637
SYK	NM_001174168	38.56795136	2.536985418	0.003660264	15.20227554
TTLL4	NM_014640	129.8875276	7.203313796	5.16E-10	18.03163533
CLPX	NM_006660	82.4791367	5.652254554	1.00E-06	14.59225445
UBA52	NM_001033930	147.6171194	35.04634692	5.26E-06	4.212054391
IBTK	NM_015525	77.62176628	3.282523296	6.29E-07	23.64698108
NUP210	NM_024923	144.5083517	10.73902254	2.08E-10	13.45637847
SEC16A	NM_014866	109.049168	12.28443449	7.94E-07	8.877019783
RPS27L	NM_015920	133.4334458	1.577306874	3.73E-16	84.5957423
CCDC9	NM_015603	94.42834386	12.47724817	6.82E-06	7.568042456
TCERG1	NM_001040006	73.58998434	1.734319105	6.58E-07	42.43162872
STIM1	NM_001277962	48.76855577	2.244459418	0.000363429	21.72841949
ETV4	NM_001986	59.40631088	11.82833059	0.001634352	5.022374917
MGRN1	NR_102267	111.2836343	10.71314577	1.33E-07	10.38757772
CNOT7	NM_013354	90.8824255	5.250196437	6.28E-08	17.3102905
MIEF1	NM_019008	72.71568297	15.17776357	0.001525748	4.79093528
ATP5S	NM_001003803	90.8824255	6.102111864	2.99E-07	14.89360201
SLC35A1	NM_006416	113.9552513	2.972211193	4.96E-11	38.34022683
ZDHHC4	NM_018106	165.3467113	13.3347557	5.80E-12	12.39968058
C6orf203	NM_001142470	119.6869232	6.257931262	1.13E-09	19.12563724
TOM1L2	NM_001288786	73.15283366	6.719370908	1.01E-05	10.88685751
PGF	NM_002632	72.27853228	15.85760702	0.001481079	4.557972221
ATAD2B	NR_125717	128.5760755	2.227980865	1.11E-11	57.70968572
LRRC8E	NM_001268285	76.69875203	16.72709197	0.000550779	4.585301028
FYCO1	NM_024513	45.22263741	6.781851768	0.002812387	6.668184288
GUCD1	NM_001284252	141.8854476	16.02986392	7.27E-09	8.851319532
MIER3	NM_001297598	133.8705966	3.6399589	3.81E-12	36.7780517

SARNP	NM_033082	60.76647581	6.145288291	0.000159252	9.888303516
EXD2	NR_034164	67.42116185	3.912603127	2.22E-05	17.23179164
RAF1	NM_002880	75.38729997	5.189706201	8.73E-06	14.52631364
SEC14L4	NM_001161368	114.392402	10.36551124	2.58E-08	11.03586686
CWC27	NM_001297645	39.49096561	0.839224072	0.000121111	47.05652153
TCAIM	NM_001029840	56.34625608	4.260050043	0.000168472	13.2266653
GTF2F1	NM_002096	75.82445064	9.827209553	4.73E-05	7.715766132
SMIM14	NM_174921	69.60691528	4.724677507	2.84E-05	14.73262782
RNF41	NR_040053	109.4863187	10.38180358	1.03E-07	10.54598249
CANT1	NM_001159773	140.0881319	21.4678904	6.87E-08	6.525472663
KDM8	NM_001145348	115.2667034	6.369739361	2.53E-09	18.09598428
HELQ	NM_001297757	86.89935644	3.014348374	5.96E-08	28.82857111
ZNF317	NM_001190791	79.37036901	4.307326485	1.00E-06	18.4268291
IP6K2	NM_001146178	97.53711154	10.07550534	1.24E-06	9.680617323
TRPM2-AS	NR_109964	97.09996085	7.237959906	3.20E-07	13.415377
UBR5	NM_015902	116.6268684	5.481190631	1.67E-09	21.27765229
RASAL2-AS1	NR_027982	43.47403467	1.299449364	9.40E-05	33.45573585
TRAPPC5	NM_174894	84.22773945	16.9620088	0.000924712	4.965670073
RNF32	NM_001184996	119.2497724	6.733728995	2.35E-09	17.70932161
SERF1B	NM_022978	200.3687442	21.54909177	2.70E-12	9.298245436
ZSCAN16-AS1	NR_103456	66.06099693	6.760919787	0.000116589	9.771007349
DHX15	NM_001358	74.07584791	2.310613715	7.65E-07	32.05894929
TM9SF1	NM_001014842	93.11689181	22.27331765	0.000268596	4.180647592
SBDSP1	NR_024111	64.31239418	8.496152649	0.000282592	7.569590242
TPGS2	NM_001271953	30.60181325	0.469829674	0.000865077	65.13384515
HNRNPA1P10	NR_002944	146.742818	21.94155248	4.58E-08	6.687895861
CYB561A3	NM_001161454	90.4452748	16.52063905	4.12E-05	5.47468379
NR4A1	NM_002135	151.6001885	20.22045682	7.08E-09	7.497367137
MMADHC	NM_015702	79.8075197	3.494738906	5.37E-07	22.83647558
ITM2C	NM_001012514	82.91628738	17.18364784	0.000531445	4.82530183
SRSF10	NM_001300936	89.57097344	21.12315839	0.000546481	4.240415746
CPEB2	NM_001177383	45.27135028	0.178201709	6.06E-06	254.0455455
BRD7	NM_013263	81.11897176	3.146622059	2.37E-07	25.77969971
UNG	NM_080911	76.26160134	6.271459674	7.76E-06	12.16010392
RBM5	NM_005778	57.22055744	8.597693939	0.000966884	6.655337797
PPP1R3F	NM_033215	63.82653061	5.54484413	5.06E-05	11.51096931
AHSA2	NM_152392	155.1461068	11.34444736	3.27E-11	13.67595105
HARS	NM_001289093	58.09485881	11.19725607	0.002687631	5.18831207
ZNF138	NM_001160183	61.64077717	0.988026931	3.01E-06	62.38775001
2-Sep	NM_001008491	110.8464837	6.875188317	1.59E-08	16.12268327
PSMB1	NM_002793	125.4673077	3.98812122	7.50E-12	31.4602543
LOC100287015	NR_040040	122.7956908	5.848112327	2.07E-10	20.99749183
PAQR3	NM_001040202	143.1968996	0.51278865	2.52E-19	279.2513048
FANCA	NM_001286167	124.1558557	15.81694188	2.61E-07	7.849548707
ATAD2	NM_014109	176.0331791	9.713150136	3.52E-13	18.12318112
MLLT11	NM_006818	62.07792787	11.38526343	0.001902031	5.452480588
NUDT22	NM_001128613	103.754647	19.67814211	6.58E-05	5.272583477
LOC101928736	NR_110941	125.0301571	19.80746635	9.32E-07	6.312274113
CCT6A	NM_001009186	65.18669554	10.10093987	0.000440481	6.453527729
SUN2	NM_015374	91.75672686	15.46729726	5.04E-05	5.932305127
DEDD	NM_001039712	51.44017277	7.393466757	0.001994874	6.957517286
YEATS2	NM_018023	75.82445064	3.181211276	7.36E-07	23.83508798
UNC5A	NM_133369	94.86549455	11.49216591	3.68E-06	8.254796815
BRCC3	NM_001018055	42.11386972	3.858137601	0.00105999	10.91559557
THADA	NR_073394	119.2497724	4.18161385	1.10E-09	28.51764335
TSSC1	NM_003310	84.66489013	1.313372731	9.35E-08	64.46371861
PGAP2	NR_027017	59.40631088	11.80677641	0.001813289	5.031543649
APP	NM_201414	83.79058876	0.855916605	1.50E-08	97.89573924
DCAF8	NR_028103	114.392402	6.717780914	1.01E-08	17.02830197
GABPB2	NM_144618	101.0830299	3.809199184	2.20E-08	26.53655664
DOPEY1	NM_001199942	47.01995303	2.441978101	0.000597554	19.25486269
ESCO2	NM_001017420	103.3174962	3.991601685	6.66E-09	25.88371896

PIK3R4	NM_014602	52.31447414	0.917255989	1.02E-05	57.03366866
TNIK	NM_001161565	59.40631088	3.156537029	3.54E-05	18.82008997
PDLIM3	NM_001257963	66.49814761	4.104723543	3.40E-05	16.20039618
PLCG2	NM_002661	111.7207851	4.652718373	5.32E-09	24.01193799
MAP4K4	NM_001242559	52.75162482	2.348854681	0.000195502	22.45844549
ZNHIT3	NM_001281433	68.29546324	11.60676547	0.000666507	5.884108146
RAD50	NM_005732	133.4334458	5.130873026	3.31E-11	26.00599258
CD81-AS1	NR_108080	79.37036901	7.750432977	1.22E-05	10.24076581
WDR20	NM_001242417	82.91628738	4.764733405	1.36E-06	17.40208325
CIPC	NM_033426	58.96916018	5.345518249	9.52E-05	11.03151415
CKMT2-AS1	NR_034122	36.8193486	3.554830107	0.0036246	10.35755507
CBWD5	NM_001286836	73.63869723	12.34196614	0.000439211	5.966528866
TSC1	NM_001162426	76.26160134	4.274946607	3.76E-06	17.83919388
REV1	NM_001037872	131.1989796	2.581964667	3.10E-12	50.81362314
STAMPB	NM_006463	125.4673077	5.018552465	7.59E-11	25.00069664
FAM114A1	NM_138389	94.86549455	2.956117863	1.32E-08	32.09124228
PRDX6	NM_004905	90.00812411	4.347811399	1.90E-08	20.70193848
PMS2P5	NR_027777	101.5201806	2.012864488	1.75E-10	50.43567573
ZNF670-ZNF695	NR_037894	47.8942544	3.223655835	0.000354865	14.85712398
CDC42EP3	NM_006449	56.78340675	6.083544881	0.000235986	9.333934058
ZBTB24	NM_001164313	122.7956908	15.16240859	3.17E-07	8.098692902
WDR47	NM_014969	35.94504724	3.838037286	0.003705444	9.3654763
PPIA	NM_021130	179.9675353	20.8150825	3.80E-11	8.646015952
TGOLN2	NM_001206840	180.8418367	12.18769654	1.26E-13	14.83806526
INPP5F	NM_014937	122.7956908	4.566581136	3.76E-10	26.89007097
CHCHD2	NM_016139	80.68182108	8.252229516	1.81E-05	9.776972504
AP1S3	NM_001039569	116.1410048	5.279019983	1.18E-09	22.00048591
VWA8	NM_015058	125.9044585	1.722159552	3.04E-11	73.10847496
GIN51	NM_021067	91.31957618	5.497888984	1.73E-07	16.60993455
SON	NM_032195	61.2036265	8.642314551	0.000466418	7.081855924
KLHL21	NM_014851	144.071201	22.66327714	8.62E-08	6.357033013
LRRC16A	NM_017640	61.64077717	2.548346006	1.86E-05	24.18854309
CAST	NM_173060	86.02505507	3.174327473	8.80E-08	27.10024589
3-Sep	NM_145733	52.75162482	6.435577058	0.002430731	8.19687564
GOPC	NM_020399	63.87524348	1.618652624	6.20E-06	39.46198371
AP2M1	NM_001025205	133.4334458	19.78546593	8.30E-08	6.744013325
ABI1	NM_001178124	45.22263741	2.674870763	0.000619771	16.90647564
PPP1R9A	NM_017650	74.02713503	0.473040458	8.93E-08	156.4921853
MLLT10	NM_001195626	63.38937993	3.457689856	1.82E-05	18.33287038
ANKRD46	NM_001270377	66.54686048	5.628152634	4.20E-05	11.82392604
ZFYVE19	NM_001077268	94.86549455	16.67962069	4.19E-05	5.687509105
CCNG1	NM_004060	187.108085	12.13034172	4.00E-14	15.42479918
GPR63	NM_001143957	43.91118534	1.97319554	0.00082309	22.25384381
TCEB3-AS1	NR_038280	62.51507855	8.118847497	0.000256654	7.69999419
LEMD3	NM_014319	50.12872071	3.453749049	0.000178562	14.51429157
DUSP3	NM_004090	111.7207851	10.23932012	1.32E-07	10.91095735
CENPK	NM_022145	56.73469387	3.089115098	4.06E-05	18.36600194
HMGXB4	NM_001003681	91.75672686	1.575754529	3.75E-09	58.2303431
FAM76A	NM_001143913	58.09485881	6.186378983	0.000252728	9.390769459
INTS2	NR_026641	113.08095	5.533466797	1.81E-09	20.43582335
KBTBD3	NM_152433	56.29754319	2.359785652	2.29E-05	23.85705801
IRAK4	NM_016123	65.62384623	2.902663145	3.99E-06	22.60815085
NFYA	NM_002505	90.4452748	4.964009257	1.17E-07	18.22020672
RTFDC1	NM_001283035	35.94504724	1.216637522	0.002629402	29.54458217
PIK3R2	NM_005027	84.66489013	18.55711477	0.000361337	4.562395135
ZBTB5	NM_014872	94.86549455	5.059391082	5.72E-08	18.75037786
LINC01024	NR_102741	226.5016248	15.53875356	6.29E-17	14.57656329
FAM160B1	NM_020940	130.3246782	2.383037545	5.61E-13	54.68847037
DNAJC19	NR_046073	72.27853228	11.24063395	0.000258667	6.430111737
NANOS1	NM_199461	148.4914208	22.66808489	3.84E-08	6.550682227
RAP2B	NM_002886	71.40423091	10.03884362	0.00010194	7.112794425
ARHGAP12	NM_001270696	126.7787599	3.2640819	2.08E-11	38.84055725

RTN3	NM_201429	70.52992954	2.331746534	1.85E-06	30.24768281
TMEM136	NM_001198672	62.51507855	7.527898512	0.000142561	8.30445289
TMPPE	NM_001136238	55.42324183	9.337357777	0.0026627	5.935645088
ZNF562	NM_001300885	48.38011797	3.58069804	0.000233944	13.51136494
METTL14	NM_020961	47.45710371	5.156397037	0.001246067	9.203539482
MED7	NM_001100816	72.71568297	0.986001007	7.09E-09	73.74808186
DDHD1	NM_001160148	75.82445064	3.565802235	7.71E-07	21.26434548
TP73	NM_001204186	90.8824255	12.57944643	2.27E-05	7.224676064
PSMD6	NM_014814	56.73469387	4.981608955	0.000129406	11.38882927
MXD1	NM_002357	73.58998434	6.284819217	5.95E-06	11.70916486
SSFA2	NM_006751	52.31447414	5.912483385	0.000814199	8.848138883
AK2	NM_001625	85.58790438	5.429998712	3.98E-07	15.76204875
ARHGEF40	NM_018071	58.5320095	10.27043822	0.002707045	5.699076151
RPE	NM_001278285	79.37036901	2.830493799	6.08E-08	28.04117396
R3HCC1	NM_001136108	96.66281017	23.61158667	0.000229478	4.093871857
ZNF669	NM_024804	72.27853228	7.607064721	2.82E-05	9.501500899
IQCD	NM_138451	47.8942544	7.509795952	0.004549931	6.37757067
PLK2	NM_006622	123.2328415	5.034178897	2.51E-11	24.47923365
C18orf21	NM_001201475	112.1579357	1.758430558	1.86E-12	63.78297693
FAIM	NM_018147	90.00812411	1.563133309	1.21E-09	57.58186047
C3orf52	NM_024616	46.58280234	4.977235982	0.00235994	9.359170935
FANCI	NM_018193	103.3174962	3.940940178	1.81E-08	26.2164589
DONSON	NM_017613	131.1989796	10.38232477	1.29E-09	12.6367632
DPYD	NM_001160301	45.65978809	0.318999502	4.53E-05	143.1343555
NBPF11	NM_183372	42.11386972	2.590719276	0.000953566	16.25566695
NKD1	NM_033119	90.8824255	6.579271489	2.86E-07	13.81344814
DPP8	NM_017743	86.89935644	3.978660957	6.90E-07	21.84135753
VRK2	NM_001288836	51.92603633	3.037641801	0.000186935	17.09419337
SLC26A6	NM_001281732	80.2446704	19.34565991	0.001759921	4.147941748
MRPL30	NR_028356	51.00302207	5.388033576	0.000608212	9.465980742
KHDRBS1	NR_073499	66.49814761	7.956231387	0.000202001	8.357995686
CBFA2T2	NM_001032999	55.86039251	3.83231638	6.03E-05	14.57614324
PVR	NM_001135768	125.9044585	12.58605794	1.83E-08	10.00348632
USP33	NM_015017	98.8485636	2.882921216	2.88E-09	34.28763958
NIPA2	NM_001008860	94.42834386	3.626840416	4.12E-08	26.03597981
MLXIPL	NM_032952	111.2836343	16.14404334	1.55E-06	6.893169942
TSR3	NM_001001410	136.9793643	29.96320905	6.82E-06	4.571585241
PON2	NM_000305	86.46220574	2.959735951	3.25E-08	29.21281059
SKAP2	NM_003930	73.15283366	2.564674093	1.50E-06	28.5232474
TPD52	NM_001025253	86.02505507	5.303375666	9.62E-07	16.22081114
TSG101	NM_006292	92.67974111	2.747661012	1.36E-08	33.73041314
BCL2L11	NM_001204108	136.5422136	9.59644029	6.55E-10	14.2284232
TMEM25	NM_001144037	64.74954487	11.47936534	0.000526619	5.640516087
GTF2H2B	NR_033417	43.47403467	2.609599628	0.000845902	16.65927379
SMUG1	NM_001243788	62.95222924	12.18385215	0.001952843	5.166857613
PDE8A	NM_001243137	67.42116185	3.900053922	5.31E-06	17.28723838
LINC00854	NR_047479	65.18669554	12.18508279	0.00105048	5.349712977
MAPK13	NM_002754	95.30264523	10.3800761	1.43E-06	9.181305059
CCDC77	NM_001130148	76.26160134	3.911350655	3.57E-06	19.49751072
SLC9A6	NM_001177651	31.47611462	0.88840868	0.001540453	35.42976936
DTNB	NM_183360	49.20570646	2.79867373	0.000376757	17.58179452
SLC30A9	NM_006345	82.4791367	1.578553398	1.22E-07	52.24982367
MRPL52	NM_181307	51.00302207	7.572420259	0.003455411	6.735366016
HNRNPA2B1	NM_031243	174.2358636	18.729	3.25E-11	9.302998753
TGFBR1	NM_004612	52.31447414	2.716816464	0.000143145	19.25579988
CANX	NM_001024649	98.89727652	7.286429394	1.58E-07	13.57280379
KRCC1	NM_016618	157.3805731	5.990520182	3.65E-13	26.27160386
NFYC	NM_014223	58.09485881	6.225567572	0.000297302	9.331656615
MYO5A	NM_000259	93.99119317	1.544808434	1.74E-08	60.84326776
C1QTNF9B-AS1	NM_001014442	70.04406598	14.83072824	0.001171321	4.722901321
BCCIP	NM_016567	105.5519625	9.923985776	2.60E-07	10.63604532
SCN8A	NM_014191	77.13590271	2.219287153	8.10E-07	34.75706269

CENPJ	NR_047594	59.40631088	2.635712311	1.78E-05	22.53899662
NDUF6F6	NM_152416	172.8756986	3.251799933	1.57E-16	53.16307957
SCD	NM_005063	78.93321834	14.70952067	0.000354055	5.366131237
LOC81691	NM_001199053	111.7207851	3.261395317	1.41E-10	34.25551772
RALA	NM_005402	65.18669554	1.683600652	5.82E-06	38.71862098
ADSL	NM_000026	126.8274728	7.825114957	3.53E-10	16.20774563
RGS19	NM_005873	69.1697646	9.821640337	0.000423261	7.042587819
KRIT1	NM_194455	60.76647581	4.426089385	0.00013586	13.72915694
STX17	NM_017919	127.2159105	3.616617177	6.35E-12	35.17538746
STIP1	NM_001282652	137.9023785	16.74661742	3.04E-08	8.234640767
BCDIN3D-AS1	NR_027499	44.34833603	4.035240169	0.00145691	10.99025936
LYN	NM_002350	108.6120173	2.826585237	8.18E-10	38.42516967
PHKB	NM_001031835	71.8413816	0.304465214	7.23E-08	235.9592439
PCID2	NM_018386	105.5032497	5.872457231	6.16E-09	17.96577574
MASTL	NM_001172303	57.65770813	5.16425234	0.000226818	11.16477359
CD276	NM_001024736	63.82653061	9.917735293	0.001056633	6.435595298
RFWD3	NM_018124	111.2836343	6.614658645	1.76E-08	16.82379096
HIGD1A	NM_001099669	54.98609113	5.196719944	0.000350461	10.58092253
RNF146	NM_001242852	66.98401118	5.099871162	2.87E-05	13.13445165
NFKB1	NM_001165412	116.1410048	3.077853364	1.22E-10	37.7344178
PLOD2	NM_000935	40.36526697	1.053042896	0.000230204	38.33202533
FBXL4	NR_103836	109.4863187	0.572945391	8.71E-13	191.0938117
EMR2	NM_001271052	69.60691528	5.112357832	2.32E-05	13.61542317
COG6	NM_001145079	54.54894044	1.525819465	8.93E-05	35.75058628
NFE2L2	NM_006164	93.55404248	10.40953035	2.81E-06	8.987345188
YAP1	NM_006106	55.42324183	3.871025487	0.000106807	14.31745722
RHBG	NM_020407	76.26160134	8.214759375	1.21E-05	9.283485719
B3GALTL	NM_194318	84.22773945	1.708541856	1.65E-07	49.2980252
TMEM230	NM_001009924	104.6289483	3.597473787	3.93E-10	29.08400574
VPS13B	NM_152564	173.3615622	2.304339508	2.13E-15	75.23264764
CSRNP2	NM_030809	132.9962952	10.85444267	5.91E-10	12.25270603
NFAT5	NM_173215	116.5781554	4.732462815	1.44E-09	24.63371821
YWHAZ	NM_001135699	75.82445064	18.02110741	0.001723413	4.207535582
CHIC2	NM_012110	50.5658714	2.955122092	0.000154628	17.11126303
PSMG3-AS1	NR_027329	150.7258871	13.33187757	3.74E-10	11.30567591
NAA60	NM_001083600	54.98609113	11.16269541	0.004901652	4.925879379
LINC00673	NR_036488	318.3070646	10.52108099	7.67E-26	30.25421675
EXOSC3	NM_016042	117.9383204	16.1506521	6.88E-07	7.302387524
ARL13B	NM_001174150	83.79058876	0.561332158	1.23E-09	149.2709575
TMEM168	NM_001287497	51.87732345	1.967282085	8.35E-05	26.37004822
PARD3	NM_001184787	88.64795919	2.442033897	9.24E-08	36.30087169
RNF4	NM_002938	123.2328415	8.929695217	2.13E-09	13.80034127
TOMM40	NM_006114	119.2497724	20.26740039	1.86E-06	5.883821807
ANKEF1	NM_198798	111.7207851	0.274807595	1.54E-15	406.5418386
CHMP1A	NM_002768	156.5062718	22.11804907	6.46E-09	7.075952822
LOC100507564	NR_038953	65.62384623	13.24794233	0.001753003	4.953512373
CTDNEP1	NM_015343	140.0881319	14.38114227	3.32E-09	9.741099092
LTV1	NM_032860	77.13590271	3.439934359	1.25E-06	22.42365541
FGFR1	NM_001174065	51.44017277	8.296366778	0.003085515	6.200325293
ACAD8	NM_014384	63.43809281	1.88813485	1.19E-06	33.598285
INSIG1	NM_005542	55.42324183	6.110298475	0.001040586	9.070463915
SH3GLB2	NM_020145	123.2328415	16.42373481	1.41E-07	7.503338483
LOC102606465	NR_109849	55.4719547	0.464273165	1.82E-06	119.4812857
CAAP1	NM_024828	93.11689181	1.651515844	3.72E-09	56.38268148
CMPK2	NM_001256478	52.31447414	1.990520475	7.68E-05	26.28180659
ROR1	NM_005012	58.09485881	2.276056571	6.29E-05	25.52434748
TMEM143	NM_018273	76.69875203	9.323156265	7.23E-05	8.22669382
FOS	NM_005252	188.4195371	32.81152862	5.36E-09	5.742479702
TMEM254	NR_072985	36.8193486	0.839279683	0.000677782	43.87017744
TRIM7	NM_203295	58.09485881	10.98283439	0.002206634	5.289605282
LOC101929231	NR_110240	80.68182108	0.73417482	2.41E-08	109.8945631
GLB1L	NM_001286423	125.9044585	13.66502782	2.00E-08	9.213626212

UBE3D	NM_198920	45.70850097	1.484925522	0.000602866	30.78167915
CPNE1	NM_152925	144.071201	12.88779815	1.04E-09	11.17888404
TCEB2	NM_007108	129.8875276	24.79801699	3.72E-06	5.23781912
UBE3B	NM_001270449	203.0403612	7.0334548	2.36E-18	28.86779926
RNF7	NM_183237	85.1507537	10.19367045	1.74E-05	8.353296693
TOMM5	NM_001001790	126.3416091	4.462639153	6.90E-12	28.31096237
ZBED1	NM_001171136	53.18877551	8.856380137	0.001357764	6.005701504
CDK11B	NM_033486	79.8075197	15.05794497	0.000179	5.300027319
ABCC3	NM_001144070	82.4791367	17.92921835	0.000677782	4.600263943
SCP2	NM_001193617	58.96916018	2.313295256	2.83E-05	25.49141102
PAPOLA	NM_001252007	133.4334458	3.852418053	4.66E-12	34.63628402
DUS3L	NM_001161619	129.0132262	20.68811485	4.07E-07	6.236103535
SGSM1	NM_001098497	76.69875203	3.960335345	8.04E-07	19.36673169
LMBR1	NM_022458	130.3246782	3.531480022	9.41E-12	36.90369969
NCEH1	NM_001146276	66.49814761	4.704754886	4.99E-05	14.13424275
RUFY2	NM_001278225	131.2476924	4.762453376	1.18E-11	27.55884039
SUV39H2	NM_001193427	101.0830299	2.632818207	5.06E-10	38.39347117
C2orf43	NM_001282720	77.13590271	1.290291226	5.08E-07	59.78177731
GPN3	NM_016301	42.59973328	4.500979831	0.003231011	9.464546584
GULP1	NR_045562	77.13590271	2.468022668	8.93E-07	31.25413057
ZEB1	NM_001174093	62.95222924	1.699728895	1.61E-05	37.03662944
TRIM41	NM_033549	153.8346547	26.68098627	1.09E-07	5.765703455
CTTNBP2NL	NM_018704	69.60691528	0.95568979	1.21E-07	72.83421461
CUL2	NM_001198777	54.98609113	1.262811219	6.60E-05	43.54260583
ZNF7	NM_001282797	121.9213894	22.5757354	4.03E-06	5.400550072
TAF9B	NM_015975	52.75162482	3.697042843	0.000290766	14.26859981
PHF2	NM_005392	46.09693877	5.572176141	0.002829867	8.272699499
MKLN1	NM_013255	126.3416091	2.991061056	2.51E-11	42.23972923
SLC22A5	NM_003060	87.33650713	9.565248781	7.14E-06	9.130604873
TSPAN3	NM_001168412	75.38729997	4.980320923	4.96E-06	15.13703658
RNF111	NM_001270528	85.58790438	3.541976337	1.18E-07	24.16388373
ARAF	NM_001256197	80.68182108	4.055163145	2.15E-07	19.89607278
MAP3K15	NM_001001671	42.11386972	1.86670308	0.001129025	22.56056154
C21orf67	NR_027129	136.9793643	12.88562118	1.13E-09	10.63040441
TARSL2	NM_152334	120.1240738	2.076942754	1.98E-11	57.83696906
C14orf178	NM_174943	71.40423091	3.211933142	1.10E-06	22.23092068
LPCAT1	NM_024830	66.49814761	11.89289538	0.000727288	5.591417856
DBT	NM_001918	29.2903612	1.057619705	0.003281966	27.69460615
METTL9	NM_016025	51.87732345	3.399817236	0.000164774	15.25885654
RABEP1	NM_001291581	58.96916018	3.25773766	2.96E-05	18.10126117
BMS1P6	NR_024495	104.6289483	3.40614766	7.88E-10	30.71767836
RPS10	NM_001203245	106.4262639	16.53535135	5.23E-06	6.436286813
RHOD	NM_014578	119.6869232	15.14565594	1.71E-07	7.902392849
PFKP	NM_002627	87.33650713	7.838483886	2.48E-06	11.14201527
LOC151484	NR_038238	48.33140508	5.807223527	0.001143305	8.322635569
ACPI	NM_007099	77.57305339	5.049922226	1.18E-06	15.36123725
GPR89A	NM_001097613	109.049168	2.724231984	3.65E-10	40.02932521
PPARD	NM_001171818	100.2087285	8.629967389	2.81E-07	11.61171578
ST3GAL4	NM_001254757	52.31447414	5.470591248	0.0008683	9.562855597
RNF166	NM_178841	110.4093329	21.13919534	7.64E-06	5.222967628
CBR3-AS1	NR_038892	94.42834386	7.723835853	4.31E-07	12.22557621
CMC1	NM_182523	94.42834386	1.123780462	3.80E-09	84.0273942
TNFRSF11A	NM_003839	61.64077717	4.238070011	8.13E-05	14.54453961
SCN5A	NM_001099405	105.9404003	5.722949729	1.50E-08	18.51150287
PIP4K2B	NM_003559	176.421617	12.7761275	9.92E-13	13.80869258
GPN1	NM_001145049	64.31239418	3.129628568	3.10E-06	20.54952937
RBM27	NM_018989	105.066099	2.40551171	8.94E-10	43.67723446
RANBP6	NM_001243202	94.42834386	1.64470421	9.47E-11	57.41357216
RP9	NM_203288	141.399584	1.60239831	8.90E-16	88.24246945
MAD1L1	NM_001013836	90.4452748	7.465164291	1.84E-06	12.11564425
CENPO	NM_001199803	93.99119317	8.528910679	5.36E-07	11.02030455
PARP9	NM_001146103	50.12872071	3.369214784	0.000138816	14.87845802

SLC41A3	NM_001008485	98.8485636	4.934326149	4.00E-08	20.03283946
BTF3L4	NM_001136497	47.01995303	4.142162445	0.002296056	11.35154733
C12orf4	NM_020374	80.2446704	2.284771893	1.77E-07	35.12152379
ARL4C	NM_001282431	59.40631088	11.5172957	0.004523481	5.158008654
SLC30A6	NM_001193513	71.8413816	1.925067997	1.29E-06	37.31888002
CHTOP	NM_001206612	136.9793643	12.32239217	2.74E-09	11.11629645
FGFR1OP	NM_194429	108.6120173	5.168556264	4.09E-09	21.01399536
PCBP1-AS1	NR_033872	160.0521901	6.594491194	2.63E-13	24.2705897
LOC101927620	NR_110062	168.4554789	2.347909792	6.83E-19	71.7469979
BLMH	NM_000386	75.82445064	5.562341042	3.89E-06	13.63175146
POLR3D	NM_001722	79.8075197	18.79528946	0.001307812	4.246144751
CDK13	NM_003718	69.60691528	1.859236583	4.24E-06	37.43843894
SRA1	NR_045587	101.0830299	22.14040834	0.000123342	4.565544968
LHPP	NM_001167880	134.7936109	12.34605564	2.15E-09	10.9179494
ZMIZ2	NM_001300959	99.28571429	20.610957	8.94E-05	4.817132669
DDX19B	NM_001014449	114.392402	5.76664625	1.03E-09	19.83690294
RER1	NM_007033	122.3585401	22.44427224	3.62E-06	5.451659951
ENDOV	NM_173627	141.4482969	24.42478647	1.61E-07	5.791178445
UBE2E3	NM_001278555	73.15283366	1.589767083	7.70E-07	46.01481214
HMGB3	NM_001301229	84.66489013	10.07547891	1.43E-05	8.403063607
ANXA2	NM_001002858	178.6560833	6.680697932	1.07E-14	26.74212861
ANKHD1	NM_017747	50.5658714	4.15383879	0.000200388	12.17328692
MRPL39	NM_017446	97.09996085	0.660102018	6.88E-12	147.0984155
INF2	NM_032714	95.30264523	19.58053062	7.94E-05	4.867214636
SPDYC	NM_001008778	83.79058876	19.41074049	0.000884739	4.316712636
GRSF1	NM_001098477	54.98609113	5.604625927	0.000377747	9.810840517
CAMSAP2	NM_001297707	55.42324183	2.610082725	9.96E-05	21.23428553
LARP4	NM_052879	58.09485881	5.09242994	0.00028782	11.40808209
RFWD2	NM_001286644	79.37036901	0.747685759	2.46E-08	106.1547155
HERC2P2	NR_002824	39.00510204	1.12250277	0.000238364	34.74833479
SNHG17	NR_027241	132.9962952	20.69503112	1.59E-07	6.426484427
ZNF70	NM_021916	70.04406598	9.646331357	0.000110917	7.261212931
DNAJA3	NM_001135110	113.9552513	10.96376689	5.10E-08	10.39380466
ADAT3	NM_138422	114.8295527	18.30208976	3.00E-06	6.274122476
TBC1D9B	NM_198868	123.6699922	10.42942127	1.18E-08	11.85780006
PPT1	NM_001142604	50.5658714	8.221154608	0.00270704	6.150701916
ILF3	NM_012218	172.8756986	15.05297807	1.10E-11	11.48448485
MST4	NM_001042453	51.00302207	2.015133762	0.000129178	25.30999333
ZNF408	NM_024741	154.2718054	21.07862626	1.32E-08	7.318873796
MELK	NM_001256690	148.05427	6.360728229	2.28E-12	23.27630811
PSMA3	NM_002788	61.2036265	11.13561738	0.001777115	5.496204156
HEXA	NM_000520	60.76647581	6.162815509	0.000134211	9.860180907
NUAK1	NM_014840	65.18669554	2.89077339	7.36E-06	22.54991546
TTLL6	NM_001130918	48.76855577	5.915067509	0.001539619	8.244801212
TTC39B	NM_001168340	47.8942544	0.494180023	2.25E-05	96.91661371
COQ9	NM_020312	155.6319704	5.60853444	5.49E-14	27.7491334
DNAJC8	NM_014280	116.1410048	5.067042202	4.13E-10	22.92086786
KIAA1244	NM_020340	77.13590271	2.63798699	8.06E-07	29.24044091
CCDC126	NM_138771	62.51507855	0.503269499	1.13E-07	124.2178967
MYO5C	NM_018728	134.3077472	5.596816272	4.03E-11	23.99716923
TOMM70A	NM_014820	43.47403467	2.663649232	0.00087665	16.32123109
MARK3	NM_001128921	119.735636	5.232367814	8.06E-10	22.88364279
SSH2	NM_001282130	113.0322371	2.775033801	3.45E-10	40.73184155
C3orf58	NM_173552	51.87732345	3.246757293	9.65E-05	15.97819571
SPATA33	NR_073515	135.6679122	21.37726127	4.12E-07	6.346365445
SGPP1	NM_030791	101.0830299	4.14942383	2.20E-08	24.36073875
SNX2	NM_003100	56.29754319	2.698141798	4.33E-05	20.8653019
TSN	NM_004622	47.01995303	2.221653751	0.000177638	21.16439297
PDE5A	NM_033437	37.69364998	1.667659133	0.003616464	22.60273051
ZNF35	NM_003420	84.22773945	7.047878036	2.15E-06	11.95079413
ATP2A2	NM_170665	133.4334458	8.423210482	2.66E-10	15.84116248
ARF6	NM_001663	125.4673077	18.37531627	6.56E-07	6.828035279

BRMS1	NM_015399	133.4334458	16.27811446	4.29E-08	8.197106991
MRPS18A	NM_018135	99.7715779	9.786983356	4.88E-07	10.19431364
TCF12	NM_207037	39.49096561	2.138258776	0.002221876	18.46874946
ZFAND5	NM_001278243	66.93529829	6.462475424	9.88E-05	10.35753235
BTRC	NM_003939	52.36318702	5.295070816	0.000977733	9.889043762
SLC12A2	NR_046207	102.8803456	2.79079578	2.38E-09	36.86416122
TXLNG	NM_018360	97.97426223	3.547801535	6.18E-09	27.61548561
WDR35	NM_001006657	48.33140508	2.355681157	0.000303459	20.51695534
ZNF658B	NR_003528	121.4842387	8.594462483	4.19E-09	14.13517587
TOMM20	NM_014765	92.19387756	3.032375757	2.86E-08	30.40318382
RRNAD1	NM_015997	208.3348823	18.8051773	4.42E-14	11.07859176
ZNF652	NM_001145365	129.8875276	4.601561216	8.40E-11	28.22683899
GTPBP3	NM_032620	113.9552513	21.16997193	1.41E-05	5.382872104
RNF187	NM_001010858	92.19387756	14.90612376	2.68E-05	6.184966597
BNIP1	NM_013980	42.11386972	3.958458595	0.003383191	10.63895673
ALG5	NM_001142364	115.7038541	3.614689563	8.92E-10	32.00934745
HN1L	NM_144570	86.46220574	10.35261637	1.25E-05	8.351725073
MUM1	NM_032853	116.5781554	11.19970393	2.29E-08	10.40903904
KIAA1524	NM_020890	64.74954487	3.325040846	5.52E-06	19.47330811
TYW5	NM_001039693	195.9485244	3.802117596	2.04E-19	51.53668172
ARL8A	NM_001256129	79.8075197	16.46663884	0.000302702	4.846618699
ZNF33A	NM_001278176	102.394482	0.625515349	1.53E-12	163.6961941
COX5B	NM_001862	113.4693878	16.84364462	2.63E-06	6.736629176
RNF141	NM_016422	105.066099	4.363498834	3.81E-09	24.07840657
ACBD5	NR_073196	68.73261391	2.517321236	2.56E-06	27.30387085
SMG1P1	NR_027154	141.4482969	0.944955686	2.28E-15	149.6877568
RPS6KB1	NM_001272044	132.1219938	6.270431215	4.87E-11	21.07063921
ZFYVE26	NM_015346	70.48121666	4.562406813	1.45E-05	15.44825342
LMF1	NM_022773	108.6120173	8.418284787	5.61E-08	12.90191768
C2orf69	NM_153689	100.2087285	4.688370365	6.04E-09	21.37389343
IRF2BP2	NM_001077397	52.31447414	9.385602722	0.004125773	5.573906726
PMPCB	NM_004279	70.04406598	2.555220011	3.67E-07	27.41214677
NCOA3	NM_001174087	50.12872071	2.795579777	0.000193876	17.931422
ZUFSP	NM_145062	58.09485881	5.021972892	0.000227361	11.56813469
EPHX4	NM_173567	73.58998434	1.041276836	1.14E-07	70.67283336
CYP51A1	NM_000786	65.18669554	6.039760126	3.27E-05	10.79292789
WDR70	NM_018034	54.54894044	1.312421322	1.24E-05	41.563589
MEF2BNB-MEF2B	NR_027307	117.5011696	13.98611683	1.71E-07	8.401271852
GTF3C5	NM_001286709	85.58790438	13.73401597	5.10E-05	6.231819198
FAM96A	NM_001014812	44.34833603	2.232407745	0.000298138	19.86569709
ZNF189	NM_197977	83.79058876	2.489777748	5.13E-08	33.65384273
REXO2	NM_015523	55.86039251	3.592215624	7.59E-05	15.55040074
STXBP5-AS1	NR_034115	34.58488231	0.454306432	0.001031162	76.12677223
RALGPS1	NM_001190730	45.22263741	5.1791533	0.002952818	8.731666121
CASP7	NM_001267056	56.78340675	6.596334622	0.000279003	8.608327202
SERBP1	NM_001018067	60.76647581	7.314359604	0.000482813	8.307832689
FIP1L1	NM_030917	40.36526697	2.571044942	0.001973109	15.69994608
FAM204A	NM_022063	88.69667206	3.947738792	1.96E-07	22.4677155
NADSYN1	NM_018161	52.31447414	5.640424638	0.000842272	9.274917669
NPTN	NM_001161364	124.1071429	4.690226103	2.94E-10	26.4608017
PBRM1	NM_018313	211.44365	4.619015098	3.43E-18	45.77678261
CLCN2	NM_004366	120.5612245	14.25240066	1.64E-07	8.459011742
FLVCR1-AS1	NR_027286	86.89935644	9.203196612	2.29E-05	9.442301421
RNF19B	NM_001300826	148.05427	6.084617658	2.51E-12	24.33255109
FAM111A	NM_001142521	69.60691528	6.345580809	4.83E-05	10.96935291
PIP4K2A	NM_005028	101.9573313	3.939046348	3.81E-09	25.88376025
ZNF655	NM_024061	101.5201806	15.32739016	5.44E-06	6.623448579
RBKS	NM_022128	47.45710371	4.959230457	0.001630448	9.569449156
TBC1D1	NM_001253912	37.2564993	3.13109242	0.003971183	11.89888202
PHYHIPL	NM_032439	24.38427789	0.338683567	0.004651855	71.99722771
CAV2	NM_198212	86.02505507	7.186124214	3.06E-06	11.97099473
PIGG	NM_001289055	109.049168	2.93881697	5.45E-10	37.10648507

DENND1B	NM_001300858	74.46428571	0.929328054	9.65E-08	80.12701799
ZNF195	NR_040083	90.00812411	8.917983423	3.31E-06	10.09287861
SLC26A5	NM_206884	28.36734694	0.986388628	0.003549361	28.75879359
TMEM147	NM_032635	108.1748666	2.236268947	8.46E-11	48.37292348
FIGNL1	NM_001287494	65.18669554	3.662065395	3.23E-06	17.80052744
ZFYVE28	NM_001172656	62.95222924	9.595858105	0.000408533	6.560354327
PLA2G12A	NM_030821	68.29546324	5.883464214	1.57E-05	11.6080358
VDAC2	NR_033675	94.86549455	12.26383712	8.35E-06	7.735384415
KANSL3	NM_001115016	123.2328415	7.887488137	1.87E-09	15.62383858
CEP78	NM_001098802	93.11689181	2.282765332	2.50E-09	40.79126773
SRM	NM_003132	140.9624333	27.59772363	1.19E-06	5.107755814
CAMK2D	NM_172128	66.49814761	3.028199076	1.03E-05	21.95963539
SSR1	NR_120448	43.91118534	6.197459456	0.004341672	7.085352579
EPS15L1	NR_047666	91.75672686	8.862247914	1.62E-06	10.35366284
NOD1	NM_006092	118.375471	7.511063736	6.77E-09	15.76014732
ZBED8	NM_022090	165.7838619	7.866069736	9.83E-14	21.07581899
RNF182	NM_001165032	55.42324183	1.78968746	6.41E-05	30.96811206
CDIPT	NM_001286586	69.60691528	16.7478264	0.003395894	4.15617607
ACTR10	NM_018477	65.18669554	2.737009745	4.32E-06	23.81675683
HAUS2	NM_001130447	126.3416091	4.144653673	1.39E-11	30.48303166
ANKFY1	NM_001257999	112.1579357	6.278130651	4.73E-09	17.86486168
GPATCH3	NM_022078	78.05891695	12.62220873	0.000142898	6.184251793
EI24	NM_004879	140.5252827	7.336069793	3.55E-11	19.15539065
CTBP2	NM_001329	112.1579357	13.08934214	6.60E-07	8.568645733
ITGA2	NR_073103	47.01995303	3.051418287	0.000624499	15.40921257
NFATC3	NM_173163	111.2836343	3.166829518	5.00E-10	35.14039315
LINC00339	NR_023919	112.6437993	11.12912096	1.10E-07	10.12153608
CPPED1	NM_001099455	84.66489013	0.477504948	1.64E-09	177.3068333
SNAPC2	NM_003083	97.97426223	23.51316027	0.000390438	4.166784095
PDE4DIP	NM_001198832	44.00861116	3.425526829	0.001218725	12.84725339
EIF1	NM_005801	282.4107303	41.40514485	4.91E-14	6.820667608
CTDSPL	NM_005808	44.78548671	4.770729876	0.002832922	9.3875545
USP21	NM_001014443	104.6289483	10.23433312	1.13E-07	10.22332838
GNA13	NM_006572	165.3467113	7.694164662	2.56E-13	21.48988468
FAM53B	NM_014661	63.82653061	11.73553807	0.001272022	5.438739175
SCARB1	NM_005505	94.86549455	10.30478767	3.76E-06	9.205963051
FGFR4	NM_001291980	69.60691528	12.26031069	0.000779376	5.677418547
SDCBP	NM_001007069	105.5032497	1.660180568	4.96E-11	63.54926186
CREBBP	NM_004380	63.38937993	6.34898058	0.000102308	9.984182364
FRMD5	NM_001286491	136.1050629	4.539213476	3.49E-11	29.98428331
SPRED2	NM_181784	111.2836343	5.558366561	4.88E-09	20.02092397
CEBPA-AS1	NR_026887	109.049168	18.71903274	3.52E-05	5.825577075
MINOS1-NBL1	NM_001204089	83.35343807	8.656465021	7.66E-06	9.629038859
HJURP	NM_001282962	90.00812411	13.16821078	1.37E-05	6.835258458
LOC100129361	NM_001271592	175.1101649	3.367285778	3.64E-19	52.00335714
TMEM217	NR_104442	93.55404248	6.031567477	1.10E-07	15.51073462
ZNF226	NM_001146220	36.8193486	0.393553934	0.000176913	93.55604247
LRCH4	NM_002319	168.8926296	18.01881174	1.22E-10	9.37312804
USP38	NM_032557	81.11897176	3.938373312	1.55E-06	20.59707532
PHYKPL	NR_103509	129.4503768	20.70553534	6.58E-07	6.251969566
STEAP2	NM_152999	47.45710371	2.921554406	0.000206467	16.24378571
CYFIP2	NM_001291721	98.8485636	3.720743235	5.99E-09	26.5668866
POGK	NM_017542	63.38937993	9.427308354	0.000819873	6.724016819
EEF1E1	NM_004280	66.06099693	3.67865428	2.30E-05	17.9579248
NUDT2	NM_001244390	86.46220574	4.347211797	1.23E-07	19.88911739
VPS29	NM_001282151	99.7715779	5.451188342	1.76E-08	18.30272074
VCL	NM_014000	92.67974111	5.667105695	2.97E-07	16.3539814
PPP1R15B	NM_032833	132.1219938	7.448563478	4.54E-11	17.73791607
ZNF707	NM_001288808	109.9721823	12.14525649	2.40E-07	9.054743503
SMC6	NM_001142286	127.2159105	1.513362248	2.25E-12	84.06177085
EML3	NM_001300794	98.8485636	17.83235332	2.08E-05	5.543214729
KANTR	NR_110456	63.38937993	1.929394761	8.52E-06	32.85454133

SYF2	NM_207170	65.62384623	5.234032535	6.16E-05	12.53791332
CACTIN	NM_021231	147.1799686	18.01877213	2.94E-09	8.168146395
PI4K2A	NM_018425	97.53711154	5.584725918	4.49E-08	17.46497733
COPS8	NM_006710	34.14773161	2.851505668	0.004025039	11.97533359
PPAP2A	NM_176895	59.84346156	1.946264001	2.57E-05	30.74786439
N6AMT2	NM_174928	97.97426223	4.908899041	4.94E-08	19.95850015
SVIL-AS1	NR_110925	70.52992954	4.527847977	1.36E-05	15.57692085
SF3A1	NM_001005409	178.2189327	11.65288701	5.08E-13	15.29397243
CYCS	NM_018947	118.8126218	15.05695137	1.65E-07	7.890881685
GGA1	NM_013365	70.04406598	17.46535258	0.00176285	4.010458172
CKLF-CMTM1	NM_001204099	69.1697646	6.529443318	8.79E-05	10.59351636
TPM3	NM_001278189	122.3585401	7.753677593	1.09E-09	15.78071033
ELMO2	NM_182764	62.51507855	5.564084102	7.71E-05	11.23546615
RDX	NM_001260494	126.3416091	1.900426749	3.82E-12	66.48065187
EIF1AX	NM_001412	62.07792787	2.370985793	3.13E-06	26.18232807
RASSF8	NM_007211	56.29754319	2.1429289	5.12E-05	26.27130708
TMEM177	NM_001105199	66.06099693	14.35886632	0.003135226	4.600711189
FAM222B	NM_001288637	98.8485636	6.785458113	2.62E-07	14.5677067
ECHDC1	NM_001105545	73.15283366	3.373341677	9.79E-07	21.68556899
GARS	NM_002047	57.65770813	4.236526284	0.000227819	13.6096661
PCLO	NM_033026	46.58280234	0.813397193	8.22E-05	57.26944071
CRLF3	NR_073118	93.55404248	7.599966127	6.30E-07	12.3097973
SLC44A2	NM_020428	129.0132262	14.32007128	3.84E-08	9.009258657
METTL4	NM_022840	69.1697646	1.940787117	1.43E-06	35.64005757
DKC1	NM_001363	45.65978809	4.133340367	0.001641954	11.04670413
QDPR	NM_000320	87.77365781	3.391484849	1.16E-07	25.88059854
COMMD3-BMI1	NM_001204062	108.6120173	9.827124698	6.97E-08	11.05226815
HMGB1	NM_002128	155.5832575	14.89498988	3.95E-10	10.44534161
TMEM63C	NM_020431	52.31447414	9.169308419	0.00319277	5.705389299
GMEB2	NM_012384	105.9404003	12.89746112	1.34E-06	8.214050759
SRP19	NM_001204194	66.1097098	7.663312004	0.00022669	8.6267804
LAMTOR2	NM_001145264	58.09485881	4.801760297	0.000101124	12.09865866
SERTAD2	NM_014755	98.41141291	8.878988918	1.06E-06	11.08362831
TMEM51	NM_001136216	51.87732345	8.90318809	0.003155107	5.826825507
PICK1	NM_001039584	75.38729997	15.40739031	0.000982623	4.892931149
CBX3	NM_016587	166.2210125	8.460263049	3.13E-13	19.64726292
DIS3L2	NM_001257281	81.60483533	4.612490088	1.96E-06	17.69214324
ARHGAP33	NM_052948	66.06099693	14.48234308	0.003694898	4.561485429
AARSD1	NM_001261434	98.8485636	10.24765973	4.18E-07	9.645964658
NEK7	NM_133494	86.89935644	2.56254564	1.22E-07	33.91133999
SLC35B3	NR_109914	119.2497724	2.184140491	9.35E-13	54.59803201
PBLD	NM_001033083	86.89935644	4.147160587	5.46E-07	20.95394056
NPEPL1	NM_024663	52.75162482	7.176404696	0.002572788	7.350703738
CLDND1	NM_019895	93.55404248	13.60694521	1.14E-05	6.875462568
SETD4	NM_017438	101.5201806	4.206305797	5.69E-09	24.13523541
SPECC1	NM_001033555	72.71568297	2.573738771	2.62E-06	28.2529384
FAM3A	NM_001171134	72.71568297	8.425753415	0.000102981	8.630169837
ZNF2	NM_001017396	90.8824255	2.91186499	2.36E-08	31.21107119
MICAL2	NM_001282668	105.9404003	6.967144348	8.88E-08	15.20571342
EEFSEC	NM_021937	101.0830299	8.434394797	3.41E-07	11.98462158
CARHSP1	NM_001278260	157.8177238	21.84584837	8.05E-09	7.224151751
HM13	NM_178580	103.754647	10.37880687	6.47E-07	9.996779811
CDK16	NM_006201	62.51507855	11.50169557	0.002168368	5.435292402
BRPF3	NM_015695	148.05427	11.53143654	2.85E-10	12.83918699
SLC33A1	NM_004733	116.6268684	3.30408181	1.29E-10	35.29781497
BCL7B	NM_001707	165.7838619	8.632829558	4.01E-13	19.20388452
CNOT1	NR_049763	168.8926296	3.180540863	1.51E-15	53.10185809
C14orf2	NM_004894	111.7207851	7.852941277	9.62E-09	14.22661664
BAMBI	NM_012342	112.1579357	13.74229505	5.55E-07	8.161514162
TSPAN13	NM_014399	119.2497724	1.860635921	1.72E-12	64.09086866
ACADSB	NM_001609	152.086052	6.295822183	3.94E-12	24.15666255
DCPIA	NM_001290206	72.27853228	3.145204138	1.96E-06	22.9805536

TYSND1	NM_001040273	82.4791367	18.42199194	0.000426135	4.477210552
CHN1	NR_038133	39.05381491	1.451992223	0.002066095	26.8967108
DNM3	NM_001278252	91.75672686	1.739193188	3.86E-08	52.75821427
PLK4	NM_001190801	47.01995303	3.994968509	0.001776749	11.76979316
STK16	NR_026909	150.7258871	24.2259107	8.02E-08	6.22168095
PPWD1	NM_001278929	73.15283366	5.311974286	4.78E-06	13.77130794
CAGE1	NM_205864	57.65770813	4.335168275	0.000265447	13.2999931
MED15	NM_001293234	57.65770813	9.52927719	0.001133507	6.050585682
SUPT5H	NM_003169	90.4452748	10.03685495	4.57E-06	9.011316319
METTL22	NM_024109	89.57097344	6.539131117	1.25E-06	13.69768733
SPC25	NM_020675	61.64077717	3.124074726	5.38E-06	19.73089077
ZNF627	NM_001290084	125.0301571	8.205180242	2.30E-09	15.23795376
DCLK2	NR_036614	66.49814761	2.239399084	8.92E-06	29.69463911
PRKAG2	NM_024429	70.04406598	4.724023925	1.51E-05	14.8272039
USB1	NM_024598	60.76647581	6.871202551	0.00044866	8.84364496
SPPL3	NM_139015	120.1240738	3.692209151	8.71E-11	32.53447161
SGOL1	NM_001012409	65.18669554	1.440005109	6.25E-07	45.26837796
CABLES1	NM_001100619	63.82653061	3.97130763	1.72E-05	16.07191801
MAEA	NM_001297431	98.41141291	12.02865016	1.97E-06	8.181417832
CDK5R1	NM_003885	56.73469387	11.78554881	0.003415275	4.813920402
SUMF1	NM_001164675	95.30264523	0.008575543	3.86E-16	11113.30716
TWF1	NR_073473	143.6340504	1.786578861	2.81E-16	80.39614344
PPIL6	NM_001111298	64.31239418	1.668088622	3.82E-06	38.5545428
TMPO	NM_001032283	112.1579357	4.519570653	1.40E-09	24.81605982
FAM136A	NM_032822	132.1219938	20.60190321	2.30E-07	6.413096523
RABL2A	NM_007082	93.99119317	9.605880894	1.52E-06	9.784755215
FOXN2	NM_002158	77.13590271	2.31004004	4.41E-07	33.39158689
IL6ST	NM_001190981	91.36828904	1.692849181	9.81E-09	53.97308281
OSCAR	NM_130771	54.54894044	6.262901664	0.000770447	8.70985102
TEAD2	NM_001256660	113.0322371	14.75301784	7.04E-07	7.66163495
KIAA1191	NR_109798	89.57097344	9.466953019	4.84E-06	9.461436353
UXS1	NM_025076	129.8875276	4.033105926	1.01E-10	32.20533503
SLC2A8	NM_014580	80.2446704	14.72244742	0.000275251	5.450498013
CHD8	NM_020920	43.47403467	3.226398068	0.00102128	13.47447951
IFNLR1	NM_170743	73.15283366	6.758403585	3.11E-05	10.82398125
AP3M2	NM_001134296	47.8942544	6.120113544	0.001172783	7.825713371
MKNK1	NM_001135553	78.93321834	6.823165924	1.14E-05	11.56841549
PSTPIP2	NM_024430	52.31447414	2.360268818	0.000167736	22.16462538
RFC2	NM_181471	118.8126218	12.06344422	5.61E-08	9.848980075
ACSF2	NM_001288971	95.30264523	13.32346891	1.22E-05	7.152990399
UQCR11	NM_006830	86.46220574	19.05709086	0.000613369	4.537009682
TK2	NM_001272050	99.7715779	8.602520676	2.08E-07	11.59794689
NEK4	NM_001193533	125.9044585	5.374761407	1.50E-10	23.42512513
TOR1B	NM_014506	137.4165149	11.2044781	8.01E-10	12.264428
GNG5	NM_005274	64.74954487	10.39596152	0.000342369	6.228336334
PYGB	NM_002862	150.7258871	7.603637075	5.14E-12	19.82286708
LOC100289495	NR_040022	46.14565165	2.224258338	0.000115479	20.74653419
CCNJ	NM_019084	64.74954487	4.559806189	2.14E-05	14.20006513
UBE3C	NM_014671	87.33650713	6.02020567	5.52E-07	14.5072298
MEPCE	NM_001194991	179.0932339	33.98180038	1.72E-08	5.270269142
ITPA	NM_033453	54.54894044	10.36456904	0.004134611	5.26302061
STX6	NM_001286210	41.23956835	3.696332681	0.001930846	11.15688763
RSRC1	NM_016625	123.2328415	1.673325766	5.73E-11	73.64545742
CCDC7	NM_145023	78.93321834	1.619213969	2.95E-07	48.74786154
P4HA3	NM_001288748	48.33140508	3.070172973	0.000275251	15.74224173
SENP8	NM_145204	36.8193486	2.642126816	0.00259253	13.93549635
C15orf40	NM_001160113	90.00812411	10.36812225	3.40E-06	8.681236768
PQLC2	NM_017765	69.60691528	6.558360616	6.67E-05	10.61346263
SEC13	NM_001278946	93.99119317	20.58346569	0.000160512	4.566344393
SUCO	NM_014283	119.6869232	2.594519707	3.47E-11	46.13066644
ADAM15	NR_048577	97.97426223	17.10120879	3.70E-05	5.729084034
C2CD3	NM_001286577	41.23956835	4.156991773	0.002203096	9.920531625

ZNF629	NM_001080417	107.3005653	15.32169324	2.78E-06	7.003179319
RAB5B	NM_001252036	58.96916018	10.95499881	0.001701204	5.382854093
RASIP1	NM_017805	59.40631088	11.65930597	0.001675092	5.095184142
TANGO2	NM_001283148	109.049168	9.617958769	1.85E-07	11.33807814
CTNNBIP1	NM_001012329	63.38937993	10.98806498	0.001202055	5.768930201
RPL17	NM_001199345	140.0881319	27.73898203	1.69E-06	5.050226132
LOC654342	NR_027238	68.73261391	3.641530349	1.19E-05	18.87465085
PEX1	NM_001282677	58.96916018	3.117809196	2.01E-05	18.91365266
MAP3K11	NM_002419	113.9552513	18.25875842	2.11E-06	6.241128159
PXMP4	NM_183397	53.67463907	4.426868432	0.000284598	12.12474233
SNX14	NR_123729	55.42324183	3.167183435	9.70E-05	17.49922067
UXT	NM_004182	51.87732345	4.741990074	0.000273587	10.93998989
PPP1R8	NM_014110	82.4791367	4.955903416	5.48E-07	16.64260373
NTMT1	NM_001286798	122.8444037	16.94486118	2.21E-07	7.249655362
PDCD10	NM_145859	100.2087285	1.516031327	7.20E-10	66.09937851
PTEN	NM_000314	138.7766799	5.587351636	1.23E-11	24.8376492
GNG10	NM_001017998	93.11689181	10.78121214	3.01E-06	8.636959426
LOC102724691	NR_110603	102.8316327	0.325221661	1.92E-12	316.1893713
DHX33	NM_020162	73.15283366	6.791788852	2.86E-05	10.7707756
NEDD1	NM_152905	82.04198601	1.494000344	4.37E-08	54.91430195
FAM72C	NM_001287385	95.40007096	9.952233249	1.63E-06	9.585795325
FAM134A	NM_024293	105.066099	15.36889006	3.78E-06	6.836284115
HIP1	NM_001243198	58.5320095	6.203658746	0.000322817	9.435078861
MAFB	NM_005461	29.72751187	0.379468378	0.000894647	78.33989238
TRMT10C	NM_017819	79.37036901	6.863574451	3.04E-06	11.56399913
MED25	NM_030973	97.97426223	9.546905543	9.68E-07	10.26241035
LIMCH1	NM_001289122	59.40631088	0.978012766	3.10E-06	60.74185628
STARD3NL	NM_032016	54.11178977	0.46676771	1.42E-06	115.9287341
METTL13	NM_014955	46.58280234	3.693047526	0.001596596	12.61364822
SF3B6	NM_016047	54.54894044	7.489631773	0.000945404	7.283260659
OTUD5	NM_001136157	38.56795136	3.839112081	0.003328941	10.04606027
STX1A	NM_004603	116.5781554	23.29787883	1.28E-05	5.003809844
ANAPC10	NM_001256710	36.38219793	1.759306329	0.003516326	20.67985394
MRVII	NM_001206880	52.31447414	7.460536573	0.003239112	7.012159732
POFUT2	NR_004858	45.22263741	4.937748721	0.002167691	9.158553819
STAT6	NM_001178078	68.29546324	15.39283887	0.002481903	4.436833506
PRKAR1A	NM_212472	155.1948196	5.813202418	2.75E-13	26.6969578
APIP	NM_015957	79.8075197	3.527963162	1.24E-06	22.62141526
CBX5	NM_012117	90.4452748	8.790611694	1.29E-06	10.28884883
PTER	NM_030664	88.2108085	0.41007187	1.06E-10	215.1106061
NDUFB8	NM_001284368	128.1389248	22.53633945	1.35E-06	5.685880134
LOC100289561	NM_001242713	60.76647581	4.999608948	8.27E-05	12.15424575
ZNF771	NM_016643	84.22773945	17.10573485	0.000470179	4.923947447
KHNYN	NM_001290257	146.3056673	16.02288471	2.47E-09	9.131044124
LOC101928103	NR_110292	40.80241766	0.343790518	0.000171932	118.6839529
GPR98	NR_003149	53.23748838	0.976452664	1.27E-05	54.52132023
LRSAM1	NM_001005373	78.93321834	10.37325434	5.04E-05	7.60930136
UBE2I	NM_194259	127.6530613	24.39688897	1.67E-06	5.23234997
CCT3	NM_001008800	56.78340675	9.178760543	0.000977448	6.18639156
HMGA2	NM_001300918	97.97426223	5.408501204	9.30E-08	18.11486372
DUT	NM_001025248	105.5032497	5.880128904	6.74E-09	17.94233619
C11orf80	NM_024650	93.55404248	5.363799886	1.52E-07	17.44174736
TOR2A	NM_001252018	105.9404003	20.93661534	4.35E-05	5.060053815
BRE	NM_199194	74.46428571	3.790421252	1.80E-06	19.64538524
USP43	NM_153210	48.38011797	1.409640443	0.000259422	34.32089239
GEMIN7	NM_001007269	99.33442714	14.39514776	6.66E-06	6.900549325
MPP2	NM_001278376	54.98609113	7.655078063	0.00156084	7.18295629
MORF4L1	NM_001265603	59.40631088	4.792581051	0.000105154	12.39547339
UST	NM_005715	81.11897176	2.786315053	5.08E-07	29.1133523
ANKRD49	NM_017704	62.07792787	5.761287624	5.78E-05	10.77500932
ACACA	NM_198834	107.3005653	3.052674735	1.28E-09	35.14968825
ZBTB48	NM_005341	136.1050629	24.67220691	5.61E-07	5.516533781

SEC11C	NM_033280	70.04406598	3.121508903	3.91E-06	22.43916905
CES3	NM_001185177	55.42324183	10.1245382	0.004054886	5.474150103
ZKSCAN8	NM_001278122	54.98609113	5.065298979	0.000306977	10.85544829
THEMIS2	NM_001105556	79.37036901	17.0968587	0.000855323	4.642394863
VDAC3	NM_005662	64.31239418	4.225803429	1.59E-05	15.21897439
TSFM	NM_001172695	104.6289483	6.893048783	1.52E-08	15.17890727
AMBRA1	NM_001300731	61.64077717	4.627516071	0.000101733	13.32048905
NUMB	NM_001005744	70.96708023	1.973952037	2.52E-06	35.95177538
LOC100128164	NR_024409	66.06099693	1.153238363	1.65E-07	57.28303795
KCTD14	NM_023930	55.4719547	10.30746419	0.003135226	5.381726646
CSDE1	NM_001242893	126.7787599	5.773910399	1.04E-10	21.95717479
PQLC3	NM_152391	83.79058876	9.920726217	2.13E-05	8.446013621
CTSC	NM_001114173	29.72751187	0.663362828	0.001209537	44.81335191
PPCS	NM_001287509	183.5134537	11.84249382	1.17E-13	15.4961832
SKP2	NM_001243120	47.8942544	1.617722596	0.000158068	29.60597479
SACM1L	NM_014016	74.02713503	4.135689795	7.02E-06	17.89958597
SPRYD4	NM_207344	68.73261391	12.35445915	0.001167136	5.563385097
SLC22A15	NM_018420	88.64795919	1.710981302	3.42E-08	51.8111794
ASXL1	NM_001164603	83.35343807	10.28623556	1.55E-05	8.103395807
ARFIP2	NM_001242856	70.04406598	17.43812306	0.002600032	4.016720478
LRRC20	NM_018239	98.41141291	7.551020152	4.76E-07	13.03286323
R3HCC1L	NM_001256619	58.5320095	1.747411813	4.67E-05	33.49640254
ZNF3	NM_001278290	93.55404248	11.62696774	4.95E-06	8.046297588
SH2B1	NM_001145795	119.6869232	19.3396245	1.48E-06	6.188689092
GABARAPL1	NM_031412	48.76855577	4.909555319	0.000747829	9.933395715
PPP1R12C	NM_017607	102.394482	17.18789928	7.22E-06	5.957358739
KIAA1958	NM_133465	90.4452748	2.04235779	3.33E-08	44.28473564
ZNF547	NM_173631	40.80241766	3.357260971	0.001269639	12.15348405
ACCS	NM_032592	108.6120173	7.858300112	1.34E-08	13.82131196
UCHL3	NM_006002	128.5760755	1.494202264	6.53E-13	86.04998042
CYP2S1	NM_030622	94.91420746	13.55819154	6.85E-06	7.000506458
MIR137HG	NR_046105	27.05589488	0.405450796	0.004743706	66.73040267
CDKN2B-AS1	NR_047532	55.86039251	4.036750415	5.89E-05	13.83796043
ELP6	NM_001031703	80.2446704	10.38780273	3.33E-05	7.724893558
PSIP1	NM_021144	41.23956835	3.161731177	0.001768388	13.04335063
SH3BP2	NM_001145856	101.0830299	9.43780911	6.44E-07	10.71043382
RPL21	NM_000982	119.6869232	11.71304631	4.24E-08	10.21825749
BAG1	NM_001172415	71.40423091	7.571036142	3.09E-05	9.431236302
NDUFA8	NM_014222	65.62384623	0.799540387	1.12E-07	82.07696233
ORAI2	NM_001126340	67.37244898	12.44966566	0.001039591	5.41158701
LETM2	NM_001286821	45.65978809	5.125555458	0.001215779	8.908261449
COPS7B	NM_022730	106.8634146	5.719296851	2.31E-08	18.68471202
POC1B-GALNT4	NM_001199781	61.64077717	14.26230797	0.004507088	4.321935643
ME2	NM_001168335	74.07584791	4.781716611	8.19E-06	15.49147596
ACOT9	NM_001037171	56.29754319	2.258191163	3.10E-05	24.93037087
BAZ2B	NR_110586	81.11897176	2.624845069	5.08E-08	30.90428945
FBXW8	NM_153348	79.8075197	3.773579691	4.29E-07	21.14902195
MSANTD2	NM_001301087	43.91118534	4.050850117	0.00402291	10.83999261
RUSC2	NM_014806	71.8413816	5.949917297	1.58E-05	12.07434961
QSOX2	NM_181701	116.1410048	9.721934046	3.15E-08	11.94628602
LDLRAD3	NM_174902	76.26160134	1.444622625	7.71E-07	52.78998129
INPP5J	NM_001284285	80.2446704	12.35741973	9.11E-05	6.493642862
CENPA	NM_001042426	76.26160134	12.682979	0.000126735	6.012909217
ENOPH1	NM_021204	82.04198601	4.280095844	7.13E-07	19.16825908
SIGMAR1	NM_001282207	163.5981085	23.20968974	1.18E-08	7.048698638
SLC39A1	NM_001271957	111.2836343	19.69106672	5.88E-06	5.651478201
FAM21C	NM_001169106	61.2036265	0.685396141	7.51E-07	89.2967188
P4HA1	NM_001142595	97.09996085	3.865437724	9.30E-09	25.12004274
ZNF621	NM_001287245	90.8824255	11.13397958	1.06E-05	8.162618302
RPL6	NM_001024662	181.764851	18.24264895	9.00E-12	9.963731226
CD47	NM_198793	111.7207851	3.326532659	1.73E-10	33.58475522
MRPL18	NM_014161	58.5320095	7.86985717	0.000487095	7.43749324

ZSWIM3	NR_037628	44.34833603	3.902080415	0.001910541	11.36530551
SEC11A	NM_001271918	105.066099	4.592443546	7.44E-09	22.87803822
CRYBB2P1	NR_033733	111.7207851	6.796117181	3.19E-09	16.43891388
ADD1	NM_0011119	99.28571429	4.758360951	4.14E-08	20.86552813
POLR3B	NM_018082	90.4452748	2.455393878	3.37E-08	36.83534263
YWHAG	NM_012479	199.0572922	10.26592889	8.90E-16	19.3900907
ZFAND4	NR_104256	56.29754319	1.346884365	1.58E-05	41.79834933
SMIM19	NM_001135675	144.5083517	7.963277461	4.42E-12	18.14684374
LCORL	NM_001166139	80.68182108	1.518090956	3.00E-07	53.1468953
ZSCAN26	NM_152736	111.2836343	6.375425297	1.78E-09	17.45509187
SLC39A9	NM_018375	101.5201806	3.859607288	1.59E-08	26.30324098
PTBP2	NM_021190	66.06099693	2.672551495	7.72E-06	24.71832519
RPP14	NR_049758	122.7956908	8.175440395	1.88E-09	15.02007047
ATXN3	NM_001164780	93.55404248	2.94513451	7.87E-09	31.76562638
ARHGEF2	NM_001162383	71.8413816	10.89595194	0.000224575	6.593401106
EMC3-AS1	NR_103821	71.8413816	6.488944661	4.11E-05	11.07135064
ACSL1	NM_001995	62.51507855	3.618462987	1.45E-05	17.27669422
DENND5B	NM_144973	109.4863187	3.451221202	1.15E-09	31.72393547
COG5	NM_006348	47.8942544	2.014211418	0.000373377	23.77816646
SEPT7P9	NR_027269	36.38219793	1.153686716	0.001395184	31.53559578
DUS4L	NM_001270419	83.79058876	4.204414271	2.50E-07	19.92919426
KRAS	NM_004985	52.31447414	0.218118398	6.58E-07	239.8443896
MYD88	NM_001172568	74.02713503	11.88838385	0.000303072	6.226845968
CXCL3	NM_002090	48.33140508	3.829377859	0.000916846	12.621216
ZCCHC10	NM_001300818	82.91628738	2.402421046	4.47E-08	34.51363678
GBX1	NM_001098834	40.80241766	3.262877242	0.001365613	12.50504222
FAM107B	NM_001282697	45.65978809	4.359748532	0.002728388	10.47303251
MRPL40	NM_003776	114.8295527	6.50322433	1.75E-09	17.6573261
BSCL2	NM_001130702	130.3246782	13.20327378	1.59E-08	9.870633632
GCH1	NM_000161	123.7187051	4.594578318	2.38E-10	26.92710768
MFS1	NM_022736	51.00302207	1.835388923	7.68E-05	27.7886727
IMPA1	NM_005536	113.08095	2.10697607	9.62E-12	53.66978372
EIF6	NM_001267810	129.8875276	15.11307962	6.12E-08	8.594378564
SLC23A2	NM_005116	49.20570646	4.010368515	0.000367392	12.26962217
ORC5	NM_181747	104.6289483	1.538993683	9.40E-11	67.98530067
CDK5RAP1	NM_001278169	105.9404003	4.982964921	7.32E-09	21.26051498
CRYBG3	NM_153605	111.7207851	1.595687382	2.33E-10	70.014206
CYB5R4	NM_016230	84.71360301	0.708680614	1.73E-09	119.5370684
COL13A1	NM_080802	55.42324183	7.754071133	0.001970662	7.147631338
KIF27	NM_017576	91.75672686	0.761491565	3.17E-10	120.4960515
OIP5	NM_007280	111.2836343	5.207374119	9.07E-10	21.37039355
RLIM	NM_183353	54.98609113	1.835699508	4.36E-05	29.95375381
ASH2L	NM_001105214	50.12872071	7.052668731	0.002805055	7.107766241
SCFD1	NM_182835	86.89935644	2.376846786	9.85E-08	36.56077326
ZNF774	NM_001004309	57.65770813	6.676456536	0.000487095	8.63597446
RTCA	NM_001130841	82.4791367	2.238341031	3.33E-08	36.84833346
SNX21	NM_152897	89.13382275	11.22809599	1.21E-05	7.938462841
ST7L	NM_138728	86.89935644	1.945411247	7.56E-08	44.66888766
CCDC63	NM_001286243	43.91118534	5.200918174	0.004633868	8.442967928
HIPK1-AS1	NR_110726	65.18669554	2.99738011	1.61E-06	21.74789087
ZNF341	NM_001282933	69.1697646	7.39580817	0.000120511	9.352563372
GK5	NR_033289	101.0830299	3.13789035	3.36E-09	32.21369093
PANK2	NM_153640	75.82445064	6.220192514	3.60E-06	12.19004886
DDX52	NM_001291476	73.15283366	5.291263387	6.04E-06	13.82521117
CHCHD4	NM_001098502	70.48121666	7.813399983	3.31E-05	9.020556585
PTPRG	NM_002841	69.1697646	1.270954007	5.59E-07	54.42349937
FGF18	NM_003862	59.40631088	13.78259862	0.004927957	4.310240217
MFF	NM_001277064	79.8075197	2.831715418	1.36E-07	28.18345346
VAV2	NM_001134398	122.7956908	9.389950408	3.98E-09	13.07735244
ZMAT1	NM_001011657	56.73469387	1.92349432	3.25E-05	29.49563889
ZFAT	NM_020863	65.62384623	0.800289518	6.72E-07	82.00013212
ESR2	NM_001291712	119.6869232	3.839606022	7.63E-11	31.17166774

ASNSD1	NM_019048	98.41141291	0.871334663	7.76E-12	112.9433008
C14orf166	NM_016039	76.69875203	4.702366979	1.28E-06	16.31066915
TM9SF2	NM_004800	39.49096561	2.859276474	0.001916982	13.81152399
GCDH	NM_013976	92.67974111	13.49771126	2.44E-05	6.866330102
DEK	NM_003472	101.0830299	5.532506908	2.70E-08	18.27074626
TRPM7	NM_001301212	130.7618289	2.757546493	5.33E-12	47.41962802
PMS2P4	NR_046299	90.4452748	2.658905123	5.02E-09	34.01598425
ANAPC1	NM_022662	115.7038541	1.973143144	1.48E-10	58.63936152
PDIK1L	NM_001243533	88.69667206	7.196229706	7.25E-07	12.32543647
MTMR12	NM_001294344	82.4791367	3.188762849	1.84E-07	25.86555997
SLC1A4	NM_001193493	65.18669554	8.289263872	0.000190053	7.863990886
ARRB2	NM_001257331	77.13590271	17.96655218	0.001273924	4.293305803
CLK4	NM_020666	86.89935644	1.591539276	5.90E-09	54.60082434
ISCA1	NM_030940	71.8413816	5.701581049	7.41E-06	12.60025614
OASL	NM_003733	38.13080067	3.606296827	0.002726869	10.57339495
LOC642846	NR_024374	58.5320095	7.379713611	0.000933081	7.931474388
ICA1	NM_001276478	73.15283366	1.381669363	1.05E-06	52.94525274
TMEM263	NM_152261	55.4719547	4.353190756	0.000287103	12.74282654
MPP3	NM_001932	73.58998434	7.737435875	3.27E-05	9.510900707
HELLS	NM_001289074	115.7038541	5.031893774	1.52E-09	22.99409711
SLC26A4	NM_000441	28.8532105	0.927063355	0.003077731	31.12323481
TBC1D13	NM_018201	129.8875276	10.75833725	2.01E-09	12.07319724
DBR1	NM_016216	151.6001885	2.82629772	5.02E-16	53.63914333
QPRT	NM_014298	49.20570646	5.01166669	0.001093922	9.818232038
FAM160A1	NM_001109977	41.23956835	2.481632133	0.002198085	16.61792165
CETN3	NM_001297765	95.30264523	3.903178054	1.61E-08	24.4166789
NMNAT1	NM_022787	84.71360301	5.420682618	6.02E-07	15.62784782
STRADA	NM_001165969	113.9552513	11.27280611	6.08E-08	10.10886289
METTL2B	NM_018396	78.93321834	7.732752398	9.04E-06	10.20764849
KIF1B	NM_015074	80.68182108	3.232404323	4.56E-07	24.9603122
CEP112	NM_001199165	73.15283366	3.397197564	1.81E-06	21.53328803
ZNF207	NM_003457	82.91628738	5.862183438	3.20E-06	14.14426694
SNX5	NM_152227	56.34625608	10.12636763	0.002895318	5.56431073
MAP3K4	NM_001291958	73.15283366	1.76921385	1.10E-06	41.34764921
C2orf68	NM_001013649	93.99119317	15.69911656	3.51E-05	5.987037091
YIPF4	NM_032312	63.38937993	2.893216292	7.45E-06	21.90965815
ALKBH5	NM_017758	65.18669554	8.347506636	0.000173183	7.80912174
GEMIN2	NM_001009183	56.78340675	1.215018346	7.98E-06	46.73460854
IMMP2L	NM_001244606	48.33140508	0.621648894	4.61E-05	77.74711023
SNX13	NM_015132	90.4452748	1.864460375	2.85E-08	48.51016197
FHL2	NM_001450	48.76855577	3.403577343	0.000269925	14.32861688
AREG	NM_001657	239.3738462	22.44126142	2.77E-15	10.66668409
TECR	NM_138501	128.1389248	11.66203925	3.42E-09	10.98769452
DCLRE1C	NM_001033855	46.58280234	4.630273053	0.002551908	10.0604871
KIAA0141	NM_001142603	67.85831254	9.892262489	0.000306009	6.859736346
DCAF6	NM_001017977	91.31957618	3.331476421	3.72E-08	27.41114288
DYNC1LI2	NM_006141	109.4863187	8.602259004	2.86E-08	12.72762406
ARNT	NM_001286036	58.5320095	4.479555203	0.000271544	13.066478
GDA	NM_001242506	90.4452748	1.764918822	2.02E-08	51.24613874
ATXN7L3B	NM_001136262	131.1989796	16.17639468	3.36E-08	8.11052043
PAK2	NM_002577	126.3416091	2.430827441	1.08E-11	51.97473378
RBM19	NM_016196	52.31447414	4.654370977	0.000947536	11.23985913
TMEM138	NM_016464	101.5201806	10.28045256	3.26E-07	9.87506922
NKIRAS2	NM_001144928	143.6340504	26.67442015	6.92E-07	5.384711254
NRF1	NM_005011	91.31957618	6.456214015	3.18E-07	14.14444688
ZNF160	NM_198893	48.33140508	2.033470667	0.000204791	23.76793817
DUOX1	NM_017434	92.67974111	11.13570295	5.12E-06	8.322756228
CEBPZ	NM_005760	81.60483533	5.060517976	8.15E-07	16.12578707
LINC00426	NR_024464	41.67671904	5.942358843	0.004341672	7.013497525
CAPRN2	NR_038177	54.98609113	1.567233091	5.10E-05	35.08482014
GTF2H3	NM_001271868	87.33650713	4.038286668	1.70E-07	21.6271192
U2AF1	NM_006758	147.1799686	7.115286891	3.77E-12	20.68503644

LEPRE1	NM_022356	93.55404248	10.22775874	2.02E-06	9.147071697
ISPD	NM_001101426	55.42324183	1.697621314	0.000109303	32.64758835
RBM6	NM_005777	79.37036901	5.451366093	3.10E-06	14.55972093
THAP5	NM_001130475	82.91628738	5.777686389	6.84E-07	14.35112289
TINCR	NR_027064	48.33140508	7.652046278	0.003321486	6.316141242
ZBTB6	NM_006626	86.46220574	6.448943821	8.14E-07	13.40718855
B4GALT5	NM_004776	141.399584	6.660250601	7.83E-11	21.23036991
PEX14	NM_004565	136.9793643	4.199921162	2.41E-11	32.61474656
HNRNPUL2	NM_001079559	85.58790438	10.90727898	9.32E-06	7.846861217
HTRA2	NM_013247	141.0111462	19.60572545	4.01E-08	7.192345244
TMTC4	NM_001079669	73.58998434	4.431427607	7.98E-06	16.60638306
RALGAPA1P	NR_104269	66.49814761	2.107856314	9.60E-06	31.54776119
NF2	NM_181831	89.13382275	5.440621038	4.63E-07	16.38302358
LYSMD3	NM_001286812	87.33650713	7.829502597	8.21E-07	11.15479637
DDIT3	NM_001195055	211.0064993	27.64482702	5.44E-12	7.632766129
LIFR	NM_001127671	74.46428571	1.204162612	5.79E-07	61.83906142
ACSBG2	NM_030924	44.78548671	4.462794069	0.002597545	10.03530211
FAM178A	NM_018121	125.4673077	7.039891437	1.08E-09	17.82233559
TIMELESS	NM_003920	105.1148118	8.700202518	5.53E-08	12.08188104
POMP	NM_015932	122.3585401	4.293564834	2.58E-11	28.49812331
RPL7A	NM_000972	189.2938384	47.24773983	7.42E-07	4.006410446
ABLIM2	NM_032432	69.60691528	8.048842834	0.000140594	8.64806491
AKAP17A	NM_005088	88.64795919	17.48849325	0.000171461	5.068930635
ZNF485	NM_145312	30.16466256	1.252695552	0.004314352	24.07980336
ZNF460	NM_006635	105.9404003	0.399403427	6.47E-15	265.2465982
ARF1	NM_001024226	121.0470881	18.68002528	7.46E-07	6.480028064
CARD8	NM_001184902	49.69157001	5.770604237	0.001500191	8.611155431
FBXL18	NM_024963	105.5519625	12.27321781	1.29E-06	8.600186532
PLGRKT	NM_018465	100.6458792	2.721239084	3.42E-09	36.98531297
TADA2A	NM_001291918	162.6750942	3.899128312	2.76E-14	41.72088765
ARL2	NM_001667	94.42834386	17.35104469	4.71E-05	5.442228152
MYLK	NM_053026	73.58998434	4.770314109	1.06E-05	15.42665381
KAT8	NM_032188	154.7089561	14.01711841	1.18E-10	11.03714413
PECR	NM_018441	79.37036901	3.187549371	2.11E-07	24.90012225
PPA2	NM_176867	104.1917976	3.045325615	2.53E-09	34.21368049
NT5C2	NM_012229	222.9557065	5.438540815	1.98E-19	40.9955012
ADARB1	NR_073200	85.10204081	5.551548016	9.94E-07	15.32942534
SARAF	NM_001284239	45.22263741	4.443423585	0.001956477	10.17743111
NEDD4	NM_006154	64.74954487	1.579103926	7.87E-06	41.00397941
TMEM106C	NM_001143843	82.4791367	7.153948366	2.19E-06	11.52917696
DNAJB14	NM_001278310	55.42324183	3.25617195	8.23E-05	17.02098129
NFS1	NR_037570	113.9552513	7.691565915	7.61E-09	14.81561136
CXorf38	NM_144970	41.67671904	2.407381467	0.000613192	17.31205445
AMMECR1L	NM_001199140	76.69875203	4.892806194	2.33E-06	15.67582058
RBL1	NM_002895	100.2087285	3.167426416	4.68E-09	31.6372712
CDPF1	NM_207327	153.3975041	18.82817765	1.78E-09	8.147230547
MTUS1	NM_001001925	62.95222924	3.279540024	1.73E-05	19.19544472
CLK2	NM_003993	162.6750942	17.24718867	2.69E-10	9.431977427
C1orf216	NM_152374	108.6120173	24.29252854	5.04E-05	4.471005031
SERGEF	NR_104040	58.96916018	2.302935461	3.22E-05	25.60608458
KDM2A	NM_012308	58.96916018	5.807230808	0.000177638	10.15443714
ZNF592	NM_014630	127.6530613	5.161086154	7.43E-11	24.73375903
ALDH3A2	NM_000382	61.64077717	2.064445516	5.28E-06	29.8582727
ITPR1	NM_001099952	70.04406598	2.107336796	2.98E-06	33.23819245
MED14OS	NM_001289773	48.33140508	7.654723861	0.004163894	6.313931888
PCDHA5	NM_018908	27.49304557	1.100255409	0.003978722	24.98787584
AARS	NM_001605	157.8177238	8.237104292	1.16E-12	19.15936938
NCSTN	NM_001290184	97.09996085	4.288196002	8.62E-09	22.6435454
BCAS3	NM_001099432	89.57097344	3.979999966	9.65E-08	22.5052699
SAMM50	NM_015380	61.64077717	4.540908546	7.16E-05	13.57454715
VDAC1	NM_003374	162.2379435	10.90797587	2.68E-12	14.87333171
GCAT	NM_014291	108.6120173	19.51385644	1.09E-05	5.565891994

FLYWCH2	NM_001142499	65.62384623	13.14647446	0.001577184	4.991744854
STX16	NR_037942	153.3975041	4.410000715	3.95E-14	34.7840089
CKLF	NM_001040138	69.1697646	7.800200681	6.44E-05	8.867690388
EAF1	NM_033083	60.76647581	2.550916976	6.21E-06	23.82142437
ZNF397	NM_032347	132.5591446	5.137233235	2.51E-11	25.80360644
ZSCAN32	NM_001284529	51.00302207	8.824487633	0.002581432	5.779714834
DDX21	NM_001256910	86.02505507	3.994509929	3.19E-07	21.53582206
RRBP1	NM_001042576	105.066099	9.589871483	3.90E-07	10.95594442
CDIP1	NM_001199056	56.73469387	10.48378718	0.002930135	5.411660207
YBX1	NM_004559	130.3246782	8.42183966	6.05E-10	15.47460928
TTC9	NM_015351	60.28061224	6.709918504	0.000537593	8.983806913
B9D2	NM_030578	67.85831254	10.91693869	0.000666507	6.215873742
NUP50-AS1	NR_038956	127.2159105	1.637651187	9.83E-14	77.68193343
SPIB	NM_001243999	66.93529829	9.297801908	0.0004161	7.199045425
CXADR	NM_001207065	71.8413816	2.272432625	1.46E-06	31.61430653
PEX5	NM_001131024	62.95222924	6.046926246	5.99E-05	10.41061635
PGAP1	NM_024989	80.2446704	1.456917592	2.10E-07	55.07838663
GPATCH4	NM_015590	76.26160134	17.67083698	0.001006558	4.315675677
EML4	NM_001145076	144.9455024	1.434777738	1.29E-13	101.0229658
NME1-NME2	NR_037149	138.3395291	23.71114239	3.72E-07	5.834367948
MCMBP	NM_024834	181.3277003	6.941233913	8.61E-15	26.12326607
LOC652276	NR_015441	121.9213894	13.34911577	4.04E-08	9.133293287
DBF4B	NR_036623	50.5658714	9.016011425	0.003010015	5.608452453
RBPMS	NM_001008711	39.9281163	3.578905896	0.002205485	11.15651472
ABCB10	NM_012089	119.2497724	3.861917076	2.11E-10	30.87838762
ATP1A1-AS1	NR_024125	62.51507855	10.60235221	0.000835257	5.896340484
INO80	NM_017553	133.8705966	3.919978226	4.16E-12	34.15085209
LEPR	NM_001003679	62.51507855	1.492973837	1.56E-05	41.87285606
ATP6V1E1	NM_001696	37.2564993	0.674788478	0.000208583	55.21211533
ZBTB21	NM_001098403	80.68182108	5.314704053	1.29E-06	15.18086807
DGCR5	NR_110533	77.57305339	4.799352912	4.23E-06	16.16323176
SUPT4H1	NR_073470	109.5350315	11.69189754	3.82E-07	9.368456334
NKX3-1	NM_006167	90.00812411	13.00512959	2.29E-05	6.920970952
FAM86C1	NM_018172	94.86549455	7.191577938	1.97E-07	13.19119328
MAPK14	NM_001315	58.5320095	5.154941461	0.000290877	11.35454397
TYW3	NM_138467	49.20570646	2.170977343	0.00020145	22.6652326
SUCLA2	NM_003850	66.49814761	1.464494789	3.86E-06	45.40688579
EFCAB11	NM_001284268	71.8413816	2.579840219	9.13E-07	27.84722134
EP400	NM_015409	101.0830299	7.276063433	3.00E-07	13.8925438
LRIF1	NM_018372	79.8075197	2.034503172	2.06E-08	39.22703134
WDR91	NM_014149	127.2159105	4.557473724	1.74E-11	27.9136904
SRSF3	NM_003017	180.4046861	13.88173831	8.50E-13	12.9958282
SNRPD3	NM_004175	138.3395291	11.2044128	1.26E-09	12.34687901
MTMR2	NM_201278	121.9213894	1.423042695	7.92E-12	85.67655058
CLINT1	NM_014666	76.69875203	1.462291191	3.20E-07	52.45107986
ARL5A	NM_001037174	142.759749	3.368530263	2.45E-13	42.38042642
POGZ	NM_145796	81.55612244	6.171697072	1.38E-06	13.21453751
HMMR	NM_012485	38.56795136	0.617060778	0.000159979	62.50267845
KLHL36	NM_024731	88.2108085	13.21512053	2.00E-05	6.674990841
SLC9A7	NM_001257291	70.48121666	1.866487836	2.36E-06	37.76141225
KIF3B	NM_004798	63.87524348	4.567571654	8.11E-05	13.98450825
RBM14	NM_001198836	174.6730143	22.01898129	2.43E-10	7.932838127
PIGP	NM_153681	87.33650713	7.106228974	1.10E-06	12.29013411
COA6	NM_001206641	67.85831254	6.766719267	4.50E-05	10.0282441
FAM91A1	NM_144963	88.69667206	3.069973946	3.04E-08	28.89166931
SMIM12	NM_138428	150.2887363	12.29485827	6.37E-11	12.22370629
EIF2AK2	NM_002759	127.6530613	3.667372215	3.98E-11	34.80777346
AFTPH	NM_017657	68.29546324	2.79755824	3.61E-06	24.41252599
RMND5A	NM_022780	62.51507855	3.481342809	1.32E-05	17.95717399
SNRPB2	NM_003092	76.26160134	1.786135228	1.45E-08	42.69643203
DCTPP1	NM_024096	61.64077717	10.70781518	0.001462456	5.756615715
LOC101929089	NR_120572	72.71568297	13.64960333	0.000486323	5.327311073

KIF14	NM_014875	36.8193486	2.203821705	0.003410315	16.70704509
RNF185	NR_024212	82.91628738	5.716588915	1.22E-06	14.50450411
CHPF2	NM_019015	130.3246782	20.01945655	2.33E-07	6.509900898
DHRS4-AS1	NR_023923	107.3005653	6.018680538	6.45E-09	17.82792168
PIK3R3	NM_003629	37.2564993	3.200600453	0.003731724	11.64047179
PTAR1	NM_001099666	105.066099	1.079014781	6.71E-11	97.37225177
RTN4	NM_020532	73.15283366	3.851162155	1.27E-06	18.99500221
ZNF251	NM_138367	85.1507537	8.982793834	3.54E-06	9.479317378
KIAA0556	NM_015202	47.01995303	4.100588435	0.000685479	11.46663553
MAP2	NM_001039538	41.23956835	0.677920929	0.000284245	60.83241658
ARHGEF1	NM_004706	82.4791367	16.12897261	0.000245749	5.113725386
SERINC2	NM_178865	108.6120173	13.48237732	5.64E-07	8.055850592
RPA3OS	NR_034084	87.33650713	0.847432163	3.38E-09	103.0601751
PIH1D2	NM_001082619	99.33442714	6.584262258	2.47E-08	15.08664498
MAPRE1	NM_012325	141.399584	8.44541148	3.50E-11	16.74277024
ECD	NM_001135753	107.737716	5.0588028	2.96E-09	21.29707764
REXO4	NM_001279350	168.4554789	9.259784298	2.42E-13	18.19216015
RAC1	NM_006908	98.8485636	8.716779922	1.67E-07	11.34003204
SIAE	NM_170601	44.34833603	5.770827802	0.002530466	7.68491758
HAUS6	NM_001270890	43.03688397	3.559259542	0.001033778	12.09152731
ARHGEF26	NM_001251963	80.2446704	1.581955568	3.00E-07	50.7249837
KIF24	NM_194313	72.27853228	4.84396653	1.52E-05	14.92135254
MPPE1	NR_040243	100.2087285	5.934520204	9.97E-08	16.88573382
PAFAH1B2	NR_110269	122.7956908	7.456125095	1.32E-09	16.46910282
ZNF789	NM_213603	86.02505507	7.782847329	1.63E-06	11.05315978
LRP5	NM_001291902	59.84346156	9.628845527	0.000689169	6.215019381
ETF1	NM_004730	80.29338327	7.922219564	1.10E-05	10.13521307
ORC4	NM_181742	48.33140508	3.38221088	0.00033791	14.28988517
FLVCR1	NM_014053	76.26160134	3.157122018	3.88E-07	24.15541778
PRKAR2B	NM_002736	73.58998434	2.122375143	1.16E-06	34.67341039
ODF2L	NM_020729	54.11178977	1.740174741	5.63E-05	31.09560696
HOMEZ	NM_020834	78.93321834	8.583718699	2.11E-05	9.195690249
LOC730183	NM_001256932	160.4893408	17.94752476	8.42E-07	8.942143443
PSMG3	NM_001134340	236.2650786	29.07472926	2.29E-13	8.12613168
GPATCH8	NM_001002909	86.02505507	5.035100064	8.96E-07	17.08507358
POPI	NM_001145860	112.5950864	5.209689932	2.18E-09	21.61262721
CCAR1	NR_104262	60.76647581	4.057314495	0.000150181	14.97701889
PAAF1	NM_001267806	80.68182108	2.15195477	1.67E-07	37.49234055
CHST15	NM_001270764	109.049168	9.513129288	5.32E-08	11.46301755
SLC25A3	NM_002635	101.5201806	16.42837554	8.83E-06	6.179562937
KCNC4	NM_004978	84.22773945	13.65739009	8.10E-05	6.167191452
KIF18B	NM_001264573	121.9213894	16.04615466	1.52E-07	7.598168658
KIAA0101	NM_014736	74.51299858	6.433956628	1.85E-05	11.58120934
LOC645166	NR_027355	61.64077717	1.844378888	3.37E-06	33.42088633
SDCBP2-AS1	NR_040049	77.62176628	7.982130157	2.22E-05	9.724442568
ST3GAL6	NM_001271145	121.0470881	5.069737167	5.00E-10	23.87640307
EIF4E	NM_001130678	123.2328415	4.056100486	1.60E-10	30.38209776
SLC25A17	NR_104237	50.5658714	4.675347944	0.000815692	10.81542422
FAM92A1	NM_001283034	118.375471	9.423759315	2.36E-08	12.56138522
ZNF124	NM_001297569	90.8824255	8.076734757	5.77E-07	11.25237218
GJC1	NM_005497	118.8126218	6.355937204	1.84E-09	18.69317112
ZSWIM7	NM_001042698	93.55404248	1.64051825	5.03E-10	57.02712693
DNMT3B	NM_006892	130.7618289	7.54781599	3.17E-10	17.32445904
MKL2	NM_014048	132.9962952	2.045315716	3.26E-12	65.02482437
DIP2C	NM_014974	56.29754319	3.53791212	6.49E-05	15.91264601
ERICH5	NM_001170806	93.99119317	8.941140393	5.53E-07	10.51221534
LOC441242	NR_103527	86.89935644	5.436699718	5.34E-07	15.98384332
PANX1	NM_015368	88.69667206	3.997996677	3.07E-07	22.18527909
EMC1	NM_001271428	58.96916018	8.344148932	0.000578753	7.067126997
FAM20C	NM_020223	54.98609113	6.07141975	0.000540029	9.056545815
P4HA2	NM_001017974	65.18669554	8.950013008	0.000193854	7.283419084
DNM1L	NM_012062	57.22055744	2.894719528	4.66E-05	19.76721989

CD164	NM_001142403	61.64077717	6.445207168	0.000210296	9.563816269
DPP3	NM_005700	107.3005653	9.62447135	1.41E-07	11.14872302
LINC00959	NR_034125	70.48121666	1.776744658	9.48E-07	39.66873707
SIRPA	NM_001040023	47.8942544	6.229888618	0.00150296	7.687818729
PRKRA	NM_001139517	65.18669554	4.092502688	2.14E-05	15.92832076
MESDC2	NM_015154	104.6289483	9.14563472	1.07E-07	11.44031568
HNRNPH1	NM_001257293	181.3277003	17.53324684	5.68E-12	10.34193507
C12orf45	NM_152318	83.79058876	8.442885553	6.82E-06	9.924401821
LOC146513	NR_038438	34.58488231	1.064908428	0.000937232	32.47686037
MIER1	NM_001146110	111.7207851	4.171220123	2.66E-09	26.78371838
UBR4	NM_020765	118.8126218	5.277125004	8.67E-10	22.51464987
G2E3	NM_017769	43.47403467	2.350812782	0.000980023	18.49319308
RAD51	NM_002875	62.51507855	3.796580782	6.21E-05	16.46615261
POLR3E	NM_001258035	90.8824255	8.843967548	1.15E-06	10.27620522
OSGEPL1-AS1	NR_102429	68.73261391	7.724647886	8.11E-05	8.897831322
EPAS1	NM_001430	58.96916018	7.162186289	0.000653116	8.233402177
TYW1	NM_018264	81.55612244	2.172322435	2.43E-07	37.54328599
ANAPC16	NM_001242547	167.1440268	5.319430615	5.23E-15	31.42141309
ZMYND19	NM_138462	85.10204081	14.58286169	7.66E-05	5.83575725
TECPR2	NM_014844	97.97426223	7.393320615	5.39E-07	13.25172643
TATDN3	NM_001146171	90.8824255	5.213862074	1.03E-07	17.43092245
FAM185A	NR_026879	40.80241766	2.313796079	0.001819855	17.63440522
MSH6	NM_000179	120.1240738	7.066318765	1.42E-09	16.9995266
S100PBP	NM_001256121	51.00302207	6.159134852	0.000831272	8.280874391
UNC119	NM_005148	140.5252827	23.23463776	3.97E-07	6.048094408
CCM2	NM_031443	92.19387756	3.672714193	2.85E-08	25.10238279
TMBIM4	NM_001282606	127.2646234	7.971428448	4.14E-10	15.96509637
KATNB1	NM_005886	62.51507855	11.85394115	0.001013019	5.273780065
CREM	NM_181571	75.38729997	2.063103115	9.50E-07	36.54073296
DERA	NM_001300779	37.2564993	0.681265114	0.000441987	54.68722608
BTBD8	NM_183242	72.27853228	3.127737162	2.01E-06	23.10888944
ZNF77	NM_021217	64.31239418	11.41520081	0.001308801	5.633925784
CSNK1G3	NM_001270574	37.2564993	2.487033945	0.003686222	14.98029384
KDM4E	NM_001161630	30.60181325	0.342128799	0.001592987	89.44530043
LIFR-AS1	NR_103553	47.01995303	1.093270772	4.17E-05	43.00851559
GRAMD2	NM_001012642	116.1410048	9.112014942	2.93E-08	12.74591904
RAD52	NM_001297422	88.69667206	7.008063281	1.68E-06	12.65637431
VPS11	NM_021729	81.11897176	11.95630584	0.000101121	6.78461833
CBLL1	NM_024814	51.44017277	8.452425931	0.002507629	6.08584721
TBCA	NM_001297738	113.0322371	3.959756439	1.77E-09	28.5452499
CTSS	NM_004079	38.13080067	3.806237678	0.003328941	10.01797678
GLMN	NM_053274	132.5591446	0.906150169	3.90E-14	146.2882744
TAB1	NM_153497	78.93321834	9.177670342	1.17E-05	8.600572411
POLD1	NR_046402	101.5201806	13.57132764	2.19E-06	7.480489995
UBAP1	NM_001171202	95.30264523	4.643306815	1.24E-07	20.52473572
NCOA4	NM_001145261	106.377551	5.878511974	2.84E-08	18.09599972
GUSBP4	NR_125727	42.16258261	1.370179999	0.000289277	30.77156478
TRIAP1	NM_016399	89.13382275	8.109343567	3.69E-06	10.99149666
BMS1P5	NR_003611	65.62384623	2.433293413	2.68E-06	26.96914638
AIG1	NM_001286589	56.73469387	2.717376829	5.52E-05	20.87847856
KIAA0895	NM_001199706	62.07792787	0.056096937	3.09E-10	1106.618848
FAN1	NM_001146095	87.77365781	0.454269276	6.85E-13	193.2194457
RNF207	NM_207396	76.69875203	15.53076452	0.000560534	4.938504601
TIGD6	NM_030953	58.5320095	10.64765147	0.001900453	5.497175568
GTF3C6	NM_138408	64.31239418	9.114461754	0.000339273	7.056082511
BTG2	NM_006763	234.9536265	27.47258449	1.42E-13	8.552294256
DES12	NR_123735	107.3005653	1.54335878	1.07E-10	69.52405796
PEMT	NM_001267551	76.26160134	9.38250517	2.55E-05	8.128063876
MBOAT1	NM_001080480	51.00302207	1.148336679	1.64E-05	44.41469387
MEF2A	NM_005587	94.86549455	3.691125284	2.17E-08	25.70096847
AGTPBP1	NM_001286717	41.67671904	1.724447751	0.001151422	24.16815413
PEA15	NM_001297577	76.26160134	18.5361494	0.001241271	4.114209466

RPL5	NM_000969	171.1270958	18.74778784	4.60E-11	9.127855364
PPP6R2	NM_014678	93.99119317	9.58976204	9.27E-07	9.801201821
ALDH5A1	NM_170740	36.8193486	2.583577539	0.003161081	14.25130388
CCDC66	NR_024460	62.95222924	1.527040521	8.65E-06	41.22498938
PPA1	NM_021129	75.38729997	5.621985933	5.89E-06	13.40937186
TTC4	NM_001291333	159.1291758	2.873831991	1.39E-15	55.3717741
ARAP3	NM_022481	65.18669554	11.79147714	0.000643209	5.528289183
YTHDC1	NM_133370	66.49814761	4.387021423	3.79E-05	15.15792635
EZH2	NM_152998	116.1410048	4.812098652	1.05E-09	24.1352086
ANXA7	NM_004034	136.1050629	4.075653393	3.84E-12	33.39466086
FAM49B	NM_001256763	106.8634146	4.785338598	1.37E-08	22.33142179
APLP1	NM_001024807	90.8824255	12.96026534	9.42E-06	7.012389264
GNAS	NM_001077489	84.66489013	9.924271367	1.08E-05	8.531093821
LBX2	NM_001009812	144.071201	31.00623501	2.33E-06	4.646523544
TCP1	NM_030752	83.79058876	11.71444248	4.82E-05	7.152759418
MAPKAP1	NM_001006620	150.2887363	3.967803017	1.85E-13	37.87706589
HBEGF	NM_001945	204.3518133	9.432717306	5.55E-17	21.66415113
WDR31	NM_001012361	82.4791367	5.941948111	7.92E-07	13.88082413
NMRK1	NM_017881	73.15283366	1.916072363	2.33E-07	38.1785339
PRKG2	NM_001282480	30.60181325	0.512987348	0.00122925	59.65412867
ODC1	NM_001287189	65.18669554	7.341413305	0.000221929	8.879311494
TMEM14B	NM_030969	80.68182108	7.035230015	2.81E-06	11.46825632
STAG3L4	NR_040586	94.42834386	5.698155217	2.25E-07	16.5717395
PIK3R1	NM_181523	132.5591446	2.727865218	3.17E-12	48.5944627
FOXJ3	NM_001198851	96.66281017	3.777505347	1.22E-08	25.58905979
CEP152	NM_001194998	32.83627956	0.494172874	0.001268755	66.44694863
AGPAT5	NM_018361	53.67463907	4.496823702	0.000459674	11.93612261
H3F3AP4	NR_002315	148.9285714	7.508914039	8.54E-13	19.8335699
ZNF616	NM_178523	30.60181325	0.576015304	0.000676243	53.12673643
WDR48	NM_020839	66.06099693	3.665337712	6.30E-06	18.02316788
ADIPOR2	NM_024551	176.8587677	2.950569495	1.43E-16	59.94055317
MON1A	NM_001142501	70.48121666	15.1560059	0.001651265	4.650381976
SPECC1L	NM_001254732	141.399584	5.273834537	1.48E-11	26.8115321
FNTA	NR_033698	104.6289483	2.48818172	1.50E-10	42.05036451
CSNK1A1	NM_001892	62.95222924	6.443842782	8.82E-05	9.769361446
SUPT3H	NM_003599	57.22055744	1.505455248	6.23E-05	38.00880665
TEX2	NM_018469	143.6340504	10.54456994	3.71E-10	13.62161294
AFG3L1P	NR_003227	217.6611853	16.50839603	6.25E-15	13.18487786
ATG4D	NM_032885	154.7089561	17.99764935	1.32E-09	8.596064582
EHHADH	NM_001166415	86.02505507	3.474850135	8.61E-08	24.75647919
TMEM184B	NM_012264	97.53711154	12.95679499	7.39E-06	7.527873336
NRP1	NR_045259	38.13080067	2.521850223	0.003828701	15.12016864
SMAD6	NR_027654	115.7038541	11.9879323	8.47E-08	9.651693992
MIPOL1	NM_001195297	40.80241766	0.486747389	0.000272773	83.82668
POLR3F	NM_001282526	64.31239418	3.726261832	1.71E-05	17.25922575
GMNN	NM_001251990	143.6340504	8.954272176	6.43E-11	16.04084034
SURF4	NM_033161	100.6458792	16.39118854	8.57E-06	6.140242911
ATP5J	NM_001003697	72.71568297	2.406220324	9.38E-07	30.21987731
SSU72	NM_014188	104.1917976	18.86910209	2.34E-05	5.521820652
NDRG1	NM_001135242	93.60275532	5.162105556	1.18E-07	18.13266976
CCDC93	NM_019044	71.8413816	1.642365994	1.72E-06	43.74261392
TTC14	NM_133462	66.49814761	8.017850547	0.000298002	8.293762427
UBE2H	NM_003344	78.05891695	5.844518556	5.52E-06	13.35591909
TMEM120B	NM_001080825	62.51507855	11.19643797	0.001217478	5.583479202
TMED3	NM_007364	54.11178977	9.510859455	0.003729155	5.689474229
SLC9B1	NR_047515	45.65978809	2.54391438	0.000629865	17.94863398
MARVELD3	NM_052858	84.22773945	7.677710328	7.81E-06	10.97042424
LAMB1	NM_002291	58.96916018	4.79868321	0.00016004	12.28861286
METTL25	NM_032230	54.98609113	0.817063358	7.05E-06	67.29721827
MBIP	NM_016586	45.65978809	2.932245732	0.000367702	15.57161038
DCAF5	NM_001284206	73.15283366	4.964471699	9.17E-06	14.73527056
ADAM22	NM_021722	122.3585401	1.205533791	2.11E-12	101.4973956

DYRK4	NM_001282285	33.71058093	1.126322067	0.001415238	29.9297882
CAPZA2	NM_006136	136.9793643	4.361581938	8.77E-12	31.40589039
ASB13	NM_024701	69.60691528	7.23097859	9.38E-05	9.626209568
ASAP1	NM_018482	55.42324183	4.579730159	0.000573333	12.10185751
ZNF266	NM_006631	38.13080067	2.776517339	0.002663337	13.73331985
CDC5L	NM_001253	51.44017277	3.497473446	0.000169825	14.70780939
CDK5RAP2	NR_073556	38.13080067	2.211963733	0.003845963	17.23843845
PPHLN1	NM_201438	72.71568297	2.131347954	1.68E-06	34.11722747
SERPINB8	NM_001276490	82.91628738	4.427723163	4.25E-07	18.72661961
HNRNPDL	NM_001207000	136.1050629	23.01524488	3.86E-07	5.91369171
TXNDC5	NM_030810	117.0153061	7.745327957	3.98E-09	15.10785686
THOC5	NM_003678	97.09996085	4.917147428	5.02E-08	19.74721366
DSTN	NM_006870	54.11178977	3.889941075	0.000395715	13.91069652
BRF2	NM_018310	98.46012576	10.06484207	7.48E-07	9.782580304
SETD1B	NM_015048	59.40631088	12.62526553	0.004680764	4.705351402
SEPW1	NM_003009	141.8854476	26.18587559	3.00E-07	5.418396154
MROH8	NM_152503	120.1240738	4.342546522	5.30E-10	27.66212709
SYPL1	NM_182715	79.37036901	2.176458567	4.47E-08	36.46766827
C11orf74	NM_001276725	37.69364998	0.867782223	0.000366978	43.4367621
WSB1	NM_134265	154.7089561	4.696776991	1.01E-13	32.93938725
ILDR1	NM_175924	63.82653061	5.34558563	7.14E-05	11.94004456
PLEKHG4	NM_001129731	81.60483533	13.60653354	0.000144342	5.997474309
YTHDF3	NM_001277817	110.4093329	3.21689704	1.43E-10	34.32168688
GTF2IRD1	NM_016328	102.8316327	10.38315344	8.17E-07	9.903699605
TRIM52-AS1	NR_102762	108.1748666	13.57881124	1.02E-06	7.96644601
RAB3IP	NM_175624	41.23956835	3.181296296	0.002039775	12.96313343
SEC61A2	NM_001142627	107.737716	5.347154946	3.96E-09	20.14860558
RGL3	NM_001161616	119.6869232	12.485098	6.34E-08	9.586382356
KAT7	NM_001199157	152.086052	7.459421095	3.80E-12	20.3884524
DCP2	NM_001242377	101.5201806	4.754008373	1.41E-08	21.3546491
SLC39A6	NM_001099406	75.82445064	5.65264174	2.03E-06	13.41398485
GATC	NM_176818	86.02505507	12.2070065	3.88E-05	7.047186799
ASAH1	NM_004315	58.5320095	4.816868418	0.000209202	12.15146531
MYO19	NM_001163735	89.57097344	13.20014799	3.33E-05	6.785603732
TMBIM6	NM_001098576	58.09485881	6.402724835	0.000815966	9.073458614
USP15	NM_001252079	61.64077717	3.629238911	1.49E-05	16.98449143
VPS72	NM_001271087	86.89935644	8.698510848	7.20E-06	9.990141756
FBXO44	NM_033182	102.394482	10.9914305	4.71E-07	9.315846735
FSIP1	NM_152597	30.16466256	1.171824459	0.002072391	25.74162225
ZNF271	NR_024566	75.82445064	3.792740565	1.45E-06	19.99199506
GFOD2	NM_030819	69.1697646	5.69620378	2.43E-05	12.14313379
ZNF526	NM_133444	101.0830299	14.30734141	3.94E-06	7.065116225
CST3	NM_000099	98.8485636	18.4181486	5.39E-05	5.36691096
NXPE3	NM_001134456	71.8413816	3.26428444	1.69E-06	22.0083093
YEATS4	NM_006530	149.414435	3.38868523	9.24E-14	44.09215519
UBE2J1	NM_016021	136.9793643	1.785579303	6.73E-15	76.71424285
YKT6	NM_006555	131.6848432	6.803097135	1.49E-10	19.35660194
FABP5	NM_001444	160.0521901	24.27139897	1.01E-08	6.594271316
ZNF143	NM_001282656	108.6120173	5.460633765	6.39E-09	19.89000215
TUG1	NR_002323	71.8413816	12.50438351	0.00043586	5.745295761
FAM210A	NM_152352	64.74954487	1.088804836	3.10E-06	59.46845817
FOXP4	NM_001012426	109.9234694	12.45101052	8.81E-07	8.82847775
C16orf59	NM_025108	115.7038541	24.92788549	3.89E-05	4.641543069
IFFO2	NM_001136265	73.58998434	12.7807014	0.000450916	5.757898727
TRAPPC12	NM_016030	107.3005653	4.150287859	6.88E-09	25.85376458
ZNF16	NM_006958	90.4452748	13.18741585	1.49E-05	6.858453226
GATAD2A	NM_017660	94.42834386	7.680488212	9.21E-07	12.29457572
GBF1	NM_001199378	172.438548	8.427619515	2.45E-13	20.46112163
MLF2	NM_005439	112.1579357	10.80587261	6.83E-08	10.37935017
ADAMTS17	NM_139057	80.68182108	1.757150561	4.76E-07	45.91628222
RPA1	NM_002945	88.2108085	4.741455553	4.06E-07	18.60416227
EIF3L	NM_001242923	102.0060442	7.937201719	1.07E-07	12.85163812

THEGL	NM_001256475	31.47611462	0.840792196	0.001597855	37.43625925
TRIM3	NM_001248006	79.8075197	8.219057522	9.31E-06	9.710057326
ETV6	NM_001987	38.13080067	2.43537513	0.003924917	15.65705431
SMYD3	NM_001167740	55.42324183	1.22160441	1.33E-05	45.36922211
LAS1L	NM_031206	38.13080067	2.1945683	0.002358236	17.3750804
ULK2	NM_001142610	86.02505507	3.572348749	1.13E-07	24.080811
SDHC	NM_001035513	49.69157001	5.733043481	0.001511415	8.667572499
LOC100507634	NR_038320	125.0301571	0.827259695	4.22E-14	151.1377357
BTF3	NM_001207	107.3005653	6.839403677	6.48E-09	15.6885849
HPS1	NM_182639	142.3225982	8.577810732	4.01E-11	16.591949
CEP350	NM_014810	103.3174962	2.896050571	3.18E-09	35.67530803
MOB4	NM_001204094	112.1579357	0.577436816	4.01E-13	194.2341268
CCDC90B	NM_001286120	114.8295527	3.003145647	1.97E-10	38.23642481
ATAD3A	NM_018188	118.8126218	12.2616674	5.61E-08	9.689760606
NDUFB3	NM_001257102	44.34833603	1.506610845	0.000131724	29.4358269
SNX7	NM_152238	68.73261391	0.468038701	7.67E-08	146.8524156
NUDT3	NM_006703	105.5032497	4.090298538	1.30E-08	25.79353284
TMEM44	NM_138399	59.84346156	9.9373833	0.00190366	6.022054272
DYNC1H1	NM_001376	111.7207851	6.488018151	4.46E-09	17.21955495
SMN1	NM_022874	134.8423237	22.50695801	2.67E-07	5.991139437
SCAMP1	NM_001290229	55.86039251	3.083289589	5.58E-05	18.11714109
AGO3	NM_177422	103.754647	3.52666013	3.09E-09	29.42008675
ARHGAP8	NM_181335	70.04406598	6.51660604	1.75E-05	10.74855002
LOC100505666	NR_040772	94.86549455	15.04414162	2.79E-05	6.305809725
DHRS7	NM_016029	66.49814761	5.62151596	2.97E-05	11.82921975
NUPL1	NM_014089	54.98609113	4.208096311	0.000417833	13.0667378
RPN2	NM_002951	69.1697646	6.219578149	2.79E-05	11.1212952
PALD1	NM_014431	70.04406598	10.09825455	0.000266172	6.93625474
PTPMT1	NM_001143984	87.33650713	12.04655911	1.07E-05	7.249913135
RRM2B	NM_015713	62.07792787	3.13999222	9.29E-06	19.77008971
UTP18	NM_016001	105.5519625	4.424152238	5.45E-09	23.85812169
MCPH1	NM_001172574	97.53711154	0.64399674	7.12E-11	151.4559089
RAD54L	NM_003579	105.9404003	11.12785677	2.85E-07	9.520287915
SLC25A5	NM_001152	75.82445064	17.28481151	0.00227894	4.386767573
ECI2	NR_028588	44.78548671	5.666483693	0.002130157	7.903576386
MRPL23	NM_021134	94.42834386	20.35347062	0.000156121	4.639422221
GPR107	NM_001136557	99.7715779	5.371493423	4.38E-08	18.57427163
CCDC134	NM_024821	82.91628738	10.86727041	2.33E-05	7.629909285
FBXL20	NM_032875	80.68182108	3.041017538	4.29E-07	26.5311923
MLKL	NM_152649	64.74954487	4.395272273	3.15E-05	14.73163455
FPGS	NR_110170	101.5201806	14.65862395	3.53E-06	6.925628282
ZDHHC20	NM_153251	111.7207851	1.397121902	1.08E-10	79.96495147
CHD2	NM_001042572	125.4673077	6.649439104	9.55E-10	18.86885582
TREX2	NM_080701	42.11386972	4.87898609	0.004356825	8.631684727
PPL	NM_002705	119.6869232	12.70763229	1.03E-07	9.418506961
GIGYF2	NM_001103148	105.5032497	4.644158568	1.66E-08	22.717409
SZT2	NM_015284	93.99119317	10.94421613	3.56E-06	8.588206959
LOC100288798	NR_125379	99.7715779	4.031893299	7.84E-09	24.74558985
EFCAB5	NM_001145053	123.2328415	3.102668053	4.26E-11	39.71834543
NCOA6	NM_014071	106.377551	3.875442271	1.65E-09	27.44913834
ADRBK2	NM_005160	42.11386972	2.010383009	0.001148585	20.94818228
CNOT8	NM_001301083	47.45710371	4.804107994	0.001066682	9.878442318
KMT2C	NM_170606	49.64285714	0.919033897	4.13E-05	54.01635057
SF3A2	NM_007165	110.8464837	20.92119966	8.82E-06	5.298285254
GGCT	NM_001199816	67.85831254	4.018477424	3.08E-06	16.88657304
IDUA	NM_000203	118.375471	22.63914986	1.17E-05	5.228794886
MAPK4	NM_002747	48.33140508	2.779843768	0.000359297	17.3863746
ARHGAP5	NM_001173	120.1240738	3.039316825	4.52E-11	39.52338
TUT1	NM_022830	101.5201806	13.49796088	1.40E-06	7.521149414
RPL22L1	NM_001099645	93.11689181	21.40189396	0.0002455	4.350871563
UNK	NM_001080419	140.5252827	14.9229012	8.27E-09	9.416753537
RRM2	NM_001165931	100.6458792	20.20004352	5.39E-05	4.982458532

ZFP37	NM_001282518	43.47403467	2.643578277	0.000521578	16.44514749
NELFCD	NM_198976	120.1240738	8.85682298	4.18E-09	13.56288525
TMEM135	NM_001168724	71.40423091	1.493867459	2.66E-06	47.79823705
COMMD8	NM_017845	93.55404248	0.944476264	9.60E-12	99.05388418
TWF2	NM_007284	119.6869232	24.2029122	1.33E-05	4.945145534
DCAF10	NM_001286810	121.4842387	3.76671924	2.12E-10	32.25200259
EPHA2	NM_004431	128.5760755	19.86716846	2.41E-07	6.471786647
ZNF430	NM_001172671	62.51507855	0.577963664	1.04E-07	108.1643751
ERCC6L	NM_017669	39.00510204	2.13645664	0.001482802	18.25691255
LINC01420	NR_015367	38.13080067	1.408630322	0.003267188	27.06941635
EDC3	NM_001142444	50.12872071	4.827277054	0.000865729	10.38447144
PRKCI	NM_002740	90.4452748	2.615250174	2.37E-08	34.58379458
ATF7	NR_073163	84.71360301	4.589481034	8.96E-07	18.45820963
PRCC	NM_005973	79.37036901	6.034178875	1.88E-06	13.15346639
CDC25A	NM_201567	100.6458792	7.122925146	1.48E-07	14.12985215
TMEM237	NM_001044385	43.91118534	5.245318473	0.003903534	8.371500332
KIAA1841	NM_001129993	81.60483533	3.995831041	1.12E-06	20.42249396
C18orf25	NM_001008239	69.60691528	3.487513742	4.52E-06	19.95889348
ADAM17	NM_003183	75.82445064	4.312836624	4.20E-06	17.58110897
IKZF5	NR_073479	72.71568297	1.620272919	1.68E-07	44.87866342
ZNF664-FAM101A	NM_001204299	130.3246782	4.704990303	1.12E-10	27.6992448
SORL1	NM_003105	41.23956835	3.028111266	0.002179176	13.61890787
WDR27	NM_001202550	115.2667034	2.313753151	3.10E-10	49.81806435
FUT4	NM_002033	99.7715779	19.42974984	3.53E-05	5.134990348
TTC31	NM_022492	58.5320095	8.24914924	0.000653116	7.095520738
CETN2	NM_004344	41.23956835	1.705587612	0.00050541	24.17909703
GTF2H2C	NM_001098728	96.22565948	1.667176899	6.56E-10	57.717726
PYGL	NM_002863	97.97426223	4.148670945	3.67E-08	23.61581902
DCTN6	NM_006571	88.2108085	4.783749576	1.94E-07	18.4396794
LOC100289230	NR_036530	109.4863187	13.91388985	3.71E-06	7.868850471
XPC	NM_001145769	150.2887363	8.481628545	3.49E-12	17.71932542
TSNAX-DISC1	NR_028396	81.60483533	3.922650584	2.87E-07	20.80349335
ELP2	NM_001242878	62.51507855	2.545005906	9.59E-06	24.56382455
LOC100507557	NR_038244	44.34833603	1.163067324	5.30E-05	38.13049779
PCBP2	NM_001128911	141.399584	14.16893435	1.53E-09	9.979549656
KRT12	NM_000223	30.16466256	1.162736947	0.002256669	25.94280903
ULK3	NM_001284365	119.2497724	18.40968362	8.16E-07	6.477556861
SGOL2	NM_001160046	83.35343807	1.228120234	4.18E-08	67.87074733
CD4	NM_001195014	51.00302207	6.239464705	0.000781071	8.174262454
AAMDC	NM_024684	52.31447414	4.899913598	0.000828527	10.67661155
CD46	NM_172353	82.91628738	3.590980088	1.23E-07	23.09015516
COL6A4P1	NR_027927	43.91118534	1.415932798	0.000671926	31.01219592
CDKN3	NM_001130851	132.9962952	7.265147719	5.97E-11	18.30606897
PASK	NM_001252124	70.96708023	8.657098167	6.26E-05	8.197559836
ELK1	NM_001257168	70.04406598	6.54904382	3.28E-05	10.69531185
BABAM1	NM_014173	69.1697646	13.27239971	0.000836726	5.21154924
WFS1	NM_001145853	79.8075197	9.434170389	4.30E-05	8.459410463
TNFAIP3	NM_006290	33.71058093	2.408529557	0.004078631	13.99633267
TRMU	NR_104241	183.9506044	13.99511297	8.25E-13	13.14391708
TMEM127	NM_001193304	101.5201806	12.70393624	1.28E-06	7.9912382
COMMD6	NM_001287393	75.38729997	2.557154841	6.75E-07	29.48092886
TBC1D24	NM_001199107	95.73979591	12.6844354	6.03E-06	7.547816906
TRAF3IP2-AS1	NR_034108	117.9383204	4.016576132	1.25E-09	29.36289927
ZDHHC13	NM_019028	196.8228258	1.982801541	2.76E-20	99.26501557
FAM86B3P	NR_024363	51.00302207	7.102097213	0.001947645	7.181402977
CTNNB1	NM_001098209	168.0183282	2.407107459	3.31E-17	69.80092539
LETM1	NM_012318	92.67974111	10.94511225	5.55E-06	8.467683018
TRIM11	NM_145214	92.19387756	19.08248936	0.000120106	4.83133389
SLC12A7	NM_006598	101.0830299	11.14322919	1.19E-06	9.071251085
STAG3L5P	NR_103720	119.6869232	3.404371905	5.37E-12	35.15682966
AP2A1	NM_014203	91.75672686	12.19684999	1.91E-05	7.522985602
DUSP2	NM_004418	158.6920252	33.00145663	7.99E-07	4.808636993

NEK1	NM_001199399	93.99119317	2.81138884	2.25E-08	33.43229931
ABCC5	NM_001023587	70.04406598	5.70451961	1.17E-05	12.27869668
SERINC5	NM_178276	104.6289483	3.979683685	1.92E-09	26.29076996
UNC5B	NM_170744	97.53711154	10.25583915	2.20E-06	9.510397941
MBD6	NM_052897	133.8705966	29.28359403	5.48E-06	4.571522077
NFU1	NR_045631	91.31957618	5.452417571	1.74E-07	16.74845607
SENP7	NM_001282804	29.72751187	0.967661215	0.003791933	30.72099141
SENP6	NM_015571	132.9962952	1.761349199	1.35E-12	75.50819298
ALDH7A1	NM_001201377	56.29754319	2.705272884	4.12E-05	20.81030107
TAOK3	NM_016281	55.42324183	1.655953761	0.000102575	33.46907572
ZNF784	NM_203374	70.48121666	9.948585888	0.000117106	7.084546231
CACNB1	NM_000723	141.8367347	12.09464328	5.98E-10	11.72723588
WLS	NM_001193334	60.76647581	4.356557602	0.000166071	13.94827783
C3orf33	NM_173657	51.44017277	3.131719092	0.000144874	16.42553858
TSPAN17	NM_001006616	94.42834386	13.37091376	1.80E-05	7.062220694
CTSB	NM_147780	94.86549455	11.61235744	2.53E-06	8.169357088
ZNF786	NM_152411	145.8685166	9.123123838	3.50E-11	15.98887829
FDX1L	NM_001031734	77.13590271	11.89765892	0.000229312	6.483284084
NMI	NM_004688	26.1815935	0.388067028	0.001974192	67.46667875
ECE2	NM_032331	62.51507855	11.17953189	0.001912183	5.591922735
RMND1	NM_001271937	39.9281163	3.440021001	0.00188377	11.60693969
GLG1	NR_027265	121.4842387	5.017731829	5.02E-10	24.21098672
SENP5	NM_152699	86.89935644	3.72713008	9.35E-08	23.31535379
BBX	NM_001276286	51.00302207	1.788062675	0.00019832	28.52418026
MTHFSD	NM_022764	140.5252827	8.100632657	2.35E-11	17.3474454
TRIM44	NM_017583	89.13382275	2.140216303	5.69E-08	41.64710952
RHOBTB3	NM_014899	36.38219793	3.905620069	0.003676085	9.315344883
TAMM41	NM_001284401	78.93321834	4.164898877	2.08E-06	18.95201316
OSTF1	NM_012383	125.9044585	2.161269579	3.77E-12	58.25486081
HMGXB3	NM_014983	104.6289483	5.963779759	1.05E-08	17.54406643
ETNK2	NM_001297761	70.04406598	12.71426667	0.000611257	5.509092095
DOCK4	NM_014705	32.39912887	0.730253455	0.002167049	44.36696416
PLA2G4C	NM_001159323	62.51507855	4.497498733	8.30E-05	13.8999658
E2F2	NM_004091	132.1219938	18.21719235	1.18E-07	7.252599156
AP1B1	NM_001166019	107.3005653	8.66678853	4.47E-08	12.38066037
SFR1	NM_001002759	125.9044585	9.343236126	2.88E-09	13.47546576
MEGF11	NM_032445	48.33140508	5.759575716	0.001740721	8.391487059
FAM132B	NM_001291832	78.01020409	18.24114111	0.001221837	4.276607676
ZNF302	NM_018675	79.37036901	8.713610172	1.44E-05	9.108781257
ACBD7	NM_001039844	53.23748838	3.543845183	0.000186935	15.02252091
PTPN23	NM_015466	126.7787599	8.579910445	8.11E-10	14.77623347
TCEANC2	NM_153035	45.65978809	5.452085745	0.002589383	8.374737711
REPIN1	NM_001099695	104.6289483	21.25644177	2.86E-05	4.92222308
MROH1	NM_001099280	71.40423091	12.2699588	0.000262381	5.819435261
MGST2	NM_002413	48.33140508	3.774800825	0.000280234	12.80369676
CYFIP1	NM_014608	69.1697646	4.95791107	3.02E-05	13.95139276
YME1L1	NM_014263	70.09277885	4.615260957	1.20E-05	15.18717566
DDX54	NM_024072	148.05427	13.25071844	2.55E-10	11.17330133
WDHD1	NM_001008396	173.3128494	2.987610777	2.25E-16	58.0105182
ORC3	NM_012381	53.23748838	1.982516719	8.04E-05	26.85348773
RELA	NM_001243985	108.1748666	22.28718367	3.36E-05	4.853680404
SLC9A8	NM_001260491	82.91628738	6.748409486	1.60E-06	12.28678958
ZFP64	NM_018197	75.82445064	4.257567444	3.17E-06	17.80933635
SH3GLB1	NM_001206653	90.00812411	0.531507334	1.69E-11	169.3450275
CSTF3	NM_001033506	40.80241766	3.210117649	0.001386776	12.71056769
DENND4C	NM_017925	79.37036901	2.379435139	3.85E-07	33.35681133
TMEM123	NM_052932	55.86039251	3.06885148	4.48E-05	18.2023773
AREL1	NM_001039479	110.8464837	3.963410982	2.00E-09	27.96744627
FBXO21	NM_015002	121.4842387	5.763517519	2.28E-10	21.07814165
NME6	NM_005793	93.55404248	13.20215944	1.03E-05	7.08626819
KDM1B	NM_153042	44.34833603	5.072548224	0.002705776	8.742812107
MAPK12	NM_002969	130.7618289	28.23117337	4.36E-06	4.631824092

HSPG2	NM_005529	95.73979591	12.44005541	2.38E-06	7.696090797
SPRY4	NM_030964	97.53711154	10.94250336	3.24E-06	8.913601245
HPS5	NM_007216	53.67463907	2.202905914	6.29E-05	24.36537972
ZKSCAN1	NM_001287054	122.7956908	6.090058204	6.83E-10	20.16330333
LOC100630923	NR_038967	60.76647581	9.241413421	0.000646023	6.57545259
ZNF180	NM_001288759	82.4791367	5.93681038	8.23E-07	13.89283663
ZER1	NM_006336	94.86549455	11.55330622	3.17E-06	8.211112281
AP3S2	NR_037582	101.5201806	5.011502214	1.96E-08	20.25743505
CD99P1	NR_033381	59.40631088	2.085774711	1.09E-05	28.48165267
TARS2	NR_073514	68.29546324	8.323687331	8.63E-05	8.204952988
SSBP1	NR_046269	85.1507537	7.025653436	1.12E-06	12.11997638
BRI3BP	NM_080626	108.6120173	8.453337252	2.93E-08	12.84841881
FRS2	NM_001278355	101.0830299	4.023425702	4.28E-08	25.12362286
PREPL	NM_001171606	88.2108085	3.890435516	2.58E-07	22.67376188
EXOSC2	NM_001282708	115.2667034	8.244778439	8.23E-09	13.98057015
KLC2	NM_022822	101.9573313	24.40372751	0.000102215	4.1779409
GGA3	NM_001291641	105.5519625	21.62578878	3.67E-05	4.880837576
MKS1	NM_017777	93.99119317	9.668965197	1.30E-06	9.72091545
FH	NM_000143	125.0301571	1.582459872	5.46E-14	79.01000168
WDR44	NM_001184966	39.00510204	1.386043928	0.001835707	28.14131734
SERPINB9	NM_004155	143.1968996	8.241431006	2.85E-11	17.37524703
ATRAID	NM_016085	132.1219938	9.174665769	2.67E-10	14.40074191
PAPL	NM_001004318	70.48121666	6.262789734	1.08E-05	11.25396503
STARD7-AS1	NR_046322	217.2240347	6.419820225	5.08E-19	33.83646692
RNH1	NM_203384	93.11689181	19.81543384	0.000181748	4.69921035
SAE1	NR_027280	103.754647	10.26252529	7.23E-07	10.1100503
PFKFB3	NM_001145443	58.5320095	8.853511405	0.00113822	6.61116328
SEC31A	NM_001077206	86.89935644	3.379186115	9.25E-08	25.71606106
AAGAB	NM_024666	84.71360301	3.603216828	7.83E-08	23.51054823
EZH1	NM_001991	101.9573313	4.808572507	1.41E-08	21.20324298
GDI2	NM_001494	43.91118534	4.92414277	0.004468407	8.917528876
PMF1-BGLAP	NM_001199663	89.57097344	9.014383398	1.85E-06	9.936450392
DCBLD2	NM_080927	188.8566877	9.030093381	6.97E-15	20.91414559
ORC1	NM_004153	93.99119317	7.711316692	5.31E-07	12.18873468
GOLGA4	NM_001172713	100.2087285	2.891468349	5.09E-09	34.65669219
IL1R1	NM_000877	67.37244898	0.507812469	1.17E-08	132.6719077
MTMR10	NM_017762	66.49814761	2.561428141	5.61E-06	25.96135591
SH3BGR	NM_001001713	54.11178977	0.299694058	1.13E-06	180.5567654
BSPRY	NM_017688	70.91836734	8.093430943	4.92E-05	8.762460302
TAF15	NM_139215	178.6560833	5.352921688	3.57E-16	33.37543377
STXBP1	NM_003165	138.2908163	7.573564564	1.53E-10	18.25967352
LOC101929295	NR_110303	47.45710371	5.571583731	0.002541385	8.517704481
PAPD4	NM_173797	44.34833603	4.474050474	0.002691986	9.912345934
ZNF689	NR_104166	65.18669554	5.444317599	4.08E-05	11.97334549
LRP6	NM_002336	57.65770813	2.345188331	5.52E-05	24.58553429
PNP	NM_000270	151.1630377	6.700846812	1.97E-13	22.55879622
MRPL43	NM_176794	95.3513581	19.09491496	0.000102215	4.993547147
NT5C3B	NR_033465	105.066099	10.11730066	3.48E-07	10.38479556
FARP1	NM_005766	88.64795919	3.681270277	8.72E-08	24.08080703
B4GALT3	NM_001199874	93.55404248	19.23649762	0.000112057	4.86336153
AKIP1	NR_045418	109.4863187	7.650218227	1.61E-08	14.31152883
CFAP97	NM_020827	92.19387756	3.557970239	1.75E-08	25.9119305
NAA16	NM_024561	58.09485881	3.596920412	4.99E-05	16.15127725
ACP2	NM_001131064	145.431366	27.82287929	8.95E-07	5.227042265
ARMCS	NM_001105247	69.1697646	16.20835256	0.00195408	4.267538254
NDUFAF5	NM_001039375	58.5320095	1.433293089	1.70E-05	40.8374323
CCDC50	NM_178335	58.5320095	1.035300989	2.70E-06	56.53622487
DLGAP5	NM_001146015	48.33140508	5.346515437	0.001452763	9.039795294
TAF1A	NM_001201536	38.13080067	1.715099189	0.002495009	22.23241718
LRRRC8D	NM_001134479	47.01995303	3.489878998	0.000642852	13.47323304
PPIE	NR_036543	61.64077717	8.951052717	0.0008683	6.886427677
METTL21B	NM_206914	79.8075197	7.270599212	3.28E-06	10.97674585

RABL6	NM_001173989	159.5663266	13.58259975	2.42E-11	11.74784868
URGCP	NM_001290076	93.99119317	5.552636637	1.11E-07	16.92730847
EIF1B-AS1	NR_033965	61.64077717	2.021946056	1.49E-05	30.48586632
MAU2	NM_015329	125.9044585	11.66219481	6.27E-09	10.79594884
KIF9-AS1	NR_033373	97.53711154	4.235229805	6.76E-08	23.02994549
PLCB3	NM_000932	137.8536657	21.88658401	1.17E-07	6.298546433
INTS12	NM_001142471	119.2497724	1.118467082	1.23E-13	106.618938
FKBP5	NM_001145777	122.7956908	5.058906757	4.14E-10	24.27316745
AADAT	NM_001286682	101.9573313	1.503865222	8.43E-11	67.79685424
TPRA1	NM_001136053	90.8824255	11.59730433	1.25E-05	7.836512942
SEC23B	NM_032985	105.5032497	3.415371903	7.84E-10	30.89070609
PDHB	NR_033384	106.377551	5.434980071	4.11E-09	19.57275825
MEGF9	NM_001080497	91.75672686	2.697095542	3.02E-08	34.02056969
E2F8	NM_001256372	66.06099693	3.836396972	1.80E-05	17.21954151
E2F3	NM_001949	158.740738	7.893812239	1.70E-12	20.10951531
FAM98C	NM_174905	61.2036265	10.83883797	0.002427708	5.64669632
GMPR2	NM_001002002	51.00302207	6.347801231	0.001193358	8.034754116
WDR73	NM_032856	101.9573313	10.4518429	7.05E-07	9.754962091
XPO7	NM_015024	93.55404248	3.785911619	1.70E-08	24.71110049
LPAR3	NM_012152	58.5320095	5.08154618	0.000287936	11.51854326
RAB3GAP1	NM_012233	55.86039251	2.538601848	5.33E-05	22.00439291
STX12	NM_177424	58.09485881	4.621472151	0.000255649	12.57063916
FIZ1	NM_032836	136.9793643	11.85271117	9.30E-10	11.55679593
SOGA1	NM_080627	85.10204081	9.733531765	1.84E-05	8.743182112
RNF24	NM_001134337	79.8075197	3.5279166	3.60E-07	22.62171382
DNAJC10	NM_001271581	97.53711154	1.966795318	3.41E-09	49.59189735
CDC42BPB	NM_006035	70.91836734	7.591806443	7.85E-05	9.341435122
ATG10	NM_031482	137.8536657	2.796874199	2.99E-12	49.28847558
AEBP2	NM_001114176	113.0322371	2.037948227	9.65E-11	55.46374319
PML	NM_033246	43.91118534	4.697889869	0.004442113	9.347001859
MRPS31P5	NR_051965	71.40423091	4.652402042	8.73E-06	15.34782039
CHCHD10	NM_001301339	135.6679122	23.75337364	3.62E-06	5.711521836
FOXJ2	NM_018416	115.7038541	7.01726673	4.60E-09	16.48845036
MCM8	NM_001281520	111.2836343	3.695375091	1.50E-09	30.11430005
EMC4	NM_016454	83.35343807	6.143192443	1.46E-06	13.56842372
FUS	NM_001170634	243.3569153	16.86233939	2.85E-17	14.43197825
TNK1	NM_001251902	156.9434224	21.67186387	3.07E-09	7.241805473
CPSF2	NM_017437	118.8126218	3.235292688	1.73E-11	36.7239175
AMOTL2	NM_001278685	65.18669554	13.4204416	0.001667006	4.857269043
ALDH3B1	NM_001290059	96.22565948	16.26272184	1.70E-05	5.91694677
LYRM4	NR_104417	82.91628738	1.856963237	1.88E-07	44.65155031
SRP9	NM_003133	74.95014928	7.694748565	1.71E-05	9.740428637
OXNAD1	NM_138381	69.60691528	2.561907224	2.37E-06	27.16995941
TARDBP	NM_007375	188.4195371	10.62669783	4.85E-15	17.73077018
PLEKHD1	NM_001161498	49.64285714	7.065556697	0.004935393	7.026036202
KLHL28	NM_017658	72.27853228	0.633174301	8.64E-09	114.1526625
TRIT1	NM_017646	89.57097344	3.806554818	2.45E-07	23.53071944
MCUR1	NM_001031713	90.8824255	4.905079817	1.09E-07	18.52822561
SHKBP1	NM_138392	69.1697646	14.85684216	0.00238708	4.655751463
WDR76	NM_001167941	81.60483533	4.29229123	9.32E-07	19.01195211
C3orf17	NM_015412	46.14565165	4.075170957	0.001753003	11.32361124
CDKL5	NM_003159	39.00510204	1.115318408	0.000293559	34.97216736
PEX11A	NM_003847	51.44017277	0.581143614	1.78E-06	88.51542288
VMA21	NM_001017980	66.49814761	1.381116075	2.28E-07	48.14812367
FBXO28	NM_001136115	172.438548	2.679343341	4.80E-17	64.35851104
UBR7	NR_038150	50.5658714	7.141098896	0.002540987	7.080965007
AKT2	NM_001243028	88.2108085	12.66251786	3.56E-05	6.966292917
PRSS23	NR_120593	59.40631088	2.619205956	3.00E-05	22.68103841
SPOCD1	NM_001281987	63.38937993	10.04466873	0.001016332	6.310748677
SWAP70	NM_001297714	59.84346156	5.206415161	0.000165781	11.4941778
SMC3	NM_005445	135.6679122	6.849561557	1.15E-10	19.80680239
FAM86EP	NR_024253	62.95222924	10.06210082	0.000806488	6.256370348

KIAA1731	NM_033395	108.1748666	3.014236986	4.70E-10	35.88797668
FBXO18	NM_001258452	125.0301571	9.758992167	6.54E-09	12.81178988
STRIP1	NM_033088	72.71568297	9.477229079	0.000180656	7.672673348
DHX29	NM_019030	99.33442714	3.295683377	2.62E-09	30.14076772
ZYG11B	NM_024646	132.5591446	3.452085734	5.18E-12	38.3997255
ZNF57	NM_173480	55.86039251	6.577884809	0.000730516	8.492151221
ACIN1	NM_001164816	73.15283366	17.00105963	0.000899767	4.30283966
NUP107	NM_020401	97.53711154	2.901532605	4.77E-09	33.61572135
VIPAS39	NM_022067	107.737716	2.448901359	7.72E-11	43.9943061
PLEKHF2	NM_024613	70.52992954	2.691553695	6.45E-07	26.20416961
ACTN1	NM_001130004	80.2446704	12.06663743	5.75E-05	6.650126919
SLC30A5	NM_001251969	74.95014928	5.848555772	1.02E-05	12.81515509
TRAP1	NM_016292	107.737716	9.345167643	4.58E-08	11.52870875
PPIG	NM_004792	84.22773945	3.389113938	1.40E-07	24.85243665
UBE4B	NM_001105562	66.06099693	4.014098416	9.66E-06	16.45724396
RNF170	NM_001160224	56.29754319	2.753745168	3.90E-05	20.44399164
COPG2	NM_012133	66.06099693	0.850414987	6.48E-07	77.68089452
PDSS2	NM_020381	56.78340675	1.987566685	6.03E-05	28.56930899
APBB2	NM_001166050	43.91118534	3.713536142	0.001265723	11.82462851
SLC25A12	NM_003705	48.33140508	3.287397246	0.000346986	14.70202761
CMPK1	NM_001136140	119.2497724	5.407903922	3.75E-10	22.05101535
DDX26B	NM_182540	55.86039251	1.380696177	3.00E-05	40.45813512
PIGT	NR_047691	113.9552513	8.053083707	6.48E-09	14.15051122
NXF1	NM_006362	133.4821588	21.16478312	1.46E-07	6.306804943
MDM4	NM_001204172	88.69667206	6.637424426	1.86E-06	13.36311593
NMU	NM_001292045	94.42834386	2.690158337	5.60E-09	35.10140744
SMAGP	NM_001031628	66.93529829	4.680510746	2.98E-05	14.30085346
JADE3	NM_014735	55.86039251	2.321746868	5.50E-05	24.05963944
PPP2R1B	NM_002716	62.51507855	3.855726357	5.38E-05	16.21356724
TMEM116	NM_138341	117.9383204	4.945038829	1.12E-09	23.84982696
SIM2	NM_005069	54.98609113	5.645174822	0.000478393	9.740369937
IL13RA1	NM_001560	70.48121666	1.571879308	1.22E-06	44.83882211
RBP7	NM_052960	51.00302207	2.430492065	6.94E-05	20.98464867
LINC00535	NR_033858	109.9721823	1.171144293	6.34E-11	93.90147992
PCCA	NM_001178004	48.33140508	2.759353731	0.000384573	17.51548
ELMOD2	NM_153702	78.49606764	3.964350252	2.31E-06	19.80048751
WARS	NM_173701	84.27645233	7.880345606	6.55E-06	10.69451221
GNPNAT1	NM_198066	76.69875203	3.994114248	1.15E-06	19.20294395
CREBZF	NR_028027	168.4554789	12.70754605	2.70E-12	13.25633433
JAK2	NM_004972	76.26160134	1.158929547	4.19E-08	65.8034835
NCAPH	NM_001281711	122.7956908	8.954013012	1.93E-09	13.7140398
CDKN1C	NM_001122631	90.00812411	19.56595739	0.00030822	4.600241242
MCM9	NM_153255	109.4863187	4.29216873	1.36E-09	25.50839112
ACAD11	NM_032169	54.54894044	1.333303789	7.64E-05	40.91261187
PPIB	NM_000942	105.5032497	17.99118275	1.36E-05	5.864164192
PWWP2A	NM_001130864	79.8075197	1.189922347	2.06E-08	67.0695192
TPGS1	NM_033513	155.5832575	15.29335139	4.35E-10	10.17326115
PDIA6	NM_001282707	86.89935644	2.225229297	1.93E-08	39.05186606
SYNRG	NM_198882	94.42834386	3.184206978	1.60E-08	29.65521541
RPS14	NM_005617	178.2189327	24.4883972	6.76E-10	7.277688744
CHID1	NM_001142677	104.1917976	16.59509492	8.37E-06	6.278469515
GKAP1	NM_025211	70.04406598	0.405516458	1.71E-08	172.7280473
PRKCDBP	NM_145040	75.38729997	15.99232347	0.002811162	4.713967931
LINC01012	NR_038293	35.94504724	2.133887278	0.001935954	16.84486693
RCHY1	NM_015436	52.31447414	4.003581897	0.00070358	13.06691745
NEMF	NM_004713	66.98401118	4.982542517	4.87E-05	13.44374101
FLNB	NM_001164319	104.1917976	5.462159588	3.11E-08	19.07520202
CRYZL1	NM_145858	40.36526697	1.961888399	0.001672532	20.57470088
RNF130	NM_018434	72.71568297	2.782821743	2.44E-06	26.13019793
SAMD8	NM_001174156	126.3416091	2.601032584	7.76E-12	48.57363569
PROSC	NM_007198	93.55404248	8.629931859	1.46E-06	10.84064672
TMEM50B	NM_006134	70.48121666	2.672459035	9.37E-07	26.37317008

TMEM246	NM_032342	82.91628738	2.508998552	5.13E-08	33.04756287
PDE9A	NM_001001573	56.29754319	5.475814966	0.00030724	10.28112592
ASL	NM_001024944	86.02505507	13.00170037	4.05E-05	6.616446513
GSTK1	NM_015917	102.0060442	8.931884507	1.25E-07	11.42043922
SRD5A3	NM_024592	68.73261391	5.464716214	1.83E-05	12.57752667
CDK20	NM_001170640	47.8942544	6.922336875	0.002878163	6.91879856
KIF1C	NM_006612	105.5032497	12.80875026	1.18E-06	8.236810578
BDNF-AS	NR_033312	173.75	0.284244208	7.32E-21	611.270152
ERBB2	NM_001289937	70.09277885	14.31051737	0.000679669	4.89799055
NGFR	NM_002507	137.8536657	19.74634216	1.17E-07	6.98122541
TBCEL	NM_152715	79.8075197	1.953420234	1.96E-07	40.8552744
FAM63B	NM_001040453	49.25441934	3.33579835	0.000333887	14.76540671
ARSG	NM_014960	71.40423091	10.1202899	0.000279506	7.05555193
CEP63	NM_001042384	35.94504724	3.510689036	0.003752349	10.23874427
PDRG1	NM_030815	66.54686048	15.7530621	0.002954428	4.224376192
SP3	NM_001172712	154.7089561	8.981214692	4.09E-12	17.22583876
ZNF74	NM_001256525	71.40423091	9.542543381	0.000150843	7.482725313
PSMA5	NM_001199772	107.737716	2.571190467	6.47E-11	41.90188063
ASB16-AS1	NR_049730	56.34625608	10.95962497	0.002230931	5.141257683
DPM1	NM_003859	71.40423091	4.604263928	7.86E-06	15.50828363
ZNF703	NM_025069	97.97426223	23.72235849	0.000424711	4.130038853
STYK1	NM_018423	51.87732345	2.954146101	0.0001553	17.56085233
PDE4B	NM_002600	30.60181325	1.162027781	0.002240425	26.3348379
NCOA7	NM_001122842	56.34625608	2.170665428	5.35E-05	25.95805662
HADHB	NM_001281513	84.66489013	3.294182355	6.17E-08	25.70133678
BDH1	NM_203314	65.62384623	9.863113537	0.000679709	6.653461504
TTPAL	NM_001039199	159.6150394	5.32800624	3.62E-14	29.95774259
TRAF3	NM_145726	60.28061224	5.587393091	0.000176448	10.78868289
TGFB2	NM_003238	30.60181325	0.667326716	0.001640459	45.85731772
LGR4	NM_018490	47.45710371	1.331397473	0.000278947	35.64457997
IVNS1ABP	NM_006469	151.1630377	5.373256658	4.11E-13	28.13248042
FKBP1A	NM_001199786	108.1748666	10.36857287	1.27E-07	10.4329562
VWA8-AS1	NR_039974	104.6289483	1.159072926	3.34E-12	90.26951276
ACSS2	NM_018677	93.11689181	5.900764584	1.16E-07	15.78047903
GSTO2	NM_001191014	156.5062718	4.265070231	9.75E-15	36.69488737
KCTD5	NM_018992	151.1630377	15.49251532	6.69E-10	9.757165612
DHRS4	NM_021004	110.4093329	5.909825906	3.19E-09	18.68233255
SULT1A1	NM_177536	58.5320095	10.96681047	0.002680764	5.337195317
SORBS1	NM_015385	59.40631088	3.710674006	3.46E-05	16.00957421
HS6ST1	NM_004807	70.04406598	9.77925479	0.000246027	7.162515701
SNAI1	NM_005985	166.2210125	36.46713449	3.11E-07	4.558104574
ENY2	NM_001193557	133.9193095	6.605811119	4.48E-11	20.27295468
MSLN	NM_001177355	79.8075197	18.5029918	0.000671268	4.313222455
SNX25	NM_031953	62.95222924	2.895641543	1.69E-05	21.74033916
HEATR6	NM_022070	111.2836343	7.082573909	1.52E-08	15.71231529
G3BP2	NM_203504	50.12872071	6.02815276	0.000768641	8.315768147
ST20	NR_037652	97.53711154	5.270818092	2.81E-08	18.50511815
EYA3	NM_001990	46.14565165	6.016887855	0.0028705	7.669355449
CABIN1	NM_001199281	90.4452748	8.378430043	1.71E-06	10.79501462
ZNF584	NM_173548	76.26160134	7.160203884	6.01E-06	10.65075836
ANKRD12	NM_015208	37.2564993	2.515860903	0.003811762	14.80864831
SPCS3	NM_021928	69.60691528	5.157259785	8.53E-06	13.49687978
RNF34	NM_025126	148.9772843	7.351154198	2.68E-12	20.26583585
FBXO41	NM_001080410	127.6530613	22.24712643	1.40E-06	5.737957289
RBBP6	NM_018703	116.6268684	4.456659794	3.46E-10	26.16912077
TMEM110-MUSTN1	NM_001198974	87.33650713	5.348957971	4.16E-07	16.32776096
OSTC	NM_021227	37.2564993	2.868853585	0.002383047	12.98654609
ECT2	NM_001258316	49.25441934	3.42947299	0.000322474	14.36209572
ZFP1	NM_153688	127.2159105	2.651419934	2.30E-12	47.98029497
6-Mar	NM_001270660	59.40631088	4.597359449	0.000161412	12.92183297
BIRC2	NM_001256166	71.8413816	3.990817791	8.78E-06	18.00166917
NDUFS5	NM_004552	82.4791367	6.218188523	9.56E-07	13.26417435

HEXB	NM_000521	109.049168	3.908796156	2.28E-09	27.89840239
ATP11B	NM_014616	132.5591446	2.925314117	5.58E-12	45.31449933
G3BP1	NM_005754	112.1579357	4.661365252	1.37E-09	24.06117728
GLRX5	NM_016417	136.9793643	7.757946501	2.00E-11	17.65665234
SERINC3	NM_198941	69.60691528	4.107649458	1.46E-05	16.94568049
FAM83B	NM_001010872	69.1697646	1.850542788	3.51E-06	37.37809524
PVRL1	NM_002855	69.1697646	9.565775932	0.000128777	7.230962244
FN3KRP	NR_046408	132.9962952	14.86265597	2.22E-08	8.948353209
HSD17B4	NM_000414	69.60691528	1.338997314	2.66E-06	51.98435767
TBC1D12	NM_015188	44.78548671	2.52736661	0.000628863	17.72021777
COL4A3	NM_000091	39.9281163	2.721543445	0.002131148	14.67112949
CPSF7	NM_001136040	109.5350315	8.57348655	2.55E-08	12.77601952
MAP3K7	NM_145332	55.86039251	2.774963433	4.77E-05	20.13013643
DNAH14	NM_001145154	68.73261391	1.827109284	3.41E-06	37.61822816
RNASEH1	NM_001286837	89.57097344	6.006339675	5.40E-07	14.91273859
ZNF142	NR_073600	60.32932513	7.60957996	0.000481699	7.928075589
SSR3	NM_007107	105.066099	6.185164233	1.27E-08	16.9867921
ZNF431	NM_133473	43.03688397	0.902574993	6.48E-05	47.68233589
EIF2B2	NM_014239	58.5320095	12.71484541	0.004917684	4.603438549
ALG11	NR_036571	69.60691528	3.684602763	8.53E-06	18.89129433
TCEANC	NM_001297564	31.03896394	1.332979351	0.00479741	23.28540491
ANKRD10	NM_017664	126.3416091	9.334734263	5.09E-09	13.53456945
HS2ST1	NM_001134492	111.2836343	2.208352479	4.65E-10	50.39215223
MRPL21	NM_181514	99.33442714	10.29054116	3.65E-07	9.652983799
PTPRK	NM_002844	72.71568297	1.031086946	2.71E-07	70.52332808
MRPL12	NM_002949	164.4724099	24.31119281	7.93E-09	6.765295769
RPL9	NM_000661	109.9721823	20.49670494	1.39E-05	5.365359095
METTL21A	NM_145280	96.66281017	5.376729351	8.13E-08	17.9779944
SLC36A4	NM_152313	83.35343807	1.269457204	4.28E-08	65.6606917
TOP1	NM_003286	82.91628738	2.05789323	1.50E-07	40.29183155
HECTD2	NM_001284274	77.57305339	2.393223862	6.24E-07	32.4136219
ADAM9	NR_027638	42.59973328	3.040344133	0.001147826	14.01148404
CAMTA2	NM_015099	86.02505507	18.52449917	0.000376683	4.643853217
SLC27A4	NM_005094	73.15283366	14.25417496	0.000377828	5.132028608
CCDC127	NM_145265	57.65770813	2.955350205	7.84E-05	19.50960263
ZNF837	NM_138466	117.9383204	16.67657887	9.47E-07	7.072093221
MAP3K3	NM_002401	97.97426223	7.793818227	4.61E-07	12.57076562
RAET1E-AS1	NR_045126	72.71568297	8.502087822	7.03E-05	8.552685469
AHI1	NM_001134831	76.69875203	2.826444888	8.52E-07	27.13612155
NSRP1	NM_032141	64.31239418	5.83697493	5.07E-05	11.01810355
ATRN	NM_139322	72.71568297	3.495968387	2.77E-06	20.79986857
AIF1L	NM_031426	109.9234694	12.93193455	6.36E-07	8.500156641
CHRNA7	NM_001190455	109.049168	0.369229202	1.66E-12	295.3427504
CEP76	NR_073537	97.09996085	2.999912617	3.29E-09	32.36759641
NOL12	NM_024313	138.3395291	27.78167281	3.04E-06	4.979524815
PLEKHM1	NR_027782	160.9752043	35.51172222	7.04E-07	4.53301598
CEP57	NM_014679	76.69875203	0.745259011	3.00E-09	102.9155647
DNAJB6	NM_058246	77.13590271	7.269870448	2.40E-05	10.61035451
RBBP5	NM_001193273	82.4791367	3.988468495	7.77E-07	20.67940033
ARHGAP26	NM_015071	38.56795136	3.730092834	0.004055128	10.339676
GRAMD1A	NM_001136199	73.15283366	14.18302336	0.000401783	5.157774318
NFIC	NM_005597	105.9404003	14.54998481	1.77E-06	7.281134771
SNUPN	NM_001042588	48.76855577	6.980830161	0.004574145	6.986068225
JHDM1D-AS1	NR_024451	41.23956835	3.61453901	0.00355948	11.40935766
ATG101	NM_001098673	94.86549455	8.348730016	3.91E-07	11.36286529
PARN	NM_001134477	125.9044585	3.518477171	3.05E-11	35.78379292
ASNS	NM_183356	101.5201806	2.286848471	9.00E-11	44.39305092
CTPS1	NR_125440	70.04406598	12.05021442	0.000232789	5.812682125
LOC100131691	NR_027334	116.6268684	24.85253412	1.15E-05	4.692755588
AURKB	NM_001284526	143.1968996	27.61489025	8.11E-07	5.185495879
C2orf76	NM_001017927	74.95014928	1.754990311	6.63E-07	42.70687354
PHF12	NM_001033561	83.79058876	7.103653344	6.50E-06	11.79542198

ZDHC2	NM_016353	77.13590271	1.048329685	1.83E-07	73.57981348
KIAA0100	NM_014680	118.8126218	10.51174213	1.56E-08	11.30284784
TMEM165	NR_073070	109.9721823	4.705099802	2.30E-09	23.37297548
RPLP1	NM_001003	199.4944428	36.10524082	4.64E-09	5.525359706
RPTOR	NM_020761	107.3005653	10.30802422	3.07E-07	10.40942114
TRMT5	NM_020810	69.60691528	5.772735427	3.33E-05	12.0578738
HAP1	NM_177977	187.059372	16.14135114	6.67E-13	11.58882986
HNRNPAB	NM_004499	203.0403612	36.91107373	1.36E-09	5.500798019
NDUFS1	NM_001199982	41.67671904	1.14694738	0.000541569	36.33708029
CD59	NM_203330	133.8705966	7.373708373	1.12E-10	18.15512492
SUMO1	NM_001005781	129.8875276	4.425638205	2.31E-11	29.34888067
STAG2	NM_001282418	49.20570646	1.228425929	3.65E-05	40.05590023
BBS7	NM_176824	54.11178977	0.738757872	2.43E-06	73.24698905
SNRNP200	NM_014014	137.4165149	9.434083185	4.17E-10	14.56596388
ERICH1	NM_207332	87.33650713	2.566793195	3.65E-08	34.02553322
NUBP1	NM_001278506	75.82445064	6.739236384	1.48E-05	11.25119321
NSMAF	NM_003580	144.5083517	2.876624961	1.16E-13	50.23538128
SLMO2-ATP5E	NR_037930	79.37036901	12.60859561	0.000104223	6.294941283
NOTCH2NL	NM_203458	171.1270958	5.246649109	1.13E-14	32.61645524
PRDX1	NM_181696	139.6509813	16.55850882	7.78E-09	8.433789708
SMARCA4	NM_001128849	127.2159105	10.99365063	5.64E-09	11.57176218
UEVLD	NM_001040697	109.049168	2.722041698	3.23E-10	40.06153472
BCL2L2-PABPN1	NM_001199864	65.62384623	13.33734413	0.001668642	4.92030839
SH2D4A	NM_001174160	84.22773945	1.841218025	1.21E-07	45.74566309
MAP3K8	NM_005204	59.40631088	3.374684532	1.62E-05	17.60351532
CHKA	NM_212469	102.8316327	6.495034957	2.38E-08	15.83234476
RNF103	NM_001198951	76.69875203	7.050943337	1.31E-05	10.87780008
OCIAD2	NM_001286774	76.69875203	3.074196168	1.67E-07	24.94920553
KAT6A	NM_001099413	85.10204081	2.694580679	1.10E-07	31.58266571
ZNF600	NM_198457	49.20570646	1.723982735	0.00011435	28.54187891
MAP3K14-AS1	NR_110326	79.37036901	17.97171302	0.000981526	4.41640532
RAD51D	NR_037711	75.82445064	3.289894783	1.15E-06	23.04768257
CKAP5	NM_001008938	100.2087285	4.251347288	4.28E-08	23.57105213
NDUFV3	NM_001001503	124.1558557	3.467874738	7.23E-12	35.80171289
BSDC1	NM_001300958	88.2108085	9.919809018	7.85E-06	8.892389797
ZNF646	NM_014699	136.9793643	16.78057838	3.47E-08	8.162970379
SOD2	NM_001024465	111.7207851	7.206891275	3.98E-09	15.50193846
NUDT12	NM_001300741	69.1697646	2.017090357	3.48E-07	34.29185229
RPSA	NM_002295	157.3805731	14.00251078	7.99E-11	11.23945381
MTO1	NM_012123	73.15283366	1.961275558	4.34E-07	37.29860057
RDH11	NM_001252650	79.8075197	7.792447937	7.31E-06	10.2416494
SYNJ1	NM_003895	63.43809281	1.769511941	1.25E-05	35.85061584
AK3	NM_016282	123.2328415	4.625444407	9.05E-11	26.64237868
MINA	NM_153182	118.8126218	1.763275186	1.35E-12	67.38178062
MBD3	NM_001281453	198.5714286	28.00055494	4.03E-11	7.091696181
LATS1	NM_004690	147.1799686	3.606475674	5.73E-13	40.80991581
KIAA1586	NM_001286276	105.066099	2.901355198	3.87E-11	36.21276673
ABCD4	NM_005050	71.40423091	14.1340221	0.000597704	5.05193995
TEX22	NM_001195082	126.3416091	17.10548589	2.16E-07	7.386028666
SAFB	NM_002967	82.91628738	8.649891109	6.97E-06	9.585818635
FAM161A	NM_032180	69.60691528	4.843246925	1.79E-05	14.37195261
UBL7	NM_201265	104.1917976	10.70050882	2.66E-07	9.737088148
ADI1	NM_018269	107.3005653	4.469991743	1.13E-09	24.00464507
WDR5	NM_017588	113.4693878	11.32494183	4.22E-08	10.01942345
EZR	NM_001111077	155.5832575	17.28962571	7.16E-10	8.998648097
CDC6	NM_001254	106.4262639	10.77292157	5.84E-07	9.879053069
GLCCI1	NM_138426	104.6289483	1.384232315	6.88E-10	75.58626334
AGRN	NM_198576	93.99119317	20.46878148	0.000105905	4.591929092
RPP25L	NM_148179	153.8346547	37.17692069	1.08E-05	4.137907387
SNX1	NM_003099	49.20570646	6.388617989	0.001527519	7.702089332
RAPGEF6	NM_016340	61.64077717	2.056465166	1.68E-05	29.97414116
TRMT10A	NM_152292	33.27343024	0.492907265	0.000138016	67.50444274

PAK4	NM_005884	87.33650713	11.06764286	1.01E-05	7.891156973
ERVMER34-1	NM_001242690	47.45710371	1.536539304	2.46E-05	30.88570763
ZCWPW1	NM_017984	98.89727652	4.630500965	1.44E-08	21.35779201
MFGE8	NM_001114614	110.8464837	17.50582391	3.18E-06	6.331977531
ACBD3	NM_022735	61.2036265	5.905177246	0.00014369	10.36440126
CDCA7L	NM_001127371	127.7017741	3.938131819	3.51E-11	32.4269933
FOXM1	NM_001243088	148.05427	7.024259554	1.41E-12	21.07756254
ALOX15P1	NR_045985	44.78548671	4.549854197	0.001697852	9.843279537
EP300	NM_001429	83.35343807	5.443025423	1.54E-06	15.31380649
RNF216	NM_207116	68.29546324	5.994119506	3.27E-05	11.39374401
TIFA	NM_052864	125.0673077	6.367979958	2.24E-10	19.70284275
VPS26A	NM_001035260	109.049168	3.93984046	3.47E-09	27.67857459
DNM2	NM_004945	139.6509813	10.40634225	6.37E-10	13.41979515
PPM1B	NM_002706	70.91836734	4.444242115	1.38E-05	15.9573591
RWDD3	NR_103484	95.30264523	3.690485593	8.06E-09	25.82387678
EIF4ENIF1	NM_019843	51.00302207	5.995040547	0.00085892	8.507535799
RPAP3	NM_001146076	100.6458792	3.261462259	2.11E-09	30.85912735
FAM219A	NM_001184943	79.8075197	7.886010995	1.30E-05	10.12013802
IRS2	NM_003749	92.19387756	3.536555646	8.85E-08	26.06883272
KDELR1	NM_006801	116.5781554	16.68191741	5.87E-07	6.988294724
ATF7IP2	NR_045816	49.69157001	0.317594952	1.06E-05	156.4620903
SH3TC2	NM_024577	43.91118534	2.541664844	0.001067029	17.27654433
HIST1H2BK	NM_080593	44.78548671	5.903627531	0.004803848	7.586096257
CCSER1	NM_001145065	71.40423091	0.992253297	3.11E-07	71.96169681
NARF	NM_012336	132.1707067	14.06133355	8.38E-09	9.399585482
CDKN2AIPNL	NM_080656	122.3585401	13.19355615	4.22E-08	9.274113717
PDE7A	NM_001242318	79.8075197	1.980916856	3.31E-07	40.28817236
MSH4	NM_002440	83.79058876	2.335603875	1.84E-07	35.87534241
ZNF783	NM_001195220	43.47403467	3.934242769	0.003553981	11.05016574
VAX2	NM_012476	76.26160134	8.01097424	1.86E-05	9.519641314
EIF2B3	NM_001261418	37.2564993	3.840363576	0.003897349	9.701294828
ADCK1	NM_020421	44.39704891	1.591975063	0.000581265	27.88803037
DEPDC5	NM_001242897	61.2036265	2.978915024	3.15E-05	20.54561006
TPTE2P5	NR_038258	43.03688397	0.657204004	0.000106253	65.48481706
DDX31	NM_022779	101.0830299	5.78756249	4.28E-08	17.46556173
MCU	NM_001270679	114.8295527	3.275087466	3.29E-10	35.06152245
DHCR24	NM_014762	115.2667034	10.11156236	5.52E-08	11.39949488
TRIM36	NM_001300759	37.2564993	2.063219368	0.003037408	18.05745908
IFT74	NM_001099223	71.8413816	0.901917052	1.10E-07	79.65408949
MRPL36	NM_032479	79.37036901	17.86802513	0.002045189	4.442033658
LRP11	NM_032832	68.29546324	5.962391431	2.49E-05	11.45437431
PTPN13	NM_080684	56.34625608	2.261445877	5.87E-05	24.91603122
MAD2L2	NM_006341	80.68182108	16.51749727	0.000546481	4.884627481
TMEM219	NM_194280	83.79058876	7.604681623	8.75E-06	11.01829017
ZMYM6NB	NM_001195156	114.8295527	21.4818523	8.39E-06	5.345421387
MTMR14	NM_001077526	69.60691528	8.340924357	0.000120203	8.345227975
IKKBK	NR_040009	52.31447414	7.478989857	0.003078561	6.994858282
TBC1D31	NM_145647	129.4990898	4.077262201	8.12E-11	31.76128574
TOPORS	NM_001195622	58.09485881	0.131361377	3.86E-08	442.2522069
PTPLAD1	NM_016395	83.35343807	4.053200254	9.93E-07	20.56484577
ZNF567	NM_001300979	71.8413816	1.928322103	6.88E-07	37.25590319
PARK7	NM_007262	140.0881319	8.457562996	1.28E-10	16.5636522
TIMM23	NM_006327	68.73261391	4.533638277	1.80E-05	15.1605862
LOC100996437	NR_110037	144.071201	11.27732933	2.46E-10	12.77529429
MAPK8IP3	NM_001040439	98.41141291	13.88290849	7.81E-06	7.088674032
HSPB8	NM_014365	38.13080067	1.274931376	0.00128108	29.90812006
AKAP9	NM_147185	56.78340675	2.014214638	5.49E-05	28.19133853
PPFIBP1	NM_177444	76.26160134	3.367344029	8.43E-07	22.64740421
SLC13A5	NM_001143838	43.91118534	5.724926775	0.004186456	7.670174147
PTP4A1	NM_003463	97.09996085	17.58904434	3.78E-05	5.520479624
ASB3	NM_016115	41.23956835	3.633458832	0.002137766	11.34994788
TM2D2	NM_001024380	54.54894044	0.738452292	6.56E-07	73.86928175

RPS20	NM_001146227	182.2020017	25.42490115	3.69E-10	7.166281617
H1FX-AS1	NR_026991	147.1799686	18.99704468	1.18E-08	7.747519215
SPTLC1	NM_006415	83.79058876	5.080933376	1.49E-06	16.49118037
KCNK1	NM_002245	113.0322371	3.175781219	1.11E-10	35.59194708
RBMX	NM_001164803	69.60691528	7.997390811	5.70E-05	8.703703112
DHRS12	NM_001031719	100.6458792	6.767575281	1.51E-07	14.8717783
DEF8	NM_001242822	87.33650713	19.75152435	0.000444336	4.421760344
RUFY1	NM_025158	208.772033	11.19517228	5.03E-16	18.64839841
DHX35	NM_001190809	86.46220574	1.829297519	5.79E-08	47.26525065
ADNP-AS1	NR_110009	88.2108085	8.701860464	4.01E-06	10.13700563
FLT3	NM_004119	31.47611462	1.230041428	0.001904198	25.5894752
CSPP1	NM_024790	100.2087285	4.234668931	4.75E-08	23.66388735
NME1	NM_000269	134.7936109	16.51155834	1.59E-08	8.163591107
LEO1	NM_001286430	116.1410048	4.205626153	3.23E-10	27.61562738
RNF8	NM_183078	119.6869232	5.092475306	3.07E-10	23.50270075
EFTUD1	NM_001040610	68.73261391	1.840634093	4.05E-06	37.3418129
EXOC1	NM_001024924	82.4791367	2.590030829	1.06E-07	31.84484747
CCDC43	NM_144609	83.79058876	0.889599487	3.21E-10	94.18911544
SMARCAD1	NM_001128429	59.40631088	2.649556674	2.59E-05	22.42122671
KAT2A	NM_021078	112.5950864	26.32134471	5.12E-05	4.277710262
ANO10	NM_018075	63.82653061	1.628065397	1.66E-05	39.20391081
C11orf65	NM_152587	82.91628738	1.758060352	1.18E-07	47.16350452
TERF1	NM_017489	90.00812411	1.36403878	2.84E-09	65.98648472
TMEM161B	NM_001289008	53.67463907	2.947118517	9.04E-05	18.21258248
ARPC1B	NM_005720	125.9044585	21.82512315	1.00E-06	5.768785707
FAM160A2	NM_032127	67.85831254	5.945287278	1.77E-05	11.41379876
DPYSL5	NM_001253723	76.69875203	5.820158305	5.31E-06	13.17812128
UGGT1	NM_020120	55.4719547	2.130185895	9.12E-05	26.04089851
LOC255187	NR_122044	37.2564993	4.026977767	0.003528359	9.251727091
FAM86B1	NR_003494	52.31447414	4.059035153	0.000380534	12.88840135
XBP1	NM_005080	116.1410048	17.02485521	9.44E-07	6.821849778
DNAJC21	NM_194283	71.8413816	4.142836701	8.57E-06	17.34110871
IL27RA	NM_004843	72.27853228	6.924312042	4.42E-05	10.43837017
FKBP9	NM_007270	105.5519625	4.683830448	8.02E-09	22.53539355
EIF5	NM_001969	101.5201806	22.15905068	0.000101532	4.581431852
FECH	NM_000140	58.96916018	2.25863844	1.64E-05	26.10827795
ZBTB37	NM_001122770	93.99119317	6.449295603	2.55E-07	14.57386961
POLDIP2	NM_001290145	79.37036901	12.32730389	8.60E-05	6.43858298
CCNI	NM_006835	68.29546324	7.805076468	9.74E-05	8.750133778
NOTCH1	NM_017617	136.9793643	19.52845586	6.21E-08	7.014346924
PPP1R21	NM_001135629	83.79058876	1.059378443	5.45E-08	79.094104
ORC6	NR_037620	143.6340504	2.686657507	3.47E-15	53.46198762
FAM111B	NM_001142704	47.8942544	3.072691299	0.00018071	15.58707001
FASTKD3	NR_036553	40.80241766	0.813006467	0.000186642	50.18707639
ZNF451	NM_001257273	58.09485881	6.559855181	0.000769822	8.856119108
FAM45A	NM_207009	154.2718054	6.068239157	1.02E-12	25.42282883
ATXN7L1	NM_020725	69.60691528	5.410945779	3.39E-05	12.86409403
CORO1C	NM_001276471	68.73261391	3.622585787	4.45E-06	18.97335714
GMPR	NM_006877	87.33650713	5.122956913	3.80E-07	17.04806591
RBM23	NM_018107	95.73979591	7.348651038	1.63E-07	13.02821367
KIAA0226	NM_014687	51.00302207	6.89355819	0.000910415	7.398649676
EDRF1	NR_110859	54.11178977	6.475185727	0.000479688	8.356793465
PELI3	NM_001243136	73.58998434	17.60108399	0.001998171	4.180991602
DNA2	NR_102264	47.01995303	4.316469687	0.00258865	10.89315029
TCTN1	NM_024549	73.15283366	4.733560389	5.77E-06	15.45408269
FASN	NM_004104	227.8617898	40.47028657	4.04E-11	5.630347822
GNE	NM_005476	89.57097344	4.684589759	3.00E-07	19.12034523
PRRG1	NM_000950	42.55102041	0.787736402	0.00010811	54.01682635
ZNF322	NM_001242798	48.81726865	4.864549187	0.001218342	10.03531196
CEP70	NM_001288966	47.01995303	2.446094866	0.000590465	19.22245685
ZSCAN20	NM_145238	55.86039251	4.26499376	0.0001784	13.09741483
ARFIP1	NM_001025593	82.4791367	3.588005202	2.35E-07	22.98746297

UGP2	NM_001001521	97.97426223	3.976693935	4.54E-08	24.6371141
RFX2	NM_000635	48.76855577	6.553172418	0.001673134	7.441976596
TSGA10	NM_025244	47.8942544	3.566767972	0.000365383	13.42791423
FITM2	NM_001080472	43.91118534	3.139385651	0.000879024	13.98719056
CEBPA	NM_004364	197.6971272	30.65291005	5.52E-10	6.44953862
KLF5	NM_001730	56.29754319	6.181219717	0.000192131	9.107837251
RPGR	NM_000328	26.6187442	0.341718155	0.004232265	77.89678074
ABHD6	NM_020676	73.15283366	4.013535167	6.97E-06	18.22653362
TEX264	NR_103463	106.8634146	12.26801057	1.20E-06	8.710737084
FOXRED2	NM_001102371	121.9213894	12.86587716	2.93E-08	9.476337133
PYGO2	NM_138300	157.3805731	25.71901335	2.86E-08	6.119230587
ZFAND1	NR_033193	107.737716	3.642576942	6.05E-10	29.57733432
CDNF	NM_001029954	49.20570646	1.431580051	7.92E-05	34.37160669
SPNS1	NM_001142448	58.96916018	12.16260712	0.00346772	4.848398014
C10orf88	NM_024942	108.6120173	7.904782065	1.98E-08	13.74003944
BCAS2	NM_005872	56.78340675	3.602785275	0.000102753	15.76097448
UBE2K	NM_001111112	100.6458792	5.103012653	4.25E-08	19.72283552
LUC7L3	NM_006107	113.08095	8.125849561	8.69E-09	13.91620028
UPK3A	NM_006953	61.64077717	12.26223466	0.002191058	5.026879592
SMAD5	NM_005903	98.41141291	3.153194467	4.59E-09	31.21006774
RPS13	NM_001017	168.0183282	27.30088925	2.01E-08	6.154317049
PCMTD2	NM_018257	144.5083517	4.365654252	1.01E-13	33.1011902
ZNF14	NM_021030	40.36526697	0.951322545	0.000625058	42.43068472
MRE11A	NM_005590	36.8193486	2.172234485	0.003464077	16.94998807
FAM154B	NM_001008226	72.27853228	6.58145135	4.42E-05	10.98215704
GALNT10	NM_198321	123.6699922	2.877435154	5.45E-11	42.97924562
RTF1	NM_015138	115.7038541	5.219929882	1.81E-09	22.16578704
YAF2	NR_034000	63.82653061	0.867708365	6.16E-07	73.5575836
PXYLP1	NM_152282	56.29754319	7.101819547	0.001070546	7.927199898
IP6K1	NM_153273	118.375471	4.371291367	7.94E-10	27.08020607
ACP6	NM_016361	59.40631088	5.502675223	0.000109536	10.79589626
KAT6B	NM_001256468	40.80241766	3.696110509	0.002218359	11.0392851
UHRF1BP1	NM_017754	186.6222214	4.846317748	5.02E-16	38.5080449
TMEM161B-AS1	NR_039994	59.84346156	1.101024985	2.52E-06	54.35250098
MSRB3	NM_198080	52.31447414	2.441342195	0.000195415	21.42857083
FAM134C	NM_178126	86.02505507	7.323027728	2.91E-06	11.74719778
NPHP4	NM_015102	54.11178977	5.461442344	0.000543759	9.907966863
ARHGEF10L	NM_018125	80.2446704	9.221607143	1.57E-05	8.701809691
PHACTR2	NM_001100164	40.80241766	2.617689088	0.002128078	15.58719018
LEPROTL1	NM_015344	97.53711154	4.284327052	5.18E-09	22.76602844
PHKG2	NM_001172432	79.37036901	19.53964204	0.00086725	4.062017556
MTPN	NM_145808	58.5320095	0.296216602	2.40E-07	197.5986798
ZNF589	NM_016089	93.11689181	5.448110315	6.91E-08	17.09159441
NAE1	NM_001286500	140.0881319	4.49953519	1.18E-12	31.13391184
PAICS	NM_001079525	64.74954487	5.543333367	3.34E-05	11.68061536
HEBP1	NM_015987	58.5320095	4.791918426	0.000197293	12.21473412
UBE2J2	NM_194315	94.42834386	22.01600863	0.000231955	4.289076438
UBE2A	NM_003336	54.98609113	4.925074134	0.000194762	11.1645205
NIT2	NM_020202	97.53711154	5.951559351	1.46E-07	16.38849683
DUSP4	NM_001394	91.31957618	9.023667756	2.85E-06	10.12000648
C12orf49	NM_024738	149.8515857	5.781200753	1.20E-12	25.92049508
BTAF1	NM_003972	86.89935644	2.355641633	9.40E-08	36.88988819
U2AF2	NM_007279	128.5760755	23.15916822	1.79E-06	5.551843414
KNOP1	NM_001012991	69.1697646	10.81498843	0.000254987	6.395731726
PLBD2	NM_001159727	74.95014928	9.228106577	3.45E-05	8.121942313
PCYOX1L	NM_001301054	87.33650713	16.04549205	6.21E-05	5.44305571
TRAPPC3	NR_073097	77.1846156	4.86037926	1.04E-06	15.88036889
SLC35C2	NM_001281460	134.744898	12.35048531	1.76E-09	10.91008933
USP39	NM_001256726	103.754647	7.41823609	8.92E-08	13.98643097
LINC00910	NR_027412	127.7030394	9.569883291	1.28E-09	13.34426299
PXK	NM_001289100	53.18877551	4.341185013	0.000509777	12.25213285
ELF2	NM_001276458	98.41141291	6.465021585	2.14E-07	15.22213215

FNDC3B	NM_022763	145.8685166	3.372652275	6.26E-13	43.25038715
TUBB3	NM_006086	231.8448589	39.05292919	3.58E-11	5.936682949
CD83	NM_004233	77.13590271	0.903733374	7.87E-09	85.35249993
WAC	NM_100486	84.22773945	4.313689678	1.44E-06	19.52568352
SREK1	NM_139168	77.13590271	2.377390033	2.67E-07	32.44562383
RBMS1	NM_002897	65.62384623	2.549022095	9.58E-06	25.74471455
TBP	NM_001172085	77.13590271	4.003969476	1.36E-06	19.26485783
TUBGCP2	NM_001256618	87.33650713	4.629669635	2.12E-07	18.86452253
IQGAP1	NM_003870	105.9404003	4.729755936	1.45E-08	22.3987034
APBA3	NM_004886	117.9383204	12.90395197	1.60E-07	9.139705471
ARRDC3	NM_020801	56.78340675	11.15263445	0.002535935	5.09147924
ZFX	NM_001178085	95.73979591	2.544044982	5.02E-09	37.63290216
ABHD12	NM_001042472	47.45710371	5.360365607	0.001614313	8.853333372
WDR4	NR_048535	114.8295527	13.34954242	2.32E-07	8.601759453
ZNF107	NM_001013746	88.2108085	3.15959813	3.04E-08	27.91836331
MTRF1L	NM_001114184	97.09996085	9.717125954	8.15E-07	9.992662574
PMS1	NR_110332	157.3805731	3.080300905	1.41E-14	51.09259712
SLC35D2	NR_104627	97.97426223	5.486699887	7.31E-08	17.8566833
PRDM11	NM_001256696	70.96708023	7.45574819	7.30E-05	9.518438447
ZMYND11	NM_001202464	127.6530613	1.436916491	3.61E-12	88.83819075
CEP95	NM_138363	174.2358636	10.77597684	2.28E-13	16.16891594
NBN	NM_002485	149.414435	2.017148203	8.16E-15	74.07211568
CXorf40A	NM_001171907	54.98609113	6.875603268	0.000770447	7.997275146
DST	NM_001144769	86.02505507	2.315499898	1.58E-07	37.15182848
UBAC1	NM_016172	94.86549455	8.124700517	5.08E-07	11.67618355
BAX	NM_001291431	140.0881319	31.22316532	4.91E-06	4.486672972
ASH1L	NM_018489	51.44017277	3.770852098	0.000207422	13.64152489
BARD1	NR_104212	86.89935644	1.715266707	5.92E-08	50.66229998
PKIB	NM_181794	48.76855577	0.800414298	3.83E-05	60.92914117
PCMT1	NM_001252051	81.60483533	4.02238553	1.17E-06	20.28767126
UBE2R2	NM_017811	101.5201806	7.148409349	1.60E-07	14.20178611
GALNT11	NM_022087	84.66489013	3.465402552	1.11E-07	24.43147336
UBLCP1	NM_145049	97.09996085	5.829856258	1.60E-07	16.6556355
SP2	NM_003110	106.4262639	12.4212357	1.21E-06	8.568089877
HDHD1	NM_001178135	45.65978809	1.625122818	0.000529416	28.09620761
PIKFYVE	NM_001178000	140.5252827	1.274041068	4.44E-15	110.2988642
RACGAP1	NM_001126104	84.22773945	5.151937442	9.66E-07	16.34875043
LOC100499484-C9ORF174	NR_036529	107.737716	5.209592054	9.01E-09	20.68064349
SACS	NM_001278055	37.2564993	0.666622971	0.000250334	55.88841203
AFAP1	NM_001134647	46.14565165	4.955938048	0.002905826	9.31118412
BBS9	NM_014451	31.03896394	0.355863879	0.002014085	87.22145107
COPB2	NR_023350	100.2087285	0.097940083	4.72E-16	1023.163608
AMZ2	NM_001289056	156.069121	14.16309855	9.80E-11	11.01941927
FKBP3	NM_002013	68.73261391	7.34615391	7.76E-05	9.35627197
MPP6	NM_016447	84.22773945	1.414051416	1.27E-07	59.56483514
CRBN	NM_001173482	33.71058093	0.836860537	0.000463234	40.28219692
VWA5A	NM_014622	38.13080067	1.618595065	0.002427871	23.55796178
CLASP1	NM_001142273	78.93321834	3.238987249	5.16E-07	24.36972185
BLCAP	NM_006698	109.049168	15.09189345	1.08E-06	7.225678366
EIF3J-AS1	NR_034170	108.6120173	26.40057239	0.000193322	4.114002368
KDEL2	NM_006854	98.41141291	10.09851802	1.22E-06	9.745134155
PLCXD2	NM_153268	62.07792787	4.4975097	1.00E-04	13.80273352
TAF6L	NM_006473	66.49814761	14.96801688	0.003936517	4.442682564
BAZ2A	NM_001300905	70.91836734	7.094731215	5.76E-05	9.995920239
GOT2	NM_002080	95.3513581	3.932410894	4.06E-08	24.24755721
MRRF	NM_138777	51.44017277	2.256128114	0.000143145	22.80020025
TRPC1	NM_003304	73.15283366	3.118415228	1.19E-06	23.45833647
ATPAF2	NM_145691	88.2108085	8.487514624	1.38E-06	10.39300813
RHOBTB1	NM_014836	56.29754319	0.867733799	2.45E-06	64.878818
MRPS35	NM_001190864	93.55404248	3.044989696	7.68E-09	30.72392744
PMS2L2	NR_003614	97.09996085	0.369666934	1.42E-13	262.6687753
CENPU	NR_104593	88.2108085	1.439475369	7.05E-09	61.27983182

EIF4H	NM_022170	176.8587677	7.902737332	3.05E-14	22.37943136
TMEM194A	NM_015257	86.02505507	3.169899897	1.69E-07	27.13809832
MSL1	NM_001012241	50.5658714	8.135706906	0.002288597	6.215301507
ANGEL2	NM_144567	72.27853228	4.928184417	8.29E-06	14.66636111
GCFC2	NM_003203	102.4431948	1.750144063	4.22E-10	58.53414983
ADH5	NM_000671	101.5201806	4.461741421	3.00E-09	22.75348816
PGAM5	NM_001170543	144.071201	18.10034143	2.02E-08	7.959584717
RAI14	NM_001145522	94.42834386	1.040698432	8.16E-10	90.73554927
KANSL1L	NM_152519	101.5201806	2.266606414	2.65E-09	44.78950556
PDCD6IP	NM_001162429	172.0013972	1.589847406	2.88E-17	108.1873623
LAMC2	NM_018891	65.18669554	3.768442018	7.16E-06	17.29804923
STAT3	NM_139276	62.51507855	6.502998771	9.38E-05	9.613269317
LUC7L2	NM_001270643	110.8464837	4.192640595	2.66E-09	26.43834623
GSN	NM_001127666	69.60691528	12.1239581	0.00043958	5.741269865
ZNF791	NM_153358	55.42324183	6.444271973	0.001331707	8.600388384
LOC101927021	NR_110068	117.9383204	14.24049806	1.77E-07	8.281895754
PTPN12	NM_002835	35.94504724	1.607685533	0.003456673	22.35825757
BCS1L	NM_001257342	66.06099693	15.95281226	0.0044314	4.141025159
ERCC1	NM_001983	82.91628738	17.77249649	0.000567896	4.665427134
ESRP1	NM_001034915	49.69157001	5.968074401	0.001579884	8.326231657
TSC22D4	NM_030935	79.37036901	18.17583042	0.000839262	4.366808403
LCMT1	NM_016309	46.14565165	4.872796786	0.002684206	9.470054608
EIF4E2	NM_004846	101.9573313	7.221126045	4.48E-08	14.11931195
C10orf32-ASMT	NR_037644	127.7017741	5.563758422	6.43E-11	22.95242971
MCCC1	NR_120640	40.80241766	2.991099866	0.002021113	13.64127561
TYRO3	NM_006293	73.58998434	11.65598273	0.00011435	6.313494626
AKR1A1	NM_006066	56.34625608	9.85486379	0.002655783	5.717608815
DHDDS	NM_024887	58.09485881	6.401018326	0.000259037	9.075877595
LRRFIP1	NM_001137552	70.04406598	6.934619766	7.13E-05	10.10063541
MTF2	NM_001164393	93.55404248	4.862003279	1.13E-07	19.24187153
GDPGP1	NM_001013657	83.79058876	7.225219699	4.74E-06	11.59696068
NDUFAB1	NM_005003	72.27853228	8.096033248	3.92E-05	8.927647661
TBCD	NM_005993	95.78850885	11.69673774	2.49E-06	8.189335434
SSR4	NM_001204527	87.77365781	13.73728117	4.83E-05	6.389449028
SET	NM_001248001	59.84346156	9.12689211	0.000813189	6.55682798
ASCC1	NM_001198800	92.24259043	4.145959201	2.68E-07	22.24879357
BCLAF1	NM_001301038	70.96708023	6.458113621	5.43E-05	10.98882497
ANXA6	NM_001155	54.54894044	5.529372787	0.000487929	9.865303452
TMX1	NM_030755	73.58998434	1.745068729	8.16E-08	42.17024986
HSCB	NM_172002	93.99119317	5.911649781	1.76E-07	15.89931688
NFKBID	NM_139239	74.95014928	12.68376723	0.000287906	5.909139448
HNRNPU	NM_004501	138.7766799	12.57895937	4.92E-10	11.0324452
C1orf174	NM_207356	80.2446704	7.882202136	1.72E-05	10.18048878
CCT6P1	NR_003110	102.394482	6.207436924	1.74E-08	16.49545267
FAM217B	NM_001190827	115.2667034	1.326724643	9.47E-14	86.88065303
MED4	NM_001270629	71.8413816	1.473958455	1.56E-07	48.7404386
ZNF34	NM_001286769	111.7694979	8.569999747	3.08E-08	13.0419488
PDCD2	NM_001199461	139.6509813	20.37553031	1.20E-07	6.853857503
HERPUD1	NM_001010989	157.3805731	9.300233377	3.13E-12	16.92221762
HINFP	NM_198971	90.8824255	8.257732756	1.93E-06	11.00573586
H2AFV	NM_012412	168.9413424	6.322202067	2.02E-14	26.72191439
LOC493754	NR_111973	132.9962952	8.904667768	2.55E-10	14.93557072
TFRC	NM_003234	167.5811775	8.541348066	5.44E-13	19.61999163
FBXL2	NM_012157	53.67463907	2.928891497	1.00E-04	18.32592266
CSTB	NM_000100	179.9675353	34.13604493	3.26E-08	5.272067566
INTS8	NR_073445	151.2117506	5.603842042	5.88E-13	26.98358545
TOR3A	NM_022371	78.49606764	12.24172428	0.00017587	6.412174121
EMID1	NM_001267895	83.79058876	9.121089025	7.48E-06	9.186467594
CAPN2	NM_001748	111.7207851	10.36164667	1.30E-07	10.78214579
C16orf13	NR_109976	67.37244898	14.68789772	0.002378352	4.586936147
ATL2	NR_024191	141.399584	4.937618236	8.84E-12	28.63720466
COA1	NM_018224	75.82445064	5.544259921	5.10E-06	13.67620778

SRP72	NM_001267722	42.59973328	2.332726338	0.00081531	18.26177919
FAM13B	NM_001101801	155.1461068	4.056738994	4.11E-13	38.24404454
ANLN	NM_001284301	111.7207851	2.41676181	1.64E-10	46.22747041
DYNLRB1	NM_001281728	100.2087285	8.655707846	1.42E-07	11.57718471
LPIN2	NM_014646	27.49304557	1.16648488	0.003668376	23.5691401
SNX9	NM_016224	98.8485636	4.392981771	4.66E-08	22.50147366
SDF2	NM_006923	111.7207851	9.769722132	3.26E-08	11.43541071
RMDN1	NM_016033	101.0830299	4.840493604	2.12E-08	20.88279382
ETV3	NM_001145312	93.55404248	8.032616862	1.04E-06	11.64677017
AHCYL2	NM_015328	70.04406598	3.732451637	3.00E-06	18.76623538
PSME4	NM_014614	70.04406598	1.734119324	1.87E-06	40.39172219
TRIM21	NM_003141	47.45710371	2.506507638	0.000319408	18.9335564
CDK2	NM_001798	94.4770567	7.60298799	1.87E-07	12.42630619
TBCCD1	NM_018138	114.392402	4.98281714	3.56E-10	22.95737507
REEP1	NM_001164731	84.66489013	4.826507452	9.19E-07	17.54164703
TAPT1	NM_153365	109.049168	0.521731509	4.05E-13	209.0139585
NRDE2	NM_017970	56.73469387	3.351716111	4.55E-05	16.92705825
ZAK	NM_016653	70.52992954	3.11588576	2.87E-06	22.63559545
PRPF18	NM_003675	57.65770813	0.883450669	1.34E-06	65.26420793
LINC01003	NR_027387	133.4334458	29.22476752	4.02E-05	4.565765862
BLOC1S2	NM_001282439	239.3738462	8.182152131	1.86E-21	29.25560933
ZNF823	NM_001080493	47.01995303	5.261950569	0.001991569	8.935840884
AFMID	NR_027083	60.32932513	13.31808989	0.003665474	4.529878204
DAP	NM_001291963	105.066099	5.039533504	1.27E-08	20.84837791
PPP2R5E	NM_006246	58.09485881	2.06698197	5.52E-05	28.10612751
EPB41	NM_203343	36.8193486	3.602092022	0.003982043	10.22165685
PSMC2	NM_001204453	76.26160134	5.519601944	7.65E-06	13.81650382
PLEKHH1	NM_020715	83.35343807	8.085015109	7.32E-06	10.30962057
PRKCD	NM_006254	137.4165149	11.78093094	2.46E-09	11.66431716
ENAH	NM_018212	129.8875276	3.794303482	1.58E-11	34.2322453
MINOS1	NR_033758	83.35343807	5.837894537	9.82E-07	14.27799655
GTSE1-AS1	NR_024009	93.55404248	19.41783538	0.00065341	4.817943949
CAD	NM_004341	121.4842387	12.33321481	3.71E-08	9.850168067
HIBADH	NM_152740	104.6289483	2.395981742	1.38E-09	43.66850816
LAMA5	NM_005560	97.97426223	18.35492298	6.99E-05	5.337764824
IPO8	NM_006390	36.38219793	1.166424431	0.000425855	31.19121734
SRXN1	NM_080725	115.7038541	21.92780522	8.23E-06	5.276581626
AGPAT2	NM_006412	104.6289483	20.67028997	2.78E-05	5.061803604
CCP110	NM_001199022	54.98609113	5.275479103	0.000402446	10.42295686
HEATR3	NM_182922	51.00302207	1.327827021	7.96E-05	38.41089333
RNF216P1	NR_023385	50.5658714	3.575527235	0.000114199	14.14221402
PDHX	NM_003477	79.8075197	2.487122669	2.85E-07	32.08829251
RNF122	NM_024787	43.91118534	2.467242769	0.000596528	17.79767516
LRIG2	NM_014813	129.0132262	3.282008718	3.49E-12	39.30922713
ZBTB8OS	NM_178547	36.8193486	3.411806327	0.003082994	10.79174639
ZDHHC21	NM_178566	62.07792787	1.787697542	1.14E-05	34.72507313
LRPPRC	NM_133259	112.2066486	4.757431334	4.30E-09	23.58555293
ARPC5	NM_005717	58.96916018	10.95135263	0.001231414	5.38464628
TMCO4	NM_181719	112.1579357	7.342832316	3.08E-08	15.27447869
C12orf65	NM_001194995	51.00302207	6.847438936	0.002585684	7.448481476
LOC100288181	NR_038925	145.431366	15.27599197	1.86E-09	9.520256769
WDR55	NM_017706	82.4791367	10.91789893	2.22E-05	7.55448802
POLR3C	NM_006468	71.8413816	3.186760411	3.82E-06	22.54370343
DTNBP1	NM_001271669	62.51507855	2.874370256	1.65E-05	21.74913911
DNTTIP1	NM_052951	136.5422136	7.355936224	2.18E-11	18.56218019
SUMF2	NM_001042469	111.2836343	5.743223993	3.42E-09	19.37650951
ZDHHC7	NM_001145548	154.7089561	10.86301261	1.77E-11	14.2418095
RRM1	NM_001033	45.22263741	5.389134376	0.002565602	8.391447356
KCTD20	NM_001286580	58.96916018	6.617141355	0.00015397	8.911576317
ITGA1	NM_181501	31.52482751	1.169787078	0.002047778	26.94920137
SEC23IP	NR_037771	136.1050629	4.233523187	7.30E-12	32.14936044
ZC3H14	NM_001160103	90.8824255	1.868486425	8.73E-09	48.63959636

SBK1	NM_001024401	131.1989796	12.02458123	7.71E-09	10.91089802
CCDC82	NM_024725	108.6120173	2.487872529	1.24E-10	43.65658452
FLJ31306	NR_029435	89.13382275	6.101602646	2.93E-07	14.60826408
RCOR3	NM_001136223	105.5032497	2.752362617	6.32E-10	38.33188586
CHCHD7	NM_024300	131.2476924	11.81600111	2.11E-09	11.10762357
RGS9BP	NM_207391	54.54894044	8.825122051	0.003195438	6.181097568
HMGCR	NM_001130996	97.53711154	3.483347915	1.47E-08	28.00096744
VDR	NM_000376	125.9044585	9.279403046	1.49E-09	13.56816358
GOSR1	NM_004871	115.7038541	3.626610293	8.92E-10	31.90413217
PTDSS2	NM_030783	69.1697646	9.323183907	0.000116332	7.419114038
PPP2R4	NM_001271832	105.066099	14.51776252	1.38E-06	7.237072435
NMNAT3	NM_178177	27.93019625	0.720670289	0.003492771	38.75585918
ERCC5	NM_000123	45.65978809	3.418474007	0.000465207	13.35677498
NOTCH2	NM_024408	120.1727867	3.189490542	8.49E-11	37.67773727
ATP5SL	NM_001167869	91.36828904	13.41491186	2.35E-05	6.810949636
RPL31	NM_000993	113.9552513	25.09553948	3.19E-05	4.54085681
ELL2	NM_012081	40.80241766	2.915187735	0.001991569	13.99649744
SPRYD3	NM_032840	85.10204081	17.7268483	0.000336588	4.800742882
MED9	NM_018019	82.91628738	7.152990384	3.11E-06	11.59183543
ZNF708	NM_001297561	73.15283366	0.598975289	3.25E-09	122.1299692
MEX3B	NM_032246	83.35343807	7.465441464	5.67E-06	11.16523899
PTPN2	NM_080423	130.3246782	4.495557894	5.97E-11	28.98965629
IFT88	NM_006531	75.82445064	1.676341374	5.61E-07	45.23210594
SEC24C	NM_198597	87.77365781	9.783887124	7.52E-06	8.971245958
CDK6	NM_001145306	85.10204081	3.599561814	1.50E-07	23.64233349
PSMA7	NM_002792	109.4863187	20.8290083	2.25E-05	5.256434541
CARS2	NM_024537	97.53711154	8.661930722	4.57E-07	11.26043542
REL	NM_002908	74.02713503	1.91280582	5.20E-07	38.70081022
NGFRAP1	NM_206917	74.02713503	17.23271073	0.004236656	4.295733631
SVIL	NM_003174	76.26160134	4.007340357	9.47E-07	19.03047771
CAMK2G	NM_172171	91.75672686	12.4766303	2.15E-05	7.354287549
NUF2	NM_145697	37.2564993	1.181442289	0.002133379	31.53476022
RPS23	NM_001025	178.2189327	21.92836932	1.15E-10	8.12732265
PSMD7	NM_002811	104.6289483	12.57042643	1.34E-06	8.323420758
NHLRC3	NM_001012754	43.03688397	3.442830138	0.002388942	12.50043779
COPA	NM_004371	100.2087285	3.328622345	2.86E-09	30.10516609
KIF22	NM_001256269	135.6679122	21.09752069	1.60E-07	6.430514479
PPAP2C	NM_177526	74.46428571	12.19462749	0.000250132	6.106319012
CCDC6	NM_005436	47.45710371	1.674751075	0.00030724	28.33681042
XPO6	NM_001270940	91.31957618	5.669560607	2.91E-07	16.10699356
GIT2	NM_057170	101.9573313	7.500943816	1.38E-07	13.59260032
AP4E1	NM_007347	93.55404248	2.304784693	1.28E-08	40.59122867
LINC00674	NR_027418	57.22055744	5.217548941	0.000233626	10.96694216
COL6A2	NM_001849	64.31239418	9.606147767	0.000641341	6.694920351
ADAL	NM_001159280	45.70850097	3.179885532	0.000404914	14.37425986
ITCH	NM_001257137	107.737716	4.401480741	8.65E-09	24.47760705
SRSF4	NM_005626	56.78340675	8.480359157	0.000993164	6.695872864
GPATCH2L	NM_017926	148.05427	3.492361891	5.54E-13	42.39373658
TMEM87A	NM_001286487	43.03688397	3.946172678	0.001102776	10.90598093
EIF3J	NM_001284336	116.5781554	8.492192084	3.77E-09	13.72768707
WDR60	NM_018051	44.34833603	2.887691169	0.000603224	15.35771432
LIN54	NM_001115008	59.84346156	1.677799466	2.15E-05	35.66782729
ADNP	NM_001282531	74.46428571	5.712641852	7.13E-06	13.03499986
SORD	NR_034039	44.34833603	3.492370231	0.000559814	12.69863534
POLR2G	NM_002696	66.06099693	9.95800478	0.000632724	6.63395915
SOCS4	NM_080867	90.8824255	4.61209936	7.51E-08	19.70521847
PPP3R1	NM_000945	130.7618289	2.843513527	2.66E-12	45.98600559
GLUL	NM_002065	81.11897176	13.37822425	8.84E-05	6.063508147
DNAJC1	NM_022365	90.4452748	2.205049325	3.96E-08	41.01734767
SMARCB1	NM_003073	102.8803456	10.05603527	6.02E-07	10.23070652
LINC01271	NR_109950	54.98609113	9.1464879	0.003509715	6.01171638
AP4M1	NM_004722	94.86549455	20.5259162	0.0002476	4.621742271

VPS36	NM_001282168	126.3416091	2.67288645	2.21E-12	47.267855
LGALS3	NM_001177388	172.0013972	9.920961275	4.09E-13	17.33717051
SAA2	NM_001127380	33.71058093	3.178645488	0.003717262	10.60532892
TRAPPC10	NM_003274	122.7956908	5.195253256	3.86E-10	23.63613183
SPTSSB	NM_001040100	47.45710371	0.987076546	8.29E-05	48.07844325
THOC7	NM_001285404	93.99119317	3.47475699	3.90E-08	27.04971699
LINC01494	NR_110238	45.22263741	6.066909766	0.002431504	7.4539822
CASP2	NM_032982	58.96916018	7.216694464	0.000450062	8.171214741
SMC1A	NM_006306	54.54894044	3.502157835	8.34E-05	15.57580869
DUSP14	NM_007026	123.6699922	5.140368965	6.20E-11	24.05858277
HGSNAT	NM_152419	75.82445064	0.175338643	1.46E-10	432.4457492
IQCB1	NM_001023570	86.89935644	4.02646066	6.59E-07	21.58207015
STRBP	NM_018387	83.79058876	3.126171594	2.32E-07	26.80293971
EPS8L2	NM_022772	93.11689181	20.2110135	9.24E-05	4.607235149
COG4	NM_001195139	113.9552513	4.399581549	9.60E-10	25.90138405
ATP2A3	NM_174955	85.10204081	15.0492748	5.80E-05	5.65489314
HNRNPH3	NM_012207	78.49606764	9.999170215	4.05E-05	7.850258167
SNX12	NM_001256188	39.00510204	1.321766895	0.00032683	29.50981915
POLR1B	NM_001282776	70.96708023	5.208349285	1.13E-05	13.62563767
PTRHD1	NM_001013663	62.07792787	2.621198361	3.00E-06	23.68303322
DCBLD1	NM_173674	115.2667034	2.173797794	1.14E-10	53.02549467
CNKSR1	NM_001297647	66.93529829	9.287009076	0.000420688	7.207411745
ELOVL1	NM_001256401	158.2548744	39.09030105	5.20E-06	4.04844348
ZC3HAV1	NM_020119	89.57097344	3.613157765	4.77E-08	24.79021932
TRIM9	NM_052978	43.91118534	2.186604673	0.001078143	20.0819041
SFPQ	NM_005066	148.5401337	13.49122922	1.58E-10	11.010126
NEK3	NM_152720	39.05381491	0.079980456	2.33E-06	488.2919791
VRK1	NM_003384	90.00812411	3.502414141	2.95E-08	25.69888097
CGNL1	NM_032866	27.93019625	1.048547849	0.003924154	26.63702593
UHMK1	NM_175866	121.9213894	4.6310491	9.15E-11	26.32694813
LDHB	NM_001174097	115.2667034	6.557007692	4.03E-09	17.57916244
AUH	NM_001698	64.74954487	3.203246341	9.26E-06	20.21372632
C15orf48	NM_197955	41.67671904	1.622297921	0.000144314	25.68992939
PTGR2	NM_001146154	71.8413816	6.286048318	1.22E-05	11.42870337
MMGT1	NM_173470	39.00510204	2.871866727	0.000932801	13.58179392
YBX3	NM_001145426	130.3246782	6.795630798	1.08E-10	19.1777161
UBA2	NM_005499	160.0521901	5.305706608	4.78E-14	30.16604609
NCAPG2	NR_104054	111.2836343	4.189537039	3.03E-09	26.56227485
E2F7	NM_203394	179.5303847	5.787122666	6.12E-15	31.02239145
GYS1	NR_027763	65.18669554	12.71739575	0.001757205	5.12578965
RAD51B	NM_133509	46.09693877	4.140068521	0.000711221	11.13434199
SEL1L	NM_001244984	101.5201806	0.506401887	3.03E-12	200.4735432
SAYS1D1	NM_018322	80.68182108	3.133955105	1.65E-07	25.7444087
GOSR2	NM_001012511	154.3205183	11.54441458	1.70E-11	13.3675482
FAM73A	NM_198549	89.57097344	3.606210464	6.12E-08	24.83797724
TPM2	NM_001301227	97.53711154	19.10938419	7.09E-05	5.10414729
STOX1	NM_001130160	102.394482	4.696709026	1.90E-08	21.80132544
APLP2	NM_001642	64.31239418	4.322585851	4.80E-05	14.87822253
STRN3	NM_014574	136.9793643	2.607865554	1.50E-12	52.52547012
SPIN3	NR_027139	72.27853228	1.826612965	2.35E-07	39.56970286
EPG5	NM_020964	70.48121666	1.088901253	1.34E-07	64.72691299
PGS1	NR_111989	120.6099374	15.59800578	3.71E-07	7.732394711
MAST3	NM_015016	66.06099693	11.07342765	0.00070819	5.965722543
BRMS1L	NM_032352	93.55404248	1.647505003	2.88E-09	56.78528581
MRPL10	NM_145255	179.5790976	16.56587594	3.06E-12	10.84030197
PITPNA	NM_006224	152.0373391	10.26243932	3.72E-11	14.81493184
UGT8	NM_001128174	35.94504724	1.413483683	0.003183056	25.4301112
GTF2H2C_2	NM_001042490	85.58790438	1.707169446	1.39E-08	50.13439328
TUFT1	NM_001301317	164.0352591	5.600737671	3.15E-14	29.28815252
ZNF414	NM_032370	103.3174962	25.64256214	0.000321093	4.029140912
ZNF780A	NM_001142577	73.58998434	5.393436216	3.62E-06	13.64435981
SLC46A3	NM_181785	30.60181325	0.869633547	0.000716746	35.18932011

GCC2	NR_028063	59.84346156	1.72545548	1.74E-05	34.68270394
HNRNPC	NM_001077442	128.5760755	9.386251587	4.16E-09	13.69834106
CNKS3	NM_173515	57.22055744	3.55016405	5.59E-05	16.11772207
EFCAB2	NM_001290327	136.9793643	3.304911955	1.71E-12	41.44720529
ATAD3B	NM_031921	126.7787599	19.07419403	3.43E-07	6.646611632
YPEL1	NM_013313	88.2108085	7.893244795	1.95E-06	11.17548116
REPS1	NM_001286612	54.98609113	2.826468376	9.29E-05	19.45399128
PABPC4	NM_001135654	144.071201	15.82235816	7.49E-09	9.105545429
INVS	NM_183245	64.74954487	2.672162164	9.50E-06	24.2311435
NPNT	NM_001033047	44.34833603	1.870743614	0.000523994	23.70626082
GNL2	NM_013285	71.40423091	4.038782951	8.40E-06	17.67964057
CLSPN	NM_001190481	127.7017741	5.806708415	4.90E-11	21.99211068
LAMTOR5-AS1	NR_102697	74.95014928	9.769640998	5.50E-05	7.671740374
PARP16	NM_017851	61.64077717	9.245075603	0.000321912	6.667417317
AGAP1	NM_001037131	113.4693878	4.688008923	3.81E-09	24.20417487
RBMX2	NM_016024	53.18877551	1.94669183	1.27E-05	27.32264794
GLS	NM_014905	154.7089561	4.044533258	3.57E-13	38.25137445
PDHA1	NM_001173455	44.78548671	2.519995507	0.000283168	17.77205022
ENTPD6	NM_001114089	71.8413816	6.1527709	1.16E-05	11.67626469
SLC35F5	NM_025181	118.375471	1.714106854	8.44E-12	69.05956344
ULBP3	NM_024518	93.99119317	21.3626903	0.000198662	4.399782604
SMTN	NM_006932	149.414435	26.6753943	1.79E-07	5.601208116
SMN2	NM_022876	134.8423237	22.50368117	2.67E-07	5.992011828
GNPDA1	NM_005471	87.33650713	8.922567162	3.53E-06	9.788271194
MCOLN3	NM_001253693	43.03688397	3.125953109	0.000856912	13.76760382
XYLT2	NR_110010	87.77365781	21.11027294	0.000535333	4.157864659
ARHGEF12	NM_015313	36.8193486	3.757308279	0.003917895	9.799395169
SAP130	NM_001145928	76.69875203	3.554939109	6.86E-07	21.57526463
CHPT1	NM_020244	105.9404003	2.959620068	2.54E-10	35.79527031
TUBGCP5	NM_052903	100.2087285	3.240720677	1.84E-09	30.92174196
PAXBP1	NM_013329	108.6120173	2.374769387	6.97E-11	45.73581667
CHST12	NM_001243795	91.31957618	6.08747078	1.50E-07	15.00123442
EIF3H	NM_003756	103.3174962	2.962393708	2.58E-09	34.87635554
LOC101928069	NR_120586	114.8295527	24.60004408	2.41E-05	4.667859633
BZW2	NM_014038	175.5473156	3.373430168	1.40E-15	52.03822426
RRP9	NM_004704	89.57097344	10.00407869	9.06E-06	8.953445512
DDX49	NM_019070	90.00812411	17.69815008	8.90E-05	5.08573629
ATXN10	NM_001167621	152.0373391	4.811232651	1.49E-12	31.6004962
KHDC1	NM_001251874	130.3246782	4.373478999	4.04E-11	29.79885766
RHBDF2	NM_024599	145.431366	23.06564734	1.12E-07	6.305106632
TMEM56	NM_152487	52.80033771	1.739338431	0.000146166	30.35656361
MYH10	NM_005964	66.93529829	3.707063279	9.62E-06	18.05615207
MLEC	NM_014730	115.2667034	11.70550654	1.06E-07	9.847220446
AASDH	NM_001286671	45.70850097	2.707114155	0.000512142	16.88458571
LCLAT1	NM_001002257	43.47403467	2.133669412	0.001178619	20.3752439
POLR3K	NM_016310	70.48121666	6.189749025	1.03E-05	11.38676486
WASF2	NM_001201404	157.3805731	5.312529849	2.76E-13	29.62441202
HBPI	NM_001244262	47.8942544	3.176112023	0.000247792	15.07952303
RB1	NM_000321	47.45710371	1.20703442	3.89E-05	39.31710888
STK40	NM_032017	109.049168	12.4773681	8.21E-07	8.739757227
PACS1	NM_018026	90.4452748	5.349559029	3.18E-07	16.9070524
VPS33A	NM_022916	54.11178977	3.752408312	7.47E-05	14.42054949
FMNL3	NM_198900	52.31447414	7.486623449	0.003115347	6.987726108
LYPLA1	NM_001279356	73.58998434	2.266243207	7.34E-07	32.47223604
ARHGAP17	NM_001006634	81.11897176	4.254317023	2.65E-06	19.06744874
RAB9A	NM_001195328	47.45710371	1.140719335	6.73E-05	41.60278717
SLC25A19	NM_021734	175.1101649	15.83187214	1.44E-11	11.0606101
LOC439933	NR_122079	76.69875203	1.371013504	7.32E-08	55.9431047
DNAJC7	NM_003315	125.0301571	7.637990539	9.26E-10	16.36950929
KLHL22	NR_033825	94.42834386	7.92699173	7.29E-07	11.91225462
ACTR2	NM_001005386	43.47403467	3.360881996	0.000985531	12.93530529
ZNF250	NM_021061	64.31239418	10.14029531	0.000592743	6.342260479

MTFR1L	NM_001099625	77.13590271	12.19684088	0.000167854	6.324252603
DTX2	NM_001102594	117.9383204	12.06328153	1.57E-07	9.77663666
UBE2W	NR_073121	115.2667034	4.2782081	2.00E-09	26.94275282
PHF6	NM_032335	63.38937993	1.568820298	5.89E-06	40.40576222
ATP1B3	NM_001679	129.4503768	5.118998113	6.12E-11	25.28822514
MYO6	NM_001300899	93.99119317	1.644160183	1.53E-08	57.1666886
ZNF24	NM_006965	97.09996085	6.475746852	6.92E-08	14.99440344
L3HYPDH	NM_144581	93.11689181	4.186373646	8.52E-09	22.24285257
MARK1	NM_018650	56.34625608	1.651837221	4.91E-05	34.11126433
LRCH3	NM_032773	157.3805731	3.097854612	1.07E-14	50.80308565
TPCN1	NM_017901	118.375471	9.07533949	9.13E-09	13.04364108
NUP54	NR_103781	93.55404248	6.368573857	4.84E-07	14.68995172
MRPS23	NM_016070	56.78340675	7.434710704	0.000605294	7.637608108
TOP3B	NM_001282112	151.1630377	17.07693683	2.71E-09	8.851882464
POLG	NM_002693	189.2938384	23.52198823	2.95E-11	8.047527131
TAF5L	NM_014409	187.4965228	4.223743134	9.78E-18	44.39108081
HIF1A	NM_181054	97.97426223	3.179770738	4.98E-09	30.81173779
ATG3	NM_001278712	97.09996085	1.853154052	6.56E-10	52.39713383
NCKIPSD	NM_016453	129.0132262	17.05151819	9.46E-08	7.566084421
MAPK1	NM_138957	138.7766799	4.285102995	9.20E-12	32.38584465
SLC25A15	NM_014252	116.1410048	5.093119384	2.24E-10	22.80351117
UBE4A	NM_004788	58.96916018	5.475568877	0.000137724	10.76950386
LOC100505915	NR_125434	72.27853228	5.5171974	5.86E-06	13.1005884
C11orf24	NM_022338	100.2087285	14.18340981	5.70E-06	7.06520716
TBRG1	NM_032811	74.51299858	6.454578395	1.47E-05	11.54420847
C18orf54	NM_001288980	62.51507855	2.164244425	4.52E-06	28.88540584
SLC31A1	NM_001859	54.54894044	3.859396621	8.27E-05	14.13405923
ARHGEF39	NM_032818	132.5591446	28.9563438	6.91E-06	4.577896488
TFCP2L1	NM_014553	136.9793643	4.560527847	1.22E-11	30.03585744
DYRK2	NM_003583	79.8075197	3.278793026	3.00E-07	24.3405177
SF3B1	NM_001005526	46.58280234	4.019541735	0.001685391	11.58908289
FOXO1	NM_002015	125.9044585	0.983249625	1.70E-13	128.0493329
FRAS1	NM_025074	69.60691528	1.807745714	5.62E-06	38.50481556
LOC101593348	NR_103497	76.26160134	9.188913264	8.93E-05	8.299305821
BTG3	NM_006806	62.07792787	2.777473456	4.63E-06	22.35050266
UBE2G2	NM_003343	51.87732345	4.554164715	0.000721149	11.39118295
BBS1	NM_024649	89.57097344	11.27180163	7.31E-06	7.946464673
TMEM72-AS1	NR_033842	51.87732345	2.630116356	0.000191	19.7243454
UTP14A	NM_001166221	45.65978809	5.607054027	0.002243317	8.143275929
TAF6	NM_005641	84.71360301	18.0719405	0.000308753	4.687576469
EIF4EBP1	NM_004095	84.22773945	4.385040358	7.13E-07	19.2079736
MRPL22	NM_001014990	54.98609113	1.400137262	2.87E-05	39.271929
WDR1	NM_017491	77.57305339	11.99157424	8.49E-05	6.468963276
OSER1-AS1	NR_038337	64.74954487	4.635544301	1.86E-05	13.96805654
C19orf12	NM_001256047	87.33650713	8.855367641	4.87E-06	9.862550112
JKAMP	NM_001284203	32.83627956	0.500302944	0.000453257	65.63279299
SLC35E4	NM_001001479	73.15283366	8.811884844	7.01E-05	8.301610263
ZMYM1	NM_001289089	63.43809281	3.236330602	9.83E-06	19.60185797
ACBD6	NM_032360	113.9552513	2.136260972	2.74E-10	53.34331939
RBPJ	NM_005349	55.42324183	3.231602382	0.00010272	17.1503902
RFT1	NM_052859	72.71568297	6.043382278	1.33E-05	12.03228252
KIF3A	NM_001300792	93.55404248	2.225935038	4.74E-09	42.02909829
LOC101928053	NR_120540	123.6699922	5.584608616	1.24E-10	22.14479129
IL4R	NM_001257997	51.44017277	7.925166791	0.003034034	6.490736931
CENPC	NM_001812	101.0830299	0.544559566	8.36E-12	185.6234584
SIKE1	NR_049741	93.11689181	3.120198853	3.32E-09	29.84325558
GFPT2	NM_005110	118.8126218	8.657360409	4.05E-09	13.72388536
AIMP2	NM_006303	100.2087285	12.64695454	2.09E-06	7.923546194
ZNF557	NM_001044387	158.2548744	10.10054692	1.37E-11	15.66795102
MRPL50	NM_019051	42.55102041	1.669687396	0.000173856	25.48442332
FUNDC1	NM_173794	48.76855577	1.622781851	9.74E-05	30.05244097
PHKA1	NM_002637	35.02203299	0.487784587	0.000808513	71.79815419

USP28	NM_020886	105.9404003	2.343444786	7.73E-10	45.20712457
NUP43	NR_104456	75.82445064	6.917840249	1.37E-05	10.96071142
ZNF518B	NM_053042	45.22263741	3.982874868	0.001753003	11.3542702
CCDC112	NM_001040440	52.31447414	1.979910664	8.73E-05	26.42264376
PRC1	NM_001267580	51.00302207	7.931619561	0.00277043	6.430341456
ARL8B	NM_018184	72.27853228	1.689649654	1.15E-06	42.77723023
RRN3	NM_018427	119.2497724	1.769990976	2.03E-12	67.37309628
ZNF641	NM_001172681	94.42834386	10.56280781	4.03E-06	8.939701027
RNF217	NM_001286398	39.49096561	1.886921715	0.002000968	20.92877796
MATR3	NM_018834	129.8875276	7.854675699	4.78E-10	16.53633231
NFKBIB	NR_040515	63.87524348	10.48047188	0.000651326	6.094691555
POLI	NM_007195	41.28828123	1.66400086	0.001185394	24.81265618
NAA30	NM_001011713	105.5032497	4.282322528	2.20E-09	24.63692283
PBDC1	NM_016500	45.65978809	4.889271687	0.002804644	9.338770887
ZDHHC16	NM_198044	117.9383204	16.98862281	8.03E-07	6.942194296
ATRIP	NM_001271022	142.759749	11.07169204	3.61E-10	12.89412209
LSM6	NM_007080	100.6458792	4.108405705	3.09E-09	24.49755123
INIP	NM_021218	40.80241766	3.060085081	0.001640618	13.33375268
CDC14A	NM_033312	83.35343807	1.811436384	1.82E-07	46.01510646
ZNF552	NM_024762	62.95222924	7.84927143	0.000465865	8.02013662
PRKCQ	NM_001282644	60.28061224	0.092271074	8.30E-08	653.2991267
ZNF324B	NM_207395	75.38729997	18.7877558	0.003482244	4.012576103
FAM168A	NM_015159	51.00302207	4.133470878	0.000206663	12.33903022
DHX40	NM_001166301	51.44017277	5.543286835	0.000819312	9.27972416
ARNTL	NM_001297719	48.33140508	6.284980705	0.001661243	7.68998464
GTF2B	NM_001514	82.91628738	2.412196787	6.92E-08	34.37376578
FXR2	NM_004860	101.9573313	12.36719787	1.72E-06	8.244174011
SLC16A13	NM_201566	94.42834386	10.00277446	1.94E-06	9.440215233
TTLL13	NR_104604	61.2036265	13.31652628	0.003564145	4.59606546
LPCAT4	NM_153613	77.13590271	13.02792797	0.000125695	5.920811269
MSANTD3	NM_001198805	105.9404003	3.218254746	1.44E-09	32.91858746
DNMBP	NM_015221	166.2210125	6.582500968	8.77E-14	25.25195413
TIMP2	NM_003255	113.4693878	16.20659862	1.21E-06	7.001431354
SNRPE	NM_003094	114.8295527	7.059893461	3.84E-09	16.26505462
MDH2	NM_001282404	115.2667034	10.79778798	3.25E-08	10.67502933
CDC40	NM_015891	64.74954487	1.690974563	3.95E-06	38.29125895
C15orf57	NM_001080792	43.91118534	5.892421615	0.003231011	7.452145859
PITPNA-AS1	NR_028514	125.9044585	9.053062492	8.09E-08	13.90738864
SLC20A2	NM_001257181	80.2446704	4.288970166	2.86E-06	18.70954268
TMCO3	NM_017905	104.1917976	8.078829542	1.36E-07	12.89689268
ITGA2B	NM_000419	58.09485881	9.876278175	0.002574722	5.882262304
STX18	NM_016930	82.4791367	2.715980547	2.04E-07	30.36808816
CUL9	NM_015089	69.60691528	9.949583892	0.000399315	6.995962448
CDKN2A	NM_058195	49.20570646	4.248544215	0.001180796	11.58178048
TWSG1	NM_020648	62.95222924	3.134807481	1.35E-05	20.0816891
SDHAP1	NR_003264	111.2836343	12.76922037	3.92E-07	8.714990507
IFT22	NM_001287525	62.95222924	5.790749775	0.000105905	10.87117069
RHNO1	NM_001257098	118.375471	7.354067191	4.11E-09	16.09659906
DIDO1	NM_001193370	97.09996085	10.70997444	1.72E-06	9.066311167
PTPN18	NM_014369	85.1507537	16.45902312	0.000138439	5.173499854
ANAPC4	NM_013367	93.11689181	3.407968232	7.80E-09	27.32328633
VAMP1	NM_199245	93.55404248	16.6553932	4.83E-05	5.617041961
NT5DC1	NM_152729	149.414435	1.829944476	8.68E-14	81.64970959
SLMO2	NM_016045	79.37036901	5.734578242	2.20E-06	13.84066372
CCNJL	NM_024565	44.34833603	6.122746553	0.002727013	7.243209504
RGL1	NM_001297672	52.31447414	0.687722924	1.29E-05	76.06911486
ERMAP	NM_001017922	124.1071429	5.611187237	1.03E-10	22.11780459
COX7A2L	NM_004718	58.5320095	3.618767378	7.59E-05	16.17457089
C19orf60	NM_001100419	112.1579357	27.71291713	0.000113749	4.04713568
MON2	NM_001278472	129.8875276	2.069238366	7.26E-12	62.77069366
ATRX	NM_000489	67.37244898	0.885883359	3.96E-07	76.05115084
RPAP2	NM_024813	132.9962952	2.52696995	1.57E-12	52.63073873

LETMD1	NR_045018	116.5781554	7.215966914	3.81E-09	16.15558342
RNF217-AS1	NR_026876	35.94504724	1.926045148	0.003138851	18.66261924
MAN1B1	NR_045720	65.18669554	14.90845953	0.001768269	4.372463527
SIN3A	NM_015477	41.67671904	4.39633877	0.004703945	9.479869777
TSEN15	NR_125335	132.5591446	2.81762957	1.18E-12	47.04633497
WHSC1L1	NM_017778	90.00812411	2.50994248	1.84E-08	35.8606322
MANEAL	NM_001113482	59.40631088	13.12132464	0.003167806	4.52746293
BPGM	NM_199186	83.79058876	2.112202461	4.37E-08	39.66977139
CCT2	NM_001198842	119.2497724	4.568907577	3.29E-11	26.10028117
C7orf49	NM_001243751	123.7187051	28.23473622	2.43E-05	4.381790718
TRAF4	NM_004295	208.3348823	28.97049718	1.26E-11	7.191277423
UPF3A	NM_023011	74.95014928	8.629146565	3.01E-05	8.685696635
PRKXP1	NR_073405	20.83835952	0.075746066	0.003228011	275.1081441
PTPN6	NM_080548	94.86549455	18.26209455	7.55E-05	5.194666708
SNX22	NR_073534	119.6869232	28.56010027	4.82E-05	4.190703886
CENPM	NM_024053	75.38729997	15.9525313	0.0007012	4.725726503
NMT2	NM_004808	101.5201806	4.870941882	1.90E-08	20.84200203
SCAMP4	NM_079834	114.8295527	18.33261285	2.46E-06	6.263676305
SNAPIN	NR_052020	108.6120173	25.34902158	0.000134884	4.284663098
RASAL2	NM_170692	47.45710371	2.331818432	0.00037861	20.35197211
MUL1	NM_024544	125.0301571	11.74330608	1.41E-08	10.64692994
ZNF354A	NM_005649	109.049168	2.019725558	9.60E-12	53.99207213
SNX6	NM_152233	118.375471	5.354850428	1.05E-09	22.10621428
SYS1	NM_001099791	64.74954487	8.62869194	0.000429739	7.503981521
POLD2	NM_001127218	92.67974111	14.62012892	2.66E-05	6.33918768
LOC100133315	NR_029192	66.49814761	6.533856692	5.08E-05	10.17747262
RNF113A	NM_006978	59.40631088	9.524711564	0.003846354	6.237071903
BICD1	NM_001714	52.31447414	1.995285166	0.000199225	26.2190463
PATZ1	NM_032050	127.2159105	8.851835441	1.27E-09	14.37169854
MYNN	NR_033702	129.8875276	3.246162383	1.32E-12	40.01264022
NUDT4P1	NR_002212	95.78850885	4.949661491	2.48E-08	19.35253734
PLEKHA5	NM_001143821	63.82653061	1.109447198	1.52E-06	57.53003
WBSCR16	NM_001281441	169.3297803	6.928894971	1.15E-14	24.43820855
FAM120A	NM_001286723	46.09693877	4.169681717	0.002696228	11.05526558
M1AP	NM_138804	75.38729997	4.294869626	8.55E-06	17.55287274
TPP2	NM_003291	63.38937993	1.806454059	1.14E-05	35.09050209
MYBL2	NM_002466	116.5781554	8.001186216	6.63E-09	14.57010902
ATP5J2	NM_004889	112.1579357	11.13418957	6.39E-08	10.07329137
XPNPEP1	NM_001167604	60.76647581	3.823418155	2.61E-05	15.89323306
MMAA	NM_172250	52.31447414	2.693451478	0.000131063	19.4228389
ACTN1-AS1	NR_073422	48.76855577	4.567909487	0.000547855	10.67634022
QSOX1	NM_001004128	93.99119317	10.40332858	3.08E-06	9.034723112
C2CD2L	NM_001290474	59.40631088	14.06168859	0.003674936	4.224692539
RDH14	NM_020905	54.98609113	5.900921143	0.000525368	9.318221646
TNFRSF10D	NM_003840	154.2718054	9.449012577	9.97E-12	16.32676474
PPM1H	NM_020700	74.02713503	2.668260856	1.64E-06	27.74358993
OSBPL8	NM_020841	98.8485636	3.576044581	7.10E-09	27.64187117
GTF2I	NM_001518	74.95014928	3.94452922	1.41E-06	19.00103792
CEP41	NM_001257160	58.96916018	7.325495773	0.000479279	8.049852462
PDIA5	NR_028444	86.89935644	6.644660713	9.32E-07	13.07807279
MAPK6	NM_002748	62.07792787	2.540892082	9.94E-06	24.4315484
ZNF544	NM_014480	79.41908188	8.46129029	1.10E-05	9.386166786
S1PR2	NM_004230	69.60691528	11.73804599	0.000701762	5.930025777
TMEM60	NM_032936	36.38219793	2.135803726	0.00251648	17.03442946
DLG	NM_001289752	39.49096561	2.778669845	0.001561271	14.21218346
SNX11	NM_152244	141.0111462	8.281874538	4.70E-11	17.02647698
RNF139-AS1	NR_108047	96.66281017	12.73998147	3.09E-06	7.587358773
DNAL4	NM_005740	89.57097344	9.925075528	5.02E-06	9.024714541
GTF2A1	NM_001278940	129.8875276	2.74992166	1.84E-12	47.23317375
CDC23	NM_004661	47.8942544	4.817508825	0.001218342	9.941705587
KCNQ2	NM_004518	73.15283366	13.10104053	0.000466346	5.583742261
USP46	NM_022832	46.09693877	3.283631852	0.000587446	14.03840042

LACE1	NM_145315	61.64077717	2.165053982	1.72E-05	28.47078072
ITGA6	NM_001079818	126.8274728	3.737747747	1.54E-11	33.93152276
LOC100288842	NR_027442	144.071201	2.670484561	1.02E-15	53.94946037
ARL2BP	NM_012106	72.27853228	9.212129381	9.59E-05	7.846017929
ZNRF1	NM_032268	92.19387756	6.279861269	2.98E-07	14.68087806
LOC101927045	NR_110032	54.98609113	1.606298899	6.29E-05	34.23154382
UBAP2L	NM_001287816	88.64795919	5.86961624	3.85E-07	15.10285435
WNK1	NM_001184985	105.066099	3.434979287	1.87E-09	30.58711282
IPO4	NM_024658	136.9793643	25.1645183	5.27E-07	5.443353322
EPM2A	NM_001018041	72.71568297	2.101672253	2.11E-06	34.59896416
JMY	NM_152405	44.34833603	3.075528579	0.000611209	14.41974441
APPL2	NM_018171	119.2497724	6.814252014	3.91E-09	17.50005315
IFRD1	NR_120333	206.1491289	4.399250994	4.03E-20	46.86005167
PPARA	NM_005036	42.11386972	5.945491529	0.004868133	7.083328521
TRAPPC6B	NM_001079537	108.1748666	5.345859484	1.74E-09	20.23526188
GTF3A	NM_002097	65.62384623	13.37082357	0.001371987	4.907988345
USP3	NM_001256702	66.93529829	4.124779402	4.97E-05	16.22760681
RABGGTA	NM_182836	96.66281017	22.61321546	0.000175206	4.274615892
SLC19A1	NM_194255	106.377551	12.96752144	1.13E-06	8.203383471
SH3GL1	NM_003025	115.2667034	20.03729122	3.39E-06	5.752609078
POLDIP3	NR_103820	136.9793643	12.46138033	2.58E-09	10.9923107
YES1	NM_005433	82.91628738	1.077629661	5.91E-09	76.94321189
YIPF5	NM_001024947	33.71058093	2.357012663	0.003510789	14.30224855
DARS2	NM_018122	66.06099693	4.739687726	3.62E-05	13.93783741
NFXL1	NM_001278624	100.6458792	2.336466057	2.39E-09	43.07611442
SPAST	NM_014946	37.69364998	1.406378006	0.003314175	26.80193363
MAGI3	NM_152900	59.40631088	1.586182046	3.16E-05	37.45239144
CCNC	NM_001013399	92.67974111	4.866669605	1.01E-07	19.04377092
LGMN	NM_001008530	72.71568297	4.641564401	1.21E-05	15.66620146
DCAF16	NM_017741	96.22565948	2.190437676	3.05E-10	43.92987783
RPL14	NM_003973	132.9962952	16.70227489	5.14E-08	7.962765317
PPAPDC1B	NM_032483	105.5032497	3.701246863	2.55E-10	28.50478597
LACC1	NM_001128303	115.2667034	2.29875996	1.08E-11	50.14299246
CAPN10	NM_023085	79.8075197	15.7287579	0.000308827	5.073987419
CBWD2	NM_172003	30.60181325	0.350769309	0.000865077	87.24199212
POLH	NM_006502	79.8075197	4.708680043	1.94E-06	16.94902159
TBC1D4	NM_001286658	65.18669554	2.005766166	8.89E-06	32.49964859
SPTBN1	NM_003128	74.46428571	4.023409429	1.67E-06	18.50775742
LRFN3	NM_024509	55.86039251	9.065808012	0.001726254	6.16165624
DGKD	NM_152879	70.91836734	6.498685865	1.77E-05	10.91272433
MATN2	NM_002380	79.37036901	6.641497571	3.30E-06	11.9506735
LMTK2	NM_014916	95.78850885	3.829678776	1.00E-08	25.01215231
ENTPD4	NM_004901	95.30264523	5.592916952	6.76E-08	17.03988206
POLE2	NM_001197331	118.8126218	4.495345642	2.31E-10	26.43014158
NAA25	NM_024953	80.2446704	4.926988892	2.64E-06	16.28675691
HRH1	NM_001098213	44.78548671	5.58908265	0.002869072	8.013029958
CHAF1A	NM_005483	95.78850885	11.73350374	1.82E-06	8.163674806
CFAP36	NM_080667	40.80241766	3.551467882	0.001599214	11.48888826
PXDN	NM_012293	48.76855577	1.994157573	0.000317082	24.45571826
MRPS16	NM_016065	94.42834386	23.1405534	0.000418037	4.080643286
TSNARE1	NM_145003	53.18877551	9.830657726	0.001999928	5.410500192
PITX1	NM_002653	101.9573313	18.86733594	2.16E-05	5.403907135
PDE12	NM_177966	138.7766799	11.75232524	6.05E-10	11.80844446
G6PC	NM_001270397	37.69364998	3.2036983	0.002221824	11.76566782
FBXO22	NM_147188	136.1050629	6.575729699	4.55E-11	20.6980927
NDUFB5	NM_001199958	63.87524348	0.693659535	3.36E-07	92.08443082
ERVK13-1	NR_040023	116.1410048	10.23869762	1.17E-08	11.34333771
CAMKMT	NM_024766	58.09485881	2.079008065	6.25E-05	27.94354664
SCML2	NM_006089	34.58488231	0.844532441	0.000915759	40.95151427
ESPN	NM_031475	193.7140581	27.96473579	8.16E-11	6.927083438
SMS	NM_001258423	56.29754319	2.28063142	3.81E-05	24.68506866
STIM2	NM_001169118	58.96916018	3.1251523	3.22E-05	18.86921165

SLC39A3	NM_144564	96.66281017	14.74786055	7.05E-06	6.554361552
VASP	NM_003370	100.6458792	15.74002226	9.99E-06	6.394265369
PHF14	NR_033436	36.8193486	1.405259644	0.003705444	26.20110009
POMGNT1	NM_017739	100.6458792	15.11924473	5.54E-06	6.656806013
CMTM7	NM_181472	83.79058876	5.968400697	1.42E-06	14.03903541
ICT1	NM_001545	166.7068761	13.21922101	9.41E-12	12.61094553
RAB23	NM_001278667	51.00302207	6.156063182	0.00080344	8.285006272
MRPL17	NM_022061	122.7956908	17.56442196	4.75E-07	6.991160375
TMC6	NM_001127198	106.8634146	26.66505508	0.000192418	4.007620247
SLC25A36	NM_018155	108.6120173	1.375934391	2.79E-11	78.93691593
UBXN11	NM_001077262	58.96916018	13.37913487	0.004620668	4.407546585
TMEM17	NM_198276	47.01995303	3.672935665	0.000704678	12.80173608
UAP1	NM_003115	68.29546324	4.52373173	2.03E-05	15.09715149
BTBD10	NM_032320	53.23748838	2.033109912	8.02E-05	26.18524855
SERPINE1	NM_000602	66.93529829	13.46257041	0.001431348	4.9719553
GPR108	NM_001080452	62.07792787	15.04807147	0.00491015	4.125307883
PHF21A	NM_001101802	40.36526697	1.938891517	0.002113804	20.81873411
OSR2	NM_001142462	120.6099374	14.53856187	2.02E-07	8.295864373
TFDP2	NM_001178138	92.19387756	2.400183727	3.82E-08	38.41117516
ZC3H6	NM_198581	102.8803456	3.291243836	1.75E-09	31.25880387
RGPD5	NM_005054	234.9536265	15.45937246	1.66E-16	15.1981348
PRKD2	NM_001079880	63.38937993	13.35178311	0.003106349	4.747634034
ASAP3	NM_001143778	77.13590271	7.32694668	2.20E-05	10.52770084
ANGPTL4	NR_104213	140.5252827	15.35530013	6.03E-09	9.151581637
HDAC2	NR_033441	109.049168	3.720898747	1.99E-09	29.3072119
FAM115A	NM_001206938	101.5201806	3.690216584	1.21E-08	27.51062933
EIF2AK1	NM_014413	112.1579357	7.399818595	1.62E-08	15.15684935
ERAP1	NM_016442	98.41141291	3.682076497	3.95E-08	26.72715056
SLAIN2	NM_020846	95.30264523	2.185926324	1.07E-08	43.59828792
DAP3	NM_004632	108.6120173	5.282491474	4.87E-09	20.56075582
SLC38A7	NM_018231	74.02713503	7.615534569	2.34E-05	9.720543497
C16orf95	NM_001195125	153.3975041	10.91864064	1.73E-11	14.04913938
CCDC113	NM_001142302	43.91118534	5.726776649	0.004319187	7.667696513
BZW1	NM_001207069	144.9455024	5.74937621	2.52E-13	25.21064844
TCEA2	NM_003195	128.5760755	23.66927855	2.64E-06	5.43219242
SGSM3	NM_015705	82.4791367	7.748860901	6.31E-06	10.64403372
LUZP6	NM_001128619	58.5320095	0.296216602	2.40E-07	197.5986798
GSE1	NM_001134473	93.55404248	20.86304773	0.000116086	4.484198268
CEP55	NM_001127182	114.8295527	6.328663434	6.51E-09	18.1443608
EIF4G3	NM_001198801	136.5422136	3.624159071	3.73E-12	37.67555755
LIMA1	NM_016357	79.8075197	4.080999207	2.72E-06	19.55587729
PAWR	NM_002583	119.6869232	3.760255493	6.80E-11	31.82946568
UNC119B	NM_001080533	175.5473156	8.648780288	7.00E-14	20.29734943
RPS6KC1	NM_001287221	39.9281163	0.977290481	0.000285965	40.85593495
C11orf57	NM_001301021	93.11689181	10.07306079	1.01E-06	9.244150686
NAA35	NM_024635	97.97426223	3.851453777	8.67E-09	25.43825472
SLC3A2	NM_001012664	86.89935644	13.16668404	5.31E-05	6.599942415
THG1L	NM_017872	55.42324183	6.363177851	0.0008102	8.709994144
MAVS	NM_001206491	103.3174962	23.15151276	6.32E-05	4.462667182
PUS1	NM_001002020	80.68182108	15.23833713	0.000330683	5.294660459
DDX42	NM_203499	181.3277003	8.924587012	9.50E-14	20.31776934
SETD9	NM_153706	47.45710371	5.726801366	0.002503262	8.286842982
PAK1	NM_002576	48.76855577	3.69965696	0.000365383	13.18191289
COMT	NM_000754	147.6171194	17.97966491	5.24E-09	8.210226394
STK4	NM_006282	81.11897176	2.703292456	3.67E-07	30.00747165
PSMC5	NM_001199163	151.6489013	32.54714649	1.82E-06	4.659360886
XRR1A1	NM_001270380	67.85831254	3.557964815	4.77E-06	19.07222698
SOS1	NM_005633	52.75162482	2.62169513	0.000188768	20.12118962
TUBA4B	NR_003063	58.5320095	10.06298283	0.002659675	5.816566568
LAMTOR3	NR_024170	60.28061224	1.702492854	3.60E-06	35.40726301
SMIM15	NM_001048249	78.93321834	2.002418222	2.42E-08	39.41894729
SPEF1	NM_015417	66.93529829	10.7752739	0.000488897	6.211934742

TEP1	NM_007110	109.049168	6.414179259	3.23E-08	17.00126604
CRYL1	NM_015974	76.69875203	3.921255893	8.05E-07	19.5597416
ARMC2	NM_001286609	47.45710371	4.85623239	0.001646873	9.772412006
TOR1AIP1	NM_001267578	111.2836343	6.848204001	1.56E-08	16.25004662
STON2	NM_001256430	30.16466256	0.991704185	0.002006957	30.41699634
GLE1	NM_001003722	98.89727652	6.438383533	1.60E-07	15.36057552
PRICKLE1	NM_153026	45.65978809	0.193627068	1.82E-05	235.8130425
TRIM45	NM_025188	57.65770813	5.303713166	0.000112817	10.87119652
TOB2P1	NR_002936	45.65978809	5.780727428	0.00221765	7.898623254
MED1	NM_004774	43.03688397	5.835655137	0.004555386	7.374816188
TXNRD3	NM_001173513	96.66281017	2.903670435	3.96E-09	33.28986961
IRAK2	NM_001570	50.5658714	5.479672405	0.000905484	9.227900441
MPC2	NR_026550	44.34833603	2.527294967	0.00030724	17.54774833
NOM1	NM_138400	110.8464837	8.832000815	5.81E-08	12.5505518
MAP2K1	NM_002755	130.7618289	6.473801617	8.01E-11	20.19861539
RFC4	NM_002916	80.2446704	9.156285883	2.88E-05	8.763888702
ZC3H18	NM_144604	79.37036901	12.83456764	0.000169457	6.184109292
KMT2A	NM_005933	95.30264523	3.528141927	1.66E-08	27.01213477
GBAS	NM_001483	140.9624333	3.206686406	8.97E-13	43.95890819
ACVR2B	NM_001106	56.29754319	9.226376909	0.001033778	6.101803964
CAPRIN1	NM_203364	198.5714286	6.201411336	9.00E-17	32.02036082
SIRT3	NM_012239	125.9044585	10.81726192	3.31E-09	11.63921697
ITSN2	NM_006277	73.15283366	2.757608462	1.44E-06	26.52763605
ZIC2	NM_007129	70.48121666	15.49040078	0.001949847	4.5499931
CEMIP	NM_001293304	48.33140508	5.375547485	0.00169037	8.990973519
MBNL1-AS1	NR_027037	74.02713503	14.40148465	0.000580953	5.140243303
CLTCL1	NM_001835	69.60691528	5.796549646	3.10E-05	12.00833591
RPL19	NM_000981	153.3975041	34.05536478	1.23E-06	4.504356512
PAIP1	NM_006451	152.9603533	2.723554716	9.20E-15	56.16202695
LINC01124	NR_027433	37.69364998	0.883629617	0.000402576	42.65774851
LITAF	NR_024320	110.4093329	5.963180963	2.35E-09	18.51517397
SNHG20	NR_027058	70.52992954	17.44277835	0.002495848	4.043503169
ERLEC1	NM_001127398	62.95222924	1.690037115	4.63E-06	37.24902173
CNST	NM_152609	41.23956835	1.915707644	0.001947804	21.5270678
SLC25A46	NM_138773	113.0322371	1.512210613	1.40E-12	74.7463588
LRTOMT	NM_001145307	82.91628738	9.788111235	1.68E-05	8.471122302
ZBED3	NM_032367	71.8413816	4.601230608	2.86E-06	15.61351467
GSKIP	NM_016472	103.754647	2.539591658	1.92E-10	40.85485422
AAED1	NM_153698	59.84346156	1.778454866	2.91E-06	33.64913144
ANAPC7	NM_001137664	96.22565948	6.931054091	2.42E-07	13.88326483
IL4I1	NM_001258017	111.7207851	14.28231085	4.79E-07	7.82231855
DAGLB	NM_139179	57.22055744	9.98632133	0.003063695	5.729893476
SENP3	NM_015670	90.4452748	14.91765149	3.02E-05	6.06297009
PTPRH	NM_001161440	52.75162482	9.377708094	0.002850259	5.625215062
TPX2	NM_012112	50.5658714	2.87420912	0.000160205	17.59296881
RABL2B	NM_001130923	97.53711154	9.160057916	7.98E-07	10.64808896
DMTF1	NM_001142326	75.82445064	5.382469408	3.83E-06	14.08729802
NADK2	NM_001287340	40.80241766	1.588262134	0.001516232	25.68997697
CCT7	NM_006429	143.6340504	14.00018095	2.12E-09	10.25944242
VWA9	NM_001136043	79.8075197	3.596910236	1.21E-06	22.18779854
MCEE	NM_032601	72.71568297	5.803928996	8.46E-06	12.52869961
ERICH2	NR_110644	46.09693877	5.114427171	0.001141228	9.013118621
PQLC1	NM_001146345	98.8485636	6.641267754	1.97E-07	14.88399012
TSPAN14	NM_001128309	74.02713503	7.870143359	4.15E-05	9.406071994
CD82	NM_001024844	62.95222924	9.154739763	0.000368778	6.876462998
DDB2	NM_001300734	101.0830299	11.05397876	7.61E-07	9.144492866
RNF138	NM_016271	90.8824255	3.693108313	1.18E-07	24.60865423
MEGF6	NM_001409	77.13590271	15.34941631	0.000303255	5.025331331
FRA10AC1	NM_145246	70.04406598	0.938866438	2.07E-07	74.60493117
PARL	NM_001037639	111.7207851	4.435657649	2.46E-09	25.18697201
HPSE	NM_001098540	40.36526697	3.261009637	0.001813289	12.37815016
RBM8A	NM_005105	100.6458792	16.38422886	9.87E-06	6.142851158

CYB561D1	NM_182580	75.82445064	11.95573951	8.79E-05	6.342096244
HPCAL4	NM_001282397	41.72543191	3.98014219	0.002737795	10.48340233
CNOT4	NM_001190849	93.11689181	2.351029042	1.75E-08	39.60686582
KLF6	NM_001160124	69.60691528	13.95847024	0.001932257	4.986715168
ASB7	NM_198243	61.64077717	4.496626194	7.66E-05	13.70822802
QRSL1	NM_018292	61.64077717	2.343091535	8.08E-06	26.30745587
VPS51	NM_013265	129.0132262	14.55300812	3.12E-08	8.865055604
MRGBP	NM_018270	126.7787599	21.84900853	2.71E-06	5.80249487
11-Sep	NM_018243	109.049168	4.737032127	6.96E-09	23.02056754
GNL3	NM_014366	102.8803456	14.72232833	2.57E-06	6.988048578
KDM5C	NM_004187	46.09693877	5.314951627	0.002434388	8.673068357
C21orf91	NM_001100421	112.1579357	3.964243253	8.94E-10	28.29239493
CDC16	NM_003903	104.1917976	4.37366728	1.04E-08	23.82252488
USP34	NM_014709	63.38937993	4.888823969	0.00010489	12.96618171
CEP170B	NM_015005	118.8126218	18.93813263	1.10E-06	6.273724243
ZNF92	NM_001287533	65.18669554	3.806347201	2.73E-05	17.12578809
UBA3	NM_003968	138.2908163	3.237501317	6.78E-13	42.71529267
RET	NM_020975	116.1410048	8.024038757	7.00E-09	14.47413307
SMG1	NM_015092	160.9264914	2.621056587	9.01E-15	61.39756471
BMP2K	NM_198892	83.79058876	1.78108358	1.71E-07	47.04472587
RIF1	NM_001177663	55.4719547	4.111645697	0.000475706	13.49142382
ANKRD11	NM_001256182	184.8736186	14.69086766	7.13E-13	12.58425458
VKORC1L1	NM_173517	113.4693878	2.670030945	1.49E-10	42.4974055
ASPSCR1	NM_001251888	124.5930065	23.61650578	3.85E-06	5.275674888
MTRR	NM_002454	36.38219793	0.885535209	0.000230479	41.08498177
FAM177A1	NM_173607	97.09996085	4.051575307	3.33E-08	23.96597706
LINC00471	NR_024079	90.8824255	9.225964435	2.26E-06	9.85072359
KLHL32	NR_104421	27.93019625	0.39027979	0.003483487	71.56454676
HMG20A	NM_018200	97.53711154	2.10558409	3.84E-09	46.32306636
RELL1	NM_001085400	105.5032497	3.631784267	1.19E-09	29.04997706
MINK1	NM_153827	99.7715779	11.83829402	1.22E-06	8.427867876
MLLT4	NM_001207008	63.38937993	2.517742166	1.61E-05	25.17707364
DDAH1	NM_012137	140.5252827	3.464095046	1.20E-12	40.56623183
BECN1	NM_003766	164.9095605	7.002868463	5.59E-14	23.54885878
TXLNA	NM_175852	146.742818	15.28333927	1.33E-09	9.601489268
CCAR2	NR_033902	97.09996085	19.5176159	4.88E-05	4.974990867
SSH1	NM_018984	116.5781554	9.5431742	4.39E-08	12.21586791
IQGAP3	NM_178229	86.02505507	10.58186979	1.66E-05	8.129475868
NR2C1	NM_001032287	56.78340675	4.412414751	0.000238506	12.86900937
SPG11	NM_025137	94.91420746	4.49490232	1.43E-07	21.11596665
ZNF670	NM_033213	47.8942544	3.9136746	0.000296644	12.23766902
KCTD2	NR_110834	84.22773945	14.64746648	0.000216872	5.750328193
ATIC	NM_004044	87.77365781	3.331200993	2.60E-08	26.34895282
CPSF4	NM_001081559	71.40423091	17.70235867	0.003764692	4.033599829
RDH13	NR_027382	79.8075197	14.17929746	0.000127871	5.62845373
ZKSCAN5	NM_014569	44.78548671	6.008010702	0.002410078	7.454295429
L2HGDH	NM_024884	94.86549455	2.777907885	1.13E-08	34.1499785
SMOX	NM_175841	100.6458792	12.1502254	3.81E-06	8.28345779
MFSD8	NM_152778	36.8193486	3.771738641	0.003513475	9.761903489
ALG1	NM_019109	161.3636422	9.969074146	4.55E-12	16.18642211
PHRF1	NM_001286583	133.8705966	16.11928148	2.36E-08	8.304997762
ZMYND12	NM_032257	58.96916018	8.180590278	0.000527716	7.20842362
CENPN	NM_018455	111.7207851	8.787049953	3.61E-08	12.71425401
ZMYM2	NM_001190965	81.11897176	3.564353497	4.35E-07	22.75839695
RAB5A	NM_004162	52.31447414	0.518255069	2.45E-06	100.9434877
NOMO2	NM_001004060	102.8803456	4.492927769	1.77E-08	22.89828612
NDUFAF1	NM_016013	127.7017741	7.441660619	4.92E-10	17.16038673
PDDC1	NM_182612	117.0153061	21.72904222	7.72E-06	5.385203128
TMEM18	NM_152834	93.99119317	8.537654469	6.35E-07	11.00901817
SCARA3	NM_016240	68.29546324	9.256507511	0.000114587	7.378102719
DPH6-AS1	NR_038251	41.23956835	0.19557475	0.000186483	210.8634596
LSM14A	NM_001114093	136.5422136	3.821752307	7.22E-12	35.72764603

ALDH2	NM_000690	95.73979591	7.152338512	3.41E-07	13.38580322
GUSBP11	NR_024448	93.99119317	8.458080225	8.47E-07	11.11259183
MIR22HG	NR_028505	186.6222214	33.91070084	1.13E-08	5.503343098
BTBD1	NM_025238	114.392402	3.961075848	1.05E-09	28.87912435
BAG5	NM_001015049	47.01995303	5.466224021	0.003415275	8.601907431
MBTPS2	NM_015884	55.86039251	1.309832407	2.22E-05	42.64697698
SSX2IP	NM_001166294	101.5201806	5.074782766	1.54E-08	20.00483277
COPE	NM_199442	129.0132262	14.47037507	4.04E-08	8.915679483
HMCES	NM_020187	84.22773945	3.929979453	5.54E-07	21.43210682
CHRCAC1	NM_017444	219.8956517	26.57122199	5.07E-13	8.275707147
ASCC2	NM_001242906	113.9552513	9.142805738	1.32E-08	12.46392569
ZNF148	NM_021964	63.38937993	2.746660975	1.66E-05	23.07870557
KIAA0391	NM_014672	61.64077717	2.41904086	1.62E-05	25.48149483
SLC18B1	NM_052831	82.04198601	0.459447231	5.55E-10	178.5667221
AHNAK2	NM_138420	187.059372	14.11569099	2.63E-13	13.25187496
FAM83F	NM_138435	82.91628738	9.279512244	2.49E-05	8.935414405
C12orf66	NM_152440	105.066099	2.173455331	1.07E-10	48.34058352
HIATL2	NR_002894	108.6120173	4.542423646	5.56E-09	23.91058734
ARMC1	NM_001286702	73.20154654	3.382852056	6.29E-07	21.63900322
PRRC1	NM_130809	42.11386972	2.385641213	0.000838238	17.65306094
MAN2C1	NM_001256496	178.2189327	26.79339331	1.79E-09	6.651599917
TMEM8B	NM_016446	77.13590271	12.39514222	0.000200953	6.223075246
PDPK1	NM_031268	125.9044585	10.97297634	8.28E-09	11.47404811
FHOD3	NM_025135	45.65978809	1.461362269	0.000674371	31.24467426
BIRC5	NM_001012271	137.4652279	18.39456126	5.85E-08	7.473145237
ZNF622	NM_033414	82.91628738	2.819351772	1.06E-07	29.40969914
D2HGDH	NM_001287249	165.7838619	14.19619232	4.91E-11	11.67805128
C17orf75	NM_022344	155.5832575	2.195265964	4.50E-17	70.87216768
STEAP3	NM_001008410	78.05891695	11.63391027	8.40E-05	6.7096028
ZNF749	NM_001023561	77.13590271	3.539302939	4.02E-07	21.79409449
ZNF428	NM_182498	133.4821588	17.74376433	3.42E-08	7.52276441
C7orf60	NM_152556	48.76855577	2.588799293	0.000338809	18.83829152
P4HB	NM_000918	160.0521901	34.83089566	4.50E-07	4.595121286
SHMT1	NM_004169	72.71568297	7.745905549	6.02E-05	9.387628407
ELOVL7	NM_024930	67.85831254	2.35549889	3.85E-06	28.80846721
TMEM126A	NM_032273	51.00302207	7.95180415	0.00176289	6.414018896
HES2	NM_019089	151.1630377	21.61090767	1.97E-08	6.994756537
SRSF7	NM_001031684	136.5422136	19.93788105	1.12E-07	6.848381396
FBL	NM_001436	166.2210125	8.740394952	3.65E-13	19.0175631
TCEA1	NM_201437	37.69364998	3.421228251	0.003538944	11.01757826
CA2	NM_000067	82.4791367	2.162317752	1.23E-08	38.14385588
WDR45	NM_001029896	47.45710371	7.096941116	0.002153875	6.686980057
LOC100288069	NR_033908	48.76855577	2.416339545	0.000104301	20.182824
NDUFS3	NM_004551	132.1219938	17.89431113	1.39E-07	7.38346354
YWHAE	NR_024058	150.7258871	8.678174516	6.76E-12	17.36838626
EPHX1	NM_001136018	161.3636422	11.14642977	5.33E-12	14.47671098
ERI2	NM_080663	109.9721823	2.284526521	4.04E-11	48.13784444
PMS2P1	NR_003613	120.1240738	5.251785297	3.22E-10	22.87299785
FIBP	NM_004214	105.066099	19.57822077	2.23E-05	5.366478406
HOMER1	NM_001277077	45.22263741	2.84166308	0.000642131	15.91414469
RAN	NM_001300796	138.2908163	13.1928808	1.65E-09	10.48223041
TRAF2	NM_021138	88.64795919	15.81574344	0.00010221	5.605045349
DYNLT1	NM_006519	82.91628738	10.19515038	3.08E-05	8.132914603
KCTD7	NM_001167961	76.26160134	6.94425286	9.39E-06	10.98197357
SDR42E1	NM_145168	160.0521901	5.456188314	1.07E-14	29.33406636
CRTAP	NM_006371	74.02713503	3.723407697	4.69E-06	19.88155503
YIF1B	NM_001145463	66.93529829	15.4057248	0.00369066	4.344832792
ACOXL	NM_001142807	48.33140508	4.531335048	0.001733148	10.66604093
LCA5	NM_181714	25.74444283	0.444487892	0.00455413	57.91933429
PARP3	NM_005485	97.09996085	19.006651	6.38E-05	5.108735928
PIP5K1A	NM_003557	90.4452748	7.378584845	1.22E-06	12.25780779
ABI2	NM_001282925	46.14565165	2.655179789	0.000609809	17.37948287

PCM1	NM_006197	54.11178977	4.005332295	0.000105154	13.5099377
UIMC1	NM_001199297	112.5950864	4.379565884	3.95E-09	25.70918885
CSK	NM_004383	81.11897176	13.02976135	0.000129167	6.225668265
IL17RA	NM_001289905	93.55404248	5.407874362	7.08E-08	17.29959615
LOXL2	NM_002318	109.049168	6.031091964	8.63E-09	18.08116485
DFNB59	NM_001042702	61.2036265	1.066255657	4.53E-07	57.40051752
WIBG	NM_001143853	101.5201806	5.14746492	7.63E-09	19.72236473
DHX57	NM_198963	38.56795136	2.425779816	0.003536342	15.89919708
BEX2	NM_001168399	55.86039251	5.234123088	0.000803654	10.6723498
HNRNPD	NM_031369	84.27645233	9.634950948	1.94E-05	8.746951882
PGBD1	NM_001184743	109.049168	5.190977914	1.46E-09	21.00744211
RPL23AP7	NR_024528	36.38219793	2.615731601	0.00216453	13.90899506
NDUFAF7	NM_144736	114.8295527	4.667460184	1.91E-10	24.60214939
CGGBP1	NM_001008390	79.37036901	3.971814046	5.36E-07	19.98340509
B4GALT6	NM_004775	45.22263741	0.977021846	4.38E-05	46.28620905
KBTBD2	NM_015483	63.38937993	3.862534667	4.69E-05	16.41134265
LOC100294362	NR_029376	106.4262639	8.080549162	7.92E-08	13.17067216
CRNDE	NR_110453	34.58488231	2.489806926	0.003183329	13.89058804
HYKK	NM_001083612	75.82445064	2.947543751	2.52E-07	25.72462262
RHBDD3	NM_012265	110.8464837	22.98530564	1.80E-05	4.822493353
DPP9	NM_139159	100.2087285	16.62310973	1.44E-05	6.028278113
TMEM39B	NM_018056	115.2667034	7.208761569	6.88E-09	15.98980661
TUBGCP3	NM_001286277	139.6509813	4.589405533	1.02E-11	30.42899135
COBLL1	NM_001278461	72.71568297	0.483248069	7.90E-08	150.4727853
DUSP1	NM_004417	168.4554789	22.21629001	9.91E-10	7.582520701
UBAP2	NM_001282529	110.4093329	6.304527799	5.21E-09	17.51270459
TCF7L1	NM_031283	56.29754319	5.618170237	0.000318025	10.02061896
RCC2	NM_001136204	66.06099693	14.25893469	0.001873626	4.632954589
DSG2	NM_001943	109.9234694	2.958317594	3.06E-10	37.15742678
STAT1	NM_007315	92.67974111	6.449723904	2.07E-07	14.36956721
GALK2	NM_001289030	37.2564993	0.70785577	0.00048202	52.63289627
SNAP47	NM_053052	107.737716	12.30844239	8.17E-07	8.753155973
MAST2	NM_015112	38.56795136	4.213794774	0.00400342	9.15278352
VANGL1	NM_001172411	105.5032497	4.718467478	9.10E-09	22.35964328
SNF8	NM_007241	160.4893408	19.71272851	1.11E-09	8.141406741
PLEKHO1	NM_016274	62.51507855	10.36059442	0.000676577	6.033927785
USP20	NM_006676	62.07792787	10.21924351	0.001150127	6.074610885
CYP4F11	NM_001128932	54.98609113	6.795554651	0.001452556	8.091479496
STRADB	NM_001206864	75.82445064	3.652546313	2.09E-06	20.75933996
XRCC5	NM_021141	47.01995303	4.361428363	0.002760398	10.78086102
GRK4	NM_182982	51.87732345	4.886326338	0.000888722	10.61683561
PIAS1	NM_016166	54.98609113	3.585186768	0.000106887	15.33702278
DSCC1	NM_024094	106.4262639	6.611099868	2.68E-08	16.09811771
PTBP3	NM_001244898	37.69364998	3.781009649	0.003853249	9.969202271
MLYCD	NM_012213	47.8942544	8.379357579	0.00422627	5.715742997
PAIP2B	NM_020459	38.61666424	2.118196159	0.001623931	18.23091978
PAQR8	NM_133367	90.8824255	4.666725896	1.67E-07	19.47455829
SENPI	NR_051992	160.4893408	3.083274334	3.25E-15	52.05159303
ZNF367	NM_153695	121.4842387	2.893691389	3.62E-12	41.98244469
SNHG16	NR_038111	91.36828904	21.44272157	0.000537983	4.261039753
WIP1	NM_017983	73.58998434	8.982989739	3.62E-05	8.192148324
CDC42EP4	NM_012121	186.1850708	19.688668	1.92E-11	9.456458445
KAT2B	NM_003884	51.87732345	0.860897402	1.42E-05	60.25958882
TBC1D15	NM_022771	80.2446704	2.353392999	2.91E-07	34.09743737
ZSCAN12	NR_028077	41.67671904	4.869958524	0.003704498	8.557920736
CD164L2	NM_207397	112.1579357	26.10456825	0.00012999	4.296486907
MSL2	NM_018133	79.8075197	5.192456949	2.12E-06	15.36989531
CHCHD1	NM_203298	115.7038541	19.98736231	2.56E-05	5.788850591
MRPL19	NM_014763	79.8075197	3.865599739	4.81E-07	20.64557251
UPF1	NM_002911	154.7089561	16.82961273	5.50E-10	9.192662872
GCLC	NM_001197115	96.22565948	5.693549178	5.83E-08	16.9008217
LAMP1	NM_005561	65.18669554	10.80078596	0.000615816	6.035365923

UBL3	NM_007106	69.60691528	1.532558393	2.86E-06	45.41876879
FLYWCH1	NM_032296	52.31447414	9.097779685	0.002986463	5.750246318
HEXDC	NM_173620	197.2599765	21.72169888	2.05E-12	9.081240729
HUWE1	NM_031407	84.66489013	2.850663926	1.24E-07	29.70006017
CMTM4	NM_181521	56.29754319	5.652699385	0.000294192	9.959408657
MYH14	NM_001077186	65.62384623	6.520071324	5.58E-05	10.06489699
N4BP1	NM_153029	88.2108085	2.859877839	4.26E-08	30.84425751
DSC3	NM_024423	86.46220574	0.505442515	1.64E-10	171.0623923
MBD2	NM_015832	45.65978809	2.161039244	0.000298138	21.12862513
IGHMBP2	NM_002180	139.2138305	8.472585295	4.52E-11	16.43109225
IPO7	NM_006391	86.46220574	8.282269261	4.31E-06	10.43943429
SGSH	NM_000199	121.9213894	18.36652124	8.79E-07	6.638240736
PRORSD1P	NR_027258	51.00302207	8.31696214	0.003701557	6.132410033
RMI1	NM_024945	78.05891695	2.753406662	1.60E-07	28.3499412
PEX16	NM_004813	87.33650713	14.12795288	4.29E-05	6.181823218
UBR1	NM_174916	49.69157001	2.762686717	0.000357	17.98668293
COX7A2	NR_029466	62.95222924	9.84136686	0.000465865	6.396695716
AKAP11	NM_016248	90.8824255	1.095777133	3.20E-09	82.93878635
ZNF564	NM_144976	108.1748666	6.144123697	1.66E-08	17.6062319
SMYD4	NM_052928	175.9844663	5.230202421	1.40E-15	33.64773523
ATG16L1	NM_001190266	76.69875203	6.592354013	1.94E-05	11.63450141
NRGN	NM_006176	70.04406598	10.95209515	0.000301527	6.395494657
LOC101928784	NR_120339	68.29546324	0.736710769	5.40E-08	92.70322372
TMX3	NM_019022	58.5320095	1.784137044	2.65E-05	32.80690218
ZNF808	NM_001039886	37.69364998	2.253629369	0.002663337	16.7257538
CNOT2	NM_001199303	45.22263741	2.23448895	0.000598833	20.23846993
FNIP2	NM_020840	52.75162482	2.880057391	0.000191419	18.3161714
TTC19	NM_017775	103.754647	7.047160529	7.80E-08	14.72290102
SRSF5	NM_001039465	198.6201414	21.16893609	1.90E-12	9.382622752
EP400NL	NR_003290	88.64795919	4.639849505	2.88E-07	19.1057833
DVL2	NM_004422	111.2836343	18.74661525	6.29E-06	5.936198764
CEP83	NM_001042399	71.8413816	3.323153708	2.76E-06	21.61843475
CENPBD1	NM_145039	224.753022	20.41734343	8.90E-15	11.0079464
IGLL1	NM_020070	52.31447414	1.922016756	7.09E-05	27.21853177
RAB7A	NM_004637	129.8875276	5.561052051	1.17E-10	23.35664661
KLHL25	NM_022480	54.11178977	6.643110957	0.000458397	8.145549596
WDR78	NM_207014	44.78548671	2.581627375	0.000587929	17.3477734
SAMD4A	NM_015589	47.8942544	4.188789571	0.000379677	11.43391273
ITPRIPL2	NM_001034841	126.3416091	14.95578558	6.41E-08	8.447674545
SLC25A25	NM_001006641	168.8926296	13.20610284	7.02E-12	12.78898337
ZNF292	NM_015021	109.9721823	3.415479061	8.10E-10	32.19817201
OPA1	NM_130834	87.82237075	2.275060216	4.76E-08	38.60221813
MKRN2	NM_001271707	147.6171194	9.470179746	3.09E-11	15.58757314
ACVR1B	NM_020328	82.91628738	5.666566724	1.19E-06	14.63254408
HBS1L	NM_001145158	58.96916018	2.185012852	2.53E-05	26.98801525
C1orf53	NM_001024594	114.392402	5.859081504	9.07E-10	19.52394789
ADK	NM_001123	76.26160134	2.593999104	9.70E-07	29.39923966
TXNRD2	NM_006440	140.5252827	9.368166005	4.65E-10	15.0002981
RFESD	NM_001131065	74.07584791	3.352149023	7.19E-07	22.09801754
NR2C2	NM_001291694	83.35343807	4.418529722	1.52E-06	18.86451904
JRK	NM_001077527	218.0983361	17.27478537	5.10E-15	12.62524144
STYXL1	NM_016086	118.8126218	9.457084993	2.10E-08	12.56334503
FADS2	NM_001281502	64.31239418	12.46365234	0.000713949	5.159995836
GPATCH2	NM_018040	83.35343807	0.665039042	8.95E-09	125.3361574
CCNDBP1	NR_045999	49.20570646	3.750559042	0.00068574	13.11956589
PNN	NM_002687	104.1917976	18.31320464	2.65E-05	5.689435554
PUS7	NM_019042	144.5083517	4.76190227	1.94E-12	30.34676975
KIAA1715	NM_030650	115.7038541	1.300047301	3.57E-11	88.99972644
SLC25A27	NM_004277	50.5658714	3.931208189	0.000608212	12.86267961
NOC3L	NM_022451	51.44017277	2.706308994	0.000109949	19.00750169
EFTUD2	NM_001258353	81.60483533	5.264774535	1.19E-06	15.50015766
DNAJC9-AS1	NR_038373	94.86549455	9.972057697	2.52E-06	9.513131335

ZNF121	NM_001008727	106.8634146	4.066535183	1.40E-09	26.27873849
DDX19A	NM_018332	102.0060442	6.4450731	6.16E-08	15.82698017
URB1	NM_014825	90.4452748	5.985653436	2.66E-07	15.11034272
TIMM23B	NM_001290117	94.42834386	2.278225786	2.46E-08	41.44819378
NSMCE2	NM_173685	97.53711154	6.048224711	1.11E-07	16.12656874
ARMC9	NM_001291656	53.67463907	4.858375595	0.000543962	11.04785705
NR6A1	NM_001489	102.394482	5.391655652	3.41E-08	18.99128738
CYTH3	NM_004227	99.28571429	5.387691109	4.87E-08	18.42824919
SUPT7L	NM_001282730	137.4165149	7.17784645	4.05E-11	19.14453254
RPS24	NM_001142284	99.7715779	18.91191793	4.02E-05	5.27559279
SUZ12	NM_015355	132.9962952	6.502079418	2.05E-10	20.45442491
FAXC	NM_032511	69.60691528	2.373013436	3.51E-06	29.33271014
DHX36	NM_001114397	75.82445064	2.893390297	4.18E-07	26.20609143
RBM12	NM_006047	144.071201	14.44726717	1.76E-09	9.972211307
HAUS1	NM_138443	77.62176628	2.621836524	1.56E-07	29.60587571
C11orf30	NM_001300943	72.27853228	3.390328032	2.53E-06	21.31903804
ZNF507	NM_001136156	92.24259043	1.696942757	5.30E-09	54.35810375
NOL8	NM_017948	98.89727652	8.316148911	1.55E-07	11.89219645
CENPE	NM_001286734	95.3513581	3.551345518	1.70E-08	26.84936107
MTFR2	NM_001099286	53.67463907	2.606508263	3.70E-05	20.59254514
IARS	NM_013417	90.4452748	3.524918642	2.94E-08	25.6588262
CDADC1	NR_036439	80.68182108	2.303783666	1.58E-07	35.02143985
DERL1	NM_024295	77.62176628	3.676935868	2.11E-06	21.11044877
YPEL2	NM_001005404	52.31447414	8.083513591	0.003138436	6.471749388
TMEM132A	NM_017870	76.69875203	11.99714976	0.000163995	6.393081154
WDYHV1	NM_001283027	151.1630377	6.885453253	1.39E-12	21.95397052
ABHD14A	NM_015407	122.7956908	13.04747462	5.33E-08	9.411452748
TRDMT1	NM_004412	73.58998434	4.14213712	7.20E-06	17.76618741
CREB1	NM_134442	70.48121666	3.343722586	2.20E-06	21.07866752
TRAPPC2L	NM_016209	90.00812411	11.20596647	5.09E-06	8.032160758
SESN2	NM_031459	147.1799686	13.72706629	8.73E-10	10.72188081
MISP	NM_173481	79.8075197	12.29381739	9.80E-05	6.491679286
GPR160	NM_014373	55.42324183	3.200999132	7.99E-05	17.31435703
LOC101927221	NR_125415	85.58790438	4.642077291	1.16E-07	18.43741476
URM1	NM_001135947	105.5032497	13.31446848	9.43E-07	7.923955044
RAB30-AS1	NR_038903	125.4673077	16.50845616	1.12E-06	7.600184205
ATXN2L	NM_145714	165.3467113	21.3856476	1.32E-09	7.731667253
FZD6	NM_001164616	182.2020017	6.880096744	2.46E-15	26.4824767
LOC644936	NR_004845	34.58488231	2.188184377	0.004141995	15.8052871
AGGF1	NM_018046	65.18669554	3.290210313	4.98E-06	19.81231877
RBL2	NM_005611	43.91118534	1.877040362	0.000897754	23.39384183
CAPZA1	NM_006135	38.13080067	4.029541647	0.00358662	9.462813394
ATP6V0A1	NM_001130020	75.82445064	6.581777056	4.85E-06	11.52036145
TCTEX1D2	NM_152773	58.96916018	7.651309222	0.000523994	7.707067964
TELO2	NM_016111	76.69875203	18.51524581	0.001506933	4.142464691
PRRT3-AS1	NR_046734	54.98609113	8.746598906	0.002805055	6.286568267
LOC374443	NR_002814	55.42324183	3.024666398	0.0001152	18.32375361
OAS3	NM_006187	82.91628738	7.293167884	5.75E-06	11.36903588
LEKR1	NM_001004316	129.4503768	3.614197286	1.77E-11	35.8171861
LYPD6	NM_001195685	47.45710371	2.234317137	0.00034022	21.24009297
SLC25A42	NM_178526	51.87732345	9.689013484	0.003087992	5.354242054
BAP1	NM_004656	91.31957618	19.93340709	0.00024849	4.581232689
PTPLA	NM_014241	120.6099374	2.299883757	2.26E-12	52.44175365
ATP6V0A2	NM_012463	88.69667206	5.637767184	3.70E-07	15.73258866
RPL12	NM_000976	170.6899452	40.54088077	6.88E-07	4.210316647
CYB561	NM_001017916	103.754647	20.5001901	4.50E-05	5.061155359
SLC35D1	NM_015139	50.5658714	3.863108827	0.000168394	13.08942452
DAZAP1	NM_170711	105.9404003	19.07835853	1.35E-05	5.552909606
MAP7D1	NM_018067	104.6289483	16.05436585	3.98E-06	6.517164815
SFXN4	NM_213649	111.7207851	3.051807379	3.30E-10	36.60807226
PRDM4	NM_012406	137.8536657	5.607085171	2.79E-11	24.58562006
FAM173B	NR_047668	140.9624333	3.654775477	4.15E-13	38.5693825

PEX7	NM_000288	94.42834386	2.434739734	1.28E-08	38.78375275
MYO1B	NM_012223	76.26160134	3.177316391	8.42E-07	24.00189089
PSMG1	NM_001261824	83.35343807	4.876248152	5.53E-07	17.09376461
MRPL11	NM_016050	76.26160134	17.08916517	0.001303428	4.462570324
GTF2IRD2B	NM_001003795	144.5083517	6.225956529	2.27E-12	23.21062652
HNRNPK	NM_031262	108.1748666	9.784187049	5.24E-08	11.05609144
PHAX	NM_032177	97.53711154	3.891025093	1.94E-08	25.06720188
LEMD2	NM_181336	129.8875276	14.38761633	3.58E-08	9.027730835
TMEM87B	NM_032824	69.60691528	3.264348759	3.78E-06	21.32336966
KLHL8	NM_001292007	130.7618289	3.750753188	2.79E-11	34.86281885
RPL27A	NM_000990	157.8177238	33.39111418	7.28E-07	4.726338957
INTS7	NM_001199812	58.5320095	3.403798838	5.42E-05	17.19608364
SUPT20H	NM_001014286	104.6289483	3.571001447	7.62E-10	29.2996096
SMG7	NM_201569	77.57305339	3.333226805	6.51E-07	23.27265978
WRAP73	NM_017818	58.96916018	8.697903589	0.000485926	6.779698071
RAB6A	NM_002869	101.9573313	4.206320256	2.11E-08	24.23907954
C5orf34	NM_198566	36.8193486	2.50704637	0.002782389	14.68634527
FAM126B	NM_173822	54.11178977	3.901970199	0.000103123	13.86781216
AIDA	NM_022831	59.84346156	3.319564976	2.17E-05	18.02750119
FAM72A	NM_001123168	21.76137377	0.406231498	0.004336431	53.56889822
WDR5B	NM_019069	72.27853228	8.776464142	0.000112013	8.235495652
UCHL5	NM_001199263	121.0470881	4.529016732	2.61E-10	26.72701277
TRIM65	NM_173547	213.6781163	25.39291976	1.37E-12	8.414869905
CBLB	NM_170662	41.23956835	1.445322738	0.002069791	28.53312085
CLTA	NM_001184762	89.13382275	9.310524937	6.15E-06	9.573447615
NUDT7	NM_001243657	37.69364998	1.342283932	0.001601353	28.08172629
NDE1	NM_001143979	132.1219938	7.03754235	4.71E-10	18.77388259
BCL3	NM_005178	109.4863187	18.65904367	1.30E-05	5.867734738
RASSF3	NR_040718	86.89935644	4.751110818	8.16E-07	18.29032405
POLR1E	NM_022490	82.4791367	8.927973361	1.66E-05	9.238282123
RABGEF1	NM_014504	122.3585401	6.283230602	3.61E-10	19.4738261
FTH1	NM_002032	186.3312094	16.63618793	2.26E-12	11.20035492
PRPSAP2	NM_001243941	91.31957618	3.699027311	2.79E-08	24.68745659
ANKRD26	NM_014915	61.2036265	1.243784733	1.93E-05	49.20757174
CA5BP1	NR_026551	56.73469387	1.320962265	1.27E-05	42.94951899
ANKH	NM_054027	73.58998434	1.670811811	1.22E-06	44.04444823
ATP5A1	NM_004046	132.1219938	8.110031806	2.74E-10	16.29118072
DPY30	NM_032574	63.38937993	2.615944321	3.25E-06	24.2319301
CDK19	NM_015076	84.22773945	3.793726918	2.68E-07	22.20184565
MTCH1	NM_014341	125.4673077	17.98267022	2.69E-07	6.977123319
SIRT5	NM_012241	96.22565948	6.146974378	5.45E-08	15.65415009
CTNNAL1	NM_003798	131.1989796	3.740393094	3.49E-11	35.07625436
FAM171B	NM_177454	72.27853228	1.422128037	1.15E-06	50.8242088
ZYX	NM_003461	120.1240738	17.57629749	4.04E-07	6.834435629
CCDC58	NM_001017928	55.42324183	4.535502351	0.000342358	12.21986839
USP13	NM_003940	59.40631088	0.847013687	1.93E-06	70.13618762
ZC3H13	NM_015070	53.67463907	2.956320651	9.59E-05	18.15589221
PNISR	NM_032870	54.11178977	3.845048703	0.000324699	14.07310907
ERCC4	NM_005236	46.58280234	3.67043175	0.000490289	12.69136862
OSBPL5	NM_001144063	70.48121666	10.83052471	0.000264161	6.507645616
CMAS	NM_018686	51.44017277	2.214175851	6.62E-05	23.23219845
IRAK1BP1	NM_001010844	38.13080067	1.168279197	0.002102732	32.63843161
CHAMP1	NM_001164145	200.3687442	8.846327249	1.28E-16	22.64993579
OGFOD3	NR_033265	197.2599765	17.73652862	5.13E-13	11.12167893
FGGY	NM_018291	44.34833603	0.1988227	5.62E-05	223.0546919
COA7	NM_023077	83.79058876	5.000016953	1.29E-06	16.75806093
PHF3	NM_001290259	58.09485881	2.774852819	4.88E-05	20.93619468
LOC100996255	NR_102756	98.41141291	2.373534123	2.54E-09	41.46197519
DOCK11	NM_144658	38.13080067	1.381224293	0.00368917	27.60652333
METTL17	NM_022734	55.42324183	5.984407098	0.000655302	9.26127533
EMC9	NM_016049	157.8177238	28.07400916	2.55E-07	5.621488648
ADAR	NM_015840	50.12872071	7.397374436	0.002680745	6.776555809

SPAG9	NM_001130527	265.9925904	6.025701716	2.01E-23	44.14300657
FAM212B	NM_019099	63.43809281	13.12352244	0.002643945	4.833922682
KIAA1143	NM_020696	89.57097344	5.119063284	3.89E-07	17.49753196
CBFB	NM_001755	123.6699922	2.640152367	1.60E-11	46.84199054
TMEM161A	NM_017814	61.2036265	11.13738771	0.001627624	5.495330511
RAD21-AS1	NR_033886	105.066099	6.541972591	1.75E-08	16.06030865
TBC1D22A	NM_001284303	77.13590271	4.309376317	6.19E-06	17.89955136
MRPL24	NM_145729	83.79058876	11.32603726	3.35E-05	7.398049896
RAB31	NM_006868	88.64795919	4.552395854	5.38E-07	19.47281432
PRR21	NM_001080835	41.67671904	1.076025258	0.001573421	38.73210106
PITPNC1	NM_181671	67.42116185	5.504703045	3.43E-05	12.24791988
ATP11A	NM_032189	58.96916018	5.341476661	0.000181654	11.03986106
NUB1	NM_001243351	86.89935644	7.960420357	3.43E-06	10.9164281
LINC01184	NR_015360	52.80033771	3.058571795	0.000162493	17.26306958
DCTN4	NM_016221	47.8942544	4.902505521	0.001469739	9.769342266
SLC43A1	NM_003627	42.11386972	6.526807874	0.004356683	6.452445136
COX15	NM_004376	108.1748666	7.433806442	1.89E-08	14.55174647
SCAF1	NM_021228	82.4791367	17.14567188	0.000219551	4.810493125
CDK9	NM_001261	112.1579357	25.25881085	6.40E-05	4.440349008
SLC4A7	NM_001258379	140.9624333	1.909248932	4.01E-13	73.83135375
DHPS	NM_001930	104.6289483	13.48212236	2.33E-06	7.760569552
ASTE1	NM_014065	90.8824255	3.091634312	1.07E-08	29.39624041
CCNYL1	NM_152523	52.75162482	5.837580624	0.000835238	9.036556103
RCBTB2	NM_001286831	96.22565948	2.655340034	3.09E-09	36.23854506
HNRNPLL	NM_001142650	76.69875203	4.029570518	3.00E-06	19.03397687
MAP2K5	NM_001206804	51.00302207	3.041288396	0.000206116	16.77020244
SLC19A2	NM_006996	55.90910538	3.989527572	0.000163787	14.01396641
PLEKHH2	NM_172069	56.78340675	2.737569194	5.54E-05	20.7422727
AP5S1	NM_001204447	74.56171144	11.10400473	0.000303072	6.714848675
KIAA0247	NM_014734	92.19387756	5.01140385	2.71E-07	18.3968166
BACH1	NM_001186	123.6699922	1.285931504	9.54E-13	96.17152377
ZNF490	NM_020714	47.8942544	4.765356117	0.001339203	10.05050897
OGDHL	NM_001143997	46.14565165	5.997944714	0.002388303	7.693577359
C1orf21	NM_030806	73.15283366	0.594486622	7.42E-08	123.0521108
CEP85	NM_022778	132.9962952	8.243362008	1.83E-10	16.13374435
TM2D1	NM_032027	40.80241766	1.399457023	0.00137622	29.15589189
CDCA5	NM_080668	111.2836343	16.29577961	1.13E-06	6.828984988
POC1B	NM_172240	61.64077717	2.809578247	1.53E-05	21.93951253
PDGFC	NM_016205	27.93019625	1.250512267	0.004054886	22.33500381
SPATS2	NM_001293286	154.2718054	6.161528306	9.24E-13	25.0379123
DNMT1	NM_001379	115.2667034	12.39305454	3.10E-07	9.30091149
RAD51C	NM_002876	147.1799686	8.090344995	5.76E-12	18.19205099
POLR2H	NM_001278715	89.57097344	12.17792918	2.11E-05	7.355189219
SNRNP35	NM_022717	100.2087285	8.006920491	1.16E-07	12.5152646
ATP5J2-PTCD1	NM_001198879	112.1579357	15.84326687	1.82E-06	7.079217729
AMOTL1	NM_001301007	50.5658714	3.412531649	0.000189287	14.81770035
ROCK2	NM_004850	115.7038541	3.399035597	3.07E-10	34.04020076
C11orf73	NR_024597	54.98609113	2.279009096	6.45E-05	24.12719248
FAM169A	NR_046462	136.1050629	3.783512094	1.33E-11	35.97320677
ITPK1	NM_001142593	113.0322371	9.523217804	2.06E-08	11.86912233
CYBA	NM_000101	175.5473156	41.45118112	7.07E-07	4.235037722
SLC16A6	NM_001174166	61.64077717	8.09647874	0.000292833	7.613282163
MYO9B	NM_001130065	137.8536657	8.749053323	2.13E-10	15.75640936
TMEM110	NM_198563	87.33650713	5.227762578	3.98E-07	16.70628798
ZNF594	NM_032530	148.4914208	8.53654536	3.85E-12	17.39479081
ZNF497	NM_198458	89.57097344	13.30655239	4.06E-05	6.731343388
LOC400794	NR_026744	42.11386972	0.189572274	3.17E-05	222.1520522
BACE2	NM_138991	54.98609113	0.831150281	6.91E-06	66.15661741
SIVA1	NM_006427	136.1050629	18.16977908	6.39E-08	7.490738456
FUT8-AS1	NR_024334	72.71568297	12.98749086	0.001145791	5.598901571
FRMD8	NM_001300833	98.41141291	15.62077378	1.96E-05	6.300034448
TOP3A	NM_004618	83.79058876	8.31590033	6.60E-06	10.07594914

TXN2	NM_012473	200.3687442	12.48855905	5.53E-15	16.04418439
B4GALT1-AS1	NR_108110	82.91628738	4.035726038	1.84E-07	20.5455689
RPL4	NM_000968	123.2815543	24.33353912	9.57E-06	5.0663224
MPZL3	NM_001286152	90.8824255	3.434024658	5.84E-08	26.4652804
FAF2	NM_014613	90.00812411	3.228158948	2.19E-08	27.88218473
GAREM	NM_001242409	47.8942544	1.359802499	0.000332585	35.22147844
LARP4B	NM_015155	81.11897176	5.853607846	3.08E-06	13.85794435
NVL	NM_001243147	111.7207851	2.442585567	3.09E-10	45.73873955
ARCN1	NM_001655	126.3416091	3.77452429	2.87E-11	33.47219396
DSE	NM_013352	82.4791367	2.072932875	1.11E-07	39.78861915
ABCD3	NM_001122674	90.00812411	3.090862384	2.07E-08	29.12071549
AK6	NM_016283	175.5473156	7.570908807	2.31E-14	23.18708627
CEPT1	NM_001007794	58.96916018	2.91966552	2.05E-05	20.19723142
RCBTB1	NM_018191	66.49814761	3.496077055	6.80E-06	19.02079004
CISD1	NM_018464	44.34833603	0.713241077	7.50E-05	62.17860617
TRIM13	NM_001007278	84.22773945	7.212618863	4.10E-06	11.67783035
KCTD18	NM_152387	128.5760755	4.581198494	8.69E-12	28.06603462
SFTA3	NM_001101341	29.72751187	0.372257666	0.001576074	79.85735311
C20orf24	NM_018840	110.4093329	11.42094551	1.77E-07	9.667267285
GOT1	NM_002079	44.78548671	5.641281234	0.002464012	7.938885664
TIRAP	NM_001039661	165.3467113	8.715531409	3.54E-13	18.97150082
ZDHHC17	NM_015336	113.0322371	2.155631384	1.18E-10	52.43579116
CLPTM1L	NM_030782	66.06099693	8.328673889	0.00017429	7.931754539
STARD3	NM_006804	123.7187051	17.25713653	5.86E-07	7.16913289
FAM86HP	NR_024252	62.07792787	11.46434957	0.000857068	5.414866976
H2AFY	NM_138609	173.75	8.030096936	7.04E-14	21.63734777
ETFA	NM_001127716	117.9383204	4.179484328	1.11E-09	28.21839039
PSAT1	NM_058179	73.15283366	1.450864259	2.02E-07	50.42017764
CTDSPL2	NM_016396	44.34833603	4.422022638	0.002770474	10.02897083
SEMA4B	NM_198925	95.30264523	13.10047642	1.01E-05	7.274746518
KDF1	NM_152365	124.5930065	15.13729349	1.21E-07	8.230864163
FAM86A	NM_201598	63.38937993	12.16694888	0.002388303	5.209965175
SF3A3	NM_006802	75.38729997	5.272553277	5.95E-06	14.2980632
TXNDC9	NM_005783	135.2307615	2.331190698	8.77E-14	58.00930899
HHEX	NM_002729	93.11689181	15.31566788	2.70E-05	6.079845329
RFC3	NM_181558	61.64077717	2.812423077	1.66E-05	21.91732022
DDX46	NM_014829	56.78340675	6.197585925	0.000292759	9.162181443
CLTC	NM_004859	104.6289483	7.204309731	8.22E-08	14.52310522
ZNF843	NM_001136509	48.33140508	1.932057833	3.21E-05	25.0155064
FBXO17	NM_024907	55.42324183	5.314872767	0.000425788	10.4279527
NACA	NR_045277	100.6458792	13.38555836	6.51E-06	7.518989983
TUBA8	NM_018943	37.2564993	3.349468393	0.002754166	11.12310819
CECR5	NM_033070	57.22055744	6.879214936	0.000819873	8.317890627
CAPN5	NM_004055	82.4791367	10.22329593	3.02E-05	8.067763791
RNFT1	NM_016125	98.89727652	10.17480229	3.52E-07	9.719822925
FKRP	NM_024301	123.2328415	15.54271943	7.96E-08	7.928653801
ENO1	NM_001428	124.1558557	22.02243643	1.58E-06	5.637698451
GSPT1	NM_002094	71.8413816	4.266047521	1.20E-05	16.84026754
ARHGEF3	NM_001128615	54.11178977	3.818341722	0.000117183	14.17154192
MPST	NM_021126	70.04406598	7.477598977	2.46E-05	9.367186739
FAM133B	NM_001288584	72.27853228	2.871451796	9.48E-07	25.17142457
PSMA6	NM_001282232	71.8413816	4.753256516	8.46E-06	15.1141394
CPT1A	NM_001031847	88.64795919	6.967446195	2.55E-06	12.7231638
PPP2R3C	NM_017917	64.31239418	3.107982115	4.98E-06	20.69265259
PTCD2	NM_001284404	79.37036901	4.130549117	1.61E-06	19.21545218
ACTR3	NM_005721	52.31447414	2.336439171	0.000156603	22.39068528
CHMP2B	NM_001244644	69.1697646	1.793389264	9.89E-07	38.5692978
UFD1L	NM_005659	110.8464837	7.162749093	1.24E-08	15.47541066
NMT1	NM_021079	109.049168	11.59145354	2.09E-07	9.407721612
FAM83D	NM_030919	71.40423091	8.461998297	5.57E-05	8.438223266
TIGD1	NM_145702	158.2548744	18.94897562	2.48E-09	8.351632171
NCKAP1	NM_205842	45.22263741	3.966249223	0.000650854	11.4018648

FAM35A	NM_019054	83.79058876	1.80255976	1.35E-07	46.48422238
SLC36A1	NM_078483	57.65770813	4.199763346	0.000237682	13.72879931
DENND4B	NM_014856	137.4165149	16.80563926	2.70E-08	8.176809748
SMIM7	NM_001300925	87.33650713	18.32694513	0.000138379	4.765469995
ZBTB1	NM_014950	129.4503768	4.914626155	2.31E-11	26.33982173
CHST11	NM_018413	49.20570646	5.445523036	0.001730687	9.035992711
POLR2J2	NM_032959	66.93529829	5.884527504	4.08E-05	11.37479572
CAMK1D	NM_020397	62.51507855	2.963124857	1.94E-05	21.09768625
BAIAP2	NM_006340	232.7191601	28.72915295	1.94E-13	8.10045324
MCM2	NR_073375	99.33442714	9.233430501	6.60E-07	10.75812799
ST3GAL1	NM_003033	59.40631088	4.725338797	0.000170202	12.57186277
USP16	NM_001001992	97.97426223	4.573283114	2.95E-08	21.42317888
RABGAP1	NM_012197	101.5201806	4.014581222	3.72E-09	25.28786317
TMBIM1	NM_022152	81.60483533	17.62507469	0.000586623	4.630041957
KIAA0196	NM_014846	100.6458792	5.440014022	3.90E-08	18.50103305
PLXNB1	NM_002673	98.41141291	13.15299129	5.63E-06	7.482055659
LONRF1	NM_152271	52.75162482	1.864819808	9.19E-05	28.28778663
CS	NM_004077	96.66281017	9.849045355	1.39E-06	9.814434465
ZBTB43	NM_014007	55.42324183	4.714579457	0.000403288	11.75571275
TBC1D9	NM_015130	63.38937993	2.438923739	1.57E-05	25.99071833
WBP11	NM_016312	82.91628738	2.491779207	1.65E-08	33.27593678
DARS	NM_001293312	119.2497724	1.989627586	2.31E-11	59.93572529
VPS54	NM_001005739	59.40631088	1.552866838	2.48E-05	38.2558951
RPL34	NM_033625	64.74954487	8.635304157	0.000342369	7.498235579
PITRM1	NM_001242307	123.6699922	4.580190764	1.07E-10	27.00105707
NDNL2	NM_138704	126.3416091	18.85409219	1.94E-06	6.701017894
FBXO38	NM_030793	93.11689181	2.002125057	6.13E-09	46.50902874
BLVRA	NM_001253823	55.86039251	3.616146014	4.50E-05	15.44749363
GANAB	NM_198335	65.18669554	12.34625583	0.001687577	5.27987565
CHRNA1	NM_000079	40.36526697	1.683046472	0.000817899	23.9834536
PIGY	NM_001042616	110.4093329	9.494475092	8.85E-08	11.628798
RNF6	NM_183044	73.15283366	2.375376786	2.55E-07	30.79630739
POLR3GL	NM_032305	54.11178977	5.644963232	0.000287103	9.585853361
DDX11	NM_152438	84.27645233	9.166262036	2.35E-05	9.194200645
C19orf47	NM_001256441	108.6120173	8.875478304	1.23E-07	12.23731427
PET117	NM_001164811	120.1727867	8.939750156	6.12E-09	13.44252184
RMDN3	NM_018145	75.82445064	9.945550999	5.95E-05	7.623956747
ARMS2	NM_001099667	33.27343024	1.20276093	0.001670559	27.66420941
FRAT2	NM_012083	97.97426223	7.616621306	8.42E-07	12.86321826
NUDT4P2	NR_104005	96.22565948	5.090537174	2.58E-08	18.90284978
RBAK	NM_021163	83.35343807	7.527955071	4.56E-06	11.07252066
PSMC3	NM_002804	86.46220574	17.98843041	0.000228711	4.806545307
POGLUT1	NR_024265	80.68182108	1.930526159	4.87E-08	41.79265881
PUS10	NM_144709	39.49096561	3.537022329	0.002045157	11.16503147
SEMA4F	NR_073399	42.16258261	6.208912238	0.00427938	6.79065527
NTAN1	NM_001270766	83.79058876	6.141915343	3.00E-06	13.64242001
CSGALNACT2	NM_018590	97.97426223	1.015866649	4.54E-10	96.44401887
LINC01481	NR_120460	73.15283366	4.944749204	3.92E-06	14.79404326
MPZL1	NM_024569	76.69875203	3.292942106	5.95E-07	23.29186167
C1orf123	NM_017887	224.753022	12.80345287	4.09E-18	17.55409453
AHNAK	NM_001620	57.65770813	11.94701974	0.003040727	4.82611642
LOC100506747	NR_036557	63.43809281	4.387684951	4.69E-05	14.4582151
MAP4	NM_001134364	78.93321834	4.285470009	3.26E-06	18.41880078
VBP1	NM_003372	54.54894044	1.354397903	2.13E-05	40.2754171
C22orf29	NM_024627	129.4503768	21.09666486	7.45E-07	6.136058834
UBIAD1	NM_013319	130.3246782	8.875048274	3.93E-10	14.68439091
C14orf119	NM_017924	76.69875203	6.296486893	5.89E-06	12.18119776
AP2A2	NM_012305	97.53711154	8.341485494	4.94E-07	11.69301458
PSMD5-AS1	NR_024408	86.89935644	6.470040581	8.86E-07	13.43103731
BRK1	NM_018462	75.38729997	3.368213592	9.47E-07	22.38198318
IFNAR2	NM_000874	87.33650713	6.277926594	3.00E-07	13.9116802
AMFR	NM_001144	98.8485636	3.826925138	2.93E-08	25.8297615

AAR2	NM_001271874	90.8824255	6.800805927	5.91E-07	13.36347875
RNF169	NM_001098638	82.91628738	5.174100972	1.55E-06	16.02525498
CHD6	NM_032221	32.83627956	0.484783356	0.001858219	67.73392514
LOC101928414	NR_120335	47.8942544	2.355492935	0.000186878	20.33300703
COP5	NM_006837	46.14565165	3.732822779	0.001776749	12.362133
OXR1	NM_181354	107.737716	2.21431797	4.78E-10	48.65503395
CCDC94	NM_018074	75.38729997	10.94787402	0.000115153	6.886021871
TSTD3	NM_001195131	154.7089561	6.622272565	4.00E-13	23.36191309
C20orf27	NM_001258429	68.29546324	10.58472733	0.000280961	6.452264771
LYRM7	NR_121658	62.51507855	2.318234513	7.20E-06	26.9666758
DTWD2	NM_173666	114.392402	0.814548039	3.70E-12	140.4366551
HEXIM2	NM_144608	129.8875276	18.01242798	2.16E-07	7.210994969
HNRNPH2	NM_019597	41.23956835	1.018844743	0.000121397	40.47679358
NAA20	NM_181528	65.62384623	5.591438582	2.44E-05	11.736487
TMEM33	NM_018126	108.1748666	2.942585643	6.69E-10	36.76184138
LOC101929057	NR_111915	105.9404003	3.800104028	6.60E-09	27.87828953
PFN4	NM_199346	91.31957618	7.261291726	6.50E-07	12.57621641
MYO18A	NM_203318	80.68182108	13.82144132	0.000181185	5.837439033
PDCD2L	NM_032346	63.38937993	4.562118264	4.99E-05	13.89472527
FAM20B	NM_014864	102.8316327	3.860484257	1.27E-08	26.63697759
RPS7	NM_001011	86.02505507	18.01043871	0.000431672	4.776399758
CASD1	NM_022900	87.33650713	0.997793887	4.56E-09	87.52960734
XRCC6	NM_001288978	62.07792787	9.820996163	0.001129039	6.320940039
ZCCHC6	NM_001185074	101.0830299	3.012206895	3.16E-09	33.5577978
GLB1	NM_000404	83.79058876	4.324305306	1.50E-06	19.37665887
LOC100507217	NR_037601	205.6632653	2.553904426	1.18E-23	80.5289592
LOXL1	NM_005576	100.6458792	11.35147867	8.05E-07	8.866323248
COPZ1	NM_016057	53.23748838	5.604539709	0.000396571	9.498993878
CHSY1	NM_014918	81.55612244	3.641744562	1.85E-07	22.39479487
PAM	NM_001177306	36.38219793	2.766994375	0.003866073	13.14863458
TRAPPC2	NM_001011658	73.58998434	2.818004142	3.19E-07	26.1142215
NDRG3	NM_022477	55.86039251	3.227427685	5.34E-05	17.30802297
SLC26A2	NM_000112	70.48121666	3.830008564	7.41E-06	18.40236529
EXOC8	NM_175876	94.86549455	14.05883229	1.96E-05	6.747750637
CIAPIN1	NM_020313	131.2476924	7.170547145	7.50E-11	18.30372073
FBXO7	NM_001033024	45.70850097	0.739388926	1.06E-05	61.81929341
MAPK9	NM_139068	127.2159105	7.531799271	6.90E-10	16.89050729
PNO1	NM_020143	51.87732345	0.409112648	3.08E-07	126.8044969
SURF6	NM_006753	80.68182108	13.92036778	0.000144255	5.795954703
MFSD2A	NM_001287808	53.67463907	11.76154078	0.004315368	4.563572075
TBC1D19	NM_018317	97.97426223	2.59760816	1.08E-08	37.71710596
ATP6V0C	NM_001694	155.5832575	25.5282274	3.50E-08	6.094557803
NLRX1	NM_024618	160.0521901	16.76764027	2.54E-10	9.545301991
PTBP1	NM_002819	186.6222214	31.14781711	1.65E-09	5.991502413
SLC25A14	NM_001282196	109.4863187	0.432064643	1.70E-13	253.4026345
EPN1	NM_001130072	91.31957618	13.33955158	1.50E-05	6.845775561
FADS3	NM_021727	65.62384623	14.75146378	0.004033329	4.44863284
ERAL1	NM_005702	124.1071429	6.718573336	3.77E-10	18.47224651
ALMS1	NM_015120	43.91118534	2.41692034	0.001204006	18.16823857
PIGC	NM_002642	68.73261391	7.811942245	7.29E-05	8.798402723
C16orf72	NM_014117	175.1101649	8.889424692	1.26E-13	19.69870615
HMBX1	NM_024567	56.29754319	3.177021144	5.90E-05	17.72022931
KDM3B	NM_016604	77.13590271	5.556796847	5.01E-06	13.88136094
HELZ	NM_014877	154.7089561	3.419577869	7.00E-14	45.24212112
GAN	NM_022041	152.086052	5.496905328	6.85E-13	27.6675771
NUP62	NM_001193357	104.6289483	17.56004978	1.19E-05	5.958351462
GRB10	NM_001001555	46.09693877	3.503241314	0.000674823	13.1583681
CTR9	NM_014633	120.1727867	5.383492722	1.91E-10	22.32245735
SLTM	NM_024755	116.1410048	4.220252164	6.56E-10	27.51992067
CCDC132	NM_001257998	30.60181325	1.243340056	0.00199865	24.61258536
GAS2L1	NM_152236	105.5032497	20.58508939	3.14E-05	5.125226694
RPL36A-HNRNPH2	NM_001199974	59.40631088	7.529358183	0.000493631	7.889956811

RNF2	NM_007212	77.13590271	2.650508068	4.47E-07	29.10230821
UBXN7	NM_015562	62.07792787	5.894959389	9.29E-05	10.53067948
TAOK2	NM_001252043	93.55404248	16.95330782	7.17E-05	5.518335625
MIR181A1HG	NR_040073	30.60181325	1.23135339	0.001997492	24.85217771
TROVE2	NM_004600	124.5930065	4.10491073	2.34E-11	30.35218417
CRELD2	NM_001284318	79.37036901	13.60087789	0.000227661	5.835679848
SCAMP2	NM_005697	151.1630377	9.686649453	1.92E-11	15.60529659
SLMO1	NM_001142405	90.8824255	7.246403207	7.41E-07	12.54172903
HNRNPR	NM_001297622	87.33650713	6.733352591	1.82E-06	12.97073129
EARS2	NR_003501	86.46220574	3.313281159	4.62E-08	26.09564405
LOC646903	NR_036538	133.4334458	11.11251846	2.39E-09	12.00748924
CSNK2A1	NM_177560	126.7787599	4.669441339	1.30E-10	27.15073404
LOC100507530	NR_125386	82.4791367	4.759293937	1.51E-06	17.33012035
RPRD1B	NM_021215	98.89727652	3.961678209	2.81E-08	24.96348045
DMAP1	NM_001034024	104.1917976	19.13169647	2.48E-05	5.446030244
ZNF235	NM_004234	44.34833603	1.725411128	0.000211953	25.70305437
CDC20	NM_001255	140.5252827	29.34581844	2.05E-06	4.788596473
TMEM199	NM_152464	86.46220574	6.9505087	2.55E-06	12.43969463
SMC5-AS1	NR_039990	40.80241766	2.285781228	0.001646214	17.85053493
UBP1	NM_001128161	159.1291758	5.080520561	6.91E-14	31.32143132
TSPAN33	NM_178562	51.87732345	8.736619515	0.00274352	5.937917219
PSKH1	NM_006742	129.4503768	10.61898088	3.17E-09	12.19047084
SLC29A3	NR_033414	79.37036901	5.84108196	2.19E-06	13.58829915
CCT4	NM_006430	157.3805731	10.09616979	3.33E-12	15.58814644
PPIL2	NM_014337	104.6289483	12.27685253	1.18E-06	8.522457038
SEC24B-AS1	NR_039978	78.93321834	2.253160902	1.70E-08	35.03221553
RP2	NM_006915	37.69364998	2.728455729	0.003261163	13.81501249
NLE1	NM_001014445	84.22773945	5.313591153	1.18E-06	15.85137754
ZMYM5	NM_001142684	94.86549455	5.366299127	9.07E-08	17.67801092
CMTM8	NM_178868	97.97426223	5.103258915	9.21E-08	19.19837184
WEE1	NM_001143976	49.20570646	2.477909041	0.00011752	19.85775331
SLC7A6	NM_003983	78.93321834	5.773353345	1.97E-06	13.67198812
CNNM4	NM_020184	180.4046861	9.682674968	1.26E-13	18.63169906
SSRP1	NM_003146	81.11897176	18.51470013	0.000754248	4.381327875
SPECC1L-ADORA2A	NR_103546	141.399584	6.685673429	1.77E-11	21.14963967
EML2	NM_012155	62.95222924	11.93627865	0.001096733	5.274024768
MRPL32	NM_031903	67.85831254	4.395404779	8.17E-06	15.43846721
ZNF296	NM_145288	100.6458792	25.05356321	0.000483128	4.017228144
PLEKHO2	NM_001195059	160.4893408	10.28468768	3.03E-12	15.60468785
PAXBP1-AS1	NR_038879	75.38729997	5.644324052	1.49E-05	13.35630259
OAT	NM_000274	195.9485244	8.427811892	2.95E-16	23.2502252
RC3H2	NM_018835	158.2548744	4.038770656	7.83E-14	39.18392202
SOBP	NM_018013	62.95222924	4.01623275	1.81E-05	15.67444746
MKL1	NM_001282662	119.6869232	4.598732229	9.94E-10	26.02606919
SUSD1	NM_001282643	87.77365781	5.394720738	5.42E-07	16.27028758
EMP2	NM_001424	60.76647581	6.587787714	0.000156565	9.224109588
UBAC2	NM_001144072	184.8736186	5.424209801	1.52E-15	34.08305088
ABCC4	NM_005845	79.8075197	1.454343766	4.14E-07	54.87527884
TTC1	NM_001282500	36.8193486	2.315012581	0.003303353	15.90459979
SEC22C	NM_032970	97.09996085	5.400842977	4.16E-08	17.97866764
THAP9-AS1	NR_034077	67.85831254	11.95104996	0.000588768	5.67802099
H3F3A	NM_002107	131.1989796	8.182085679	8.57E-11	16.03490659
TMEM41A	NM_080652	115.752567	10.5152087	2.23E-08	11.00810933
DAD1	NM_001344	83.35343807	3.870485104	4.88E-07	21.5356566
ANXA5	NM_001154	150.2887363	3.454170877	3.90E-14	43.50935192
MID2	NM_012216	31.47611462	1.283450249	0.001947802	24.5246083
C18orf32	NM_001035005	164.4724099	6.981140915	2.53E-14	23.55953158
SH2B3	NM_005475	72.71568297	10.72409564	0.000243259	6.780588819
PPP5C	NM_006247	78.93321834	10.79786156	4.89E-05	7.31007875
DRAM1	NM_018370	113.5181006	2.781814959	6.08E-11	40.80720761
LOC728730	NR_037875	89.57097344	1.801077912	5.50E-08	49.73187048
NDUFS7	NM_024407	140.0881319	27.47592255	1.27E-06	5.098577917

PTENP1-AS	NR_103745	35.02203299	3.124444932	0.003785106	11.20904152
TNIP2	NM_001292016	126.7787599	15.167221	5.32E-08	8.358733609
CASP3	NM_032991	42.11386972	2.540010242	0.000658396	16.58019681
UBXN2A	NM_181713	121.9213894	3.245764555	1.68E-11	37.56322659
ISOC1	NM_016048	93.11689181	4.379088662	2.74E-08	21.2639887
SGK3	NM_001033578	86.89935644	4.311259461	9.37E-07	20.15637361
INTS5	NM_030628	161.8495057	27.45746813	2.25E-08	5.894553166
ZNF398	NM_170686	101.9573313	5.288711127	1.21E-08	19.27829462
HSF2BP	NM_007031	101.0830299	2.700697818	5.03E-09	37.42848579
PGPEP1	NM_017712	101.5201806	12.81444305	2.00E-06	7.92232485
SNX3	NM_152827	51.00302207	5.304086154	0.000838217	9.615798195
HSP90AA1	NM_001017963	73.15283366	12.25412024	0.00015372	5.969652021
STAU2	NM_014393	70.04406598	2.891691323	2.84E-06	24.22252522
FOXA3	NM_004497	109.4863187	13.30894363	8.07E-07	8.226522085
TMEM52B	NM_001079815	34.58488231	1.862403776	0.004132369	18.57002372
ZCCHC11	NM_015269	113.4693878	2.073563149	1.76E-10	54.72193496
UBE2G1	NM_003342	120.1240738	5.153712962	7.14E-10	23.30825847
MIPEPP3	NR_038939	75.38729997	6.155505557	6.62E-06	12.24713377
RHOG	NM_001665	120.1240738	13.17041215	1.33E-07	9.120752822
TGFA	NM_003236	80.68182108	5.417353578	2.93E-06	14.89321676
ZNF623	NM_001082480	159.6150394	10.97770951	7.83E-12	14.53992194
DCAF17	NR_028482	106.4262639	2.834621555	5.55E-10	37.54514026
HSD11B2	NM_000196	117.0153061	20.48850231	4.06E-06	5.711266952
CCNT2	NR_037649	72.27853228	3.101595282	1.42E-06	23.30366335
UBE3A	NM_000462	77.13590271	1.433618135	4.31E-07	53.80505507
RSL24D1	NM_016304	37.2564993	2.260376151	0.001971585	16.48243337
ZBED5	NM_001143667	87.33650713	15.72320393	8.12E-05	5.554625348
RASA1	NM_002890	58.09485881	3.546229799	5.75E-05	16.38214727
CCDC3	NM_031455	69.60691528	4.381293592	2.91E-05	15.88729763
SEC24D	NM_014822	77.13590271	2.373170884	6.47E-07	32.50330738
USP18	NM_017414	57.65770813	3.137571524	3.00E-05	18.37653984
GIN1	NM_017676	57.65770813	3.439137343	3.68E-05	16.7651659
RNGTT	NM_001286426	54.54894044	2.602397478	0.000114486	20.96103339
SMARCAL1	NM_001127207	45.22263741	3.317885181	0.000591468	13.62995853
LOC101926941	NR_120664	48.33140508	6.420276278	0.001687234	7.527932287
CCDC124	NM_001136203	100.6458792	14.99980801	6.22E-06	6.709811163
RANBP2	NM_006267	102.4431948	1.14528562	3.41E-10	89.44772643
POLM	NM_001284330	101.5201806	17.58903291	1.19E-05	5.771788655
C17orf70	NR_033338	127.7017741	30.50532085	2.37E-05	4.186213113
EIF5B	NM_015904	98.89727652	3.544803368	3.50E-09	27.89922775
C4orf32	NM_152400	77.13590271	5.010529596	3.67E-06	15.39476042
KLHL9	NM_018847	107.737716	3.912241026	1.38E-10	27.53861924
RBM26	NM_001286631	87.33650713	1.905536259	3.55E-08	45.83303346
RMI2	NM_152308	80.2446704	19.52600201	0.001380938	4.10963137
NOL10	NM_001261394	91.31957618	3.886155935	3.72E-08	23.49869066
C5orf63	NM_001164479	41.67671904	1.868644636	0.000671926	22.30318072
KATNAL1	NM_032116	74.51299858	3.036931992	1.30E-06	24.53561647
FLCN	NM_144997	96.22565948	10.62095214	1.34E-06	9.059984287
NASP	NM_002482	171.5642466	9.717017728	4.11E-13	17.65605985
RAP1B	NM_015646	108.6120173	4.692802385	4.30E-09	23.14438334
TAF1B	NM_005680	129.4503768	3.600727304	9.05E-12	35.95117482
SPG7	NM_003119	214.115267	18.95475084	4.07E-14	11.29612669
SERPINB1	NM_030666	64.31239418	5.77357738	6.43E-05	11.13908933
ZCCHC7	NM_001289120	109.4863187	3.05886859	1.16E-09	35.79307692
ARHGEF5	NM_005435	138.8253928	12.16317889	1.13E-09	11.41357814
RGS5	NM_001254748	30.16466256	0.487148114	0.001775542	61.92092654
ETS2	NM_001256295	60.76647581	6.794492451	0.00043958	8.943490077
DHDH	NM_014475	101.9573313	9.994551096	6.47E-07	10.20129171
KCNS3	NM_002252	29.2903612	1.000580191	0.003095382	29.27337704
PLEKHA1	NM_001001974	46.14565165	5.104483408	0.002652451	9.040219738
TRAFD1	NM_001143906	85.58790438	5.602143576	4.50E-07	15.27770633
NKAP	NM_024528	33.71058093	2.866445109	0.004742173	11.76041391

TMEM131	NM_015348	138.2908163	3.009107081	2.82E-12	45.95742609
BTG1	NM_001731	66.06099693	11.83266247	0.000806463	5.582935969
DENND4A	NM_001144823	62.95222924	2.870477727	1.63E-05	21.93092413
TIGD3	NM_145719	140.9624333	31.30227921	1.13E-05	4.503264199
MAML1	NM_014757	63.87524348	5.940938811	8.12E-05	10.7517087
LLGL2	NM_001015002	179.9675353	20.83148813	7.96E-11	8.639206867
PDCD4	NM_014456	40.80241766	3.121171639	0.001587548	13.0727888
LOC100272217	NR_027440	93.99119317	8.860130065	2.20E-06	10.60833108
PPM1E	NM_014906	36.38219793	3.440222815	0.003973211	10.57553533
UGDH-AS1	NR_047679	90.00812411	4.855844585	2.20E-07	18.5360389
KCNG3	NM_172344	37.2564993	2.102698419	0.003167806	17.71842265
PRKRIP1	NM_024653	112.1579357	9.047823604	7.72E-08	12.39612316
RPS15A	NM_001019	109.9721823	15.80505343	2.27E-06	6.958039262
ADPGK	NR_023319	78.05891695	6.384298721	1.65E-05	12.22670185
CASC2	NR_026939	105.9891132	1.521830969	1.09E-09	69.6457855
FBXL5	NM_001193535	69.1697646	1.52560803	1.75E-06	45.3391456
GART	NM_001136006	104.6289483	5.201067715	6.95E-09	20.11682101
CRTC3	NM_001042574	130.3246782	4.967097198	7.24E-11	26.23759371
NKTR	NM_005385	130.3246782	4.524072649	2.58E-11	28.80693753
EPN2	NM_148921	137.4165149	8.147631795	1.80E-10	16.8658229
CAMK1	NM_003656	119.2497724	15.46477674	1.42E-07	7.711056839
CCDC15	NM_025004	59.40631088	1.550036775	2.07E-05	38.32574287
PSMD4	NM_002810	110.4093329	3.122698243	4.52E-11	35.35702918
PRKX	NM_005044	59.84346156	1.633820392	2.38E-05	36.6279316
GOLGA7	NM_016099	65.62384623	1.882022662	1.36E-06	34.86878642
DTWD1	NM_001144955	155.1461068	0.16072571	6.89E-24	965.2849393
PIGA	NM_020473	58.96916018	0.542241289	3.50E-07	108.7507746
SRSF11	NM_001190987	48.76855577	4.510652435	0.001419886	10.81186291
ABHD10	NM_001272069	108.1748666	7.420046367	8.51E-09	14.5787319
PICALM	NM_007166	58.09485881	2.723561493	5.34E-05	21.33047444
TLN1	NM_006289	80.2446704	9.729256283	4.43E-05	8.247770237
LOC101929224	NR_110787	112.5950864	5.054519036	9.62E-10	22.27612273
ZNF165	NM_003447	70.04406598	8.073449777	8.69E-05	8.675853311
C2orf42	NM_017880	123.2328415	7.020033741	1.53E-09	17.55445145
PEBP1	NM_002567	69.1697646	8.86382844	0.000187879	7.803599209
C21orf2	NM_001271441	100.2087285	24.75342375	0.000384232	4.048277505
MAP3K5	NM_005923	55.86039251	2.466035392	5.99E-05	22.6519022
RHBDD2	NM_001040457	158.2548744	16.55424768	6.69E-10	9.559774476
ACOX1	NM_004035	60.76647581	6.421667491	0.00014305	9.462725359
RRP15	NM_016052	50.5658714	1.948173895	0.000126697	25.95552252
GMD5-AS1	NR_046229	48.33140508	1.152515375	3.78E-05	41.9355838
PDE3B	NM_000922	34.14773161	0.488301806	0.000948683	69.93161035
SEC63	NM_007214	44.78548671	2.632868056	0.000594285	17.01015234
SNRK	NM_017719	116.1410048	3.582341331	7.79E-11	32.42041839
RNF13	NM_007282	161.8007928	3.584564873	9.75E-15	45.13819629
UBE2L3	NR_046082	172.438548	7.72647396	9.97E-14	22.31788379
MRPL37	NM_016491	114.8295527	6.436655337	2.70E-09	17.8399412
PPAT	NM_002703	85.58790438	2.935420148	4.97E-08	29.15695201
CHAF1B	NM_005441	115.7038541	4.366076552	5.84E-10	26.50064715
DOCK7	NM_001272002	82.91628738	2.055933968	1.59E-07	40.33022884
OSBPL6	NM_001201480	54.54894044	2.552800449	0.000108159	21.36827439
SLC25A24	NM_013386	66.06099693	1.126231604	3.35E-06	58.65667121
CPSF6	NM_007007	90.4452748	5.050454302	1.40E-07	17.90834436
NEIL2	NM_145043	63.38937993	2.199789161	2.90E-06	28.81611614
GAS8	NM_001286209	88.2108085	20.55307666	0.00061473	4.291854205
SBF2	NM_030962	96.66281017	2.998820837	1.54E-08	32.23360629
SLC5A3	NM_006933	105.5032497	3.880021656	3.72E-09	27.19140742
SCLT1	NM_144643	54.98609113	1.440603629	9.87E-05	38.16878566
ZHX1-C8orf76	NM_001204180	123.2328415	8.166584734	2.03E-09	15.08988708
EP300-AS1	NR_110514	52.31447414	7.140302501	0.002028608	7.326646753
ZFP62	NM_001172638	121.9213894	8.36391525	1.88E-09	14.57707136
ALAD	NM_000031	66.06099693	7.929097984	0.00012719	8.331464317

PIGO	NM_032634	133.4334458	14.14545516	9.51E-09	9.432955274
SAP30BP	NM_013260	79.37036901	15.69618389	0.000447747	5.056666611
ATE1-AS1	NR_120495	136.5422136	3.332890984	5.74E-13	40.96810075
SLC44A1	NM_001286730	93.55404248	0.760582657	4.55E-10	123.0031235
KIAA1551	NM_018169	73.15283366	3.261259212	6.47E-07	22.43085535
CCDC51	NM_001256968	100.6458792	14.26721451	3.99E-06	7.054346815
CHERP	NM_006387	94.91420746	16.72708147	3.29E-05	5.674283802
KIF21A	NM_017641	71.8413816	1.369662568	1.98E-06	52.4518836
CDC42SE2	NM_001038702	128.5760755	2.916874893	1.06E-11	44.08007894
ACOT13	NM_018473	73.15283366	5.186597312	6.42E-06	14.10420537
AFF1	NM_001166693	90.4452748	3.710085249	4.37E-08	24.3782201
ARHGAP19-SLIT1	NR_037909	105.066099	4.538431219	1.56E-08	23.15031206
SNRPA	NM_004596	85.58790438	16.03027988	0.000120021	5.339139744
COX11	NR_027942	126.3416091	9.313791777	1.84E-09	13.56500254
PPP6R3	NM_001164162	80.68182108	6.3302514	3.24E-06	12.7454371
RSPH3	NM_031924	128.1389248	4.903094837	1.31E-11	26.13429457
DIRC2	NM_032839	93.55404248	1.596609321	7.61E-09	58.59545054
TAF11	NM_001270488	54.11178977	4.882766094	0.00019863	11.08219987
RAB22A	NM_020673	159.5663266	2.880283327	2.09E-15	55.39952443
VPS13D	NM_018156	76.26160134	3.688762503	9.38E-07	20.67403398
ZNF697	NM_001080470	52.75162482	3.696828473	0.000625232	14.26942721
STK38	NM_007271	106.4262639	3.458151955	7.89E-10	30.7754735
CRCP	NR_024548	88.25952138	4.707584813	2.78E-07	18.74836565
C11orf71	NM_019021	72.27853228	2.73311267	7.90E-07	26.44550042
FAM189B	NM_198264	97.97426223	14.24143291	7.61E-06	6.879522785
PRELID2	NM_182960	91.75672686	0.748779704	2.64E-10	122.5416854
PRPH2	NM_000322	63.38937993	9.4697347	0.00100527	6.69389185
ANKHD1-EIF4EBP3	NM_020690	50.5658714	4.540249705	0.000947536	11.13724458
DNAH2	NM_020877	43.91118534	6.62231879	0.004952762	6.630786999
DEPDC1	NM_001114120	42.11386972	5.760623956	0.00398409	7.310643784
POLR2F	NM_001301129	94.42834386	10.86268291	1.67E-06	8.692911745
KBTBD4	NR_024222	115.7038541	11.47403859	9.65E-08	10.08396941
ZNF543	NM_213598	100.6458792	3.942375777	6.66E-09	25.52924553
ZNF700	NM_144566	108.6120173	2.702954517	6.23E-11	40.18270253
FGF2	NM_002006	38.13080067	2.914906819	0.003584995	13.08131032
ING5	NM_032329	78.01020409	10.55208949	7.18E-05	7.392867938
MRPL3	NM_007208	89.13382275	1.858132032	1.22E-08	47.96958517
MTHFD2L	NM_001144978	158.2548744	4.673867045	4.06E-13	33.85951566
SPTAN1	NM_001130438	224.753022	8.489942621	1.63E-18	26.47285524
MARVELD2	NM_001244734	83.79058876	4.44630664	6.47E-07	18.84498653
GNRHR2	NR_002328	66.06099693	14.36226574	0.002625565	4.599622239
ARIH2	NM_006321	114.392402	5.810209907	1.97E-09	19.68817027
AFG3L2	NM_006796	161.3636422	6.093692719	5.99E-13	26.48043635
NOS1AP	NM_001164757	57.65770813	2.577326002	6.19E-05	22.37113508
SPAG5-AS1	NR_040012	129.4503768	9.965306978	1.28E-09	12.99010428
CLEC16A	NM_001243403	81.11897176	7.291010951	1.56E-05	11.12588807
FAT1	NM_005245	43.47403467	6.661069715	0.004993269	6.526584548
CYP4F3	NM_000896	50.5658714	6.619519819	0.00239371	7.638903241
PHF20	NM_016436	148.4914208	3.944007305	2.58E-13	37.64988483
XPNPEP3	NM_022098	73.58998434	5.152329453	8.57E-06	14.28285691
MRPS25	NM_022497	163.5981085	11.72257201	4.39E-12	13.95582031
STIL	NM_001282937	80.2446704	1.60655173	1.55E-07	49.94838878
INHBE	NM_031479	47.8942544	3.989482569	0.000451617	12.00512938
ATG7	NM_001136031	58.5320095	3.413824882	6.32E-05	17.14558055
PTK7	NM_152882	119.6869232	7.067448577	4.80E-09	16.93495494
ADAT1	NR_036460	61.2036265	4.880432804	0.000106177	12.54061452
SEPT7-AS1	NR_120511	56.29754319	1.498105858	2.49E-05	37.57914896
AZIN1	NM_015878	167.1440268	8.795462054	7.24E-13	19.00343902
NEDD8-MDP1	NM_001199823	100.6458792	10.11927414	5.60E-07	9.945958356
HNRNPUL2-BSCL2	NR_037946	85.58790438	14.92014121	5.67E-05	5.736400424
PLCE1	NM_001288989	51.87732345	1.99523934	0.000203378	26.00055162
SCAF4	NM_001145445	112.1579357	4.888905908	2.95E-09	22.94131607

NDEL1	NM_001025579	115.7038541	4.704604661	6.95E-10	24.59374644
NOSIP	NM_001270960	109.9721823	10.7768177	1.35E-07	10.20451355
FLJ37453	NR_024279	116.5781554	21.92100891	9.89E-06	5.318101731
RHBDD1	NM_001167608	105.066099	3.991358265	2.01E-09	26.3233947
ZNF205	NM_001042428	129.8875276	24.91857376	2.23E-06	5.212478404
C1orf50	NR_040733	130.8105418	6.933618598	3.60E-11	18.86612884
DHX8	NM_004941	75.82445064	2.306161466	2.70E-07	32.87907276
UBE2D2	NM_003339	94.86549455	6.573296914	1.41E-07	14.43195033
CBX1	NM_006807	87.82237075	7.069797064	1.61E-06	12.42219118
SLC25A37	NM_016612	51.87732345	9.200194434	0.003032494	5.638720336
KDEL2	NM_153705	140.0881319	2.87232049	2.47E-13	48.77176222
TMEM68	NM_152417	118.375471	3.713627174	2.70E-10	31.87597071
PALB2	NM_024675	89.57097344	3.224396871	2.53E-08	27.77914041
ERMP1	NM_024896	62.51507855	4.078827567	7.33E-05	15.32672748
FNTB	NM_002028	41.23956835	4.021108949	0.002069791	10.25576996
PPP1CC	NM_001244974	154.7089561	8.304300657	5.26E-12	18.62998012
ANKRD6	NM_014942	92.19387756	3.275257332	4.21E-08	28.14859054
COQ10B	NM_025147	43.91118534	4.547744033	0.003660264	9.655597374
NOB1	NR_074074	104.1917976	13.54884755	3.83E-06	7.690085613
ZC2HC1A	NM_016010	108.6120173	1.836542006	1.43E-10	59.13941361
ELAC2	NM_173717	53.67463907	8.304881896	0.001610014	6.463022562
NBPF1	NM_017940	176.9561934	13.3993332	1.66E-12	13.20634323
DCP1B	NM_152640	62.07792787	2.137931207	1.02E-05	29.03644779
TRPM4	NM_001195227	134.3077472	9.095791094	2.35E-10	14.76592259
UFL1	NM_015323	87.82237075	0.210828347	5.81E-13	416.5586466
THAP1	NM_199003	73.58998434	6.290173821	5.33E-06	11.69919726
MRPL42	NR_038161	112.1579357	3.694899109	1.09E-09	30.35480331
BPTF	NM_004459	173.75	5.125906998	1.39E-14	33.89644019
CNIH4	NM_001277200	36.8193486	3.033464312	0.002741012	12.13772269
EPHB2	NM_017449	113.4693878	9.072064126	2.10E-08	12.50756015
COA5	NM_001008215	122.3585401	5.607819032	2.06E-10	21.81927401
CDKN2B	NM_078487	88.25952138	2.888273201	1.53E-08	30.55788536
VIM-AS1	NR_108061	86.46220574	9.050886854	8.45E-06	9.552898754
DDX23	NM_004818	78.93321834	6.711150894	7.38E-06	11.76150255
XPA	NR_027302	93.55404248	7.889432555	4.04E-07	11.85814592
KHSRP	NM_003685	94.86549455	21.68553061	0.000185406	4.374598725
PTPN1	NM_002827	111.7207851	8.058236606	2.70E-08	13.86417284
RABIF	NM_002871	61.64077717	12.65166002	0.002225328	4.872149353
MCAT	NM_173467	94.42834386	16.35167669	5.90E-05	5.774841665
EXOC2	NR_073064	58.5320095	0.867447574	4.90E-06	67.47613485
FARP2	NM_014808	144.5083517	6.543261109	4.94E-12	22.08506574
CEP89	NM_032816	58.96916018	2.508619259	2.64E-05	23.50662021
MAPKAPK5	NM_139078	128.5760755	4.58936402	5.46E-11	28.01609874
ZBTB49	NM_145291	62.07792787	7.019102834	0.000305828	8.844139962
GNAQ	NM_002072	38.13080067	0.859408554	0.000571257	44.36865386
RNF135	NM_001184992	116.1410048	6.235282497	2.95E-09	18.62642227
MOB1A	NM_018221	132.5591446	4.121767747	4.05E-12	32.16075061
PLA2G6	NM_001004426	83.35343807	10.54516143	3.15E-05	7.904425043
THUMPD2	NR_028102	138.2908163	1.741901755	5.17E-14	79.39070954
RPL36AL	NM_001001	114.8295527	19.67591328	8.20E-06	5.836046901
HMCN1	NM_031935	33.27343024	0.055810188	0.000463234	596.1891844
LRRIC1	NM_018214	40.36526697	3.246506481	0.002135311	12.43344722
RABGGTB	NR_073562	97.09996085	16.3899051	2.84E-05	5.924376026
TNPO1	NM_153188	161.8007928	4.100023707	3.95E-14	39.46337983
PEX13	NM_002618	118.375471	3.409451383	2.24E-10	34.71980026
TAF12	NM_005644	169.7669309	9.673860321	9.13E-13	17.54903682
RPS3	NM_001260506	185.74792	24.27697619	9.06E-11	7.651196697
ARL5B	NM_178815	94.42834386	1.770000277	3.26E-10	53.34933845
ERCC2	NM_000400	59.40631088	14.68069258	0.004495562	4.046560511
IPO9	NM_018085	142.759749	9.206215274	2.29E-10	15.50688798
SCARB2	NM_001204255	75.38729997	4.293386939	7.09E-06	17.55893448
RPS6KA4	NM_003942	76.26160134	10.04587418	4.62E-05	7.591335508

ARL6IP1	NM_015161	189.2938384	10.63145984	8.28E-15	17.80506547
TRMT61B	NM_017910	80.68182108	4.871200645	1.00E-06	16.56302562
IQCH	NM_001031715	97.53711154	2.706530613	1.27E-08	36.03769013
PPP1CB	NM_206876	59.40631088	5.434211217	0.0001486	10.93191054
DSTYK	NM_199462	121.0470881	4.491504705	4.88E-10	26.95023072
ARID1A	NM_139135	176.421617	6.887954981	4.68E-14	25.61306186
FLJ31104	NR_102755	83.79058876	7.906125965	6.38E-06	10.5981854
ARHGEF18	NM_015318	60.32932513	5.748769234	0.000164665	10.49430281
ALAS1	NM_000688	125.4673077	7.947159935	1.29E-09	15.7876913
RAB28	NM_001017979	91.75672686	0.83999675	7.08E-10	109.2346213
SKAP1	NM_003726	67.85831254	4.470525793	3.37E-05	15.17904508
ZNF649	NM_023074	40.80241766	1.840728109	0.00084134	22.16645547
RPS19BP1	NM_194326	92.24259043	20.60556779	0.000258711	4.476585716
LOC730102	NR_037167	36.38219793	2.975111354	0.003046779	12.2288525
SMARCE1	NM_003079	117.5011696	4.403149128	1.15E-10	26.68571203
ZNF174	NM_001032292	60.32932513	11.07248102	0.001658659	5.448582391
ZSCAN2	NM_017894	70.91836734	10.8383124	0.000237597	6.543303492
SAP30	NM_003864	72.71568297	10.89256413	0.00027509	6.675717682
CLNS1A	NM_001293	110.8464837	1.013523692	4.90E-13	109.3674323
ARF4	NM_001660	73.20154654	8.174358871	3.03E-05	8.955019922
CFAP221	NM_001271049	45.65978809	3.216656497	0.000634044	14.19479765
DCAF7	NR_073585	70.09277885	9.800289126	0.000236752	7.152113367
MAPRE3	NM_012326	72.71568297	6.977601399	6.72E-05	10.42130079
SDHD	NM_001276506	49.69157001	6.281633216	0.002846225	7.910613101
MRPS28	NM_014018	82.91628738	3.522187487	2.19E-07	23.54113394
KIAA1549L	NM_012194	38.13080067	4.181615387	0.003908711	9.118677147
CKS2	NM_001827	92.24259043	10.69386271	8.86E-06	8.625750387
FAM46A	NM_017633	135.6679122	6.359201824	5.05E-12	21.33411016
RFC5	NM_001206801	111.7207851	10.9810791	1.87E-07	10.17393501
TMEM64	NM_001146273	136.9793643	4.566793012	1.56E-12	29.99465137
PSMB2	NM_002794	50.12872071	5.324359886	0.0008102	9.414976031
PTPDC1	NM_177995	103.3174962	2.147574935	1.36E-09	48.10891323
PLAU	NM_001145031	106.4262639	17.20464292	1.07E-05	6.185903674
WWP1	NM_007013	119.2497724	2.578181059	5.97E-11	46.25345144
LYRM9	NM_001076680	115.2667034	3.303806919	4.54E-11	34.88905562
SKA3	NM_145061	137.4165149	3.848438152	8.21E-13	35.70708674
EXD3	NM_017820	105.066099	10.60818329	4.61E-07	9.904249965
ANKRD16	NM_019046	114.8295527	7.383978697	6.59E-09	15.55117606
SLC35C1	NM_001145266	73.58998434	15.89572655	0.000726555	4.629545187
NELFB	NM_015456	168.0183282	16.17190437	5.76E-11	10.38952027
STX2	NM_001980	88.64795919	2.958556488	3.11E-08	29.96324712
UBL7-AS1	NR_038449	59.40631088	5.52429699	0.000100529	10.75364177
COQ10A	NM_144576	121.4842387	18.48328789	1.23E-06	6.57265306
RICTOR	NM_001285439	51.87732345	1.653118399	0.000171018	31.381493
PYROXD2	NM_032709	124.5930065	10.22315108	4.84E-09	12.18733886
RALGAPA1	NM_194301	84.66489013	2.109858778	1.36E-07	40.12822613
WBSR22	NM_001202560	73.15283366	11.76561328	0.000302653	6.21751131
LSM10	NM_032881	110.8464837	12.81413149	2.80E-07	8.650331378
ZNF805	NM_001145078	57.65770813	0.873056744	4.31E-06	66.04119211
GOLGA5	NM_005113	71.8413816	2.563496873	1.33E-06	28.02475882
RABEPK	NM_001174152	98.41141291	3.984848606	2.89E-08	24.69639945
NRD1	NM_001101662	46.58280234	5.990502447	0.002816102	7.776109392
MFAP3	NM_001135037	63.43809281	1.096085519	8.93E-07	57.87695548
MRM1	NM_024864	56.34625608	10.98037752	0.004821303	5.131540874
YTHDF1	NM_017798	93.55404248	10.36389248	2.04E-06	9.026921364
CDH24	NM_022478	132.5591446	16.26436021	4.04E-08	8.150283372
CCT6B	NM_001193530	94.86549455	3.056150866	4.98E-09	31.04084147
BUB3	NM_004725	93.11689181	6.210968373	1.05E-07	14.9923307
U2AF1L4	NM_001040425	76.69875203	16.15586122	0.000880274	4.747425777
BET1L	NM_016526	115.7038541	28.63203183	9.53E-05	4.041063338
CEBPZOS	NR_037880	87.82237075	12.00188526	1.09E-05	7.3173813
CHCHD5	NM_032309	101.9573313	18.90726282	3.46E-05	5.392495584

ATP5O	NM_001697	93.99119317	5.319109789	9.62E-08	17.67047436
MERTK	NM_006343	66.93529829	4.924535011	5.52E-05	13.59220681
GALNT12	NM_024642	54.98609113	2.656750692	6.92E-05	20.69674482
METAP2	NM_006838	90.8824255	4.864217353	1.60E-07	18.68387428
PANK3	NM_024594	96.22565948	2.410310484	7.53E-10	39.92251626
CSAD	NM_001244705	81.11897176	10.219475	3.79E-05	7.93768484
PPP3CB	NM_021132	148.4914208	2.434550078	2.32E-14	60.99337291
EIF4A3	NM_014740	258.0264523	20.1961562	4.44E-18	12.77601786
INPP4A	NM_001134224	62.51507855	5.14704497	9.97E-05	12.14581938
TMEM106B	NM_018374	69.1697646	4.449406069	1.56E-05	15.54584219
CSPG4	NM_001897	68.29546324	14.48867295	0.001182116	4.713714189
SLC10A3	NM_001142391	113.0322371	22.55778146	1.81E-05	5.010786954
CCDC125	NM_001297696	90.00812411	4.522307237	1.79E-07	19.90314222
ITGA9-AS1	NR_110531	48.76855577	4.242466682	0.001604539	11.49533029
SERTAD4	NM_019605	52.31447414	5.014027222	0.000394084	10.43362388
ZNF620	NM_001256168	56.29754319	4.978006013	0.000120428	11.30925576
PGAP3	NM_001291733	62.95222924	11.35177138	0.000928702	5.545586422
COG7	NM_153603	69.60691528	1.697319197	2.47E-06	41.00991457
EXOC7	NM_001282313	118.375471	24.56445638	1.37E-05	4.818973772
SLC16A1	NM_003051	86.89935644	5.11938845	6.02E-07	16.97455805
ZNF484	NM_001261459	47.45710371	4.629360246	0.001307564	10.25133089
TLE6	NM_001143986	70.04406598	8.933771744	0.000164509	7.840368882
FGFR1OP2	NM_001171887	69.60691528	2.259478361	1.37E-06	30.80663063
NISCH	NM_007184	138.2908163	13.59802903	3.20E-09	10.16991624
ZFYVE1	NM_021260	41.67671904	4.187671867	0.004482591	9.952240853
SGSM2	NM_014853	62.95222924	11.31636827	0.001155998	5.562935716
C18orf8	NR_075076	105.066099	4.903849778	4.20E-09	21.42522788
SERPINI1	NM_005025	47.01995303	0.189148254	1.06E-05	248.5878242
ARSD	NM_001669	81.55612244	5.857770377	8.02E-07	13.92272438
EEF1DP3	NR_027062	38.13080067	0.370452776	0.000310903	102.9302602
SRP68	NR_048541	131.2476924	12.56470204	8.52E-09	10.44574651
SMC2	NM_001042550	48.76855577	0.596573758	9.32E-06	81.74773888
ZFYVE16	NM_014733	103.3174962	3.389508595	2.01E-09	30.48155604
USE1	NM_018467	110.8464837	5.478756991	1.26E-09	20.23204969
NBEAL1	NM_001114132	36.8193486	2.001210591	0.003834867	18.39853774
CTSZ	NM_001336	82.91628738	14.22269285	0.000170677	5.829858543
TMEM9B-AS1	NR_073431	93.55404248	6.77158743	1.36E-07	13.81567372
NEDD8	NM_006156	100.6458792	6.720474377	5.79E-08	14.97600817
KIAA1549	NM_001164665	52.31447414	3.807076216	0.000200371	13.7413782
LOC143666	NR_026967	95.78850885	20.4548258	0.00036245	4.682929584
BUD31	NM_003910	64.31239418	12.43588291	0.001299615	5.17151815
CDC42	NM_001039802	91.75672686	4.843411411	1.55E-07	18.94464853
LAMP2	NM_013995	74.02713503	1.236658798	1.50E-07	59.86059791
FLJ40194	NR_034161	34.14773161	1.426119089	0.001991569	23.94451619
PIGV	NM_017837	131.6848432	11.76160222	5.98E-09	11.19616535
ARMC10	NM_001161010	69.1697646	5.864157348	1.82E-05	11.79534595
NPEPPS	NM_006310	116.5781554	4.98600397	1.22E-09	23.38107954
UVRAG	NM_003369	70.96708023	1.713756771	2.83E-06	41.41024061
SPIN1	NM_006717	148.9285714	1.579017586	2.24E-14	94.3172342
PUM1	NM_014676	109.4863187	5.527915815	9.10E-09	19.80607563
RCOR1	NM_015156	134.3077472	5.09738304	4.52E-11	26.34837252
ANKRD29	NM_173505	52.75162482	5.741509384	0.000883009	9.187762537
HSPB11	NM_016126	107.3005653	6.3083235	1.53E-08	17.00936315
ACADM	NM_001286043	130.3246782	4.25171355	1.63E-11	30.65227153
ZC3H12C	NM_033390	54.98609113	2.707245299	8.99E-05	20.31071627
NPHP3-ACAD11	NR_037804	66.06099693	2.231969952	8.73E-06	29.5976193
SPOPL	NM_001001664	65.62384623	3.023711436	7.28E-06	21.70307836
C8orf37	NM_177965	107.737716	7.196530286	1.84E-08	14.97078616
MRPL44	NM_022915	90.00812411	7.50187703	1.13E-06	11.99808045
LOC100507283	NR_103862	143.6340504	2.911374967	2.94E-13	49.33546931
CCNH	NM_001199189	74.02713503	4.146022646	2.81E-06	17.85497605
EGFR	NM_201284	130.7618289	4.502312683	8.05E-11	29.04325802

SECISBP2	NM_024077	149.8515857	3.127933783	1.67E-13	47.90753132
POLE	NM_006231	61.2036265	9.180211434	0.000646643	6.666908158
CALM2	NM_001743	116.1410048	9.376333896	1.18E-08	12.38661145
TBC1D7	NM_001258457	76.26160134	3.710527751	1.69E-06	20.55276405
RPIA	NM_144563	83.79058876	3.275956757	1.48E-07	25.57744041
SRC	NM_198291	127.2159105	12.44423609	2.08E-08	10.22287825
COA4	NM_016565	101.5201806	12.19501183	1.50E-06	8.324729977
REEP3	NM_001001330	155.5832575	3.588736789	4.20E-14	43.3532094
NECAP2	NM_001145278	115.7038541	8.688664088	2.47E-08	13.31664488
ARFGEF1	NM_006421	112.9213894	3.562717346	4.69E-11	34.22146008
SRRT	NM_015908	94.86549455	18.7121594	7.30E-05	5.069724585
ZFC3H1	NM_144982	70.04406598	4.828678842	1.35E-05	14.50584482
REEP4	NM_025232	118.375471	22.33883551	1.36E-05	5.299088708
KIAA0319L	NM_024874	119.2497724	3.676468797	7.99E-11	32.4359539
KIAA1033	NM_001293640	95.78850885	4.047515929	5.45E-08	23.66599923
LOC642366	NR_046243	69.60691528	1.466483851	8.08E-08	47.4651768
SRPK1	NM_003137	111.7207851	5.665127526	4.20E-09	19.72078908
RIOK1	NM_031480	96.66281017	3.858607903	2.15E-08	25.05121344
TACC1	NM_006283	172.0013972	4.308950206	6.22E-15	39.91723946
ZNF778	NM_182531	102.4431948	7.558883227	1.10E-07	13.55268917
KCTD13	NM_178863	70.96708023	11.96130723	0.000587141	5.933053877
GTF2IRD2	NM_001281447	143.1968996	5.579278485	3.13E-12	25.6658455
MED26	NM_004831	90.4452748	18.43756255	0.000179792	4.905489788
NR1D2	NM_001145425	69.60691528	1.814157264	1.34E-06	38.36873279
SYN2	NM_133625	83.79058876	4.343342046	1.77E-06	19.29173155
AKIRIN1	NM_001136275	197.6971272	10.16248756	8.90E-16	19.45361566
EML1	NM_001008707	62.51507855	3.80377368	1.76E-05	16.43501528
NINL	NM_025176	107.737716	3.613879656	9.55E-10	29.81220358
FAM84B	NM_174911	77.62176628	11.78918587	8.23E-05	6.584149843
COMMD10	NM_016144	155.6319704	1.799796585	4.22E-14	86.47197784
SYNM	NM_145728	100.6458792	5.851448411	2.15E-08	17.20016518
LONP2	NM_001300948	48.33140508	1.676376657	0.000302354	28.83087455
METTL5	NM_001293187	160.0521901	7.598596225	2.26E-13	21.06338925
SLC39A11	NM_001159770	78.93321834	7.639567776	1.66E-05	10.33215761
MORN2	NM_001145450	46.58280234	1.851264062	5.90E-05	25.16270006
VPS39	NM_001301138	78.93321834	3.830763407	1.82E-06	20.60508832
TFG	NM_001195478	110.8464837	3.289878311	1.21E-10	33.69318656
TRRAP	NM_001244580	53.23748838	5.214179658	0.000543404	10.21013695
IQSEC2	NM_001111125	83.35343807	4.502316691	1.45E-06	18.51345514
GTF2E2	NM_002095	79.8075197	2.03743446	2.45E-07	39.17059482
NPHP1	NM_001128179	42.11386972	2.69433221	0.001079932	15.63054087
ATG16L2	NM_033388	132.1219938	24.20730936	9.12E-07	5.457938007
AHSA1	NM_012111	142.3225982	8.952217563	7.05E-11	15.89802719
GPHN	NM_020806	65.62384623	2.320564434	1.08E-05	28.27926053
ZBTB44	NM_014155	105.9404003	1.099378011	2.76E-10	96.36394336
CTC-436P18.1	NR_109908	82.91628738	3.774033394	1.80E-07	21.97020501
RRP7A	NM_015703	96.66281017	23.88169438	0.0002823	4.047569182
SQSTM1	NM_003900	108.6607303	24.70495147	5.19E-05	4.398338139
BRD9	NM_023924	126.7787599	8.9992907	3.86E-09	14.08763914
C3orf62	NM_198562	48.76855577	6.138983285	0.002686586	7.944076975
VCP	NM_007126	82.4791367	15.5869112	0.000211696	5.291563906
RUVBL2	NM_006666	73.15283366	13.22931907	0.000374971	5.529599316
FAM89A	NM_198552	109.4863187	3.86419766	8.05E-10	28.33351923
LOC100131564	NR_034089	138.3395291	2.437695675	8.10E-14	56.7501229
GATAD1	NM_021167	141.8367347	4.407989538	2.48E-13	32.17719405
SMEK1	NM_001284280	97.97426223	5.658234462	6.25E-08	17.31534154
METTL1	NM_005371	100.2087285	13.43726709	7.57E-06	7.457523009
RARS2	NM_020320	89.13382275	2.6271884	4.16E-08	33.92745748
BAIAP2-AS1	NR_026857	62.95222924	14.83981131	0.00408435	4.242117904
RAB2B	NM_032846	42.11386972	2.817993534	0.000621252	14.94462965
UBA5	NM_024818	133.4334458	1.994052124	4.81E-14	66.91572613
PEX3	NM_003630	73.15283366	2.14425497	4.92E-07	34.11573468

ENPP1	NM_006208	87.33650713	0.164900746	7.10E-12	529.6307585
RAD51AP2	NM_001099218	34.58488231	2.37834896	0.002492786	14.54155084
FAM120C	NM_017848	87.77365781	1.190567382	2.88E-08	73.72422523
TSEN2	NM_001145395	71.40423091	5.540980078	1.34E-05	12.88657059
CMTR1	NM_015050	87.33650713	5.780345872	3.70E-07	15.10921821
LYAR	NM_001145725	105.066099	5.604780221	2.15E-08	18.74580177
LOC101928222	NR_110235	66.49814761	5.669024484	2.22E-05	11.73008651
ZXDC	NR_104249	130.7618289	8.066802459	2.74E-10	16.20987121
FAM72B	NM_001100910	43.47403467	0.941652799	0.000190692	46.16779636
SEMA6A	NM_001300780	34.58488231	0.296965665	0.000627232	116.4608789
SMEK2	NM_001122964	36.8193486	3.027563075	0.003593783	12.16138118
C10orf82	NM_144661	40.80241766	3.961507785	0.003162159	10.29971917
TTF1	NM_007344	73.15283366	5.991355736	6.22E-06	12.20972963
PLAGL2	NM_002657	155.5832575	7.157143923	1.16E-12	21.73817645
CCDC22	NM_014008	63.38937993	4.458762032	3.55E-05	14.21681164
CMBL	NM_138809	59.84346156	2.945845398	1.57E-05	20.31452893
CTBP1-AS2	NR_033339	106.8634146	21.67931404	4.07E-05	4.929280255
NPLOC4	NM_017921	246.9028337	14.01526476	2.87E-18	17.61670849
NDOR1	NM_001144026	150.2887363	28.15184725	2.06E-07	5.338503544
ARPC1A	NM_006409	90.8824255	6.762040322	1.03E-06	13.44008926
ENTPD7	NM_020354	113.9552513	5.453471347	1.51E-09	20.8959109
PPP2R5D	NM_001270476	73.15283366	11.71733066	0.000128831	6.24313129
ZNF212	NM_012256	78.05891695	8.535303991	4.78E-05	9.145417321
UQCRC1	NM_003365	143.6340504	18.58372212	1.76E-08	7.729024863
KIF5A	NM_004984	68.73261391	7.475526733	0.000103779	9.194350629
SOAT1	NM_003101	43.91118534	2.033920325	0.000959782	21.58943239
SCRN3	NM_001193528	44.34833603	2.955675478	0.000459537	15.00446729
LRBA	NM_006726	113.0322371	2.596705722	4.54E-10	43.52909
MINPP1	NM_004897	46.14565165	3.757065689	0.000561193	12.28236487
ECSIT	NM_001142464	71.8413816	10.72455665	0.000202053	6.698774032
LRRC42	NM_052940	98.41141291	8.436636014	2.28E-07	11.66476932
HMGN1	NM_004965	127.2159105	7.823765892	2.54E-10	16.2601888
PFAS	NM_012393	60.76647581	9.262696337	0.001597388	6.560344159
BAG3	NM_004281	96.66281017	15.53162364	1.94E-05	6.223612701
EXOC3	NM_007277	79.8075197	9.820956981	3.79E-05	8.126246745
CTTNBP2	NM_033427	58.5320095	1.295772432	5.22E-06	45.17151935
ENO4	NM_001242699	68.29546324	8.948309303	0.000108294	7.632219778
CBY1	NM_015373	90.4452748	6.874112917	4.84E-07	13.15737403
GMPPA	NM_013335	92.67974111	13.95734594	2.28E-05	6.640212364
ZNF274	NM_016324	42.11386972	1.573698	0.000605112	26.7610874
GLTP	NM_016433	66.93529829	9.983828168	0.000622081	6.704372027
VPS13A	NM_001018038	55.86039251	2.018529907	5.69E-05	27.67379979
MMS22L	NM_198468	58.5320095	2.151824413	5.34E-05	27.20110858
CHD1L	NM_001256338	117.9383204	2.066005351	2.18E-11	57.08519599
SMCHD1	NM_015295	116.1410048	3.31254478	1.55E-10	35.06096143
KLF4	NM_004235	119.2497724	9.539630424	5.69E-09	12.50046041
BCAT2	NM_001190	104.1917976	20.10217703	4.82E-05	5.183110138
PSMD11	NM_002815	139.6509813	4.564710873	2.59E-12	30.59360936
TBC1D22B	NM_017772	116.1410048	3.963974131	8.71E-10	29.29913287
MEF2D	NM_005920	78.01020409	13.36825179	0.000258667	5.835482852
SLC35E2	NM_182838	116.6268684	16.2881091	3.87E-07	7.160246019
BACH2	NM_001170794	41.67671904	2.78003984	0.001249235	14.99141071
RAB11FIP2	NM_014904	84.22773945	2.932219059	9.63E-08	28.72491371
GAK	NM_005255	106.4262639	9.880311552	4.19E-07	10.77154939
GATA6	NM_005257	51.44017277	1.661129011	8.22E-05	30.96699439
NDUFA10	NM_004544	109.049168	7.015075691	4.28E-08	15.54497383
SP100	NM_001080391	62.51507855	2.409360738	1.55E-05	25.9467491
USP4	NM_001251877	107.3005653	5.458130723	2.60E-09	19.65884855
RWDD1	NM_015952	42.59973328	2.523772937	0.000658396	16.8793843
TRA2A	NM_001282758	103.3174962	7.68987743	7.69E-08	13.43551924
RAP1GDS1	NM_001100429	81.55612244	2.479949292	2.32E-07	32.88620566
KLHL29	NM_052920	80.68182108	4.628883247	3.42E-06	17.43008341

TBC1D8	NM_001102426	155.5832575	7.593641202	6.76E-12	20.48862376
THNSL2	NM_018271	35.02203299	1.413172916	0.002603013	24.78255321
ZFAS1	NR_036659	138.7766799	31.86786166	3.28E-06	4.354753431
MAPK1IP1L	NM_144578	196.3856752	6.101789191	4.02E-18	32.18493282
GTF2IRD1P1	NR_003934	80.29338327	7.705239916	1.05E-05	10.42062079
PDZK1P2	NR_111936	53.67463907	10.92036823	0.004614706	4.915094246
RIMKLA	NM_173642	102.394482	7.395718101	1.09E-07	13.84510342
SLC38A10	NM_001037984	174.2358636	20.56323122	2.65E-10	8.473175336
LYRM1	NM_001128301	55.90910538	7.867804726	0.000888979	7.106061644
TLK2	NM_006852	94.42834386	5.097452747	1.66E-07	18.52461387
LARP6	NM_197958	58.96916018	6.390534321	0.00016	9.227578982
SNX19	NM_014758	99.28571429	2.621724301	1.33E-09	37.87038716
ZNF511	NM_145806	83.79058876	7.886123193	6.09E-06	10.62506719
ARID4A	NM_023001	35.94504724	1.901886337	0.003369523	18.89968214
TTC17	NM_018259	82.91628738	2.383356792	2.02E-07	34.78970822
MYBL1	NM_001080416	160.0521901	3.834288165	3.75E-14	41.74234778
RBM25	NM_021239	151.6001885	4.392244086	4.70E-13	34.5154289
BBS2	NM_031885	78.93321834	3.771073216	1.39E-06	20.93123464
CHMP4C	NM_152284	130.8105418	2.313257956	1.12E-13	56.54818628
PPP2R2A	NM_002717	117.0153061	3.06930948	8.48E-11	38.12431001
MSMO1	NM_001017369	61.64077717	4.823101809	3.92E-05	12.78031848
CEP164	NM_014956	122.3585401	5.752296961	3.86E-10	21.27124884
GLIDR	NR_015363	40.36526697	4.119738409	0.004578793	9.798017001
C14orf37	NM_001001872	37.69364998	1.360929941	0.003567156	27.69698046
DRAM2	NM_178454	53.67463907	2.39618155	4.08E-05	22.40007193
RAB11A	NM_004663	74.95014928	6.070306729	4.98E-06	12.34701188
TRIM68	NM_018073	83.35343807	7.474495332	6.97E-06	11.15171451
TM9SF4	NM_014742	85.58790438	7.996616566	4.14E-06	10.70301467
FNBP1L	NM_017737	36.38219793	3.522199179	0.003811397	10.32939822
SLC35B4	NM_032826	36.8193486	0.096108062	1.24E-05	383.1036427
STRN4	NM_013403	161.8007928	20.27214448	1.35E-09	7.981434477
PPAP2B	NM_003713	37.2564993	1.822478243	0.00341698	20.44276767
SEC24A	NM_001252231	82.91628738	1.530857094	4.28E-08	54.16331001
PTPN14	NM_005401	101.5201806	2.172443618	3.09E-09	46.73087014
WDR24	NM_032259	128.5760755	23.39138079	1.24E-06	5.49672876
SETD7	NM_030648	70.96708023	4.421644608	1.25E-05	16.04992859
ZSCAN9	NM_006299	78.05891695	10.69771988	0.00010443	7.296780796
PAN3	NM_175854	41.67671904	0.969076471	0.000134658	43.00663599
ABCC6P2	NR_023387	30.16466256	0.345283748	0.001592987	87.36195289
ZNF197	NM_006991	186.1850708	3.655004179	7.45E-19	50.93976961
TEX9	NM_001286449	60.32932513	1.555218358	1.98E-05	38.79154642
LMAN2L	NR_024519	44.34833603	5.777571556	0.00248077	7.675947515
TFCP2	NM_005653	61.64077717	3.80388316	1.53E-05	16.20469782
IMMP1L	NM_144981	47.01995303	2.492061952	0.000567887	18.8678909
MED14	NM_004229	51.87732345	1.816781173	0.000152884	28.55452502
IRF5	NM_001242452	114.8295527	13.34163942	3.48E-07	8.606854757
PVRL3	NM_015480	73.58998434	2.3287513	8.64E-07	31.60061975
SERINC1	NM_020755	73.15283366	2.35225407	3.50E-07	31.09903585
CHMP4B	NM_176812	94.42834386	8.582268116	6.80E-07	11.00272592
MTMR1	NM_003828	74.46428571	2.609725096	9.86E-07	28.533383
UBE2T	NM_014176	103.754647	6.357797003	1.19E-08	16.31927646
PHF10	NM_133325	52.75162482	4.789412264	0.00059884	11.01421676
GLTSCR1	NM_015711	58.96916018	9.662437645	0.000674189	6.102927889
C5orf56	NR_045116	57.65770813	8.713959208	0.001101591	6.616706224
GNAI3	NM_006496	82.91628738	3.300858703	1.23E-07	25.11961124
ZNF799	NM_001080821	48.33140508	1.652080326	4.78E-05	29.254876
SMIM20	NM_001145432	97.97426223	2.645180071	2.63E-09	37.03878737
FBXW7	NM_001257069	54.54894044	2.303641634	9.74E-05	23.67943852
LOC414300	NR_121211	50.5658714	3.016252299	8.99E-05	16.76447007
GSDMA	NM_178171	51.87732345	8.804973765	0.002388823	5.891820332
RBBP4	NM_001135255	107.737716	7.169600251	2.73E-08	15.02701855
MECP2	NM_001110792	105.5032497	3.988317868	9.21E-09	26.45306947

TERF2IP	NM_018975	65.62384623	3.736093545	7.66E-06	17.56482953
NDUFB6	NM_182739	52.31447414	4.236692679	0.000553957	12.34795113
LOC100506639	NR_102752	57.65770813	2.926554122	2.77E-05	19.70156905
SNX16	NM_152836	44.34833603	3.069644938	0.00050958	14.44738298
GGNBP2	NM_024835	155.1461068	7.205342375	2.33E-12	21.53209364
LIN7B	NM_022165	109.4863187	24.36710799	8.43E-05	4.493201194
BCL2L2	NM_001199839	80.2446704	14.49841172	0.000357208	5.534721456
PIP5K1C	NM_001300849	80.68182108	15.07560624	0.000173864	5.351812708
ATP6V1A	NM_001690	47.45710371	3.547365661	0.000319058	13.3781257
ITPR3	NM_002224	119.6869232	13.45544318	1.17E-07	8.895056192
BRD8	NM_006696	76.69875203	4.892652509	2.09E-06	15.67631298
ANKRD33B	NM_001164440	47.8942544	4.951524326	0.001605874	9.672628315
WASH2P	NR_024077	70.09277885	6.82613974	3.45E-05	10.26828948
DCTN3	NM_001281426	101.0830299	12.15381745	2.57E-06	8.316977801
HINT1	NM_005340	86.89935644	17.54070946	0.000181207	4.95415289
NAP1L4	NM_005969	104.6289483	8.439012654	6.99E-08	12.39824522
E2F4	NM_001950	142.759749	22.51262947	1.00E-07	6.341318287
PHB	NM_001281496	68.29546324	8.696351608	0.000204376	7.853346589
VAPA	NM_194434	111.7207851	3.505537798	1.45E-09	31.86979902
WAPAL	NM_015045	82.91628738	4.375504806	1.43E-06	18.95010772
NAPEPLD	NM_198990	51.00302207	5.363137389	0.000838217	9.509922713
LOC100507501	NR_039999	75.82445064	11.56847208	0.000109212	6.554404946
POLR2D	NM_004805	114.392402	10.50373111	6.51E-08	10.89064455
NDFIP2	NM_001161407	43.91118534	2.824168922	0.001072742	15.54835654
NPTXR	NM_014293	117.0153061	13.61984507	1.20E-07	8.591529901
HERC1	NM_003922	37.69364998	3.107422396	0.003953791	12.13019834
ZNF335	NM_022095	65.62384623	14.73338419	0.001783637	4.454091835
SLC4A3	NM_201574	93.55404248	23.30621653	0.000489275	4.014123972
PCYT1A	NM_005017	98.41141291	4.216767234	4.68E-08	23.33811838
RP9P	NR_003500	115.2667034	4.292888213	4.05E-10	26.85061843
PARG	NM_003631	58.09485881	0.815777897	5.74E-06	71.2140633
TMEM214	NM_001083590	115.7038541	12.96656328	2.04E-07	8.923247555
VCPKMT	NM_024558	55.86039251	6.011669181	0.000384202	9.291993758
DLG1	NM_004087	82.91628738	3.783449528	2.79E-07	21.91552623
RBM18	NR_027125	51.44017277	2.182207007	8.35E-05	23.57254496
ZNF333	NM_032433	83.35343807	7.061126586	5.26E-06	11.8045523
PSAP	NM_002778	176.421617	10.14720932	1.37E-13	17.38622034
NF1	NM_000267	84.66489013	3.530325912	1.55E-07	23.98217395
SEPSECS-AS1	NR_037934	39.9281163	3.512326082	0.001796512	11.36799812
HNRNPF	NM_001098207	82.91628738	14.0512912	0.000166871	5.900972814
ACER2	NM_001010887	80.68182108	1.85868266	1.13E-07	43.40806681
NEDD9	NM_182966	27.05589488	0.683102942	0.004451956	39.60734646
SAMD13	NM_001010971	47.01995303	4.798178968	0.002589383	9.799541314
CCNE1	NM_001238	74.46428571	6.147258229	1.31E-05	12.1134143
RPP38	NM_006414	136.1050629	11.49461219	5.59E-10	11.84077032
LIPE-AS1	NR_073180	75.82445064	6.363956154	6.14E-06	11.91467207
NDUFA4	NM_002489	74.51299858	7.387206154	3.87E-05	10.08676312
UGDH	NM_001184701	82.4791367	4.550217668	7.13E-07	18.12641564
TVP23C-CDRT4	NM_001204478	73.15283366	3.460945168	1.45E-06	21.13666357
LOC100996579	NR_110164	40.80241766	3.886840102	0.002179176	10.4975807
SUV420H2	NM_032701	130.3246782	26.3827274	3.81E-06	4.939772761
ASUN	NM_018164	73.15283366	2.206839453	3.97E-07	33.14823538
MRPS36	NM_033281	69.1697646	3.492335576	4.93E-06	19.80616212
ZNF764	NM_033410	97.09996085	19.56098949	0.000106881	4.963959564
COMMD4	NR_104313	79.37036901	18.30785043	0.000947536	4.335318846
LOC101926911	NR_110104	54.98609113	3.951862142	0.000125068	13.91396996
ILF3-AS1	NR_024333	137.8536657	15.81796168	5.54E-08	8.715008195
CDC42EP1	NM_152243	97.53711154	18.15034089	3.14E-05	5.37384461
POLR1C	NM_203290	97.09996085	20.30827691	0.000110151	4.781299827
KLHDC1	NM_172193	65.18669554	0.956717936	2.27E-07	68.13575149
TPP1	NM_000391	64.74954487	10.72971468	0.000869165	6.034600809
RAB18	NM_001256412	54.11178977	3.912757707	0.000396571	13.82957848

TUBGCP4	NM_014444	110.8464837	6.179907458	1.33E-08	17.93659281
EDC4	NM_014329	107.737716	16.80357263	4.21E-06	6.411595818
FAM57A	NM_024792	78.01020409	12.08809535	0.000141116	6.45347359
PSME3	NM_005789	129.0132262	19.78402417	3.03E-07	6.521081104
SNRNP40	NM_004814	197.6971272	4.977121829	3.72E-18	39.721175
ABCG2	NM_004827	41.67671904	1.778701603	0.000935157	23.43097851
PMAIP1	NM_021127	130.3246782	20.71972187	3.14E-07	6.289885501
SNAPC1	NM_003082	58.09485881	1.309964979	1.58E-05	44.34840607
HSPD1	NM_002156	144.071201	14.84461522	1.35E-09	9.70528362
ZNF816-ZNF321P	NM_001202473	51.87732345	2.03533538	0.000102555	25.48834161
OMA1	NM_145243	83.79058876	0.759408606	1.83E-09	110.3366332
C10orf32	NM_001136200	127.7017741	2.529670766	6.28E-14	50.48157881
DCK	NM_000788	66.06099693	1.544925245	2.47E-06	42.75999575
PTGES2-AS1	NR_024425	59.40631088	9.390632022	0.001595461	6.326124881
HMGCL	NM_000191	144.071201	9.375368956	8.26E-11	15.36699
RAB2A	NM_001242644	70.48121666	2.822530775	2.37E-06	24.97092939
RALBP1	NM_006788	109.4863187	4.263141762	4.92E-09	25.68207318
AVL9	NM_015060	90.4452748	1.945003812	1.92E-08	46.50133549
TAF4B	NM_001293725	37.2564993	0.658796389	0.000475706	56.55237329
VPS33B	NM_001289149	72.71568297	6.40575674	4.59E-05	11.35161479
STK17A	NM_004760	179.9675353	5.139083107	4.84E-16	35.01938606
NABP1	NM_001254736	101.5201806	7.599406228	8.67E-08	13.35896221
LUC7L	NM_018032	116.1410048	3.347008251	2.95E-10	34.69994575
TRPC4AP	NM_015638	125.4673077	5.20671558	2.08E-10	24.09720789
GSS	NM_000178	97.09996085	8.348234594	2.76E-07	11.63119696
DZIP3	NM_014648	62.07792787	2.602720407	1.49E-05	23.85117038
FXYP7	NM_022006	63.82653061	11.22283701	0.002121622	5.687201068
STX17-AS1	NR_038853	34.58488231	2.685100123	0.004776248	12.88029523
TEF	NM_003216	52.31447414	8.829176209	0.002517043	5.925181795
PIGU	NM_080476	74.02713503	5.530789699	9.64E-06	13.38455068
KIAA0020	NM_014878	69.60691528	2.771631101	2.48E-06	25.11406199
COPB1	NM_001144062	92.67974111	1.883399352	6.49E-09	49.20875703
MOCOS	NM_017947	130.3246782	1.706151033	1.19E-12	76.38519431
UBA1	NM_003334	106.377551	10.07723749	1.97E-07	10.5562215
NCDN	NM_014284	114.8295527	16.99126719	1.06E-06	6.758151198
NDST2	NM_003635	135.6679122	11.91668039	2.98E-09	11.3847068
YIPF6	NM_001195214	109.4863187	2.250487175	1.07E-10	48.65005228
OPA3	NM_001017989	101.9573313	9.588473597	6.37E-07	10.63332242
TMEM38A	NM_024074	95.30264523	8.203420315	5.04E-07	11.61742804
RBM43	NM_198557	32.83627956	0.883136661	0.003792231	37.18142503
SLC35F3	NM_173508	54.54894044	2.808975685	0.000116393	19.41951322
TRAF3IP1	NM_001139490	83.79058876	3.838750003	1.96E-07	21.82757113
DIP2A	NM_001146116	88.2108085	4.875928182	4.99E-07	18.09108035
FLJ38576	NR_046264	78.93321834	5.569927749	4.46E-06	14.17131818
DUS2	NM_001271763	93.55404248	6.96187025	6.99E-07	13.43806177
NIPSNAP3A	NM_015469	48.76855577	3.452354205	0.00066158	14.12617387
NOP9	NM_174913	93.11689181	17.97503046	5.47E-05	5.180346816
ECI1	NM_001178029	121.4842387	15.95086468	2.55E-07	7.616153805
NCK1	NM_006153	65.18669554	3.266995069	8.17E-06	19.95310497
PTDSS1	NM_014754	195.0742231	3.661533451	2.65E-17	53.27664645
DGCR2	NR_033674	83.35343807	7.290110359	7.97E-06	11.43376903
ERRFI1	NM_018948	127.7017741	8.043284368	5.47E-10	15.8768195
BUB1	NM_004336	51.44017277	4.319717505	0.000755518	11.90822611
DNAJC27	NM_016544	43.47403467	2.07040529	0.000677782	20.99783791
GOLPH3	NM_022130	75.38729997	2.434633665	7.07E-07	30.96453526
RBM34	NM_015014	99.7715779	3.924697886	1.26E-08	25.42146703
GTF2H5	NM_207118	132.5591446	4.516567104	1.12E-11	29.34953506
KANK1	NM_001256877	52.31447414	0.812703623	1.93E-05	64.37091289
DNAJC16	NM_015291	63.43809281	6.959723527	0.000337311	9.115030585
ZBTB34	NM_001099270	106.377551	7.005330168	3.46E-08	15.18523017
CCRN4L	NM_012118	93.11689181	5.170349154	6.56E-08	18.00978793
FZD3	NM_017412	94.86549455	2.44822225	1.14E-08	38.74872658

PGD	NM_002631	54.11178977	6.480801002	0.001394277	8.34955274
ALDH18A1	NM_001017423	51.00302207	3.539349442	0.000160205	14.41028158
DGUOK	NM_080918	92.67974111	5.128405219	1.32E-07	18.07184439
PABPC1	NM_002568	113.9552513	21.27586791	7.36E-06	5.356080035
GAS6	NM_000820	70.48121666	16.37921339	0.001890505	4.303089226
PRKDC	NM_006904	129.8875276	4.043549624	1.74E-11	32.12215494
ZCCHC24	NM_153367	108.6120173	9.819361075	2.20E-07	11.06100657
TTYH2	NM_032646	102.394482	10.83766061	6.27E-07	9.448024411
USP3-AS1	NR_034080	81.11897176	12.64900012	9.96E-05	6.413073838
MANEA	NM_024641	44.78548671	0.394782735	6.06E-06	113.4433772
ARPC2	NM_005731	65.62384623	6.222307566	4.28E-05	10.54654492
ZNF618	NM_133374	53.18877551	3.777982067	0.000111541	14.07862043
DENND1A	NM_020946	109.4863187	3.82858005	1.48E-09	28.5971084
IPP	NM_001145349	71.40423091	2.441267735	1.53E-06	29.24883243
DDX17	NM_006386	137.9023785	9.69203624	2.82E-10	14.22842168
LIG3	NM_002311	54.54894044	6.342577257	0.000390472	8.600437681
USP8	NM_005154	97.09996085	1.141756212	1.87E-09	85.04439024
SFXN5	NM_144579	84.66489013	8.938518388	5.08E-06	9.471915418
NCBP2-AS2	NR_024388	90.4452748	21.24353022	0.001076236	4.257544478
ZNF436	NM_030634	72.27853228	14.950228	0.001179587	4.834610702
GYG1	NM_001184721	48.33140508	5.276554867	0.001390188	9.159651761
FSD1L	NM_001287191	62.07792787	2.527189641	1.47E-05	24.56401643
TCF25	NM_014972	190.1681398	16.96890148	1.95E-12	11.20686216
MNAT1	NM_001177963	72.27853228	3.103154802	2.97E-06	23.29195187
C4orf27	NM_017867	71.8413816	5.175058209	9.87E-06	13.88223643
TNRC18	NM_001080495	76.69875203	10.49870999	9.67E-05	7.305540595
PPP4R2	NM_174907	108.6120173	2.310083807	3.32E-10	47.01648356
MTMR3	NM_021090	125.0301571	3.41170511	2.51E-11	36.64741033
EBLN3	NR_036592	54.98609113	5.526008112	0.000223728	9.950418098
ZFP36L2	NM_006887	136.9793643	23.86850773	9.10E-07	5.73891614
FANCD2	NM_001018115	54.11178977	3.787031854	9.74E-05	14.28870732
COQ7	NM_016138	72.27853228	2.828940842	1.71E-06	25.54967966
NUDT8	NM_001243750	92.24259043	17.67191701	0.000366668	5.219727458
PHF5A	NM_032758	125.0301571	13.81496613	2.10E-08	9.050341198
KIAA0907	NM_014949	150.2887363	7.669578214	1.16E-12	19.59543695
TRIM35	NM_171982	53.67463907	6.054833686	0.000406148	8.864758613
ZSWIM6	NM_020928	46.09693877	2.674777138	0.000664823	17.23393629
SDC4	NM_002999	163.1122449	11.44326606	8.12E-12	14.25399393
ADCK2	NM_052853	101.0830299	7.441094711	1.09E-07	13.58442996
STAM2	NM_005843	95.30264523	2.736508579	9.22E-09	34.8263645
NUTM2A-AS1	NR_024397	80.2446704	2.810053356	3.57E-07	28.55627998
C4orf29	NM_001039717	40.36526697	2.513947854	0.001890104	16.05652516
PPM1F	NM_014634	87.77365781	12.61417389	3.11E-05	6.958335803
CTDP1	NM_004715	73.58998434	6.357762221	9.03E-06	11.57482488
NDC80	NM_006101	55.42324183	1.382159813	4.63E-05	40.09901121
PON3	NM_000940	45.22263741	0.361646673	6.96E-06	125.0464631
SREBF1	NM_004176	129.0132262	20.2508333	6.69E-07	6.370761352
ICE2	NM_001018089	136.9793643	2.599370539	4.01E-13	52.69712886
ACO1	NM_002197	72.71568297	0.318526775	6.15E-09	228.2875054
RNF144A	NM_014746	88.2108085	1.626022781	4.29E-08	54.24942968
GPN2	NM_018066	79.8075197	9.9215611	2.15E-05	8.043847021
NUMA1	NR_104476	97.53711154	8.546524567	4.83E-07	11.41248829
TXNDC16	NM_020784	67.85831254	2.402676408	4.36E-06	28.24280137
TIAM1	NM_003253	67.37244898	2.386903585	5.74E-06	28.22587783
METAP1D	NM_199227	54.98609113	3.671567595	9.82E-05	14.97618924
PSMD9	NR_048555	65.18669554	7.057773091	0.000168897	9.23615632
CNTROB	NM_001037144	50.5658714	7.359228464	0.00239371	6.871083246
TMEM183B	NM_001079809	101.5201806	5.175953696	2.03E-08	19.61381159
CSNK1E	NM_001289912	80.68182108	10.79955531	5.70E-05	7.4708466
METTL2A	NM_181725	105.9891132	9.353002578	2.22E-07	11.33209494
POMK	NM_032237	142.759749	3.183922185	2.58E-13	44.83770038
PRPF4B	NM_003913	74.95014928	4.526803906	6.42E-06	16.55696841

IL18	NM_001562	51.87732345	2.638741951	8.22E-05	19.6598699
ACADS	NM_000017	85.1507537	8.607891243	7.32E-06	9.892173506
COPS3	NM_001199125	62.95222924	3.838306035	5.99E-05	16.4010448
LHFPL2	NM_005779	77.57305339	4.128465787	8.75E-07	18.78980168
UQCC2	NM_032340	110.8464837	10.28167728	3.99E-08	10.78097286
TTLL7	NM_024686	98.89727652	1.183511536	2.31E-09	83.56257924
HECTD1	NM_015382	59.01787307	3.738729187	3.07E-05	15.78554373
RANGAP1	NM_002883	110.4093329	14.29982789	4.87E-07	7.721025297
CEP19	NM_032898	73.58998434	6.236034592	1.81E-05	11.8007659
MRPS21	NM_031901	85.58790438	10.3114583	9.09E-06	8.300271588
DGKA	NM_201444	55.86039251	7.585672461	0.000852745	7.363934153
REST	NM_005612	77.57305339	5.763115344	3.00E-06	13.46026389
SEC23A	NM_006364	112.1579357	1.88990554	1.30E-10	59.34578916
IMPDH1	NM_001142575	91.31957618	13.49880195	1.15E-05	6.765013406
CCDC110	NM_001145411	49.20570646	4.448458367	0.001200425	11.06129414
SNX29	NM_032167	111.7207851	2.158515359	7.60E-10	51.75816081
OXCT1-AS1	NR_046635	66.06099693	13.45099202	0.004651706	4.91123605
C9orf91	NM_153045	56.29754319	5.369812193	0.000237367	10.48408048
PRDX3	NM_006793	169.8156438	10.5071581	2.75E-13	16.1619005
TPT1	NM_001286273	163.5981085	28.96263083	3.59E-08	5.648592818
XRCC3	NM_001100118	175.9844663	29.70655631	3.03E-09	5.924095154
MTHFD1L	NM_001242767	66.49814761	5.051689268	5.89E-05	13.1635467
RPS5	NM_001009	147.1799686	24.40770416	1.33E-07	6.03006197
AURKA	NM_198437	79.37036901	1.808010296	3.37E-08	43.89929039
PFKL	NM_002626	124.1071429	18.0080259	6.02E-07	6.891768345
CCNL1	NM_020307	129.8875276	17.75417197	1.09E-07	7.315887654
EMC2	NM_014673	64.74954487	0.322420352	1.31E-08	200.8233801
LPIN3	NM_022896	62.95222924	3.576433959	3.71E-05	17.6019549
NGLY1	NM_018297	87.33650713	1.783921206	2.35E-08	48.95760353
NIPBL	NM_133433	62.07792787	2.273599883	1.67E-05	27.303805
MAP3K1	NM_005921	38.56795136	3.286474168	0.003692257	11.73535814
SNX24	NM_014035	81.55612244	1.631689858	1.82E-07	49.98261285
RNF213	NM_001256071	119.2497724	10.26399958	3.12E-08	11.61825577
OSBPL2	NM_001278649	41.67671904	6.390695471	0.00471281	6.521468474
MRPL14	NM_032111	85.10204081	2.717884609	4.33E-08	31.31186679
PGM3	NM_015599	73.15283366	2.928176493	4.72E-07	24.98238539
ANKRD54	NM_138797	116.1410048	11.75422709	5.14E-08	9.880786198
NECAB3	NM_031231	139.6509813	29.63801838	1.81E-06	4.711886589
C5orf55	NM_138464	117.064019	18.79815541	1.22E-05	6.227420535
SNRPA1	NM_003090	92.67974111	2.90837935	1.07E-08	31.86645549
CASP8AP2	NM_001137668	119.2497724	6.483612006	2.82E-09	18.39249053
COPRS	NM_018405	74.46428571	9.105189636	4.37E-05	8.178224583
AKAP8L	NM_001291478	78.93321834	9.627659731	4.58E-05	8.198588291
HADH	NM_005327	58.5320095	4.635333839	0.000246632	12.62735577
LOC101927814	NR_110930	52.75162482	4.096794249	0.000306788	12.87631783
PODXL	NM_001018111	130.7618289	8.484035203	4.09E-10	15.41269288
CCDC102A	NM_033212	74.02713503	14.12839467	0.000394257	5.239599881
SLC1A1	NM_004170	37.69364998	2.47828437	0.003653333	15.20957419
CLASP2	NM_015097	90.8824255	2.09754646	3.72E-08	43.3279678
GTPBP8	NM_138485	109.049168	5.795262815	2.32E-09	18.81694955
SS18	NM_001007559	125.4673077	1.998567398	5.26E-12	62.77862225
REV3L	NM_001286432	117.5011696	3.988345995	1.92E-10	29.46112744
ZNF33B	NM_006955	147.6171194	2.189829813	9.35E-15	67.41031589
CASC4	NM_138423	83.79058876	3.293890611	2.25E-07	25.43818197
PCGF6	NM_001011663	103.3174962	5.149796933	1.60E-08	20.06244082
YLPM1	NM_019589	183.5134537	3.867092232	4.61E-16	47.45515305
NOXA1	NM_001256067	113.0322371	26.93720647	3.97E-05	4.196138051
HEIH	NR_045680	107.737716	22.67223717	0.000132076	4.751966698
ZCCHC4	NM_024936	75.38729997	2.028886339	6.86E-07	37.15698535
GPR137B	NM_003272	48.76855577	3.155218579	0.000311351	15.45647458
TEX10	NM_001161584	40.36526697	3.106876007	0.001869095	12.99223621
NUDT21	NM_007006	76.26160134	2.020355053	8.46E-08	37.74663331

CUL4A	NM_003589	173.3128494	6.392070579	4.22E-14	27.11372586
MTPAP	NM_018109	40.36526697	3.176940456	0.00177218	12.7057046
ATP6AP2	NM_005765	33.27343024	0.075087363	2.17E-05	443.1295617
IL15RA	NM_172200	57.65770813	5.395536961	0.000208504	10.68618537
SLC52A3	NM_033409	59.40631088	13.03678528	0.003357836	4.556822069
RUNX3	NM_004350	62.51507855	11.11980135	0.00108632	5.621960014
ANKRD18A	NM_147195	69.1697646	1.52808553	1.67E-06	45.26563679
HSPA5	NM_005347	136.9793643	15.76665182	1.45E-08	8.687917121
SMAP1	NM_021940	83.79058876	1.203361412	1.44E-08	69.63044347
FLII	NM_002018	67.42116185	14.21049455	0.000921773	4.744462737
MRPL27	NM_016504	145.431366	18.47019184	6.55E-09	7.873841659
PRSS12	NM_003619	37.2564993	2.863242863	0.003582863	13.01199412
TBC1D20	NR_111901	133.4334458	5.421775932	6.34E-12	24.61065295
SUPT16H	NM_007192	43.03688397	5.852621981	0.00431271	7.353436479
B3GNT3	NM_014256	101.5201806	10.25812752	3.12E-07	9.896560593
N6AMT1	NM_182749	127.2159105	3.649718158	1.40E-12	34.85636562
MREG	NM_018000	44.34833603	3.342958057	0.000593425	13.26619577
TMEM39A	NM_018266	49.69157001	4.924723819	0.001352291	10.09022472
STT3A	NM_152713	60.76647581	1.733749854	9.09E-06	35.04915987
SUFU	NM_016169	122.3585401	11.13921365	1.82E-08	10.98448633
SERPINE2	NM_006216	183.5134537	4.545643279	4.75E-16	40.37128355
LOC285626	NR_037889	75.82445064	1.928956012	1.48E-07	39.30854315
ENOX2	NM_182314	38.13080067	0.102960681	0.000237416	370.3433236
SMARCD1	NM_003076	112.1579357	10.5509403	4.30E-08	10.63013651
ZC3HAV1L	NM_080660	105.066099	13.9088841	1.69E-06	7.553884135
PIP5K1P1	NR_027712	43.47403467	5.145229545	0.004592085	8.449386814
HMGCS1	NM_001098272	66.06099693	3.346492654	3.90E-06	19.74036813
TMEM30A	NM_001143958	49.20570646	2.736283478	0.00022511	17.98267864
LOC101926933	NR_110002	48.33140508	3.431414201	0.000222177	14.08498137
AK4	NM_203464	39.05381491	2.665498174	0.001992215	14.6516007
GOLGA1	NM_002077	90.00812411	5.634795259	2.31E-07	15.97362814
SLC35G2	NM_025246	49.64285714	4.118635754	0.001307564	12.05322833
MPHOSPH9	NM_022782	146.742818	4.530951054	2.22E-12	32.3867586
SPINT1	NM_181642	97.97426223	15.45517634	1.34E-05	6.339252304
PRPS1	NM_002764	48.33140508	3.232980551	0.00020145	14.94948835
LLPH-AS1	NR_125724	95.78850885	5.098379731	2.48E-08	18.78802951
ACAT2	NM_005891	66.06099693	7.477342529	0.000133201	8.83482289
LAMC1	NM_002293	84.22773945	3.903960246	2.35E-07	21.57494804
EIF3A	NM_003750	138.7766799	10.82783904	3.93E-10	12.81665524
TRMT2B	NM_001167972	44.78548671	2.363379988	0.000461433	18.94976133
PNMA1	NM_006029	91.8054398	19.10622095	0.000319408	4.80500252
BCDIN3D	NM_181708	101.5201806	11.16119939	3.44E-07	9.095812833
DNAJC5G	NM_173650	30.60181325	2.040676964	0.003792231	14.99591253
LINC00941	NR_040245	44.34833603	6.060289408	0.004296534	7.317857786
VEZT	NM_017599	39.9281163	2.727829836	0.001998776	14.6373193
MAP2K4	NM_003010	131.2476924	1.974840696	3.33E-12	66.45988849
VPS53	NM_018289	97.09996085	3.231472974	1.22E-08	30.04820453
C16orf52	NM_001164579	54.54894044	2.822703085	9.03E-05	19.32507203
LINC01273	NR_109943	66.93529829	10.67655786	0.000519914	6.269370628
CD2AP	NM_012120	172.8756986	2.251407974	3.84E-16	76.78559399
WDR59	NM_030581	83.35343807	3.169016903	2.10E-07	26.30261707
WHAMM	NM_001080435	129.4503768	4.98928608	1.71E-11	25.94567133
UQCC1	NM_199487	47.8942544	5.688483339	0.001649111	8.419512117
DYNC2LI1	NM_015522	62.51507855	2.873536929	5.38E-06	21.75544637
RFXAP	NM_000538	75.82445064	3.931762063	5.00E-07	19.28510664
GTF3C1	NM_001286242	84.66489013	6.776441629	9.22E-07	12.49400419
CUL7	NM_014780	165.3467113	19.82253645	4.29E-10	8.34134984
CRK	NM_005206	198.5714286	12.08357248	9.23E-15	16.4331723
ZNF678	NR_102302	59.40631088	4.710253352	0.000169478	12.61212645
LYRM2	NR_028495	49.20570646	4.235380738	0.000395086	11.61777642
TDG	NM_003211	104.6289483	5.590377976	3.76E-09	18.71589877
SLC16A1-AS1	NR_103744	72.27853228	4.564194199	8.20E-06	15.83598969

PDK3	NM_005391	52.31447414	0.910563362	1.03E-05	57.45286526
TBX3	NM_016569	45.65978809	1.207995572	9.11E-05	37.79797637
ERO1L	NM_014584	91.31957618	2.045674828	1.10E-08	44.64031864
ERLIN2	NM_001003790	101.5201806	5.842271218	8.53E-09	17.37683459
ATG14	NM_014924	67.42116185	5.017136732	2.32E-05	13.43817509
RBM45	NM_152945	122.7956908	4.947436661	1.77E-10	24.82006325
FAM53C	NM_016605	93.99119317	19.27251919	0.000174224	4.876954189
CUTC	NM_015960	78.49606764	6.816011582	1.43E-05	11.51642228
COLGALT1	NM_024656	90.4452748	9.152962913	4.05E-06	9.881529692
TMEM65	NM_194291	88.2108085	4.839242464	3.86E-07	18.22822666
C8orf74	NM_001040032	42.11386972	5.500679539	0.004125773	7.656121288
RAP2A	NM_021033	55.86039251	1.900902667	2.35E-05	29.38624554
FBXO31	NM_001282683	146.742818	13.80442731	8.70E-10	10.63012718
CNP	NM_033133	117.9383204	25.83457746	2.36E-05	4.565134482
DHODH	NM_001361	110.8464837	7.549951992	5.94E-09	14.68174682
TMEM194B	NM_001142645	155.5832575	6.521148597	7.92E-13	23.85825981
PSME2	NM_002818	84.66489013	8.976772391	7.58E-06	9.431551392
MEAF6	NR_073091	65.62384623	2.65969905	2.90E-06	24.67341041
GLO1	NM_006708	96.22565948	1.266781462	1.75E-10	75.96074176
METTL6	NM_152396	41.23956835	2.22484685	0.00105389	18.55561419
KIF26A	NM_015656	79.8075197	11.43934501	4.91E-05	6.976581229
USP11	NM_004651	66.06099693	2.919218674	1.08E-05	22.62968428
POM121	NM_001257190	85.1507537	9.707774499	1.80E-05	8.771397987
GOLIM4	NM_014498	48.33140508	1.249918897	0.000248665	38.66763291
CCDC38	NM_182496	80.68182108	2.439737311	2.70E-07	33.0698804
CDC42SE1	NM_020239	136.5422136	13.67513336	6.04E-09	9.984708016
LRAT	NM_004744	76.69875203	4.420650088	2.48E-06	17.350107
MRPL15	NM_014175	71.40423091	6.050434458	2.68E-05	11.80150474
C8orf76	NM_032847	181.3277003	11.46304466	1.97E-13	15.81845886
LSS	NM_001145436	55.42324183	9.182333649	0.001774212	6.035855801
CHURC1	NM_145165	61.2036265	5.677177507	0.000105154	10.78064345
FAM175B	NM_032182	53.72335195	3.63576723	7.36E-05	14.77634528
SOCS6	NM_004232	80.68182108	2.909101094	1.83E-07	27.7342789
VAMP4	NR_033704	48.81726865	2.175271863	0.000230193	22.44191611
GTPBP10	NM_001042717	43.03688397	0.276715537	1.51E-05	155.5275301
LINC00886	NR_038387	75.38729997	5.522646472	8.53E-06	13.65057502
GPD2	NM_000408	91.31957618	2.849165293	3.59E-08	32.05134374
SETDB1	NM_012432	66.06099693	9.11380281	0.000198865	7.24845581
IRF6	NM_006147	54.98609113	5.809216727	0.000360926	9.465319286
CAP2	NM_006366	49.20570646	2.52729324	0.000353246	19.46972582
RNPS1	NM_001286627	71.40423091	15.64741486	0.001523748	4.563324457
APIG1	NM_001030007	80.68182108	4.102876666	2.45E-06	19.66469569
NEO1	NM_002499	44.78548671	1.497145013	0.000638212	29.91392705
C1orf204	NM_001134233	55.42324183	6.187961019	0.000372676	8.956624267
INCA1	NM_001167987	72.71568297	12.83228478	0.000422168	5.666620106
PMF1	NM_001199654	89.57097344	6.880056963	1.42E-06	13.01892905
URGCP-MRPS24	NM_001204871	78.01020409	7.235775081	1.94E-05	10.78118145
LOC100507419	NR_123723	112.5950864	17.00595822	4.08E-06	6.620919853
RPL26L1	NM_016093	90.8824255	8.108355178	1.28E-06	11.20849093
VPS9D1	NM_004913	212.3666642	37.27481722	4.40E-10	5.697322752
SMAD2	NM_005901	73.15283366	2.649615337	1.18E-06	27.60885047
CSNK1D	NR_110578	180.4046861	30.74614956	2.91E-09	5.86755378
LOC101927795	NR_110275	135.2307615	5.847860851	7.07E-11	23.12482546
SNRPG	NM_003096	71.40423091	10.27139826	0.000143406	6.951753707
PPP3CA	NM_001130692	90.4452748	2.517052545	4.44E-08	35.9330102
CPE	NM_001873	80.68182108	2.834908855	3.84E-07	28.46011114
LAMTOR1	NM_017907	125.9044585	22.35217941	2.25E-06	5.632759839
LSM8	NM_016200	62.07792787	5.991410343	5.65E-05	10.36115444
CFC1B	NM_001079530	58.09485881	8.298375256	0.001455176	7.000750993
TYW1B	NM_001145440	62.56379143	1.507060242	1.64E-05	41.51379599
UBE2D1	NM_003338	142.759749	3.427656091	5.63E-13	41.6493794
ZNF561-AS1	NR_122038	115.7038541	1.332342052	6.58E-14	86.8424546

FAM149B1	NM_173348	112.1579357	5.082702432	3.52E-09	22.06659493
CSTF1	NM_001033522	91.31957618	0.239480311	2.45E-13	381.3239416
MYPOP	NM_001012643	84.66489013	10.065542	7.56E-06	8.411359279
ZNF561	NM_152289	74.95014928	6.65484795	1.64E-05	11.26248862
MED23	NM_004830	54.98609113	2.853423342	7.12E-05	19.27021845
PTPN11	NM_080601	119.6869232	4.985849611	5.28E-10	24.00532156
KIAA1462	NM_020848	59.84346156	4.112083663	0.000131877	14.5530749
FBXW2	NM_012164	143.6340504	4.234104491	9.92E-13	33.92312369
LRPAP1	NM_002337	118.8126218	13.97238338	7.70E-08	8.50338976
ORMDL1	NM_001128150	157.3805731	7.017691413	4.15E-13	22.42626013
EEFIG	NM_001404	90.00812411	20.48887027	0.000322796	4.393025233
IWS1	NM_017969	125.0301571	4.448389742	8.31E-11	28.10683514
VPS35	NM_018206	83.35343807	1.266341223	1.23E-08	65.82225749
ACAP2	NM_012287	83.79058876	2.617196374	2.29E-07	32.01539998
MED13	NM_005121	66.93529829	5.732044415	5.58E-05	11.67738654
SLC9B2	NM_178833	62.95222924	3.458810898	1.25E-05	18.20054091
TXNDC11	NM_015914	130.3246782	7.120076067	3.93E-10	18.30383228
ROPN1B	NM_001012337	47.94296727	7.676556109	0.003887188	6.245374434
ZNF684	NM_152373	40.36526697	2.610468352	0.001123452	15.4628448
SIRT1	NM_012238	108.6120173	6.273430217	2.30E-08	17.31301912
ITPKC	NM_025194	68.29546324	10.46143196	0.000347046	6.528309267
SEC22B	NM_004892	46.58280234	3.031705338	0.000360926	15.36521434
TMEM201	NM_001010866	81.55612244	14.82802257	0.000203949	5.500134767
SPATA5L1	NM_024063	65.62384623	7.50882411	0.000142227	8.739563648
STYX	NM_001130701	74.07584791	2.762018389	7.23E-07	26.81946224
BTBD7	NM_001002860	115.7038541	3.929089748	1.93E-09	29.44800489
PELP1	NM_014389	108.6120173	7.556875955	2.71E-08	14.3726082
SHOC2	NM_007373	107.737716	2.29352892	4.92E-10	46.97464902
NIFK	NM_032390	62.51507855	8.051036502	0.000174578	7.764848481
ARHGAP19	NM_032900	105.066099	2.869161731	8.77E-10	36.61909255
FRYL	NM_015030	60.76647581	2.213628162	3.31E-05	27.45107641
GAS5	NR_002578	139.2138305	32.35852093	1.21E-05	4.302230959
FAM86JP	NR_024250	38.13080067	1.315018056	0.001097414	28.99640846
LOC101927204	NR_110184	53.67463907	3.874330718	0.000129905	13.85391258
HAUS8	NM_001011699	83.35343807	9.579804687	2.20E-05	8.700953808
PARD6B	NM_032521	59.01787307	7.566143284	0.000485926	7.800258448
ERCC8	NM_001290285	37.2564993	2.529130515	0.003508624	14.73095163
DNPEP	NM_012100	85.10204081	8.636027847	7.44E-06	9.854303659
WFDC3	NM_080614	57.65770813	8.591423126	0.000822042	6.711077697
SRSF6	NR_034009	246.9028337	15.45095504	7.12E-19	15.97977814
ADPRH	NM_001291949	64.74954487	3.734233781	8.72E-06	17.33944596
TXN	NM_003329	133.8705966	13.84185673	6.64E-09	9.671433477
SLC7A1	NM_003045	88.64795919	4.987804561	4.60E-07	17.7729416
DIMT1	NM_014473	79.8075197	2.79203157	2.61E-07	28.58403199
RWDD2B	NM_016940	47.8942544	1.794077324	7.13E-05	26.69575818
VSIG10	NM_019086	121.9213894	5.696454822	1.87E-10	21.4030293
TRNAU1AP	NR_003109	82.91628738	15.17614485	0.000244832	5.463593566
EIF2S1	NM_004094	138.2908163	4.117209814	1.52E-12	33.58847922
MFI2	NM_005929	76.26160134	18.40949209	0.00167461	4.142515228
RAB8B	NM_016530	30.16466256	0.608826535	0.001444173	49.54557797
MPHOSPH6	NM_005792	146.3056673	2.853896302	2.72E-14	51.26523595
IPO9-AS1	NR_046696	154.7089561	6.815156486	6.34E-12	22.70071956
MAN2A1	NM_002372	86.89935644	1.980453923	1.14E-07	43.87850454
CCDC175	NM_001164399	28.8532105	0.971619104	0.003321486	29.69600988
RAB5C	NM_201434	50.12872071	8.50856903	0.002832342	5.89155715
LOC102723582	NR_125405	66.06099693	5.312509846	3.40E-05	12.43498814
PSPH	NM_004577	40.36526697	3.271438132	0.001796512	12.33869184
PFDN2	NM_012394	109.9721823	6.545739125	9.72E-09	16.80057518
LOC101927040	NR_110954	58.96916018	2.006761119	2.52E-05	29.38524153
JMJD7-PLA2G4B	NM_001198588	106.8634146	13.4284727	9.27E-07	7.957972365
THEM4	NM_053055	155.5832575	7.14769708	1.84E-12	21.76690699
FANCB	NM_152633	42.11386972	0.652725942	2.97E-05	64.51998767

CLIP1	NM_001247997	115.7038541	4.408366476	2.70E-09	26.24642365
RBCK1	NM_031229	144.9455024	13.28131519	3.51E-10	10.91349014
SERP1	NM_014445	69.1697646	14.0841426	0.001179909	4.911180365
LRRC28	NM_001284400	88.64795919	2.512065749	5.93E-08	35.28886901
PTCHD2	NM_020780	64.31239418	6.938420735	0.000205322	9.269024846
TACC3	NM_006342	101.9573313	22.8207065	5.93E-05	4.46775525
PSMC6	NM_002806	69.1697646	5.623141922	1.56E-05	12.30091034
CYLD	NM_001042412	44.34833603	0.355688492	1.45E-05	124.683078
PDE6D	NM_001291018	103.754647	5.475486442	1.71E-08	18.94893688
GOLGB1	NM_004487	107.737716	2.933271775	5.88E-10	36.72953761
ATP7B	NM_001243182	38.56795136	2.773089997	0.003607536	13.90793354
MTHFS	NM_006441	114.392402	2.995571584	8.82E-11	38.18717021
VAMP8	NM_003761	51.87732345	7.823271192	0.003132583	6.631154945
ITGB1	NM_002211	91.31957618	2.2622664	1.42E-08	40.3664114
IMPAD1	NM_017813	88.64795919	0.976936461	2.14E-09	90.74076226
KIDINS220	NM_020738	58.5320095	2.038740593	4.89E-05	28.70988576
WDR33	NM_001006623	90.4452748	4.723641334	2.32E-07	19.1473629
PDXP	NM_020315	144.5083517	16.32550192	4.46E-09	8.851694266
FBXO36	NM_174899	64.74954487	3.385652748	8.29E-06	19.12468575
PTCD3	NM_017952	95.3513581	5.273590963	8.09E-08	18.08091655
OFD1	NM_003611	63.82653061	0.706838864	1.13E-07	90.29855862
DDX47	NM_016355	39.49096561	3.304524704	0.001282583	11.95057358
CYB5RL	NM_001031672	47.45710371	6.512400055	0.00136993	7.287191099
VAPB	NR_036633	55.42324183	3.57467925	9.09E-05	15.50439576
NEBL	NM_001173484	91.31957618	1.142569417	2.96E-09	79.92475106
YTHDC2	NM_022828	72.27853228	2.192589936	1.83E-06	32.96491109
PSEN1	NM_007318	101.5201806	3.105589199	2.21E-09	32.68950724
FAM149A	NM_015398	45.65978809	2.478380715	0.000380963	18.4232341
TMED8	NM_213601	76.26160134	4.063934777	2.75E-06	18.76545898
BCKDHA	NM_000709	76.26160134	9.681084323	6.92E-05	7.877382202
PFKFB2	NM_006212	114.8295527	5.12589378	4.92E-10	22.40185959
KIF2A	NM_001243952	72.27853228	3.643632559	2.35E-06	19.83694325
SLC16A5	NM_004695	227.8617898	21.40053777	1.07E-14	10.64747962
KIF11	NM_004523	125.9044585	4.850904993	1.39E-10	25.95483908
ZNF252P	NR_023392	149.414435	7.393562778	3.96E-12	20.20871933
DENR	NM_003677	93.55404248	7.77892933	3.24E-07	12.02659627
PPP4R1L	NR_003505	73.58998434	3.582288868	1.22E-06	20.54272758
POMZP3	NM_152992	124.1558557	5.521866542	2.37E-10	22.48439993
OCRL	NM_000276	45.22263741	1.880090792	0.000457683	24.05343273
SAR1B	NM_016103	69.1697646	2.496010908	1.77E-06	27.71212433
TBC1D10A	NM_001204240	55.86039251	12.08648746	0.003098228	4.62172262
KIAA0355	NM_014686	65.62384623	4.344889892	5.16E-05	15.10368452
KLLN	NM_001126049	173.3128494	28.34928121	6.66E-09	6.113483023
ZNF318	NM_014345	80.68182108	5.415012351	1.75E-06	14.89965596
ITGB3BP	NR_045147	69.60691528	2.539760004	3.79E-06	27.40688694
SYCE2	NM_001105578	58.5320095	9.518471957	0.002663159	6.149307343
PES1	NM_001243225	55.42324183	11.66242449	0.004341649	4.75229159
FAM161B	NM_152445	58.09485881	10.93622892	0.002655783	5.312147291
HDCC2	NM_016063	58.96916018	2.903309342	1.39E-05	20.3110152
FKBP1A-SDCBP2	NR_037661	108.1748666	8.809697544	5.13E-08	12.27906703
LINC00240	NR_026775	31.47611462	0.62239359	0.001371081	50.5726844
SMO	NM_005631	62.51507855	6.269758727	6.53E-05	9.970890631
BMP8B	NM_001720	77.13590271	13.68886353	0.000248665	5.634938395
RBM20	NM_001134363	80.2446704	3.928663285	4.92E-07	20.42543852
KIAA1429	NM_183009	89.57097344	5.314106572	3.20E-07	16.85532125
PPIL4	NM_139126	64.74954487	3.958593872	3.69E-05	16.35670315
SDCCAG3	NM_006643	105.5032497	22.05468156	5.18E-05	4.783712219
TTC13	NM_001122835	43.91118534	3.089955651	0.001083254	14.21094355
LOC100129940	NM_001292024	45.22263741	4.453961017	0.002268376	10.15335277
ITPR1-AS1	NR_108075	40.80241766	1.489164303	0.000369823	27.39954052
TPST2	NM_003595	62.07792787	3.672764485	1.41E-05	16.90223485
KLHDC3	NM_057161	62.51507855	11.64311466	0.001692324	5.369274494

ATXN2	NM_002973	75.38729997	4.85849464	9.83E-06	15.5165963
BMPR2	NM_001204	90.4452748	2.831152358	3.95E-08	31.94645266
TNKS	NM_003747	90.4452748	2.395784259	3.96E-08	37.75184449
ERCC6L2	NM_001010895	139.2138305	2.633025496	5.06E-13	52.87219238
MTBP	NM_022045	66.98401118	1.618424479	5.37E-06	41.38840709
RPP30	NM_001104546	49.25441934	4.422289817	0.001332236	11.13776378
RALGAPB	NM_020336	78.93321834	3.541086486	4.00E-07	22.29067792
SNRPB	NM_198216	222.5185558	14.98793412	1.94E-16	14.8465128
PARVA	NM_018222	79.37036901	4.184584055	3.02E-06	18.96732578
RMND5B	NM_022762	170.6899452	11.23060458	7.10E-13	15.1986426
MECR	NM_016011	65.62384623	7.155512928	0.000186404	9.171089045
BCL2L1	NM_001191	83.79058876	9.093605252	7.65E-06	9.214232027
PIP4K2C	NM_024779	49.69157001	5.772664883	0.000937912	8.60808154
C9orf41	NM_152420	39.49096561	1.397436673	0.001386776	28.25957438
ZBTB39	NM_014830	94.42834386	12.17951111	1.00E-05	7.75304879
AGAP11	NM_133447	66.49814761	6.059489149	4.34E-05	10.9742168
BLOC1S5	NM_001199322	80.68182108	1.490051776	1.03E-07	54.14699165
PMPCA	NM_015160	103.3174962	19.02064455	1.53E-05	5.43186094
TNS3	NM_022748	47.8942544	4.299184659	0.001717285	11.14031106
SMG8	NM_018149	109.9721823	15.08073433	1.12E-06	7.292229932
SLC25A28	NM_031212	122.3585401	12.73235035	4.04E-08	9.610051304
STKLD1	NR_103997	70.91836734	13.29216629	0.000665995	5.335350597
NDUFB9	NM_005005	224.753022	5.225367251	5.32E-23	43.01190925
NSD1	NM_022455	109.049168	4.761603199	9.30E-09	22.90177561
DEXI	NM_014015	93.99119317	13.49892586	6.49E-06	6.962864612
NIN	NM_182946	102.394482	3.803196697	2.94E-09	26.92326748
GGH	NM_003878	72.27853228	3.847560322	6.71E-06	18.78554883
LNX2	NM_153371	68.73261391	2.517853547	3.57E-06	27.29809842
DISP1	NM_032890	64.31239418	1.096520009	7.08E-07	58.651364
HLTF	NM_003071	57.22055744	2.228102049	3.84E-05	25.68130013
INTS10	NM_018142	121.9213894	1.850145868	1.19E-12	65.89825782
EVA1C	NM_001286556	70.48121666	4.914817973	1.65E-05	14.34055484
GTF3C3	NM_012086	56.78340675	4.199905605	0.000220477	13.52016262
GFPT1	NM_002056	97.97426223	3.528550688	7.05E-09	27.76614846
MUC13	NM_033049	33.27343024	0.438493211	0.000248421	75.88128935
EBP	NM_006579	81.11897176	2.752471348	3.14E-08	29.47132286
ALDH16A1	NM_153329	161.3636422	17.3268807	3.40E-10	9.312907786
SLC26A11	NM_001166348	69.60691528	12.27151283	0.001123128	5.672235872
UTP20	NM_014503	36.38219793	0.130859534	0.000112605	278.0248156
ENGASE	NM_001042573	107.3005653	16.59152357	4.91E-06	6.467191805
WDR82	NM_025222	183.9506044	8.762463513	1.29E-14	20.99302372
MST1R	NM_002447	183.9506044	18.4620948	1.41E-11	9.963690812
GTF2H1	NM_001142307	43.91118534	1.734037419	0.000788337	25.32308984
DLEU2	NR_002612	52.31447414	6.759864309	0.000971848	7.738982876
RNF20	NM_019592	39.9281163	0.747761617	8.17E-05	53.39685189
UQCR10	NM_013387	86.89935644	11.67897201	3.41E-05	7.44066827
CCDC138	NM_144978	62.51507855	3.020823639	1.48E-05	20.6947131
MEF2BNB	NM_001145784	117.5011696	15.88843508	3.23E-07	7.395389732
PKIA	NM_181839	40.36526697	1.082882287	0.000229389	37.27576623
UBR3	NM_172070	102.8803456	2.987613233	3.92E-09	34.43563057
PCCB	NM_000532	78.49606764	3.66566391	6.73E-07	21.4138747
TMEM209	NM_032842	60.76647581	2.549595977	1.74E-05	23.83376675
ESCO1	NM_052911	103.754647	1.848318622	9.55E-10	56.13461105
HS1BP3	NM_022460	111.7207851	9.955967392	8.96E-08	11.22148965
TRIM52	NM_032765	123.2328415	15.49385983	1.36E-07	7.953656663
THEM6	NM_016647	121.4842387	27.4714289	2.04E-05	4.422203123
ERMARD	NM_001278533	101.1317428	4.348607478	1.45E-08	23.25612125
GABARAPL2	NM_007285	58.96916018	6.275160346	0.000297302	9.397235598
OSGEPL1	NM_022353	45.22263741	3.85402533	0.00167132	11.73387135
ETAA1	NM_019002	44.78548671	2.498811234	0.000211953	17.92271706
TMEM189	NM_001162505	140.5252827	15.52494673	6.84E-09	9.051579057
PLOD3	NM_001084	131.1989796	15.12920877	1.21E-08	8.671899608

UHRF2	NR_046386	108.6120173	2.019834118	4.22E-10	53.77274123
ZCCHC9	NM_001131035	130.7618289	2.857453185	7.05E-14	45.76166973
GATB	NM_004564	54.11178977	4.165651098	0.000504008	12.98999568
3-Mar	NM_178450	44.34833603	3.36518518	0.000662521	13.17857225
PHIP	NM_017934	73.15283366	1.409263043	1.04E-06	51.90857308
PTS	NM_000317	114.392402	4.12293166	5.41E-11	27.74540337
PAXIP1-AS1	NR_028090	104.6289483	15.45628111	6.44E-06	6.769348173
CSE1L	NM_001256135	153.8346547	5.272285081	2.45E-13	29.17798495
ZC3H8	NM_032494	62.95222924	4.842442356	7.19E-05	13.00009884
DOCK1	NM_001290223	97.97426223	1.28468202	1.06E-09	76.26343382
CEP104	NM_014704	51.44017277	5.639902645	0.000831272	9.120755447
SPIDR	NM_001282916	87.77365781	1.737669902	8.20E-08	50.51227378
NDUFA7	NM_005001	120.6099374	18.87192528	1.39E-06	6.390971542
RBM4B	NM_001286135	129.4503768	15.41768019	2.59E-08	8.396229213
MVP	NM_001293204	49.20570646	8.524266179	0.004281658	5.772427259
HDAC7	NM_015401	81.11897176	14.27076143	0.00015792	5.684277757
PLD1	NM_002662	47.01995303	2.790132489	0.000665947	16.85222949
FASTKD5	NM_021826	65.18669554	5.726052299	9.03E-05	11.38422986
MAST1	NM_014975	51.87732345	9.526297678	0.00297642	5.445696241
ACLY	NM_001096	76.69875203	9.942400978	8.52E-05	7.714308867
ZNHIT1	NM_006349	90.8824255	14.5743127	5.32E-05	6.235794948
PLSCR1	NM_021105	55.86039251	2.204425751	2.39E-05	25.34011068
PNPLA6	NM_001166112	69.60691528	12.3100902	0.001080266	5.654460217
KLHDC10	NM_014997	41.23956835	4.052113913	0.002035234	10.17729739
SIK1	NM_173354	141.8367347	8.638741053	1.63E-11	16.41868113
SGTB	NM_019072	40.80241766	3.736645221	0.00197065	10.91953216
PRPF38B	NM_018061	116.6268684	6.234372116	1.32E-09	18.70707526
MGEA5	NM_001142434	118.8613346	7.001247564	2.28E-09	16.97716493
AACS	NM_023928	111.2836343	7.535632292	2.67E-08	14.76765718
RNPEP	NM_020216	168.8926296	12.67408114	3.11E-12	13.32582833
H2AFZ	NM_002106	113.0322371	18.7892713	1.10E-05	6.015786098
PRMT3	NM_001145166	36.38219793	1.35155507	0.003456673	26.91876842
HNRNPA1	NM_002136	135.6679122	21.52983777	5.85E-07	6.301390365
ASRGL1	NM_001083926	65.62384623	3.704688998	7.16E-06	17.71372611
FBXW4	NM_022039	231.8448589	7.163340977	3.39E-19	32.36546461
SMURF1	NM_001199847	78.01020409	3.848863267	7.90E-07	20.26837502
F2R	NM_001992	48.33140508	5.471329205	0.001155998	8.833576499
PRR12	NM_020719	91.31957618	15.84986515	5.99E-05	5.761536473
TIGD4	NM_145720	51.44017277	1.417649604	1.35E-05	36.28553391
DENND5A	NM_001243254	81.11897176	4.705859529	2.95E-06	17.2378651
HTT	NM_002111	42.11386972	5.181576616	0.004987019	8.127616909
PPP3CC	NM_001243975	121.9213894	2.215361534	2.01E-11	55.0345339
EMC6	NM_001014764	58.5320095	3.658264918	0.00095935	15.99993735
TAF3	NM_031923	39.05381491	0.421599037	0.000216217	92.63259997
C1orf52	NR_024113	121.4842387	8.635935996	8.81E-10	14.06729262
TCHP	NM_032300	60.76647581	8.79968093	0.000469096	6.905531723
TMEM115	NM_007024	119.6869232	25.70935691	1.39E-05	4.65538378
STK3	NM_001256313	115.2667034	3.86961542	4.27E-10	29.78763801
RPUSD2	NM_152260	62.07792787	15.01798998	0.004054886	4.133571
ZNF706	NM_016096	107.737716	12.44395927	6.28E-07	8.657832582
RNF168	NM_152617	97.97426223	3.582919162	2.63E-08	27.34481516
ZMAT3	NM_152240	83.79058876	1.30176044	4.58E-08	64.36713407
CCZ1	NM_015622	136.1050629	4.222263974	1.82E-12	32.23509087
PHF20L1	NM_016018	112.6437993	2.849992	2.51E-10	39.52425106
GSG2	NM_031965	100.2087285	15.32481236	1.53E-05	6.53898568
SH3D21	NM_001162530	69.60691528	16.73073332	0.002490743	4.160422257
TAOK1	NM_025142	55.42324183	2.977174836	0.000106881	18.61605209
MFHAS1	NM_004225	95.73979591	5.417379191	8.82E-08	17.67271452
PGRMC1	NM_001282621	73.58998434	7.806187785	4.12E-05	9.427134776
SCYL3	NM_020423	74.51299858	2.770235319	6.63E-07	26.89771446
RPS2	NM_002952	273.5215779	56.92751276	4.56E-11	4.804734383
POMT2	NM_013382	144.071201	7.830229741	2.96E-11	18.3993581

RAP1A	NM_001291896	44.34833603	1.432409398	0.00051952	30.96065698
MMAB	NM_052845	54.98609113	10.45546401	0.004508696	5.25907708
RSAD1	NM_018346	119.2984853	16.21385565	2.12E-07	7.35781099
SERPINH1	NM_001235	101.0830299	19.55739975	6.08E-05	5.168531154
DMXL1	NM_005509	32.83627956	1.262302947	0.002083121	26.01299445
NUP153	NM_001278210	91.75672686	5.291600719	2.65E-07	17.34007
SSR2	NM_003145	106.377551	9.00025309	7.99E-08	11.81939552
RRP1	NM_003683	107.737716	16.13342837	1.62E-06	6.677918264
ZNF638	NM_001252613	54.54894044	4.833661702	0.000524558	11.28522098
SLC25A13	NR_027662	72.71568297	1.34544732	2.27E-06	54.04573029
HHIPL2	NM_024746	24.38427789	0.879334471	0.004451956	27.73037871
EXT1	NM_000127	52.31447414	1.364065057	2.31E-05	38.35189083
RDH10	NM_172037	173.7987129	3.777659632	1.94E-16	46.00698045
RGS16	NM_002928	86.89935644	9.779520807	9.01E-06	8.885850151
ZNF22	NM_006963	101.9573313	6.328914312	2.37E-08	16.10976642
KLC1	NM_005552	117.9383204	7.565616839	7.04E-09	15.588725
EIF1AD	NM_001242484	97.09996085	9.82813289	5.96E-07	9.879797307
AGPAT4	NM_020133	37.69364998	2.569551109	0.003807455	14.66935211
TMEM245	NM_032012	148.4914208	3.646059417	1.42E-13	40.7265499
UBXN8	NM_001282189	55.86039251	3.809408905	0.000162467	14.66379533
PEX11G	NM_001270539	121.4842387	15.25626567	7.46E-08	7.962907919
DGCR14	NM_022719	68.29546324	13.95131052	0.000923528	4.89527225
NIPA1	NM_144599	91.31957618	4.709575835	1.60E-07	19.39019126
ACAD10	NM_001136538	46.14565165	4.733648238	0.002695541	9.74843278
CASC5	NM_144508	54.98609113	3.423770088	9.25E-05	16.06010033
CLN6	NM_017882	93.55404248	10.64669934	2.23E-06	8.787140456
ARRDC4	NM_183376	61.64077717	4.560572748	3.16E-05	13.51601664
NSL1	NM_001297737	101.0830299	4.156118806	3.19E-08	24.32149672
MFS11	NM_001242534	118.375471	10.20895862	3.43E-08	11.59525427
ZNF644	NM_032186	75.38729997	3.727175768	1.40E-06	20.22638713
TTI1	NM_014657	94.42834386	4.28034608	9.07E-08	22.06091332
KANSL2	NM_017822	186.1850708	8.5023274	1.02E-14	21.89813001
SLC35B1	NM_005827	140.0881319	14.9610797	2.31E-09	9.363504155
CNOT3	NM_014516	107.3005653	18.32869455	6.45E-06	5.854239372
PPIEL	NR_003929	62.95222924	8.774923954	0.000340783	7.17410539
TRNP1	NM_001013642	191.4795919	26.78861134	1.07E-10	7.147798348
PPFIA1	NM_003626	134.3077472	6.600289845	4.67E-11	20.34876504
GRPEL2	NM_152407	78.93321834	9.74749505	1.72E-05	8.09779517
STK39	NM_013233	63.82653061	1.523208818	1.69E-05	41.9026793
TMEM167A	NM_174909	42.16258261	3.656659129	0.000838238	11.5303563
CSNK1G1	NM_022048	64.74954487	3.887433647	9.99E-06	16.65611577
CHD4	NM_001273	132.9962952	11.62833782	1.11E-09	11.43725761
SYAP1	NM_032796	87.33650713	1.916621246	1.42E-08	45.56795315
PPP1R14C	NM_030949	73.58998434	4.781277688	9.19E-06	15.39128014
DYNLL2	NM_080677	325.7873391	30.70226401	7.32E-21	10.61118291
TNRC6A	NM_014494	80.68182108	4.17051629	2.64E-06	19.34576332
MTMR9	NM_015458	137.4165149	3.051324974	2.75E-13	45.03503104
SLC27A2	NM_003645	61.2036265	2.665221424	2.15E-05	22.96380554
TBC1D2B	NM_015079	104.1917976	6.319171345	2.58E-08	16.48820579
GSK3A	NM_019884	147.6171194	21.5667748	2.86E-08	6.84465437
TOB1	NM_005749	266.8668918	27.66886716	4.75E-16	9.645024146
NXT2	NM_001242617	54.98609113	0.256121819	1.14E-07	214.6872586
FAM228B	NR_111929	76.69875203	7.589395977	2.49E-05	10.10604167
DOCK3	NM_004947	38.56795136	2.352680978	0.004054886	16.39319216
HAUS4	NM_001166270	133.4334458	3.841072271	7.41E-13	34.73859288
TRAPPC8	NM_014939	36.38219793	2.336707015	0.003693428	15.56985865
ZNF746	NM_152557	77.57305339	6.927305594	1.49E-05	11.19815668
RNF219	NM_024546	59.84346156	1.663052366	1.34E-05	35.98411138
WDR53	NM_182627	75.82445064	7.298125479	9.87E-06	10.38957892
EXOC5	NM_006544	90.8824255	1.608797723	1.06E-08	56.49089642
C2CD2	NM_015500	84.22773945	4.901510834	1.36E-06	17.18403617
UHRF1BP1L	NM_015054	111.2836343	0.536626446	1.09E-12	207.376351

EXOC4	NM_021807	112.5950864	1.09035585	4.89E-11	103.2645318
PTGFRN	NM_020440	62.51507855	3.853949946	1.55E-05	16.2210406
GJA3	NM_021954	48.33140508	2.110836496	0.000147399	22.8968019
RNF31	NM_017999	90.00812411	11.2888621	9.60E-06	7.973179523
ZNF776	NM_173632	73.15283366	7.356448858	1.45E-05	9.944041625
HTR7P1	NR_002774	133.8705966	11.75270904	8.77E-10	11.39061608
UBOX5	NM_199415	65.18669554	3.882694448	4.07E-05	16.78903566
TAPT1-AS1	NR_027697	102.394482	3.484215602	5.69E-09	29.38810156
FANCC	NM_001243744	65.62384623	3.109481243	9.80E-06	21.10443547
ZNF473	NM_015428	65.62384623	10.46157209	0.000586209	6.272847492
SEC24B	NM_001300813	87.77365781	2.845987166	5.58E-08	30.84119944
TET1	NM_030625	69.60691528	2.368002389	4.49E-06	29.39478255
CHMP3	NR_036454	83.35343807	4.07799623	1.16E-06	20.43980263
PURA	NM_005859	66.93529829	10.02768059	0.000645905	6.67505289
ACTN4	NM_004924	137.4165149	12.07739834	1.04E-09	11.37798978
SNRNP25	NM_024571	76.26160134	10.35911876	0.000106165	7.361784634
TMA16	NM_018352	104.6289483	2.185500298	7.45E-11	47.87414046
ALS2CL	NM_001190707	98.41141291	12.99943094	5.48E-06	7.570440075
EXOC6B	NM_015189	81.60483533	2.163935957	2.94E-07	37.71129875
NENF	NR_026598	116.1410048	6.094498338	6.20E-10	19.05669644
FANK1	NM_145235	48.86598152	1.712063556	0.000305911	28.54215391
ZNF23	NM_145911	118.375471	5.674991886	6.41E-10	20.85914366
C6orf226	NM_001008739	145.8685166	27.22875542	0.001580744	5.357149615
KIAA1324L	NM_001291991	34.58488231	0.505823445	0.000871105	68.37342688
DMXL2	NM_015263	122.3585401	2.135657449	3.68E-11	57.29314882
OTUD3	NM_015207	95.3513581	4.679563363	5.97E-08	20.37612288
RINT1	NM_021930	80.2446704	3.157763404	1.70E-07	25.41186914
PSMA4	NM_001102668	86.02505507	7.05519354	2.90E-06	12.19315311
AGPAT3	NM_020132	91.75672686	7.240806515	1.59E-06	12.67216942
CIAO1	NM_004804	53.23748838	7.310777918	0.000857802	7.282055204
BPHL	NR_026650	45.22263741	6.108918473	0.0025107	7.402724002
TULP3	NM_001160408	51.87732345	5.095289332	0.000832614	10.18142839
RSRC2	NR_036434	136.5422136	6.786595439	2.51E-11	20.11939784
IFIH1	NM_022168	41.23956835	1.730651169	0.001599214	23.82893161
REEP5	NM_005669	83.79058876	5.577060135	1.19E-06	15.02415013
ARAP2	NM_015230	84.66489013	0.714041483	4.12E-09	118.5713885
SND1	NM_014390	150.2887363	4.775449283	2.17E-12	31.47111977
MYLIP	NM_013262	195.9485244	3.377542603	1.01E-20	58.01511555
IMMT	NM_001100169	47.45710371	5.915016218	0.001526315	8.023156989
STXBP4	NM_178509	65.18669554	0.15201737	7.74E-08	428.810837
NCOA5	NM_020967	145.8685166	6.965642264	6.55E-12	20.94114385
COQ4	NM_016035	79.8075197	16.38353196	0.000304188	4.871203591
MARK4	NM_001199867	53.18877551	9.184881322	0.001847899	5.790905037
LPAR1	NM_001401	58.5320095	2.426265428	5.65E-05	24.12432244
ZNF770	NM_014106	152.4744898	4.086988258	4.93E-15	37.30729824
ETS1	NM_005238	62.07792787	1.427906948	8.08E-06	43.4747712
MGC72080	NR_002822	70.04406598	10.64522904	0.000229071	6.579855227
SNHG15	NR_003697	127.2646234	25.54748339	4.01E-06	4.981493537
DNAJC9	NM_015190	145.8685166	6.992516271	1.09E-12	20.86066174
CEP192	NM_032142	194.1512089	3.38101358	6.02E-18	57.423966
TEX30	NM_001286775	85.1507537	11.4216492	1.79E-05	7.45520653
TSNAX	NM_005999	81.60483533	5.671419931	1.06E-06	14.38878382
GNPAT	NM_014236	113.0322371	4.719350293	8.52E-10	23.95080468
MRPS22	NM_020191	71.40423091	10.11300571	0.000147155	7.060633895
HIST2H2BA	NR_027337	31.03896394	1.626625567	0.004314352	19.08181242
RPN1	NM_002950	147.1799686	6.894119003	3.85E-12	21.34862607
ZNF483	NM_001007169	47.01995303	5.464332988	0.002643456	8.60488428
PURB	NM_033224	99.28571429	6.110517307	1.61E-08	16.24833206
NHLH1	NM_005598	39.9281163	3.569760852	0.002706332	11.18509557
DPH7	NM_138778	90.05683702	10.96980601	4.16E-06	8.20951956
GLCE	NM_015554	63.00094212	2.803732653	1.55E-05	22.47038143
FAM175A	NM_139076	84.66489013	4.638051934	3.12E-07	18.25440753

EBPL	NR_103802	57.22055744	2.762156842	2.97E-05	20.71589729
ACTA2	NM_001141945	61.2036265	4.194459666	0.000141782	14.59154012
LOC100499484	NR_036526	107.737716	3.482494096	4.65E-10	30.93694146
LOC100996325	NR_103444	70.91836734	12.62558883	0.000433575	5.617034443
FAM86FP	NR_024254	64.74954487	8.671360732	0.000394084	7.467057001
MCM10	NM_018518	140.9624333	4.066161296	3.33E-12	34.66720158
SAFB2	NM_014649	73.15283366	12.17914698	0.000139776	6.006400428
ANKRD13A	NM_033121	133.4334458	5.940991864	1.57E-11	22.45979273
ERCC3	NM_000122	82.91628738	4.573512877	8.93E-07	18.12967179
SLC41A1	NM_173854	65.62384623	10.46172124	0.000594134	6.272758061
ZDHHC3	NM_001135179	71.8413816	7.108287781	6.87E-05	10.10670696
ZNF273	NM_021148	36.38219793	2.127374898	0.002611201	17.10192122
VIMP	NM_018445	57.65770813	9.050621418	0.001250153	6.370580037
DCAF13	NM_015420	88.69667206	3.482420401	1.39E-07	25.46983472
AGBL3	NM_178563	95.73979591	1.309722026	5.90E-09	73.0993249
STX7	NM_003569	43.47403467	0.925419548	8.03E-05	46.97764896
ZFP91-CNTF	NR_024091	80.68182108	0.417756442	3.23E-10	193.1312433
MALSU1	NM_138446	90.4452748	8.045600612	1.25E-06	11.24158148
ORC2	NR_033915	97.53711154	4.524500366	5.35E-08	21.55754308
UBA6	NM_018227	58.96916018	1.187575891	1.76E-06	49.65506678
LPAR2	NM_004720	46.14565165	2.283866601	0.000246078	20.2050556
BMI1	NM_005180	80.68182108	6.735674414	3.07E-06	11.978284
ATR	NM_001184	92.67974111	2.71040323	3.26E-08	34.19407861
GRAMD1B	NM_020716	42.11386972	3.613627258	0.001162427	11.65418199
DNAJC2	NM_001129887	112.1579357	4.792263721	1.37E-09	23.40395734
MTF1	NM_005955	70.52992954	4.465507169	1.26E-05	15.79438278
SNAI3-AS1	NR_024402	130.3246782	17.07149628	5.38E-08	7.63405129
OGFRL1	NM_024576	102.394482	4.635502941	1.06E-08	22.08918498
CCDC84	NR_104051	73.15283366	16.28219132	0.000985699	4.492812559
AMZ2P1	NR_026903	126.390322	13.63981027	2.07E-08	9.266281529
RBM28	NM_001166135	61.2036265	4.022365574	0.000112667	15.21582894
PPP4R4	NM_020958	74.46428571	2.684348494	8.19E-07	27.7401708
ANKRD40	NM_052855	300.0916091	12.93683655	4.52E-25	23.19667625
CRKL	NM_005207	95.3513581	6.859834671	5.39E-07	13.89994988
THNSL1	NM_024838	76.69875203	5.949095171	4.89E-06	12.89250715
POLA2	NM_002689	93.11689181	8.928532677	6.29E-07	10.42913715
RWDD2A	NM_033411	87.33650713	11.0588424	1.74E-05	7.897436638
SLC16A10	NM_018593	68.73261391	3.656672647	5.09E-06	18.79649084
BOLA3-AS1	NR_045634	62.95222924	6.30719087	0.000172558	9.981024918
DSP	NM_001008844	123.6699922	4.799346946	1.72E-10	25.76808754
ATPIF1	NM_178190	138.7766799	25.55114003	2.60E-06	5.431330256
WDFY1	NM_020830	74.95014928	5.6048505	8.58E-06	13.37237261
ITM2B	NM_021999	148.4914208	3.298447501	6.70E-14	45.01857942
CMC4	NM_001018024	49.64285714	3.414052206	0.000516817	14.54074342
TSPAN15	NM_012339	71.8413816	8.609606715	7.05E-05	8.344327909
BIN3	NM_018688	80.68182108	9.863761223	4.90E-05	8.179620254
DLL4	NM_019074	129.4503768	13.56192768	1.30E-08	9.545131034
EID1	NM_014335	89.57097344	18.65364516	0.000339079	4.801794644
JAK1	NM_002227	130.3246782	5.216406713	8.12E-11	24.98361139
PTRF	NM_012232	108.1748666	14.8977282	2.02E-06	7.261165272
RPL21P28	NR_026911	119.6869232	12.01923551	4.66E-08	9.957948078
PARP2	NM_001042618	125.4673077	7.916025644	9.69E-10	15.84978541
ZNF767P	NR_027788	79.37036901	6.664737769	2.85E-06	11.90900104
ST3GAL4-AS1	NR_033839	101.9573313	7.490776655	3.02E-08	13.61104942
TANGO6	NM_024562	140.5252827	4.314508038	1.70E-11	32.57040697
BRWD1	NM_001007246	80.2446704	5.165479007	8.84E-07	15.53479751
DLG1-AS1	NR_038289	79.37036901	7.182113954	4.72E-06	11.05111525
MKNK2	NM_017572	226.5016248	37.28917144	3.69E-11	6.074193019
TJAP1	NM_001146016	73.58998434	12.45451901	0.000399381	5.908697418
NINJ1	NM_004148	101.5201806	18.684976	1.48E-05	5.433251859
IFT81	NM_001143779	54.11178977	2.899760747	9.64E-05	18.66077739
PDZD8	NM_173791	173.3615622	4.693358586	6.97E-15	36.93763412

DUSP16	NM_030640	56.73469387	2.641437967	4.98E-05	21.47871522
UNC50	NM_014044	118.375471	11.92104031	3.16E-08	9.929961478
PRPF39	NM_017922	72.27853228	1.049473949	2.21E-07	68.87120194
GCC1	NM_024523	117.064019	18.89695345	2.29E-06	6.194862008
ANKRD62	NM_001277333	31.03896394	0.767961845	0.001072323	40.41732557
F2RL1	NM_005242	85.58790438	10.07192276	9.47E-06	8.49767283
TSPYL2	NM_022117	86.89935644	11.1376194	1.24E-05	7.80232771
TPRN	NM_001128228	158.2548744	36.54037851	1.03E-06	4.330958816
OPLAH	NM_017570	149.414435	29.07606135	6.17E-07	5.138743974
ALG2	NM_033087	125.0301571	2.657784877	3.87E-13	47.04299365
TMEM70	NM_017866	120.6099374	1.11545666	1.51E-14	108.1260633
BCKDHB	NM_183050	107.737716	1.210789754	4.74E-11	88.98135753
XPOT	NM_007235	76.26160134	4.787453851	3.61E-06	15.92946976
RARA	NM_001145302	97.97426223	19.91002248	6.61E-05	4.920851412
ZDHHC24	NM_207340	87.33650713	19.75769372	0.000335139	4.420379645
NOC4L	NM_024078	80.68182108	12.40217602	6.50E-05	6.505456862
LOH12CR1	NM_001300742	80.29338327	1.751466277	2.79E-07	45.84352227
STX8	NR_033656	28.8532105	1.384454749	0.004185519	20.84084764
SERTAD3	NM_203344	91.31957618	19.31412305	0.000216737	4.728124387
EXOSC10	NM_001001998	75.38729997	7.418980468	3.26E-05	10.16140968
POLR2J4	NR_003655	93.11689181	10.49803794	3.69E-06	8.869932874
EIF4G2	NM_001418	94.91420746	17.58574168	6.51E-05	5.39722516
GTSF1	NM_144594	61.64077717	4.494794074	4.16E-05	13.71381562
UBXN2B	NM_001077619	76.69875203	0.832291765	4.51E-08	92.15368362
GMCL1	NM_178439	38.61666424	3.368113333	0.001894553	11.46536961
TAF2	NM_003184	64.31239418	2.176321729	7.36E-06	29.550959
IREB2	NM_004136	73.15283366	2.670071169	9.24E-07	27.39733476
MRPS30	NM_016640	68.29546324	5.394099598	1.68E-05	12.66114242
C16orf70	NM_025187	57.65770813	7.074076394	0.000978905	8.150563397
RALGAPA2	NM_020343	48.76855577	0.462682194	3.46E-05	105.4040038
MRPS17	NM_015969	56.29754319	10.65698947	0.002544497	5.282687326
PIM1	NM_001243186	126.3416091	16.50284275	1.11E-07	7.655748228
STAU1	NM_017452	116.1410048	6.164309533	1.23E-09	18.84087814
PPIC	NM_000943	61.2036265	4.852654088	6.58E-05	12.61240249
COIL	NM_004645	141.4482969	5.698258573	4.56E-12	24.82307448
PLXNA3	NM_017514	116.1410048	12.84329579	6.95E-08	9.042928441
GAA	NM_001079804	196.8228258	20.94101926	1.26E-12	9.398913364
SETD8	NM_020382	57.22055744	11.05658625	0.002897145	5.175246332
RPL37	NM_000997	156.5062718	17.50779337	4.96E-10	8.93923457
TRIM33	NM_015906	115.7038541	3.337999386	2.48E-10	34.66263493
OPN3	NM_014322	105.9404003	1.93412048	2.48E-10	54.77445767
CCSAP	NM_145257	88.64795919	9.787647188	6.51E-06	9.057126547
PPP1R2	NM_001291504	97.97426223	4.736233646	2.98E-08	20.68611254
DPY19L3	NM_001172774	54.54894044	0.452744674	2.62E-06	120.4849965
FGFR3	NM_001163213	187.4965228	23.56080205	7.65E-11	7.957985572
ZNF213	NM_001134655	108.6120173	12.00525272	4.71E-07	9.047041312
ABHD3	NM_138340	190.1681398	5.542948397	6.91E-17	34.3081202
C8orf44-SGK3	NM_001204173	53.67463907	4.514542857	0.000552732	11.88927446
IGF2R	NM_000876	52.75162482	1.890046217	0.000176913	27.9102301
TMEM216	NM_016499	118.375471	9.985746445	3.14E-08	11.8544439
RRP36	NM_033112	157.8177238	11.94875442	8.46E-12	13.20788078
TAX1BP1	NM_006024	79.8075197	2.241306396	2.87E-07	35.60759022
THUMPD3	NM_015453	122.7956908	4.289812045	4.16E-11	28.62495828
NUP85	NM_024844	139.6509813	13.43768215	1.51E-09	10.39249029
METAP1	NM_015143	112.1579357	4.446065843	2.95E-09	25.2263326
C6orf120	NM_001029863	112.1579357	10.51902294	1.31E-07	10.66239101
KIAA0232	NM_014743	148.05427	3.864542023	1.40E-12	38.3109484
CSR2	NM_001300965	94.42834386	3.711843249	2.22E-08	25.43974449
CALR3	NM_145046	42.16258261	3.389160394	0.000671926	12.44042114
NAT10	NM_001144030	93.11689181	5.772966071	9.86E-08	16.12981796
MRPL48	NM_016055	132.5591446	3.359387163	3.63E-12	39.45932343
MRS2	NM_020662	82.04198601	3.077629856	4.58E-08	26.65752213

NGRN	NR_028052	129.4503768	13.18617394	1.76E-08	9.817129468
TATDN1	NR_027427	125.0301571	6.90811375	1.03E-09	18.09902987
ENTPD5	NM_001249	123.2328415	4.393249053	1.90E-10	28.05050203
GADD45GIP1	NM_052850	192.8397567	26.80791332	3.32E-10	7.193389296
LMNB2	NM_032737	173.3128494	17.58618805	4.03E-11	9.855054935
TASP1	NM_017714	104.1917976	0.795168885	1.19E-10	131.0310294
AGO1	NM_012199	111.7207851	6.069559813	2.49E-09	18.40673599
TTC38	NM_017931	100.2087285	14.08611245	3.40E-06	7.114008845
TRMT11	NM_001031712	86.02505507	1.946571841	3.95E-08	44.19310568
MRPS31	NM_005830	90.8824255	0.510305942	1.22E-11	178.0939982
DNAJC14	NM_032364	62.51507855	13.45309048	0.002053759	4.646893488
OSBPL11	NM_022776	88.69667206	3.041228685	4.23E-08	29.16474927
GCLM	NM_002061	91.31957618	2.389351915	2.84E-09	38.21939147
RPF2	NM_032194	40.36526697	3.825713547	0.001912791	10.55104269
RPL7L1	NM_198486	113.0322371	9.116731505	1.56E-08	12.39832905
PPM1G	NM_177983	91.75672686	7.280260407	8.47E-07	12.60349517
USP5	NM_003481	64.31239418	15.71438214	0.003879438	4.092581791
CDCA7	NM_031942	133.8705966	8.699925413	1.68E-10	15.38755682
TMED9	NM_017510	101.9573313	14.61639676	5.75E-06	6.975544858
PHOSPHO2-KLHL23	NM_001199290	164.4724099	6.411884146	2.58E-13	25.65118242
MAP4K3	NM_001270425	59.89217444	1.870881135	2.98E-05	32.01281648
USP48	NM_001032730	72.71568297	4.364505915	1.30E-05	16.66069067
CENPV	NM_181716	118.8126218	12.05571619	2.10E-08	9.855293528
E2F5	NM_001083588	80.2446704	3.077278055	1.74E-07	26.07650949
HMGN2	NM_005517	146.742818	25.16203349	1.92E-07	5.831914105
LEPROT	NM_001198681	58.09485881	4.399154402	0.000132887	13.20591493
RASA2	NM_006506	129.0132262	2.200628831	7.43E-12	58.62561844
CKAP2	NM_001098525	93.99119317	6.119133566	2.88E-07	15.36021271
KIF13B	NM_015254	44.78548671	2.449501555	0.000654465	18.28351022
GEMIN5	NM_001252156	57.22055744	1.646977769	2.94E-05	34.74276248
RB1CC1	NM_001083617	43.03688397	1.661996844	0.000997616	25.89468453
SLC25A16	NM_152707	64.31239418	4.010765465	3.86E-05	16.03494264
GPC1	NM_002081	90.8824255	18.40225544	0.000164509	4.938656883
MED17	NM_004268	97.53711154	2.646668609	1.44E-09	36.85278589
ALDH1B1	NM_000692	54.54894044	7.535850736	0.002152343	7.238590884
SHPRH	NM_173082	51.87732345	0.34829677	4.12E-06	148.9457493
EEF1A1	NM_001402	1603.338392	225.2716214	5.08E-87	7.117356291
RAET1K	NR_024045	62.51507855	14.98335637	0.004720825	4.172301386
EFHD2	NM_024329	135.6679122	13.24781285	3.08E-09	10.24077814
MOB3A	NM_130807	68.29546324	15.6864672	0.002754166	4.353782301
FAM53A	NM_001174070	72.27853228	7.96085858	6.51E-05	9.07923832
L3MBTL1	NM_032107	72.71568297	7.763435102	5.93E-05	9.366431484
LOC553103	NR_110997	73.15283366	4.839345972	7.66E-06	15.11626449
CLK1	NM_001162407	208.3348823	6.516704063	1.14E-19	31.9693637
GTF2A2	NM_004492	93.99119317	2.507303889	1.04E-09	37.48695704
EME1	NM_001166131	136.1050629	22.72733348	4.24E-07	5.988606757
CCNK	NM_001099402	87.33650713	5.899917904	2.66E-07	14.8030038
SLC9A3R1	NM_004252	189.2938384	24.43487314	1.20E-10	7.746872158
HERC5	NM_016323	43.91118534	3.247091078	0.001007346	13.52323796
AGPS	NM_003659	100.2087285	2.913013265	5.72E-09	34.40036808
SEC14L2	NM_001291932	93.99119317	15.09321216	3.34E-05	6.227381699
TERF2	NM_005652	147.6171194	8.435952814	3.16E-11	17.49857102
NFE2L3	NM_004289	70.91836734	13.66117838	0.000700769	5.191233534
MIATNB	NR_110543	42.16258261	3.181424985	0.001153708	13.25273511
ZNF766	NM_001010851	51.44017277	2.981109048	9.86E-05	17.25538112
CTTN	NM_005231	118.8126218	11.81138385	2.00E-08	10.05916184
LSM1	NR_045493	69.1697646	5.38607093	9.95E-06	12.84234194
NKRF	NM_001173487	35.45918367	3.179217585	0.004810574	11.15343091
PCTP	NM_021213	95.78850885	2.135959239	7.19E-10	44.84566329
PLA2G16	NM_007069	51.00302207	5.019130207	0.000786631	10.16172523
SPATA20	NM_001258372	109.9721823	24.99436185	8.42E-05	4.399879579
USF1	NM_007122	91.31957618	16.53291497	6.37E-05	5.52350123

LMAN1	NM_005570	66.06099693	4.590295708	3.41E-05	14.3914469
PPP1R37	NM_019121	75.38729997	13.08127807	0.000454962	5.762991931
EDEM1	NM_014674	50.5658714	6.682270176	0.00274352	7.56716955
RERE	NM_012102	129.0132262	4.817319546	2.13E-10	26.78112277
SHANK3	NM_033517	53.18877551	9.265274572	0.001865707	5.740658315
WDR90	NM_145294	108.6120173	13.11248224	4.86E-07	8.283101194
XRN2	NM_012255	113.4693878	1.797145688	8.48E-11	63.13866958
MESDC1	NM_022566	104.1917976	21.12456353	0.000120545	4.932258005
MAPK3	NM_001040056	58.5320095	11.21378595	0.004501622	5.219647475
DTYMK	NR_033255	82.91628738	20.22977335	0.001193058	4.098725476
TTC9C	NM_173810	54.54894044	4.859224288	0.000194762	11.2258536
FNIP1	NM_133372	63.87524348	2.58470278	1.65E-05	24.71280024
DEPDC1B	NM_018369	61.2036265	1.660290122	2.34E-05	36.86321186
AVEN	NM_020371	102.394482	0.387809294	1.70E-11	264.0330787
PRKCQ-AS1	NR_036502	50.5658714	2.361709424	5.31E-05	21.41070823
LOC100270746	NR_026776	62.95222924	2.204880744	7.53E-05	28.551308
DEPDC1-AS1	NR_110671	82.91628738	3.320567473	1.11E-07	24.97051726
UROS	NM_000375	125.4673077	10.98672615	5.59E-09	11.41989943
MRTO4	NM_016183	72.71568297	17.52261238	0.00293278	4.149819752
LINC00936	NR_028138	126.7787599	22.49779264	3.43E-06	5.635164388
GSK3B	NM_002093	168.0183282	2.452236094	3.67E-15	68.51637514
CLCN7	NM_001114331	57.65770813	11.64236753	0.003018905	4.95240405
VPS16	NM_080413	126.7787599	6.634655732	4.17E-10	19.10856644
FAM173A	NM_023933	204.3518133	42.04340809	8.23E-08	4.860495915
MNS1	NM_018365	25.30729214	0.180389242	0.001974192	140.2926911
WDR62	NM_001083961	61.64077717	9.919611648	0.001157669	6.214031291
ANKLE2	NM_015114	109.049168	11.04613903	1.78E-07	9.872152409
LINC01185	NR_033980	90.8824255	3.599246005	9.37E-08	25.25040672
NDUFA13	NM_015965	106.8634146	8.864026351	7.87E-08	12.0558548
EDEM2	NM_018217	48.81726865	4.885153032	0.001317607	9.992986573
PERP	NM_022121	126.3416091	3.337953264	4.84E-12	37.8500234
TMF1	NM_007114	54.98609113	2.603034322	5.82E-05	21.12384407
ZMAT5	NM_019103	54.54894044	9.651767898	0.004953312	5.651704539
TMSB15A	NM_021992	55.42324183	4.907093841	0.000569124	11.29451435
DDIT4L	NM_145244	62.95222924	8.551613888	0.00028228	7.361444291
EFR3A	NM_015137	141.4482969	1.393705074	1.01E-13	101.4908388
OAZ2	NM_001301302	95.30264523	10.4465088	1.61E-06	9.122918199
NR4A3	NM_173199	54.98609113	5.74274768	0.000260475	9.574874989
DDX6	NM_001257191	118.8126218	3.341273591	1.92E-11	35.55908205
EFNA4	NM_182690	109.4863187	7.061224594	1.70E-08	15.50528768
TFAP2E	NM_178548	70.04406598	12.72019208	0.000618262	5.506525807
SOX4	NM_003107	80.68182108	18.69854115	0.00109792	4.314872503
KLHL12	NM_021633	163.5981085	3.802888131	6.64E-15	43.01943755
DUSP5	NM_004419	93.99119317	12.70162617	6.23E-06	7.399933827
ELF3	NM_001114309	121.0470881	23.97349531	8.14E-06	5.04920482
FBXO45	NM_001105573	100.6458792	3.647097833	5.26E-09	27.59615558
TSC2D2	NM_014779	84.22773945	5.135301726	1.20E-06	16.40171191
TRAF7	NM_032271	108.6120173	23.46004939	5.62E-05	4.629658512
EPC2	NM_015630	108.6120173	1.559792684	5.10E-10	69.63234179
AMACR	NM_014324	98.46012576	2.651953123	6.87E-10	37.12740052
UGGT2	NM_020121	85.58790438	1.802179574	1.26E-07	47.49132973
BRPF1	NM_004634	66.06099693	13.46775391	0.001590777	4.905123554
CENPH	NM_022909	117.5011696	4.132397473	1.09E-10	28.43414033
LOC100287944	NR_040246	79.8075197	2.871675269	4.96E-07	27.7912759
CBX2	NM_032647	135.6679122	29.55265404	6.24E-06	4.590718386
CNBP	NM_001127193	130.373391	14.94509054	1.89E-08	8.72349289
EID2B	NM_152361	105.066099	18.17502502	3.58E-05	5.780795287
CDCA4	NM_017955	151.1630377	18.24562359	3.51E-09	8.284892918
POLR3G	NM_006467	84.22773945	1.315659807	2.61E-08	64.01939087
PLEKHG1	NM_001029884	42.59973328	2.802053826	0.001222971	15.20303889
MDP1	NM_001199822	97.97426223	21.10058132	0.000417081	4.643202041
PDLIM7	NM_213636	142.3225982	31.86575675	3.31E-06	4.466317851

RNF214	NM_001077239	49.20570646	3.57610814	0.000303836	13.75956893
RAD21	NM_006265	97.97426223	3.936221949	2.30E-08	24.89043136
PRKCH	NM_006255	72.71568297	3.272233875	2.99E-06	22.22203111
TMOD3	NM_014547	140.0881319	3.599378038	6.69E-13	38.92009409
CNNM2	NM_199077	139.6509813	13.13429743	9.06E-10	10.63254293
GHITM	NM_014394	50.12872071	4.778433923	0.00048469	10.49061712
PRUNE	NM_021222	35.94504724	3.385614193	0.003018954	10.61699449
ABCD1	NM_000033	55.42324183	9.547418308	0.004416615	5.805050123
ACVR2A	NM_001278579	70.04406598	1.121192835	1.01E-07	62.47280913
ARPC4	NM_005718	121.4842387	8.72416201	2.32E-09	13.92503241
LINC01106	NR_027244	69.60691528	9.779306621	0.000200898	7.117776135
SIL1	NM_001037633	129.0132262	5.306961268	1.90E-10	24.31018801
ARHGAP1	NM_004308	72.27853228	7.362549577	4.89E-05	9.817052032
RRAS2	NM_001177315	56.29754319	2.036830435	4.37E-05	27.63977905
RBM17	NM_032905	140.9624333	6.329650614	1.87E-11	22.27017602
MYH9	NM_002473	140.5252827	12.35486155	6.60E-10	11.37408802
SH3PXD2B	NM_001017995	56.29754319	7.10146905	0.001143961	7.92759115
GPAM	NM_020918	107.737716	0.249937341	7.15E-16	431.0589035
CCZ1B	NM_198097	91.31957618	5.288848433	1.15E-07	17.26643849
PLAA	NM_001031689	41.67671904	1.329468425	0.000677782	31.34840831
SOX18	NM_018419	99.28571429	21.4425258	0.000183753	4.630318051
RNASEH2B-AS1	NR_046552	43.91118534	5.42851281	0.004125773	8.088989908
FTSJ3	NM_017647	202.6032105	38.20626385	2.28E-09	5.302879425
MDN1	NM_014611	62.07792787	3.273483624	1.77E-05	18.96387305
TTL	NM_153712	60.28061224	4.014917213	0.000134449	15.0141607
FKBP1B	NM_004116	62.95222924	8.302765391	0.000226176	7.582079737
VTA1	NM_001286371	40.36526697	3.706039221	0.002043391	10.89175385
SLC34A2	NM_001177999	34.58488231	2.143177915	0.004508696	16.13719611
MTIF2	NM_001005369	43.03688397	3.148980737	0.000882604	13.66692513
UTP15	NM_032175	60.76647581	1.838828601	4.78E-06	33.04629685
TACO1	NM_016360	200.8058948	17.31540683	1.23E-13	11.59694928
RAB3B	NM_002867	65.18669554	4.236308405	4.90E-05	15.38761802
USP36	NM_025090	85.1507537	13.04532113	5.72E-05	6.527302231
RIMS3	NM_014747	51.44017277	8.721686213	0.003024294	5.897961875
PLK1	NM_005030	69.1697646	12.29755184	0.000791696	5.624677617
NCAPG	NM_022346	48.33140508	2.743802277	0.000232741	17.61475507
MYSM1	NM_001085487	129.0132262	2.117808254	9.24E-13	60.91827526
ERN1	NM_001433	92.67974111	9.647021316	1.57E-06	9.607083687
CERS6	NM_001256126	89.57097344	2.270487846	7.95E-08	39.45010039
PRMT7	NM_001290018	111.7207851	5.857653492	2.70E-09	19.0726176
SSBP3	NM_145716	70.04406598	6.684482304	1.87E-05	10.47860744
SNRNP27	NM_006857	94.42834386	6.877462548	1.33E-07	13.73011386
ARVCF	NM_001670	73.58998434	15.99793088	0.001188746	4.599968889
ZNF131	NR_123720	87.33650713	1.628458153	1.62E-08	53.63141016
RNF25	NM_022453	74.51299858	9.818618783	5.35E-05	7.588949142
OSMR-AS1	NR_109951	54.11178977	1.868858541	9.74E-05	28.95445995
SLC20A1	NM_005415	218.9726375	11.64168639	1.41E-17	18.80935718
POMGNT2	NM_032806	104.6289483	4.972827066	3.98E-09	21.04013409
PSMD3	NM_002809	78.49606764	14.94990469	0.000580379	5.250606561
RPL32	NM_001007073	123.2328415	20.81602782	1.46E-06	5.920094003
TGFBRAP1	NM_004257	52.31447414	1.09662286	1.14E-05	47.70507352
TRIM37	NM_001005207	101.9573313	3.663025786	3.15E-09	27.83418333
YWHAQ	NM_006826	157.3805731	7.187362327	1.36E-12	21.89684699
C4orf36	NM_144645	84.66489013	2.244144664	5.13E-09	37.72701979
VPS4B	NM_004869	97.53711154	4.025992864	2.89E-08	24.2268466
HEMK1	NM_016173	72.27853228	16.7440131	0.001561903	4.316679153
QRICH1	NM_198880	95.78850885	7.61948898	4.33E-07	12.57151354
SNAPC5	NM_006049	62.07792787	14.28278038	0.00474227	4.346347574
LINC00630	NR_038988	30.16466256	0.934515388	0.001869095	32.27840114
ZZZ3	NM_015534	51.44017277	2.702833958	0.000184584	19.03193965
SERAC1	NR_073096	73.58998434	3.24304962	9.44E-07	22.69159987
COPS2	NM_004236	53.23748838	1.996671356	4.50E-05	26.6631202

IDE	NM_004969	139.6509813	3.239007983	9.42E-13	43.11535569
TRAM2	NM_012288	112.1579357	9.908203991	1.38E-07	11.31970393
MTOR	NM_004958	91.75672686	3.809681838	4.07E-08	24.08514169
MRPS6	NM_032476	105.5032497	4.329216544	1.01E-08	24.37005601
TRIM72	NM_001008274	66.49814761	13.94438287	0.001400297	4.768812518
LOC728323	NR_024437	56.29754319	1.098396912	2.90E-06	51.2542803
TAT	NM_000353	23.50997651	0.230885641	0.001751135	101.8251999
EMB	NM_198449	58.09485881	0.948476781	1.52E-06	61.2506916
FAM43A	NM_153690	150.2887363	11.43570919	3.30E-11	13.1420565
COMMD3	NM_012071	108.6120173	4.332173473	7.02E-10	25.0710222
GID8	NM_017896	98.8485636	9.210206334	2.33E-07	10.73250262
ARHGAP10	NM_024605	54.98609113	1.767311367	0.000110043	31.11284867
ATAD1	NM_032810	53.67463907	3.151468353	8.90E-05	17.03162877
SORBS3	NM_001018003	112.5950864	20.11793447	7.26E-06	5.59675182
IL17RB	NM_018725	91.31957618	8.601931121	2.95E-06	10.61617152
SS18L1	NM_198935	74.02713503	10.80369158	0.000138272	6.852022247
DNAJC5	NM_025219	48.76855577	7.500696763	0.004931357	6.501870067
CRYBA1	NM_005208	48.33140508	6.675636037	0.002653447	7.239970067
SEMA3G	NM_020163	109.4863187	16.88697873	4.34E-06	6.483475847
TSPAN5	NM_005723	53.67463907	4.308953452	0.000549494	12.45653722
R3HDM4	NM_138774	137.8536657	17.22673342	2.69E-08	8.002310265
ID2	NM_002166	153.3975041	20.97317197	2.17E-08	7.313986855
PARP4	NM_006437	97.53711154	2.81181218	7.58E-09	34.6883452
ANGEL1	NM_015305	90.00812411	3.690524015	6.61E-08	24.38898209
KIF15	NM_020242	66.06099693	2.847065898	7.84E-06	23.20318506
TAF7	NM_005642	121.9213894	7.96342609	2.98E-09	15.31016777
DMWD	NM_004943	125.4673077	24.2393652	4.56E-06	5.176179603
POM121C	NM_001099415	82.91628738	7.705726102	7.67E-06	10.76034708
ZNF326	NM_182975	136.5422136	1.257156578	1.38E-16	108.6119391
NRBF2	NM_001282405	62.07792787	4.188583683	4.69E-05	14.82074433
MIPEP	NM_005932	97.09996085	1.006691718	3.56E-10	96.45451443
EED	NM_152991	110.4093329	4.008123785	1.11E-09	27.546388
TMEM185B	NM_024121	82.91628738	13.8403212	8.85E-05	5.99092219
C19orf68	NM_199341	101.5201806	14.45231377	2.03E-06	7.024493255
SLC35E1	NM_024881	130.7618289	7.875025603	1.22E-10	16.60462271
TMEM170A	NM_145254	140.5252827	6.825532834	7.22E-12	20.58817767
SLCO4A1	NM_016354	133.4334458	20.55026552	2.63E-07	6.493027825
CFAP43	NM_025145	149.8515857	5.262917492	1.94E-12	28.47310183
ASXL2	NM_018263	104.1917976	3.505531544	3.25E-09	29.72211098
C12orf10	NM_021640	73.58998434	13.52287998	0.000580953	5.441886967
PCDHGA10	NM_032090	47.8942544	5.329864374	0.00197955	8.986017475
ZBTB2	NM_020861	104.1917976	10.05951571	4.37E-07	10.35753615
PIAS2	NM_173206	105.066099	0.786960253	1.24E-11	133.5087745
DCUN1D5	NM_032299	105.9404003	2.591162264	3.41E-10	40.88528218
EPS8	NM_004447	75.82445064	3.077890977	8.21E-07	24.63519703
YARS	NM_003680	145.8685166	6.430305365	1.11E-11	22.68453959
FAM214A	NR_104457	52.31447414	0.91956185	1.33E-05	56.890653
GATA2-AS1	NR_125398	118.375471	17.53573661	1.04E-06	6.750527432
KMT2E	NM_182931	136.9793643	4.981453682	1.96E-11	27.4978697
FBXO30	NM_032145	94.86549455	3.404611787	1.24E-08	27.86382133
CRTC1	NM_015321	56.29754319	11.03159198	0.003358886	5.103301798
FBXO11	NM_001190274	81.55612244	3.143511014	1.97E-07	25.94427762
NOL6	NM_022917	91.75672686	13.82357348	3.45E-05	6.637699505
ADPRHL2	NM_017825	139.2138305	19.07816287	6.43E-08	7.297024953
DDX60	NM_017631	65.62384623	2.957462428	8.26E-06	22.18924089
RIPK2	NM_003821	106.4262639	2.948482345	2.82E-10	36.09526916
SH3BP1	NM_018957	98.41141291	16.09311871	1.56E-05	6.115123778
NFRKB	NM_001143835	86.89935644	5.343089067	4.81E-07	16.26387944
TUBGCP6	NM_020461	112.5950864	11.72219727	3.44E-07	9.60528848
C16orf74	NM_206967	115.2667034	11.22277126	6.45E-08	10.27078791
KEAP1	NM_203500	139.6509813	16.80656907	1.57E-08	8.309309336
NECAP1	NR_024260	77.13590271	4.158432474	1.10E-06	18.54927384

COX8A	NM_004074	136.1050629	24.01551132	1.38E-06	5.66738143
MED11	NM_001001683	179.5303847	17.83613153	3.00E-11	10.06554501
SNRPF	NM_003095	105.066099	5.3385753	7.74E-09	19.68055016
TOB1-AS1	NR_038458	97.53711154	22.88792921	0.000631971	4.261508792
CRYM-AS1	NR_026675	34.58488231	1.248670383	0.002907458	27.69736735
CLCN3	NM_001829	72.27853228	3.481761663	2.51E-06	20.75918437
ENPP5	NM_001290072	107.737716	3.259254877	9.11E-11	33.05593458
PHYH	NM_001037537	54.11178977	3.820376695	0.000298597	14.16399326
SDCCAG8	NM_006642	62.51507855	1.264879284	1.59E-06	49.42375082
STX18-AS1	NR_037888	129.0132262	4.668370378	1.56E-10	27.63560208
ZSCAN21	NM_145914	78.49606764	7.802147351	1.11E-05	10.06082866
ZNF41	NM_153380	63.38937993	2.664063976	8.58E-06	23.79424087
CPNE7	NM_014427	123.2328415	24.40418081	5.05E-06	5.049661056
HRSP12	NM_005836	122.7956908	4.192215664	9.60E-12	29.29135824
OGFRP1	NR_036498	58.5320095	12.5466594	0.00412773	4.665146922
RPS4X	NM_001007	69.60691528	12.04177484	0.001033778	5.780453147
NAMPT	NM_005746	48.76855577	3.136354784	0.000256722	15.54943848
PPP1R13B	NM_015316	109.9234694	4.184469833	7.47E-09	26.26938986
ZNF264	NM_003417	110.8464837	3.445052987	7.30E-10	32.17555263
ZBTB17	NM_001287603	106.377551	12.33871833	1.23E-06	8.621442533
HSPA4L	NM_014278	84.71360301	4.376443154	5.95E-07	19.35672418
MOSPD1	NM_019556	49.64285714	2.871570921	0.000211319	17.28770018
COL6A1	NM_001848	138.2908163	15.04519561	9.22E-09	9.191692807
C10orf54	NM_022153	83.79058876	10.25301938	2.29E-05	8.172284247
HIC2	NM_015094	95.73979591	9.784064335	1.53E-06	9.785278657
NCOR2	NM_006312	81.11897176	10.67669874	6.03E-05	7.597757857
LARP1B	NM_178043	87.33650713	3.511454409	4.39E-08	24.87188981
MKKS	NR_072977	115.2667034	4.769936423	6.05E-10	24.16524942
ZNF445	NM_181489	90.8824255	6.992624954	1.01E-06	12.99689689
TTC37	NM_014639	59.40631088	2.500863888	2.62E-05	23.75431592
LRR1	NM_203467	103.3174962	9.601954258	2.48E-07	10.76004878
SEC62	NM_003262	83.35343807	2.601202967	5.65E-08	32.04418845
TP53RK	NM_033550	61.2036265	4.961558457	8.97E-05	12.33556493
PTK2	NM_001199649	165.7838619	5.017166948	1.23E-13	33.04332178
IAH1	NM_001039613	62.07792787	7.090793573	0.000204742	8.754722194
FRS3	NM_006653	67.37244898	9.30924303	0.000199192	7.23715653
KTI12	NM_138417	98.41141291	15.05115418	4.92E-05	6.53846288
SRD5A1	NM_001047	81.11897176	3.430115338	1.90E-07	23.64905077
ZNF275	NM_001080485	66.93529829	2.208120329	1.53E-06	30.31324762
SDHAP2	NR_003265	80.73053395	14.62902561	0.000151866	5.518517508
TDP2	NM_016614	114.8295527	3.037923243	4.84E-11	37.79870113
RILPL2	NM_145058	55.86039251	8.421330244	0.000872538	6.633202937
KDM4B	NM_015015	175.9844663	11.66642197	6.22E-13	15.08469921
AKTIP	NM_022476	77.57305339	2.776309769	3.11E-07	27.9410656
CD40	NM_001250	69.1697646	6.842754161	4.89E-05	10.10846846
SMURF2	NM_022739	261.9608085	6.383914595	3.69E-22	41.03451019
KTN1-AS1	NR_027123	55.86039251	9.541195266	0.002692798	5.854653526
CALM1	NM_006888	189.7309891	16.72265378	1.37E-12	11.34574641
TMEM128	NM_001297551	129.8875276	4.158469626	8.86E-12	31.23445383
LARS	NM_020117	47.8942544	1.431321203	0.00023991	33.46156984
KDM1A	NM_001009999	56.78340675	4.535929492	0.000269688	12.51858232
TMEM206	NM_001198862	61.2036265	6.565488242	0.000155209	9.322022101
ADA	NM_000022	74.02713503	8.948862177	3.46E-05	8.272239931
SIAH2	NM_005067	61.64077717	5.935345913	6.01E-05	10.38537232
TSR1	NM_018128	76.69875203	13.98135994	0.000193002	5.485786243
IRAK1	NM_001025242	63.38937993	12.34892446	0.002045189	5.133190357
PHF11	NM_001040443	58.96916018	5.409928602	0.0001286	10.90017346
TTLL3	NM_001025930	90.4452748	12.22637283	1.63E-05	7.397555765
LOC100505938	NR_125740	84.66489013	2.13265146	7.04E-08	39.69935629
GCN1L1	NM_006836	133.4334458	8.158399273	2.55E-10	16.35534636
KLHL11	NM_018143	121.9213894	8.689294612	1.47E-09	14.03121828
MBLAC2	NM_203406	90.8824255	6.636335745	4.40E-07	13.69466962

MRPL54	NM_172251	135.6679122	7.790661585	6.75E-11	17.4141709
AP3B1	NM_003664	76.26160134	2.280901288	8.73E-07	33.43485391
LRRRC61	NM_023942	66.06099693	7.494950243	0.000122018	8.814067443
USP37	NM_020935	108.1748666	5.495037031	8.64E-09	19.68592132
SESTD1	NM_178123	69.60691528	2.377433239	4.78E-06	29.27817872
CASP6	NM_001226	86.46220574	3.35491779	8.28E-08	25.77178076
PAFAH1B1	NM_000430	186.6222214	6.99990326	8.52E-15	26.66068579
TIMP1	NM_003254	49.20570646	4.557923259	0.001099701	10.79564171
SGCB	NM_000232	109.4863187	1.181600069	7.85E-13	92.65937062
DAGLA	NM_006133	70.04406598	14.72575741	0.000772184	4.756567967
RPS9	NM_001013	183.076303	31.49211271	5.68E-09	5.813401746
PHC1	NM_004426	60.28061224	2.734343105	1.31E-05	22.0457382
DOHH	NM_031304	146.742818	14.54090442	1.46E-09	10.09172564
KCTD21	NM_001029859	47.8942544	7.25333507	0.004078631	6.603066581
KLF3	NM_016531	94.42834386	5.735754998	9.00E-08	16.46310623
ZNF777	NM_015694	97.97426223	6.912681811	2.52E-07	14.17311905
ESYT2	NM_020728	101.5201806	4.61919179	2.41E-08	21.97790982
PMS2P3	NR_028059	72.27853228	3.418196939	4.92E-06	21.14522176
GMFB	NM_004124	107.3005653	4.128781282	3.61E-10	25.98843531
STAT5B	NM_012448	105.9404003	3.738652909	1.25E-09	28.33651663
DPY19L4	NM_181787	149.414435	0.883221298	1.28E-15	169.1698733
PPP4R1	NM_001042388	67.37244898	2.872923184	3.64E-06	23.45083549
PRPF8	NM_006445	101.5688934	11.13511131	5.39E-07	9.121497811
RUNDC1	NM_173079	76.26160134	9.87323745	4.59E-05	7.724072446
EXOSC7	NR_023353	72.27853228	6.249817379	1.27E-05	11.56490308
ERI3	NM_024066	70.04406598	9.120753415	8.04E-05	7.679635967
SLC7A5P2	NR_002594	230.5334067	27.10277073	3.60E-13	8.505898126
USP14	NM_005151	73.15283366	1.488648893	4.72E-07	49.14042123
BRIX1	NM_018321	81.60483533	3.999250938	1.06E-07	20.40502999
ARGLU1	NM_018011	61.2036265	3.589705503	8.72E-05	17.04976257
KCNJ12	NM_021012	58.5320095	10.07629972	0.003112659	5.808879362
TRAM2-AS1	NR_103447	151.1630377	1.289442398	2.95E-19	117.2313226
SNRPD1	NM_006938	164.9095605	7.068411418	1.32E-13	23.33049829
PBX4	NR_038198	47.8942544	6.109597556	0.001555996	7.83918318
WDFY3	NM_014991	112.1579357	1.175641519	2.96E-11	95.40147558
SMIM8	NM_001042493	90.4452748	1.380938728	4.35E-10	65.49550169
PLEKHA3	NM_019091	56.78340675	2.46167724	2.22E-05	23.06695851
C5orf30	NM_033211	104.1917976	4.115333432	3.23E-09	25.31794794
ABRACL	NM_021243	58.09485881	5.257076367	0.000147138	11.05079226
HIF1AN	NM_017902	168.4554789	12.56301381	1.81E-12	13.40884293
C17orf85	NM_001114118	159.1778887	7.120966177	5.54E-13	22.3534117
PRKRIR	NM_004705	50.5658714	2.382627706	0.000103493	21.2227329
PKN2	NM_006256	97.09996085	3.483815228	1.17E-08	27.87173099
MANBA	NM_005908	83.35343807	3.816095278	2.38E-07	21.84259878
ZDHHC1	NM_013304	82.04198601	14.58677492	8.11E-05	5.624408854
LOC101928489	NR_110889	78.93321834	3.015843852	1.75E-07	26.17284654
SLC46A1	NM_080669	69.1697646	15.15748821	0.00221219	4.563405468
SEH1L	NM_001013437	93.99119317	3.523000763	5.77E-08	26.67929969
PRKCA	NM_002737	116.1897176	4.528688431	2.08E-09	25.65637256
KCNE3	NM_005472	35.45918367	2.341931276	0.003510789	15.14100095
PARD6G	NM_032510	108.6120173	4.717188587	7.00E-09	23.02473503
AP5Z1	NM_014855	65.18669554	13.560155	0.001659851	4.807223481
PGM2	NM_018290	147.1799686	1.492853487	5.03E-16	98.5896941
SLC38A6	NR_033344	54.54894044	1.250842795	7.42E-05	43.60974909
TIMMDC1	NM_016589	71.8413816	3.785991696	7.08E-06	18.97557823
TRIP4	NM_016213	90.00812411	3.203232796	2.35E-08	28.09915165
IGF2BP2	NM_001291869	88.2108085	5.411547547	5.77E-07	16.3004774
TMEM251	NM_001098621	83.79058876	16.59300005	0.000876166	5.049755229
PRRC2C	NM_015172	64.74954487	3.238775682	8.62E-06	19.99198192
USP31	NM_020718	109.4863187	1.621078136	2.82E-10	67.53919891
HSPA4	NM_002154	99.7715779	6.44984771	3.72E-08	15.46882692
C14orf132	NM_001282463	90.8824255	4.320150936	1.80E-07	21.03686349

CYSTM1	NM_032412	54.11178977	7.36191841	0.001852478	7.350229486
CSTF2	NM_001325	41.67671904	2.597765652	0.000644231	16.04329436
ADNP2	NM_014913	61.2036265	6.74059352	0.000526944	9.079857184
GINS2	NM_016095	114.392402	11.81340135	7.25E-08	9.683273985
FGD6	NM_018351	73.58998434	2.497755641	1.35E-06	29.46244345
PP7080	NR_024158	97.97426223	23.36759404	0.000619544	4.192740684
CUL1	NM_003592	130.3246782	4.57571714	6.23E-11	28.48180388
ATP6V1H	NM_015941	63.87524348	2.993511124	1.63E-05	21.33790082
FUBP1	NM_003902	74.51299858	4.241225167	4.87E-06	17.56874385
FKBP4	NM_002014	86.46220574	13.24310971	2.84E-05	6.528844631
HSBP1L1	NM_001136180	68.29546324	15.66442777	0.003785315	4.359907955
RAB3GAP2	NM_012414	65.18669554	3.37245736	9.02E-06	19.32913854
SF3B3	NM_012426	100.2087285	8.177235888	2.32E-07	12.25459677
TOB2	NM_016272	130.3246782	22.72884239	7.88E-07	5.733889828
CCNL2	NM_030937	129.4503768	17.879988	1.16E-07	7.23995882
ANKRD18DP	NR_003291	93.55404248	4.543227132	3.95E-08	20.59198006
FCHSD2	NM_014824	69.60691528	2.017196277	5.31E-06	34.50676371
LOC729732	NR_047662	39.05381491	2.115392532	0.002042643	18.46173432
SLC37A3	NM_001287498	87.33650713	4.069358141	3.57E-07	21.46198592
CAMLG	NM_001745	69.60691528	4.857668774	9.01E-06	14.32928397
SDE2	NM_152608	73.63869723	7.454808998	2.14E-05	9.878012602
ALKBH3	NM_139178	127.2646234	2.400379907	8.98E-13	53.01853387
LOC100093631	NR_003580	80.68182108	8.383427647	1.27E-05	9.623965814
UMPS	NR_033434	80.73053395	7.73028383	7.22E-06	10.44341136
NSMCE4A	NM_001167865	155.1948196	9.205776878	3.79E-12	16.85841637
CNNM3	NM_017623	130.3246782	13.24964337	5.06E-09	9.83608951
TRAF1	NM_001190945	60.76647581	8.035736065	0.000530075	7.562029828
PSMD14	NM_005805	133.8705966	3.765939891	3.17E-12	35.54772527
SNRNP48	NM_152551	117.5011696	5.27267027	2.12E-10	22.2849455
FTX	NR_028379	38.13080067	1.506878207	0.003831314	25.30450071
DDX56	NM_001257189	97.97426223	19.19628306	8.83E-05	5.103814208
IFI30	NM_006332	86.46220574	13.30153893	8.54E-05	6.500165596
TOMM7	NM_019059	66.49814761	2.980382979	5.88E-06	22.31194718
PDP1	NM_001161779	159.1291758	22.03332873	6.08E-09	7.222203133
DAPK3	NM_001348	72.27853228	15.77786216	0.001425942	4.581009235
CLN5	NM_006493	70.04406598	5.373053934	1.73E-05	13.036174
TRAK2	NM_015049	65.62384623	3.761478692	8.05E-06	17.4462895
TPR	NM_003292	85.58790438	2.442709185	6.38E-08	35.03810642
PRRG4	NM_024081	76.26160134	4.39721717	2.44E-06	17.34315099
LOC100129973	NR_102751	47.8942544	2.898219279	0.000204791	16.52540743
AATF	NM_012138	47.01995303	3.334088374	0.000633895	14.10279145
KNTC1	NM_014708	61.2036265	5.4422417	0.000169595	11.2460324
YTHDF3-AS1	NR_102684	147.1799686	24.21732297	3.85E-05	6.077466481
POLB	NM_002690	86.02505507	3.331554132	4.33E-08	25.82129891
DTX3L	NM_138287	41.72543191	3.009530964	0.002029454	13.86443018
WDR37	NM_014023	56.73469387	3.551095235	5.17E-05	15.97667484
ECHDC2	NM_001198962	58.96916018	4.749100819	0.00010668	12.41691058
RNF149	NM_173647	78.93321834	4.12143535	1.40E-06	19.1518759
GXYLT1	NM_173601	59.40631088	3.446868524	2.57E-05	17.23486419
C7orf73	NM_001130929	117.9383204	5.49587789	5.24E-10	21.45941427
PYROXD1	NM_024854	53.18877551	1.319070425	3.30E-05	40.32292325
CKAP2L	NM_152515	50.5658714	5.68073646	0.00072268	8.90128802
FANCE	NM_021922	104.6289483	7.095690012	1.58E-08	14.74542266
SHCBP1	NM_024745	143.6340504	1.245475973	1.89E-15	115.3246257
LIM2	NM_001161748	55.86039251	6.770168817	0.000431634	8.25096006
ELMSAN1	NM_001043318	130.3246782	10.99595047	2.86E-09	11.85206122
LINC00476	NR_023389	164.4724099	9.255554692	3.79E-13	17.77012997
ZNF184	NM_007149	65.62384623	5.521753709	3.09E-05	11.88460219
PEL1	NM_020651	76.26160134	3.389750854	5.00E-07	22.49770105
ANKRD34A	NM_001039888	61.64077717	11.99107139	0.001332424	5.140556266
PDIA3	NM_005313	92.24259043	5.501077927	1.15E-07	16.76809375
SAP30L	NM_001131063	66.06099693	6.652931978	0.000112528	9.929606547

C6orf106	NM_022758	86.46220574	4.838353695	8.90E-07	17.87017056
CAMSAP3	NM_001080429	84.22773945	15.83754632	0.000238016	5.318231607
VPS9D1-AS1	NR_036480	123.2815543	24.66836389	1.16E-05	4.997556988
FBXO5	NM_012177	41.72543191	5.063561332	0.00305992	8.240333073
ZNF503	NR_120651	90.00812411	6.813267621	3.10E-07	13.21071314
FAM133DP	NR_034169	150.7258871	3.628904505	4.69E-14	41.53481771
N4BP2	NM_018177	125.9044585	2.124003533	1.00E-11	59.27695342
MFAP1	NM_005926	46.58280234	6.256583403	0.002213283	7.445405798
MTM1	NM_000252	66.06099693	1.136486297	4.98E-07	58.12740295
CCT6P3	NR_033416	88.2108085	3.331507889	2.47E-08	26.47774264
NUDC	NM_006600	115.2667034	10.14633881	4.00E-08	11.36042325
SLC9A1	NM_003047	223.8787208	12.28323852	1.82E-16	18.22635948
LOC102723373	NR_119378	30.16466256	1.453884479	0.00456051	20.74763366
C3orf38	NM_173824	54.11178977	6.554063563	0.0008102	8.256219862
MSX1	NM_002448	222.0814051	34.23768662	1.56E-11	6.486460595
BUD13	NM_032725	101.0830299	4.368836561	1.09E-08	23.13728804
ME1	NM_002395	109.049168	1.072942013	3.93E-11	101.6356585
C15orf61	NM_001143936	120.6099374	11.85017822	2.14E-08	10.17790072
NHP2L1	NM_001003796	82.4791367	7.120890255	2.86E-06	11.58270016
PRPF19	NM_014502	95.3513581	9.092967563	1.43E-06	10.48627496
C5orf24	NM_001135586	257.1034381	9.869639285	6.28E-22	26.04993259
CCNF	NM_001761	150.2887363	22.37229739	1.27E-08	6.717626434
ALDH1A3	NM_001293815	100.6458792	10.14089255	9.31E-07	9.924755511
NAB1	NM_005966	80.2446704	3.889054317	1.68E-06	20.6334661
UBE2Q2P1	NR_003661	71.8413816	1.644432751	7.90E-07	43.68763731
PCYOX1	NM_016297	87.33650713	7.106072552	1.28E-06	12.29040465
SRBD1	NM_018079	50.5658714	3.116169304	0.000204071	16.22693329
OSER1	NM_016470	42.11386972	3.442001668	0.002737795	12.23528452
RSL1D1	NM_015659	86.46220574	8.707022725	8.89E-06	9.930168839
YIPF2	NM_024029	66.93529829	11.50066035	0.000827741	5.820126517
BCAM	NM_001013257	86.89935644	18.10606517	0.000309357	4.799461154
TNFRSF1A	NM_001065	87.77365781	18.40696647	0.000196984	4.768502076
KCNN4	NM_002250	59.84346156	13.50752172	0.004145127	4.430380555
FAM73B	NM_032809	62.95222924	12.31622966	0.001133886	5.111323106
PSEN2	NM_000447	75.82445064	9.368780378	6.62E-05	8.093310717
SCAF8	NM_014892	112.1579357	4.565838221	4.02E-09	24.5645882
SLC4A1AP	NM_018158	130.7618289	6.39483687	1.54E-10	20.448032
STARD4	NM_139164	59.40631088	2.361879469	5.01E-06	25.15213484
PCF11	NM_015885	60.32932513	7.891099521	0.000538192	7.645236885
GSTCD	NM_024751	98.41141291	2.279049492	8.77E-09	43.18090207
HIGD2B	NR_002780	54.54894044	2.063777188	1.18E-05	26.43160355
GPR137C	NM_001099652	80.68182108	2.632565825	3.07E-07	30.64759875
ZDHHC5	NM_015457	139.6509813	4.984824071	2.23E-12	28.01522768
SMG9	NM_019108	83.79058876	10.75848902	2.24E-05	7.788323118
KIAA1147	NM_001080392	55.42324183	5.022930089	0.000454471	11.03404603
JUP	NM_021991	145.8685166	12.77286194	4.92E-10	11.4201905
DDX60L	NM_001012967	43.91118534	4.377000754	0.004861181	10.03225446
SNX8	NM_013321	81.11897176	7.368684799	1.29E-05	11.00860927
SDHA	NM_001294332	44.34833603	5.502610697	0.002517043	8.059508199
INAFM2	NM_001301268	44.78548671	2.529694653	0.000471035	17.7039101
RPL23	NM_000978	162.2379435	35.78536297	1.06E-06	4.533639734
CCDC88A	NM_001254943	77.57305339	2.865006234	7.46E-07	27.07605047
PEX12	NM_000286	86.89935644	8.087786522	2.55E-06	10.74451659
MPLKIP	NM_138701	75.82445064	17.85689534	0.00270704	4.246228092
MYO5B	NM_001080467	57.65770813	2.587547214	6.31E-05	22.28276563
TBCE	NM_001287801	69.1697646	4.266200793	2.70E-05	16.21343391
RIC1	NM_001206557	143.1968996	3.494025965	6.69E-13	40.98335302
PIGZ	NM_025163	87.77365781	8.896753543	6.21E-06	9.865807498
BDP1	NM_018429	99.7715779	4.323715263	4.47E-08	23.07542746
GLOD4	NM_016080	71.8413816	6.606074111	4.54E-05	10.87504929
RND1	NM_014470	97.09996085	18.11940611	3.07E-05	5.358893126
UBE2V2	NM_003350	136.9793643	4.572121215	8.61E-12	29.95969656

EPB4IL5	NM_001184937	84.71360301	2.197562537	1.15E-07	38.54889295
PPIL3	NM_130906	87.77365781	5.335345703	1.32E-07	16.45135343
NOMO1	NM_014287	78.93321834	5.464566901	2.48E-06	14.44455156
WDR89	NM_080666	96.66281017	3.506346472	4.59E-09	27.5679574
EXOG	NM_001145464	111.7207851	4.298761615	1.02E-09	25.98906268
DNAJA1	NM_001539	171.1270958	11.74508105	1.98E-12	14.5701077
BLOC1S6	NM_012388	105.066099	3.619043684	1.57E-09	29.03145365
TM7SF3	NM_016551	102.394482	4.786224116	1.34E-08	21.39358281
LLPH	NM_032338	114.8295527	9.16596146	1.97E-08	12.52782408
XRCC1	NM_006297	51.00302207	7.254455123	0.002787575	7.030579307
RAPH1	NM_203365	90.4452748	2.088341752	2.16E-08	43.30961382
ACER3	NM_001300955	140.0881319	3.480748583	1.34E-12	40.24655289
MRPL16	NM_017840	105.9891132	9.322438503	1.58E-07	11.36924778
MYO1D	NM_015194	51.87732345	0.957805235	2.26E-05	54.16270612
KLHL23	NM_144711	73.58998434	4.205274378	2.76E-06	17.49944896
HYOU1	NM_006389	76.69875203	17.67917712	0.001359272	4.338366628
TFB1M	NM_016020	47.8942544	2.783917022	0.000291205	17.20390875
ARHGAP21	NM_020824	67.37244898	1.232439769	3.24E-07	54.66591606
CIR1	NM_004882	43.47403467	3.50564302	0.001019883	12.40115848
NUP133	NM_018230	79.8075197	5.13138251	2.49E-06	15.55282997
C5orf22	NM_018356	51.87732345	4.454384214	0.000613903	11.64635132
CLOCK	NM_004898	123.2328415	3.957422854	3.76E-10	31.13966993
RBM12B	NM_203390	185.3107694	12.82526612	1.39E-13	14.44888298
TNFSF9	NM_003811	159.1778887	33.90285273	5.45E-07	4.69511784
FAM207A	NM_058190	109.9721823	9.928802808	1.69E-07	11.07607679
ACSL3	NM_004457	65.18669554	3.135071516	7.81E-06	20.79272999
KPNA1	NM_002264	132.1219938	3.879532388	4.89E-11	34.05616467
AZIN2	NM_052998	69.60691528	7.414915383	0.000107976	9.387418694
HMOX1	NM_002133	72.27853228	8.89029003	0.000135195	8.130053355
APOPT1	NM_032374	43.47403467	6.261712758	0.004236656	6.942834388
MMD	NM_012329	99.33442714	0.083740808	1.55E-16	1186.212907
C2orf44	NM_025203	61.64077717	2.571721133	3.83E-06	23.96868633
WIPF2	NM_133264	85.1507537	5.525220884	7.61E-07	15.41128499
SAT1	NM_002970	56.29754319	4.396331765	0.000206507	12.80557205
FAM206A	NM_017832	59.40631088	10.27011588	0.000904885	5.784385648
ATP5H	NM_006356	156.5062718	16.05091478	3.76E-10	9.750613838
STAG1	NM_005862	90.4452748	2.924029593	4.81E-08	30.93172348
FAM118B	NM_024556	53.23748838	3.908684048	8.83E-05	13.62030999
DUSP12	NM_007240	112.6437993	0.831953753	1.92E-14	135.3967079
SCRIB	NM_015356	101.5201806	25.31123639	0.000149987	4.010874025
CDKAL1	NM_017774	58.5320095	1.484087907	6.34E-05	39.43971864
LOC101929567	NR_110257	66.06099693	7.467596811	0.000159269	8.846352929
FAM72D	NM_207418	42.16258261	3.725717937	0.003035567	11.31663302
UBTD2	NM_152277	130.7618289	4.719910514	4.74E-11	27.70430256
RANBP9	NM_005493	87.77365781	3.432029286	5.63E-08	25.57485688
MYO1E	NM_004998	78.93321834	4.569080862	3.29E-06	17.27551355
HABP4	NM_014282	87.33650713	4.797903456	2.90E-07	18.20305638
BLOC1S5-TXNDC5	NR_037616	80.68182108	3.099150379	4.60E-07	26.03352894
COPG1	NM_016128	104.6289483	6.277446099	3.46E-08	16.66743873
NCAPH2	NM_014551	94.86549455	9.755315534	1.05E-06	9.724492685
CDC42BPA	NM_014826	58.96916018	2.028805549	3.34E-05	29.06594977
PLEKHN1	NM_001160184	85.1507537	14.70683743	7.89E-05	5.789875225
UBE2O	NM_022066	146.742818	14.64898876	8.81E-10	10.01726607
FAM117B	NM_173511	38.13080067	2.685568859	0.003800599	14.19840737
TMED2	NM_006815	140.9624333	6.515920398	2.99E-12	21.63354135
LOC100506023	NR_037845	38.13080067	2.538518812	0.003930345	15.0208856
DCTD	NM_001921	102.394482	1.369652365	4.52E-11	74.75946787
LPGAT1	NM_014873	91.8054398	2.448950131	2.33E-08	37.48767222
TPI1P2	NR_002187	101.5201806	25.06561235	0.000357394	4.050177557
SLC35A5	NM_017945	40.80241766	2.920497474	0.001407368	13.97105049
MLXIP	NM_014938	87.33650713	4.385754347	4.88E-07	19.91367966
TMEM14A	NM_014051	66.98401118	4.238849127	1.74E-05	15.80240513

PLCG1	NM_002660	55.86039251	7.376772653	0.000986451	7.572470393
DDX11-AS1	NR_038927	55.42324183	5.624012276	0.000483038	9.854751218
TOLLIP	NM_019009	97.97426223	9.517396076	1.54E-06	10.29422979
EDEM3	NM_025191	105.9404003	2.529402241	6.66E-10	41.88357178
CYP2R1	NM_024514	70.04406598	4.049946684	3.72E-06	17.29505879
CFDP1	NM_006324	65.62384623	4.132109486	9.61E-06	15.88143936
DHRS7B	NM_015510	78.05891695	3.615118219	6.02E-07	21.59235528
NUDT19	NM_001105570	109.5350315	6.370204091	1.34E-08	17.19490145
IGFBP2	NM_000597	74.46428571	9.437430449	0.000124342	7.890313589
MCCC2	NM_022132	137.8536657	3.037835365	7.73E-13	45.37891265
MOSPD2	NM_152581	27.49304557	1.109342326	0.003077731	24.78319353
ACTR3B	NM_020445	148.4914208	3.113856236	1.02E-13	47.6873078
CD9	NM_001769	87.33650713	10.11037108	8.79E-06	8.638308765
FAM168B	NM_001009993	211.44365	6.257619853	5.11E-18	33.78978828
PAPD5	NM_001040284	105.066099	2.648483554	9.53E-10	39.67028559
GNAI1	NM_002069	126.3416091	4.272031142	1.67E-10	29.57413112
PSMB4	NM_002796	103.3174962	19.06978647	5.76E-05	5.417863298
GALK1	NM_000154	80.73053395	15.24044355	0.000209967	5.297124961
OTULIN	NM_138348	66.93529829	3.483512225	5.21E-06	19.2148883
MTERF2	NM_001033050	75.38729997	7.478728453	1.27E-05	10.08022961
MED10	NM_032286	51.44017277	8.001319634	0.004301174	6.428961112
PPIF	NM_005729	161.3636422	18.21173457	9.07E-10	8.860421373
RIPK4	NM_020639	91.31957618	9.183215203	4.08E-06	9.9441834
REPS2	NM_004726	28.36734694	1.169398033	0.004029097	24.2580765
NEIL3	NM_018248	115.7038541	1.449939875	1.91E-11	79.79907038
RAVER1	NM_133452	86.89935644	20.17291354	0.000876781	4.307724626
DVL3	NM_004423	91.31957618	10.98503881	3.42E-06	8.313086349
TBC1D8B	NM_198881	59.40631088	1.160665636	9.70E-06	51.18296696
5-Mar	NM_017824	88.69667206	5.010509353	3.96E-07	17.70212683
INPP5B	NM_001297434	80.2446704	3.033128193	3.00E-07	26.45607613
TOP2A	NM_001067	107.3005653	5.950904999	1.84E-08	18.03096593
CMC2	NM_020188	132.5591446	2.780738489	3.30E-13	47.67048218
LOC389906	NR_034031	70.48121666	4.75736119	8.78E-06	14.81519142
THAP9	NM_024672	74.95014928	5.875407475	4.24E-06	12.75658746
DERL2	NM_016041	76.69875203	8.915259616	3.85E-05	8.603086767
HHLA1	NM_001145095	29.2903612	0.148281932	0.000658844	197.5315584
RBM38	NM_017495	105.5032497	14.55292132	3.06E-06	7.249626887
NDFIP1	NM_030571	110.8464837	4.037905861	1.75E-09	27.45147794
LOC440434	NR_036750	98.41141291	2.633164677	4.77E-09	37.37381629
TRIM24	NM_003852	87.33650713	0.4832027	5.85E-10	180.7450728
AAAS	NM_001173466	115.2667034	7.52257661	1.15E-08	15.32276896
P4HTM	NM_177938	90.4452748	21.2222068	0.000350675	4.261822329
VPS37A	NM_152415	93.55404248	3.13990722	9.17E-09	29.79516143
MCIDAS	NM_001190787	75.38729997	12.25920216	0.000198737	6.149445858
C2orf15	NM_144706	44.34833603	2.156914372	0.000123603	20.5610091
PIGF	NM_002643	51.44017277	3.742968508	0.000143585	13.74314869
ZFH3	NM_006885	59.40631088	2.494560853	3.34E-05	23.81433623
DHX9	NM_001357	172.0013972	7.345786055	7.43E-14	23.41497505
AP2B1	NM_001282	54.98609113	1.022791191	8.65E-06	53.76081804
KLHL42	NM_020782	175.1101649	2.526867864	4.77E-18	69.29929632
SPINT2	NM_001166103	107.737716	9.2439317	1.31E-07	11.65496669
MRPL13	NM_014078	139.6509813	2.591768784	1.28E-13	53.88249991
NCAPD2	NM_014865	64.74954487	9.9957487	0.000657971	6.477708355
TIAL1	NM_001033925	156.069121	8.362807036	3.03E-12	18.66228891
METTL3	NM_019852	74.95014928	8.58968513	7.40E-05	8.725599151
EPHB4	NM_004444	77.13590271	13.64305958	0.000234879	5.653856621
APC	NM_001127511	104.6289483	3.290360688	1.71E-09	31.7986258
C7orf50	NM_001134396	73.58998434	11.32151481	0.000166562	6.500012195
CTCF	NM_001191022	69.1697646	5.246326252	2.81E-05	13.18441921
KDM5B	NM_006618	71.40423091	4.158634631	1.48E-05	17.17011405
CTSO	NM_001334	76.26160134	1.220413543	5.51E-08	62.48832763
XPR1	NM_001135669	72.71568297	2.113431884	2.81E-06	34.40644741

KRT40	NM_182497	41.67671904	5.546481621	0.002765514	7.514082239
CCDC88C	NM_001080414	55.86039251	6.123157214	0.000315667	9.122808798
DOK4	NM_018110	88.64795919	17.93512028	0.000202365	4.942702241
TP53BP2	NM_001031685	76.69875203	4.033526885	4.06E-06	19.015307
WHAMMP2	NR_026589	33.27343024	2.880726714	0.004937309	11.55035987
SNED1	NM_001080437	63.38937993	9.606926347	0.000396304	6.598299773
IPMK	NM_152230	61.2036265	0.488530398	5.64E-07	125.2811017
C9orf40	NM_017998	111.2836343	8.751174836	2.03E-08	12.71642224
TMEM54	NM_033504	97.53711154	17.13798222	2.20E-05	5.691283271
CDCP1	NM_022842	148.9772843	6.105448034	1.40E-12	24.40071285
SAAL1	NM_138421	113.9552513	3.27626199	2.10E-10	34.78209365
TM9SF3	NM_020123	140.9624333	3.690430208	4.90E-12	38.19674818
LINC00094	NR_015427	59.40631088	10.27379352	0.002397494	5.782315051
MBOAT2	NM_138799	53.18877551	1.25260819	9.64E-06	42.46242037
RYK	NM_002958	72.71568297	1.651732065	1.66E-06	44.02389741
RAB1B	NM_030981	97.09996085	22.37768846	0.000235019	4.339141687
HARBI1	NM_173811	68.73261391	8.90307111	0.000249751	7.720101644
STAG3L5P-PVRIG2P-PILRB	NR_036569	123.6699922	17.66075314	6.45E-07	7.002532183
QTRT1	NM_031209	59.89217444	8.578772866	0.001212269	6.981438415
UBE2Z	NM_023079	183.076303	16.02059273	4.01E-12	11.42756114
PKN3	NM_013355	98.02297512	21.81471772	0.000140066	4.49343312
DDX5	NM_004396	168.0183282	21.7770576	8.57E-10	7.715382455
BMS1	NM_014753	119.2497724	4.112436018	3.23E-10	28.99735628
COQ6	NM_182476	111.2836343	9.472578514	2.77E-08	11.74797698
STAG3L1	NR_040583	227.8617898	20.24896363	3.17E-15	11.25300998
ABHD17B	NM_001025780	74.07584791	3.201944934	8.37E-07	23.13464143
RBM14-RBM4	NM_001198846	174.6730143	20.33794069	1.80E-10	8.588530027
ZNF500	NM_021646	58.5320095	11.1215166	0.002623601	5.262952134
SENP2	NM_021627	61.64077717	2.115935269	8.37E-06	29.13169324
HEATR5A	NM_015473	137.4165149	3.502028834	1.97E-12	39.23911578
HNRNPM	NM_005968	105.9891132	10.13467449	3.31E-07	10.45806783
PIGW	NM_178517	112.1579357	11.5017495	1.31E-07	9.751380495
LRRCC1	NM_033402	39.05381491	1.894344144	0.001482802	20.61600847
ERLIN1	NM_001100626	65.67255911	5.949749278	4.15E-05	11.03787001
PROSER3	NM_001039887	83.35343807	16.56387826	0.000459537	5.03224165
TAF13	NM_005645	68.73261391	7.184120096	5.19E-05	9.567297455
ITGB1BP1	NM_022334	91.75672686	10.15914561	3.18E-06	9.031933434
ABHD5	NM_016006	129.8875276	3.594625354	1.38E-11	36.133815
FBXL12	NM_017703	122.3585401	6.221212517	2.50E-10	19.66795697
ARHGAP42	NM_152432	51.44017277	1.480341842	0.000194762	34.74884741
TICAM1	NM_182919	66.54686048	10.8702633	0.000519272	6.121917995
CYR61	NM_001554	214.5524176	16.48001818	4.69E-15	13.01894302
SUPV3L1	NM_003171	90.8824255	4.777201785	1.09E-07	19.0241965
ZNF524	NM_153219	85.10204081	20.84930763	0.001155323	4.081768197
PRPF40B	NM_001031698	63.38937993	12.81470809	0.002757958	4.946611308
MNX1-AS1	NR_038835	68.29546324	9.631928738	0.000362637	7.090528293
POLR3A	NM_007055	43.47403467	6.390481026	0.00468494	6.802936194
BMS1P4	NR_026592	133.8705966	3.683422404	3.60E-12	36.34407948
SAP18	NM_005870	66.54686048	8.953798683	0.000311891	7.432248908
ELK3	NM_005230	49.64285714	5.432084891	0.001580744	9.138822044
VTI1B	NM_006370	69.1697646	6.232427857	8.05E-05	11.09836587
NFATC2IP	NM_032815	86.46220574	12.66355493	3.70E-05	6.827640913
ABHD17C	NM_021214	91.31957618	3.754960386	2.44E-08	24.3197176
KREMEN1	NM_001039570	56.73469387	2.918915743	4.84E-05	19.43690701
PAPOLG	NM_022894	73.15283366	2.022375573	5.40E-07	36.17173518
TMEM5	NM_014254	44.78548671	3.06087343	0.000440874	14.6316036
STARD7	NM_020151	205.2748275	10.41037939	7.42E-16	19.71828497
TTC3	NM_001001894	90.4452748	2.661165385	3.23E-08	33.98709277
LASP1	NR_073384	108.6120173	14.39249016	9.00E-07	7.546436796
LOC100506207	NR_038979	87.77365781	0.699048237	3.25E-09	125.5616611
KIAA0753	NM_014804	72.71568297	3.537960828	2.06E-06	20.55299267
GNG7	NM_052847	101.9573313	9.158276817	1.91E-07	11.13280733

SDAD1	NM_001288984	40.36526697	3.75891293	0.001861579	10.73854801
PIAS4	NM_015897	77.57305339	16.00709601	0.00068711	4.846166559
MAPKAPK2	NM_032960	56.73469387	6.966435745	0.001026183	8.144005909
ZNF768	NM_024671	143.1968996	33.71965902	1.42E-05	4.246688838
SFT2D2	NM_199344	80.2446704	7.343200126	6.21E-06	10.92775207
C10orf25	NM_001039380	91.75672686	0.590385969	4.32E-11	155.4182039
ZNF267	NM_001265588	100.6458792	2.701734796	1.57E-09	37.25231632
NOL7	NM_016167	121.0470881	1.178018219	8.03E-15	102.7548523
HS3ST1	NM_005114	76.26160134	4.112476875	2.46E-06	18.5439587
PTOV1-AS1	NR_040037	84.66489013	13.60889016	3.45E-05	6.221292784
HCFC1	NM_005334	63.38937993	12.09618241	0.001045715	5.240445109
GNB1L	NM_053004	68.29546324	11.33329073	0.00043768	6.026092939
PDXK	NM_003681	122.3585401	16.87070488	2.21E-07	7.252722451
NCLN	NM_020170	104.1917976	20.68055711	5.75E-05	5.038152358
FAM3C	NM_001040020	125.9044585	1.074477049	2.52E-13	117.1774294
ZNF425	NM_001001661	118.375471	7.214156106	2.70E-09	16.40877592
MTMR6	NM_004685	64.74954487	0.336654702	1.31E-08	192.3322159
MSX2	NM_002449	96.22565948	13.9207222	5.01E-06	6.912404263
GRPEL1	NM_025196	93.99119317	10.17423535	2.48E-06	9.238157953
ANXA3	NM_005139	62.51507855	4.26896087	8.01E-05	14.64409735
AP3D1	NM_003938	95.30264523	14.93296262	1.27E-05	6.382031996
LANCL1	NM_001136574	39.9281163	0.347932356	5.59E-05	114.7582729
ELAVL1	NM_001419	109.4863187	12.25029254	8.21E-07	8.937445237
KATNBL1	NM_024713	135.6679122	4.201726651	2.07E-11	32.28860978
TIMM22	NM_013337	65.62384623	8.617314116	0.00016752	7.615348047
ANTXR1	NM_053034	51.87732345	1.644787601	0.000177336	31.54043928
SCPEP1	NM_021626	100.6458792	9.001431911	7.40E-07	11.18109654
UQCRFS1	NM_006003	56.78340675	5.847983315	0.000267069	9.70991258
FOPNL	NM_144600	83.79058876	1.37401451	7.76E-09	60.98231726
AUNIP	NM_001287490	111.7207851	6.621364919	1.04E-08	16.87277267
YWHAH	NM_003405	162.2379435	13.26006312	1.52E-11	12.23508079
TLR5	NM_003268	47.01995303	4.161709904	0.002287705	11.29822936
GTF2F2	NM_004128	82.04198601	3.954130171	2.58E-07	20.74842822
POP4	NR_027368	48.33140508	5.964420709	0.003105575	8.103285707
LOC101928001	NR_110822	40.80241766	3.210843501	0.001343803	12.7076943
FBXL17	NM_001163315	110.4093329	0.719452193	3.14E-11	153.463057
UGCG	NM_003358	130.7618289	5.948767131	1.71E-10	21.98133261
RPL13AP5	NR_026712	239.3738462	58.94776035	9.68E-09	4.06077932
SHISA4	NR_030775	72.71568297	13.66477299	0.001354744	5.32139707
MIS18A	NM_018944	66.06099693	0.272505085	3.37E-09	242.4211529
TMEM187	NM_003492	45.65978809	5.513252388	0.001580744	8.281824389
CFAP20	NM_013242	76.26160134	8.630537034	4.78E-05	8.83625214
MGA	NM_001164273	49.69157001	2.489408982	0.000330472	19.96119174
DNAJB11	NM_016306	71.8413816	7.072709595	3.50E-05	10.15754721
FAM71E1	NM_138411	154.757669	13.86947115	2.21E-10	11.15815213
C11orf58	NM_014267	67.85831254	3.412847648	9.17E-06	19.88319419
CLCC1	NM_001048210	80.2446704	3.245253826	1.67E-07	24.72677784
CDR2L	NM_014603	169.3784932	18.05170355	6.81E-11	9.382964477
LRIG1	NM_015541	48.76855577	1.841220386	0.000316884	26.48708222
ERCC6-PGBD3	NM_001277058	66.06099693	3.66648014	2.37E-05	18.01755209
HDLBP	NM_001243900	66.49814761	7.878964392	0.000200153	8.439960418
2-Mar	NM_017898	86.89935644	4.415924499	4.53E-07	19.67863274
MLLT6	NM_005937	80.2446704	15.0335225	0.000394882	5.337715787
SNX31	NM_152628	44.78548671	6.617235199	0.002804836	6.768005876
TMEM2	NM_013390	116.1410048	3.601430074	1.07E-10	32.2485797
RAI1	NM_030665	101.5201806	15.87056993	9.96E-06	6.396757084
FUT10	NM_032664	82.91628738	1.545686249	1.25E-07	53.64367279
RSPRY1	NM_133368	54.54894044	6.731545839	0.000498785	8.103479015
LOC101927746	NR_110115	101.0830299	12.10905309	1.74E-06	8.347723737
SPR	NM_003124	73.20154654	11.39609664	0.000309915	6.423387661
SDHAF2	NM_017841	86.46220574	9.242310563	9.00E-06	9.355042243
MAOB	NM_000898	31.9132653	0.915515381	0.00186182	34.85825138

CSRNP1	NM_033027	110.4093329	22.05239519	2.40E-05	5.00668213
ITFG1	NM_030790	110.4093329	0.331977789	4.91E-12	332.5804817
ZEB1-AS1	NR_024284	44.34833603	4.882129976	0.003628772	9.083808962
CDK2AP2	NR_073484	93.11689181	14.37247218	8.44E-05	6.478836116
PPRC1	NM_001288727	157.8177238	23.6941246	9.60E-09	6.660626903
GPRIN1	NM_052899	120.5612245	13.26223953	1.37E-07	9.090563037
ZC3H7A	NM_014153	152.0373391	4.666425579	3.04E-13	32.581113
TMEM97	NM_014573	71.40423091	7.327525562	2.27E-05	9.744658044
PKP4	NM_003628	73.58998434	2.119378406	1.48E-06	34.72243754
NOL11	NM_015462	133.4821588	2.790612051	8.98E-13	47.8325745
STK35	NM_080836	114.392402	6.102390078	1.52E-09	18.74550799
SIK2	NM_015191	101.9573313	3.544108745	3.09E-09	28.76811594
TRMT6	NM_001281467	83.79058876	5.418490818	1.58E-06	15.46382407
PTPLB	NM_198402	119.2497724	3.915557747	5.50E-10	30.45537319
PHC3	NM_024947	64.31239418	2.806053257	7.87E-06	22.91916379
PWP1	NM_007062	46.14565165	2.634644534	0.000384202	17.51494407
TMEM192	NM_001100389	66.98401118	4.520728523	3.70E-05	14.81708332
ARSK	NM_198150	47.45710371	1.156702689	0.000172164	41.02791857
LOC100506476	NR_109995	91.31957618	5.441719566	3.21E-07	16.78138226
C9orf3	NM_032823	100.6458792	4.289944247	6.16E-08	23.4608828
PFN2	NM_002628	108.6120173	8.275837615	3.10E-08	13.12399087
B2M	NM_004048	113.9552513	9.989365928	1.69E-08	11.40765612
ANKRD13D	NR_030767	59.40631088	14.4877792	0.004092609	4.100442866
POLR2C	NM_032940	164.4724099	11.0422787	1.62E-12	14.89478887
SUGP1	NM_172231	101.5201806	10.10207941	5.82E-07	10.04943403
CDC123	NM_006023	51.44017277	5.220400867	0.000850203	9.853682519
STRIP2	NM_020704	161.8007928	5.003266986	3.92E-14	32.33902834
CD70	NM_001252	66.49814761	12.80591514	0.002119915	5.192768097
ZNF554	NM_001102651	77.13590271	13.0631343	0.000199408	5.904854143
SLC17A8	NM_139319	30.16466256	0.178537899	0.000547855	168.9538342
CDK5R2	NM_003936	59.84346156	11.87099394	0.002751734	5.041150038
DDX18	NM_006773	43.91118534	2.48209729	0.000560466	17.69116203
CEP85L	NM_206921	37.2564993	1.31766156	0.000551148	28.27471062
ELAC1	NM_018696	135.6679122	4.457425777	1.72E-12	30.43638168
LIN9	NM_001270409	118.375471	3.995355282	9.07E-10	29.6282715
DDIAS	NM_145018	36.38219793	2.120106369	0.002754166	17.1605531
GOLGA3	NM_001172557	86.46220574	9.454269935	1.58E-05	9.1453075
ZNFX1	NM_021035	61.64077717	7.212629145	0.000310206	8.546228558
PPAPDC2	NM_203453	182.6391524	13.4649998	6.85E-13	13.56399221
ARIH1	NM_005744	90.4452748	4.997719552	2.79E-07	18.09730896
RBBP7	NM_001198719	45.65978809	1.085513817	0.000177638	42.06283454
GDE1	NM_016641	117.5011696	2.989908982	4.11E-11	39.29924635
FOSL2	NM_005253	93.99119317	10.70490656	2.16E-06	8.780197438
MAP4K5	NM_006575	82.04198601	4.58620184	1.59E-06	17.88887382
GINS3	NM_001126130	43.47403467	5.222962815	0.003231011	8.323634728
LOC100996342	NR_103793	35.02203299	0.782753181	0.001098623	44.74211518
RRAGD	NM_021244	62.07792787	3.17482779	1.15E-05	19.55316382
TRUB1	NM_139169	73.63869723	2.926782554	6.81E-07	25.16028979
MFN1	NM_033540	38.13080067	0.281227927	0.000102753	135.5868214
TOR1A	NM_000113	179.5303847	19.63216006	4.39E-11	9.144708691
KITLG	NM_003994	153.8346547	4.975246337	4.82E-13	30.92000764
GANC	NM_198141	37.69364998	2.715781105	0.003600753	13.87948753
ITGA5	NM_002205	107.3005653	12.68429283	5.85E-07	8.459325774
NANP	NM_152667	45.226263741	1.20710546	6.68E-05	37.46370047
TRA2B	NM_004593	155.5832575	9.552798558	7.25E-12	16.28666789
ABCB6	NM_005689	101.9573313	18.26604123	3.04E-05	5.581796843
TAF9	NM_003187	175.5473156	11.60746976	2.49E-13	15.12365048
PLEKHA7	NM_175058	77.57305339	3.904980379	9.19E-07	19.8651583
KCNMB4	NM_014505	45.22263741	2.221413069	0.000532613	20.35759942
MZT2A	NM_001085365	91.75672686	21.2497521	0.00024849	4.31801399
GPR180	NM_180989	93.11689181	1.670591147	1.39E-09	55.73888739
TP53INP1	NM_001135733	69.60691528	9.511527527	0.000334359	7.31816368

SNAP29	NM_004782	47.8942544	5.508124417	0.001364172	8.69520199
RAVER2	NM_018211	87.77365781	3.09110291	5.24E-08	28.39557931
METTL8	NM_024770	101.5201806	3.060553641	2.74E-09	33.17052811
HSPBAP1	NM_024610	62.51507855	0.622329501	2.08E-07	100.4533426
HPS3	NM_032383	96.22565948	2.677186916	3.09E-09	35.9428245
CDK11A	NM_024011	86.89935644	12.29730771	4.40E-05	7.066535089
RAD23A	NR_072976	190.6052905	22.47463265	7.83E-12	8.48090794
RAB11B-AS1	NR_038237	108.6120173	7.397063786	1.05E-08	14.68312569
MTAP	NM_002451	129.4503768	7.070279127	7.00E-10	18.30908999
GGA2	NM_015044	121.9213894	6.95468466	1.73E-09	17.53082928
C12orf75	NM_001145199	74.02713503	3.668623526	8.46E-07	20.17844963
PARGP1	NR_029388	62.07792787	0.663015219	6.89E-07	93.6297178
CCDC150	NM_001080539	69.1697646	2.35431491	3.87E-06	29.37999684
MTERF3	NM_001286643	165.3467113	3.553879346	3.36E-16	46.52569634
TBK1	NM_013254	121.4842387	3.333009511	1.28E-11	36.44881249
NUDT6	NM_007083	73.15283366	3.946812264	4.42E-06	18.5346626
PLOD1	NM_000302	93.11689181	14.73090379	1.20E-05	6.321193401
ZNF282	NM_003575	115.2667034	7.546214227	7.47E-09	15.27477221
RITA1	NM_032848	66.49814761	14.89607524	0.002790874	4.464138811
AIFM2	NM_001198696	82.91628738	10.29817071	2.02E-05	8.05155495
ASCC3	NM_022091	60.32932513	3.573346118	8.79E-05	16.88314625
SAA2-SAA4	NM_001199744	33.71058093	3.17769935	0.004776248	10.60848659
MFSD9	NM_032718	97.97426223	2.259144271	3.77E-10	43.36786433
INTS3	NM_023015	152.0373391	6.690625937	3.89E-12	22.72393354
STAG3L3	NR_040582	109.049168	4.10570018	4.23E-10	26.56043141
COG1	NM_018714	64.31239418	12.05723559	0.001508624	5.333925318
FBXO43	NM_001029860	36.8193486	1.656885757	0.00128108	22.22202011
BLM	NM_001287246	129.4503768	3.401166654	9.27E-12	38.06058037
MEIG1	NM_001080836	102.394482	8.96602859	1.79E-07	11.42027163
PIGH	NM_004569	79.37036901	7.317761446	3.80E-06	10.84626352
SUGP2	NM_014884	97.53711154	9.914744121	1.72E-06	9.837582327
VPRBP	NM_001171904	66.06099693	4.139252311	5.10E-05	15.95964487
KIAA2018	NM_001009899	70.48121666	4.960688294	1.30E-05	14.20795109
THAP10	NM_020147	67.42116185	4.001768688	5.12E-06	16.84784082
ABCA11P	NR_002451	79.8075197	4.979628775	2.11E-06	16.02680105
AK7	NM_152327	41.67671904	2.765335396	0.001116602	15.07112631
PMM1	NM_002676	79.8075197	12.99783756	0.000100727	6.140061322
COX6B1	NM_001863	62.07792787	9.280117063	0.000668671	6.6893475
EEPD1	NM_030636	116.5781554	4.302920154	1.46E-09	27.09280007
MND1	NM_032117	100.2087285	4.463706262	3.53E-08	22.4496691
EEF2K	NM_013302	86.89935644	6.37291159	8.87E-07	13.63573858
TMEM170B	NM_001100829	23.94712719	0.14097661	0.004336431	169.8659605
LSM11	NM_173491	75.38729997	0.880192928	5.41E-09	85.64860901
PTPN21	NM_007039	38.56795136	0.778031891	0.00040445	49.57117028
PDLIM1	NM_020992	40.36526697	3.992498244	0.001975512	10.11027795
C12orf73	NM_001135570	89.57097344	6.920037539	8.96E-07	12.94371207
NUFIP1	NM_012345	55.42324183	4.682993709	0.000457939	11.83500241
LOC100132057	NR_111930	199.0572922	5.153619359	8.60E-18	38.62475637
POLQ	NM_199420	82.4791367	2.717263861	1.97E-07	30.35374587
C12orf29	NM_001009894	92.67974111	4.603760323	3.58E-08	20.13131323
NPAT	NM_002519	49.69157001	3.703337941	0.000322216	13.41804902
YBEY	NM_001006114	168.8926296	8.840952281	3.61E-14	19.10344318
LOC101928323	NR_125400	63.38937993	8.0044936	0.000342608	7.919224264
FBXO15	NM_152676	34.58488231	0.396917316	0.00051862	87.13372004
PRPF4	NM_004697	104.6289483	7.192757472	2.12E-08	14.54643072
ZNF574	NM_022752	161.3636422	26.09475728	2.36E-08	6.183757161
DPY19L2P3	NR_036482	87.77365781	7.47341604	1.94E-06	11.74478409
UACA	NM_018003	99.33442714	3.584499706	5.36E-09	27.71221517
LMO4	NM_006769	98.41141291	8.286305071	2.09E-07	11.87639268
ZNF658	NM_033160	39.49096561	0.138321069	4.19E-06	285.5021717
MAN2B2	NM_015274	86.46220574	11.89713792	1.71E-05	7.267479483
MIR31HG	NR_027054	190.1681398	7.527836666	3.28E-15	25.2619907

NUP155	NM_001278312	69.1697646	4.24466969	2.68E-05	16.29567661
RBX1	NM_014248	129.8875276	8.424975836	1.29E-09	15.41696144
AHCTF1	NM_015446	54.98609113	1.953921456	8.54E-05	28.14140301
PLIN2	NM_001122	58.09485881	5.183561781	0.000122247	11.20751739
RAB4A	NM_001271998	72.27853228	5.624550922	1.17E-05	12.85054279
METTL10	NM_212554	153.8346547	5.468160327	1.06E-13	28.13279888
ACTL6A	NM_178042	112.5950864	3.305076892	4.19E-10	34.06731222
METTL16	NM_024086	47.8942544	5.155231203	0.001616867	9.290418318
MUC16	NM_024690	31.9132653	0.308845086	0.001355593	103.3309797
ZNF354B	NM_058230	47.8942544	3.302488744	0.000214449	14.50247317
EIF2B5	NM_003907	69.1697646	13.16993263	0.000772839	5.25209707
LINC00263	NR_026762	104.1917976	8.481809969	1.90E-07	12.28414666
LOC100507373	NR_045214	106.8634146	17.25397013	4.70E-06	6.193555097
NSMCE1	NM_145080	97.09996085	4.755486891	4.68E-08	20.41851088
C21orf59	NM_021254	85.1507537	9.931433221	6.41E-06	8.573863591
SYNJ2	NM_003898	115.7038541	8.441512507	1.83E-08	13.70653115
PRH1	NM_001291315	126.3416091	2.472656434	3.13E-11	51.09549688
FEM1C	NM_020177	51.87732345	4.683346447	0.000643608	11.07697755
PXMP2	NM_018663	119.6869232	14.04862619	1.82E-07	8.519475251
CXCL16	NM_001100812	56.29754319	12.36140578	0.004257802	4.554299423
SNX30	NM_001012994	62.07792787	3.417482926	1.67E-05	18.16480995
MIER2	NM_017550	124.1071429	9.168532493	9.51E-09	13.53620582
ATP5G1	NM_001002027	116.1897176	27.44959237	6.65E-05	4.232839455
ARHGAP31-AS1	NR_046748	68.29546324	0.156191165	1.67E-10	437.255611
C8orf44	NM_019607	53.67463907	4.793365757	0.000248752	11.19769319
HEXA-AS1	NR_027262	72.71568297	14.19498098	0.002087663	5.12263335
LRRC8C	NM_032270	80.68182108	1.874802196	2.45E-07	43.03484456
FIG4	NM_014845	51.44017277	3.875708632	0.000198482	13.27245612
MYEOV2	NM_138336	118.8126218	10.2716647	1.21E-08	11.56702689
FAM98B	NM_173611	132.5591446	1.551352465	5.88E-14	85.44747086
WDR43	NM_015131	125.4673077	3.799240997	8.31E-11	33.02430876
SPTSSA	NM_138288	90.8824255	6.819428403	8.24E-07	13.3269858
CNIH1	NM_005776	67.85831254	4.804289499	9.49E-06	14.12452612
PPM1D	NM_003620	55.03480401	6.511500689	0.000514509	8.451938599
TALDO1	NM_006755	97.09996085	16.70413581	1.66E-05	5.812929324
C16orf87	NM_001001436	42.59973328	2.39960498	0.000746309	17.75281083
EXOSC9	NM_001034194	49.25441934	4.05826184	0.000887974	12.13682638
FDX1	NM_004109	80.68182108	3.004566376	1.58E-07	26.85306663
JAGN1	NM_032492	134.3077472	14.82434425	1.37E-08	9.059945248
ROCK1	NM_005406	63.38937993	1.422361447	1.40E-05	44.56629507
UTP6	NM_018428	86.89935644	2.11947235	2.82E-08	41.00046715
RAB21	NM_014999	88.2108085	3.246883629	2.08E-08	27.16783802
DNAJA2	NM_005880	58.5320095	1.048330031	4.31E-06	55.83357127
SF3B2	NM_006842	174.6730143	12.71056807	2.13E-12	13.74234521
RCN1	NM_002901	54.54894044	5.912591386	0.000305064	9.225893839
RTKN2	NM_145307	36.38219793	2.083129444	0.003429612	17.46516427
CISD2	NM_001008388	140.0881319	7.57346174	1.87E-11	18.49723901
TDRD3	NM_001146071	102.394482	0.682113185	5.97E-11	150.1136237
DLX2	NM_004405	101.0830299	18.77339733	8.67E-05	5.384375993
MCOLN1	NM_020533	90.4452748	21.63308256	0.000297616	4.180877809
AKR7A2	NM_003689	122.7956908	14.6457046	1.63E-07	8.384416739
HSF1	NM_005526	175.1101649	26.98557703	1.96E-09	6.489027998
ACAT1	NM_000019	108.6120173	4.946763476	2.01E-09	21.95617758
DICER1-AS1	NR_015415	37.2564993	1.676532823	0.002038779	22.22235007
DNAJC25	NR_037148	249.5744506	3.377939583	2.94E-27	73.88363364
ERV3-1	NM_001007253	116.1410048	2.534748204	1.10E-11	45.81954316
POLR1D	NM_152705	55.86039251	2.94073077	3.97E-05	18.99541199
SOCS7	NM_014598	48.33140508	6.696757042	0.001561903	7.217135814
ZNF664	NM_001204298	130.3246782	5.89672077	3.16E-11	22.1012124
PGLS	NM_012088	178.6560833	20.94949553	3.57E-11	8.527942024
HP1BP3	NM_016287	143.1968996	4.570613154	1.75E-12	31.32991018
PIGX	NM_017861	169.7669309	4.861854862	7.14E-15	34.91814046

SNX18	NM_001145427	74.95014928	3.122303714	5.20E-07	24.00475935
RPF1	NM_025065	100.2087285	6.138772468	7.00E-08	16.32390336
INSIG2	NM_016133	74.02713503	3.5095528	2.76E-06	21.09303927
LOC100130950	NR_034082	44.34833603	4.727501164	0.002499078	9.38092546
EREG	NM_001432	58.09485881	3.580056149	0.000158564	16.22735968
SLX4	NM_032444	78.49606764	6.941450968	1.67E-05	11.30830831
BRI3	NM_015379	84.66489013	19.32001337	0.000680902	4.382237658
PLEKHM1P	NR_024386	164.0352591	11.82692282	4.89E-12	13.86964823
TIA1	NM_022037	94.42834386	5.001194579	8.36E-08	18.88115776
DRG1	NM_004147	86.46220574	5.861003641	5.54E-07	14.75211603
CDR2	NM_001802	94.42834386	6.020287111	7.37E-08	15.68502334
ATP9B	NM_198531	47.01995303	0.537110545	7.04E-05	87.5424128
NANS	NM_018946	152.0373391	6.85491102	1.47E-12	22.1793308
ZNF624	NM_020787	68.29546324	2.473615008	1.85E-06	27.60957668
TTC21A	NM_001105513	55.42324183	7.335749951	0.001627624	7.555225054
AMDHD1	NM_152435	44.34833603	2.979425725	0.000399344	14.88486042
ANKIB1	NM_019004	83.79058876	2.463959347	2.17E-07	34.00648183
LAPTM4B	NM_018407	74.95014928	6.43167693	9.11E-06	11.65328267
IL10RB	NM_000628	51.44017277	6.602174984	0.000789684	7.79139797
BNIP2	NM_004330	90.8824255	3.595616798	6.61E-08	25.27589301
DHX30	NM_138615	86.02505507	11.9181617	1.72E-05	7.217980193
CDC34	NM_004359	222.0814051	22.31239395	3.20E-14	9.953275548
ATP6V1C1	NM_001695	75.82445064	6.340822725	4.45E-06	11.95814075
C2orf47	NM_024520	164.9095605	9.542758014	1.45E-13	17.28112148
EFNA1	NM_182685	108.1748666	21.44245745	2.43E-05	5.044891283
ZSCAN25	NM_145115	118.375471	10.4862013	5.33E-08	11.28868954
FAM199X	NM_207318	81.11897176	2.826322175	1.17E-07	28.70124732
DEPDC4	NM_152317	44.78548671	1.781552495	0.00017048	25.13846032
GEMIN4	NM_015721	140.5252827	15.12959682	3.19E-09	9.288104919
STX16-NPEPL1	NR_037945	153.3975041	6.193467288	4.27E-13	24.76762966
GFM1	NM_024996	64.31239418	2.86518276	5.69E-06	22.44617519
SLC30A3	NM_003459	135.2307615	18.88109117	6.69E-08	7.162232322
EIF2D	NM_006893	58.09485881	5.239645631	0.000186546	11.08755494
PCNP	NM_020357	104.1917976	5.459574709	3.37E-08	19.08423332
ACO2	NM_001098	90.00812411	14.59978744	2.21E-05	6.165029763
PGBD2	NM_170725	80.68182108	2.706083928	1.65E-07	29.81497367
RIC8B	NM_018157	79.8075197	2.806234832	3.75E-07	28.43935895
FAM9C	NM_174901	21.2755102	0.061283161	0.003228011	347.1673082
ORAI1	NM_032790	71.8413816	11.7209173	0.000526944	6.129330985
TMEM50A	NM_014313	47.01995303	3.914233479	0.001998729	12.01255706
NACC2	NM_144653	92.19387756	9.440484479	1.57E-06	9.765799389
HAUS3	NM_024511	105.5032497	6.538302851	1.19E-08	16.13618275
BMPR1A	NM_004329	67.37244898	3.245075133	5.20E-06	20.76144503
GPATCH1	NM_018025	43.91118534	5.308731251	0.004530595	8.271502788
NTN1	NM_004822	49.20570646	3.204850059	0.000372676	15.35351282
PANK4	NM_018216	130.7618289	15.12960684	2.19E-08	8.64277772
RSF1	NM_016578	46.58280234	2.591207694	0.000642546	17.97725534
CCDC24	NM_152499	58.09485881	10.51434198	0.003585565	5.525296679
WDFY2	NM_052950	40.36526697	2.026910543	0.002107225	19.91467611
TRAPPC9	NM_001160372	153.3975041	4.413734018	1.36E-12	34.75458727
DNAJC13	NM_015268	75.38729997	1.366332484	9.13E-07	55.17493059
LINC01144	NR_024270	137.8536657	16.66323841	8.28E-08	8.272921642
EMC7	NM_020154	147.1799686	1.21434205	2.03E-18	121.2014099
RRP1B	NM_015056	122.7956908	7.453141652	1.44E-09	16.47569529
XPO5	NM_020750	122.7956908	7.660758998	2.11E-09	16.02918077
RAB11FIP5	NM_015470	52.31447414	9.438453361	0.003005979	5.542695624
PM20D2	NM_001010853	97.97426223	3.15185901	7.23E-09	31.08459545
GPALPP1	NM_018559	60.76647581	3.862534101	0.000118274	15.73228203
SHQ1	NM_018130	66.93529829	2.202950446	7.32E-06	30.38438672
KARS	NM_001130089	43.91118534	4.784872572	0.003621058	9.177085635
ARNT2	NM_014862	49.64285714	3.546187331	0.000371583	13.99893816
ADD3-AS1	NR_038943	82.4791367	1.118511115	4.47E-08	73.74011363

ABHD14A-ACY1	NR_037192	122.7956908	16.77684857	3.39E-07	7.319353829
SMARCC1	NM_003074	117.064019	4.515691754	1.68E-09	25.92382859
APIAR	NM_018569	105.5032497	3.084435237	3.99E-10	34.20504616
MSN	NM_002444	38.13080067	0.919002989	0.000401994	41.49148711
LY6E	NM_002346	119.6869232	23.88592741	8.86E-06	5.010771451
DSC2	NM_004949	62.07792787	1.93644881	6.38E-06	32.05761368
PLA2G15	NM_012320	83.35343807	13.66571732	6.73E-05	6.099455748
SBDS	NM_016038	78.49606764	5.088280983	2.48E-06	15.42683431
NAGK	NM_017567	181.3277003	14.39390621	1.09E-12	12.59753244
ZFYVE9	NM_007324	115.2667034	3.060776169	3.26E-10	37.65930503
STK38L	NM_015000	115.2667034	1.354931531	4.50E-11	85.07197649
MRPS5	NM_031902	120.1240738	2.619535905	6.74E-12	45.85700603
NUP160	NM_015231	108.6120173	3.773481376	4.90E-09	28.78297426
ZFR	NM_016107	91.75672686	3.109707761	2.86E-08	29.50654335
C9orf78	NM_016520	93.11689181	6.689748371	2.90E-07	13.91934145
RTTN	NM_173630	111.7207851	1.971931396	4.60E-10	56.65551311
ANO9	NM_001012302	99.28571429	11.71438053	2.92E-06	8.475541158
CPSF1	NM_013291	204.8376768	40.97706786	3.96E-09	4.998836849
LUZP1	NM_033631	112.1579357	5.69756631	4.12E-09	19.6852357
RELT	NM_152222	149.8515857	16.51016642	3.66E-09	9.076321939
RTN4IP1	NM_032730	50.12872071	3.469522566	0.000166231	14.44830514
MSRB2	NM_012228	90.4452748	2.728396185	5.45E-09	33.14961195
CEP72	NM_018140	85.10204081	7.52374373	3.54E-06	11.31112965
CERS2	NM_181746	102.394482	22.08887416	9.39E-05	4.635568169
WDR25	NM_001161476	46.14565165	6.772129884	0.002924982	6.814052956
CCT5	NM_012073	72.71568297	12.81888348	0.000557625	5.672544188
NUP214	NM_005085	104.6289483	4.352462568	1.37E-08	24.03902311
DIS3L	NM_001143688	132.9962952	7.187755466	1.39E-10	18.50317472
AHCY	NM_000687	99.7715779	15.37418736	1.08E-05	6.489551321
ARV1	NM_022786	39.9281163	1.070791367	0.000681034	37.28841821
RNMT	NM_003799	69.60691528	2.638261726	2.26E-06	26.38362775
GLUD1	NM_005271	40.80241766	3.657507571	0.001885547	11.15579855
GRK6	NM_001004105	115.2667034	20.22091577	6.05E-06	5.700370085
PITHD1	NM_020362	180.4046861	11.09006052	7.43E-14	16.2672409
NFE2L1	NM_003204	189.7309891	27.43772524	2.38E-10	6.914967892
C6orf165	NM_001031743	40.80241766	3.250447631	0.001926948	12.55286111
SLAH1	NM_003031	119.6869232	3.263423961	4.56E-11	36.67526028
RPL26	NM_000987	103.3174962	19.36447418	4.91E-05	5.335414493
NOA1	NM_032313	72.27853228	4.652584569	4.56E-06	15.53513562
GNG12	NM_018841	83.35343807	4.018286868	2.43E-07	20.74352599
FAM81A	NM_152450	84.66489013	2.610389691	8.67E-08	32.43381263
ZBTB26	NM_020924	82.91628738	2.688874398	8.23E-08	30.83680198
BPIFB1	NM_033197	62.95222924	6.801621381	0.000284553	9.25547391
USP42	NM_032172	63.82653061	6.140277898	8.76E-05	10.39472996
RPS10-NUDT3	NM_001202470	73.63869723	5.35069974	9.89E-06	13.76244245
FOXN3	NM_001085471	40.80241766	1.803313784	0.002226687	22.6263549
CLMN	NM_024734	56.73469387	3.819054848	5.91E-05	14.85568973
NUP188	NM_015354	104.6289483	6.674993479	6.92E-08	15.67476412
DDX55	NM_020936	185.74792	7.437895855	1.65E-15	24.97318108
SLC25A4	NM_001151	112.5950864	8.489355046	2.58E-08	13.26309075
IL10RA	NM_001558	80.2446704	6.935844958	5.28E-06	11.56955942
NUDT14	NM_177533	85.10204081	17.62341074	0.00024089	4.828920014
NARFL	NM_022493	92.67974111	22.11784487	0.000681194	4.190269967
RGPD8	NM_001164463	81.55612244	1.945650116	1.01E-07	41.91715755
RNASET2	NM_003730	94.42834386	3.734536428	3.72E-08	25.28515806
SPAG7	NM_004890	96.66281017	10.77834032	1.63E-06	8.968246253
BMP7	NM_001719	80.2446704	5.114408591	2.83E-06	15.68992171
HECTD4	NM_001109662	43.91118534	4.104858667	0.001242449	10.69736839
LARS2	NM_015340	61.64077717	4.01985536	1.80E-05	15.33407838
TMEM260	NM_017799	143.1968996	1.916856456	7.28E-14	74.70402866
HDAC1	NM_004964	104.1917976	8.488191214	1.16E-07	12.27491169
SNAPC3	NM_001039697	58.96916018	4.42220545	0.000125894	13.33478529

ABTB2	NM_145804	68.73261391	7.617090334	0.000140689	9.02347365
RNASEH2B	NM_001142279	103.3174962	4.471101503	1.73E-08	23.10783956
TTL12	NM_015140	131.1989796	18.76266352	1.05E-07	6.992556222
SEC22A	NM_012430	98.41141291	3.677441271	7.71E-09	26.76083876
POLRMT	NM_005035	67.85831254	16.02623383	0.002520788	4.234202075
CMTM6	NM_017801	119.2497724	4.513108172	7.37E-11	26.42298121
BMP1	NR_033404	80.2446704	11.00357076	4.67E-05	7.292602751
B4GALT1	NM_001497	73.58998434	8.438337733	4.04E-05	8.72091005
ZKSCAN2	NM_001012981	34.14773161	2.508620808	0.004742173	13.61215354
AEN	NM_022767	139.2138305	23.93508701	3.92E-07	5.816307686
THRAP3	NM_005119	126.3416091	7.049444147	1.47E-09	17.92220869
FARSA	NM_004461	126.3416091	12.88017817	2.82E-08	9.808995455
INPP5E	NM_019892	129.4503768	19.7879747	3.22E-07	6.541870947
ZNF672	NM_024836	148.4914208	7.638333509	1.90E-12	19.4402903
SRPR	NM_001177842	96.22565948	17.74151616	5.46E-05	5.423756267
CSTF2T	NM_015235	69.60691528	8.172507944	0.000188324	8.517203747
MICALL2	NM_182924	174.6730143	23.09602905	5.83E-10	7.562902431
RNF115	NM_014455	118.375471	3.254132783	8.68E-11	36.37696397
CCDC101	NM_138414	180.4046861	6.457025499	5.40E-15	27.93928661
ADO	NM_032804	83.35343807	11.71648809	3.35E-05	7.11419987
EFCAB14	NM_014774	63.87524348	3.427943672	1.14E-05	18.6336911
AKAP10	NM_007202	146.742818	2.678213926	9.33E-14	54.79129826
OSMR	NM_001168355	37.69364998	3.03638566	0.003261163	12.4139863
TRIP13	NM_004237	75.82445064	5.802738069	2.78E-06	13.06701246
PDCL3	NM_024065	76.69875203	4.145979997	9.14E-07	18.49954705
HECA	NM_016217	42.11386972	2.346654867	0.000897754	17.94634154
DDX20	NM_007204	41.23956835	2.061841776	0.000709781	20.00132544
LOC93622	NR_015433	87.33650713	18.89348881	0.000689169	4.622571724
SOS2	NM_006939	47.8942544	2.48292567	0.000333006	19.28944349
TTC23L	NM_144725	40.80241766	0.935195548	0.000177638	43.62982455
KRT33A	NM_004138	44.34833603	6.517298633	0.003319657	6.804711357
PSMD12	NM_174871	180.453399	5.959871724	1.36E-15	30.2780676
NCAPD3	NM_015261	61.2036265	4.12378759	0.000151243	14.84160499
ZFAND2A	NM_182491	58.09485881	11.39790666	0.004886137	5.096976186
SOX13	NM_005686	121.9213894	12.27989789	5.85E-08	9.928534463
ATP5C1	NM_001001973	71.40423091	2.621867939	4.92E-07	27.23410659
PIGQ	NM_148920	84.22773945	13.07074339	6.16E-05	6.44398998
TTC32	NM_001008237	109.4863187	11.72486688	1.94E-07	9.337958363
FAM171A1	NM_001010924	42.55102041	3.192042707	0.001198464	13.33034183
BBS10	NM_024685	69.1697646	8.974866763	0.000206456	7.707051974
RPL7	NM_000971	144.1199138	18.91249577	5.27E-08	7.620354055
COX16	NM_001204090	61.2036265	4.459907218	0.00012017	13.72307169
ERICH6	NM_152394	45.22263741	2.901345675	0.000505403	15.58678023
FAM220A	NM_001037163	140.0881319	8.085476039	8.17E-11	17.32589785
BEND2	NM_153346	24.38427789	0.26946298	0.0037149	90.49212597
NOL9	NM_024654	82.04198601	5.785912388	9.86E-07	14.17961084
RAB11FIP1	NM_025151	98.41141291	3.6342727	3.25E-08	27.07870901
ZNF213-AS1	NR_110900	66.06099693	14.03016465	0.003189794	4.708497626
CIDECP	NR_002786	75.38729997	6.697440111	8.87E-06	11.25613648
TMEM241	NM_032933	39.9281163	3.654454232	0.002170594	10.92587669
TMEM98	NM_015544	49.20570646	2.081078694	8.66E-05	23.64432763
XRCC6BP1	NM_033276	135.6679122	3.711913834	3.87E-13	36.54931615
XPO1	NM_003400	111.2836343	8.140847176	2.45E-08	13.66978545
CAPN7	NM_014296	122.3585401	2.70980869	7.43E-12	45.1539404
ZBED5-AS1	NR_034137	100.6458792	2.304651079	2.24E-10	43.67076653
ALG6	NM_013339	138.3395291	2.414332865	5.01E-13	57.29927764
C9orf89	NM_032310	58.09485881	9.705245105	0.002550428	5.985923919
STT3B	NM_178862	87.77365781	4.402871475	4.73E-07	19.93554849
TTC33	NM_012382	36.38219793	1.180647227	0.002450636	30.81546893
HIF1A-AS1	NR_047116	143.1968996	3.350474738	2.04E-14	42.73928646
RCCD1	NM_033544	86.89935644	18.88531639	0.000606053	4.601424443
MPP5	NM_001256550	47.8942544	4.047202901	0.000349417	11.83391482

IMPACT	NM_018439	132.9962952	2.524146447	7.05E-14	52.68961133
CNOT11	NM_017546	104.1917976	2.454021728	6.04E-10	42.45756931
ARHGEF35	NM_001003702	78.05891695	6.479267577	5.13E-06	12.04749087
NPAS2	NM_002518	52.75162482	5.251294347	0.000969465	10.04545191
LENG8	NM_052925	199.4944428	30.75609945	1.01E-10	6.486337553
SDHB	NM_003000	66.06099693	5.037474757	3.83E-05	13.11391126
OLA1	NM_001011708	62.07792787	5.348658481	0.000101964	11.60626129
EML5	NM_183387	34.14773161	0.448477741	0.00086476	76.14141901
PSMD1	NR_034059	108.1748666	5.014276103	8.24E-09	21.57337658
OAF	NM_178507	56.73469387	10.3507231	0.002677465	5.481229991
MEGF8	NM_001271938	64.31239418	10.43577572	0.0007012	6.162684588
DR1	NM_001938	97.97426223	7.635427363	1.49E-07	12.83153615
LOC145783	NR_015419	43.91118534	4.488505683	0.00407675	9.783029908
ZSWIM1	NM_080603	72.27853228	7.466589952	8.15E-05	9.680260031
LANCL2	NM_018697	71.8413816	4.54422546	1.44E-05	15.80937879
MTG1	NM_138384	70.48121666	4.337540533	8.23E-06	16.24912001
USP32	NM_032582	54.54894044	4.472815104	0.000556245	12.19566183
OAZ1	NM_004152	217.6611853	47.42556083	1.00E-08	4.589533186
CDH1	NM_004360	126.3416091	6.805914255	1.60E-09	18.56350292
ZNF519	NR_033354	105.066099	2.438874906	5.18E-10	43.07974088
RRN3P2	NR_003369	39.00510204	2.043459274	0.001574676	19.08778048
DNPH1	NM_006443	83.35343807	17.27930362	0.000458695	4.823888735
VPS26B	NM_052875	69.60691528	5.986354092	1.77E-05	11.6275974
MAN1A1	NM_005907	93.99119317	4.579014679	1.71E-07	20.52651056
POLG2	NM_007215	66.54686048	8.600902825	0.000153229	7.737194785
LMNTD2	NM_173573	97.97426223	17.23061219	5.14E-05	5.686058112
GGCX	NM_000821	97.97426223	15.95271312	1.56E-05	6.141542289
UTP11L	NM_016037	116.5781554	5.238669673	3.10E-10	22.25338926
PPTC7	NM_139283	65.18669554	5.506722231	4.53E-05	11.8376582
TCTE3	NM_174910	144.071201	3.593457553	6.54E-14	40.09264027
TRNT1	NM_182916	126.3416091	3.261311597	7.50E-12	38.73950874
SCYL1	NM_001048218	97.53711154	20.42701989	0.000119021	4.774906574
ARID2	NM_152641	49.25441934	2.259309485	0.000351888	21.80065178
RRP8	NM_015324	72.27853228	12.31045565	0.000442717	5.871312511
LINC00888	NR_038302	86.89935644	7.428545398	2.90E-06	11.69803128
CDK12	NM_016507	111.2836343	4.258145445	3.06E-09	26.1342962
SYS1-DBNDD2	NR_003189	63.43809281	6.017727528	8.31E-05	10.54186859
UBR2	NM_001184801	121.9213894	3.388484034	1.62E-11	35.98110193
SMIM13	NM_001135575	97.97426223	3.98622292	4.04E-08	24.57821958
SHB	NM_003028	155.1461068	9.541249938	7.59E-12	16.26056416
FBXL8	NM_018378	93.55404248	13.76361759	1.32E-05	6.797198621
THOP1	NM_003249	142.759749	15.89143453	3.81E-09	8.983440024
DGCR8	NM_001190326	123.2328415	18.56366422	6.58E-07	6.638389923
ACTR8	NM_022899	43.03688397	5.722066059	0.003497367	7.521214108
ACTR5	NM_024855	86.02505507	4.282611129	2.78E-07	20.08705728
NDUFV2	NM_021074	146.3056673	3.500366738	2.15E-13	41.79723961
NUAK2	NM_030952	76.69875203	13.15059694	0.000213452	5.832339961
CYP4X1	NM_178033	27.05589488	0.952470458	0.004833173	28.40602001
TSR2	NM_058163	69.60691528	8.28142242	7.80E-05	8.405188354
SGK223	NM_001080826	59.40631088	5.750482338	0.000158992	10.33066574
KIAA1804	NM_032435	98.8485636	2.911496328	2.57E-09	33.95112082
PRKAA1	NM_006251	67.37244898	1.791699731	1.54E-06	37.60253341
CAT	NM_001752	82.91628738	4.333805966	7.77E-07	19.1324411
PFDN1	NM_002622	76.26160134	4.576324599	4.05E-06	16.66437764
MIA3	NM_198551	74.46428571	4.162063401	6.60E-06	17.89119447
STK11	NM_000455	101.9573313	24.27913848	0.000145055	4.199380113
LIN7C	NM_018362	112.1579357	6.047152069	1.97E-09	18.54723255
CERS4	NM_024552	58.96916018	8.786074156	0.000627641	6.711662016
SOCS1	NM_003745	219.4097881	20.88865291	5.84E-13	10.50377873
NKIRAS1	NM_020345	54.54894044	2.296049001	4.29E-05	23.75774229
KIF5C	NM_004522	31.47611462	0.45153557	0.001885794	69.70904772
KPNA4	NM_002268	90.00812411	3.597943005	2.67E-08	25.01655084

LPP-AS2	NR_036497	91.75672686	16.60597891	0.000123123	5.525523508
CENPT	NM_025082	119.2497724	21.00949526	2.65E-06	5.67599416
KBTBD8	NM_032505	38.13080067	0.852453508	0.000677782	44.73065134
7-Sep	NM_001011553	44.78548671	3.342117411	0.000632733	13.40033314
OTUD7B	NM_020205	116.1410048	5.478846258	1.08E-09	21.19807698
CCDC130	NM_030818	106.8634146	13.24689604	7.28E-07	8.067053167
SS18L2	NM_016305	88.2108085	13.93457919	4.69E-05	6.330353241
MRPS26	NM_030811	147.6171194	35.07288451	7.72E-06	4.208867376
YAE1D1	NM_020192	65.18669554	6.964825469	0.000177638	9.359415513
HEATR2	NR_075098	97.09996085	7.676211561	4.22E-07	12.64946388
NOP58	NM_015934	135.6679122	7.198405129	1.27E-10	18.84694037
ZNF800	NM_176814	74.51299858	4.805181155	4.03E-06	15.50680322
DIAPH1	NM_005219	96.22565948	4.228266646	7.83E-08	22.75770843
TMEM19	NM_018279	85.58790438	1.44593298	2.07E-09	59.19216559
SOWAHC	NM_023016	112.1579357	12.91970304	3.20E-07	8.68115431
LOC101928068	NR_111907	86.89935644	20.37905542	0.001097414	4.264150358
TXNL1	NR_024546	55.42324183	0.532061974	9.38E-07	104.1668914
SDSL	NM_138432	60.32932513	8.734846148	0.00044724	6.906741585
EIF2AK3	NM_004836	40.36526697	2.272962366	0.001878776	17.75888047
PDXDC2P	NR_003610	64.74954487	3.18510292	8.11E-06	20.32887053
FLJ30679	NR_026674	81.60483533	16.75806025	0.000828527	4.869587179
LRRC8A	NM_019594	114.8295527	12.26907455	2.43E-07	9.359267664
TYMS	NM_001071	132.5591446	15.10961237	1.88E-08	8.773166469
NEK9	NM_033116	89.13382275	3.18899035	3.02E-08	27.95048369
MRPS14	NR_037606	39.49096561	3.41626855	0.004157157	11.55967836
EIF2AK4	NM_001013703	110.4093329	2.932034197	3.64E-10	37.65622278
SLX4IP	NM_001009608	48.76855577	3.161126876	0.00036727	15.42758569
FANCL	NM_018062	94.86549455	2.401747822	1.15E-08	39.49852423
MIR17HG	NR_027349	67.37244898	8.309592678	0.000123214	8.107791993
SFMBT1	NM_016329	58.5320095	3.351820068	5.83E-05	17.46275406
ERI1	NM_153332	42.59973328	4.150917431	0.003944753	10.26272721
LOC101928438	NR_109802	118.375471	2.034330604	1.52E-10	58.18890536
FLJ10038	NR_026891	146.742818	16.46457165	1.93E-09	8.912641099
DLG5-AS1	NR_024585	63.38937993	12.55185563	0.002055471	5.050199889
ZCRB1	NM_033114	54.98609113	1.397840404	9.89E-06	39.33645857
ATF1	NM_005171	54.98609113	3.52112861	8.84E-05	15.61604168
M6PR	NM_001207024	73.58998434	7.814914037	4.84E-05	9.416608293
DIP2B	NM_173602	94.42834386	4.159538954	1.81E-07	22.70163711
UBN2	NM_173569	62.95222924	2.94989885	1.39E-05	21.34047045
SLC38A2	NM_018976	132.5591446	17.62553982	7.14E-08	7.52085587
KCMF1	NM_020122	95.30264523	4.768660869	1.38E-07	19.98520085
PFDN4	NM_002623	79.8075197	3.368269197	2.24E-07	23.69392558
COX5A	NM_004255	111.2836343	4.182130999	3.20E-10	26.60931337
FAHD2A	NM_016044	82.91628738	7.393853526	1.86E-06	11.21421828
GNB1	NM_001282538	147.6171194	7.443119445	1.77E-11	19.83269522
AARS2	NM_020745	169.8156438	13.50457091	6.00E-12	12.57467897
B3GALNT2	NM_001277155	121.9213894	4.422184986	1.24E-10	27.57039559
LIMD1	NM_014240	55.86039251	6.673784681	0.000302855	8.370122078
HUS1	NM_004507	151.6001885	6.031031512	2.66E-13	25.13669315
CBL	NM_005188	116.1410048	4.436226354	1.21E-09	26.18013498
CBX3P2	NR_033754	105.066099	0.238378974	7.00E-14	440.7523744
RSBN1L	NM_198467	86.46220574	2.583446452	8.46E-08	33.46777544
GINM1	NM_138785	79.8075197	5.853159141	1.46E-06	13.63494786
SETX	NM_015046	131.2476924	3.215569436	4.39E-12	40.81631419
CYP51A1-AS1	NR_122109	66.06099693	3.142469703	5.88E-06	21.02199963
LYPD6B	NM_177964	31.03896394	0.903906573	0.00199865	34.33868596
HACE1	NR_104424	97.97426223	1.382477143	5.48E-09	70.86863079
ANKRD13C	NM_030816	129.8875276	3.225413223	8.50E-12	40.2700425
PSMD5	NM_001270427	87.82237075	4.008848624	1.55E-07	21.9071307
LINC01136	NR_034151	65.62384623	11.0899063	0.000879024	5.917439196
ARL4D	NM_001661	136.1050629	18.22265227	1.31E-07	7.469004008
SLC39A14	NM_001135153	67.42116185	7.091378788	0.00011696	9.5074828

TRADD	NM_003789	87.33650713	20.37116899	0.000674261	4.287260449
PEAK1	NM_024776	109.049168	1.56040312	9.62E-10	69.88525376
NUDCD2	NM_145266	70.96708023	5.869015331	9.47E-06	12.09182056
AMER1	NM_152424	45.22263741	0.890775832	0.000107371	50.76769685
SAV1	NM_021818	99.7715779	2.412643205	8.48E-10	41.35363973
EHBP1L1	NM_001099409	84.66489013	20.73028851	0.000871486	4.084115379
GABPB1	NM_002041	113.9552513	3.445787829	1.55E-10	33.07088451
C5orf28	NM_022483	96.22565948	1.55675487	8.86E-10	61.81169644
DNAJC17	NM_018163	51.87732345	7.273794457	0.002894511	7.132085428
ANKRD50	NM_001167882	104.1917976	2.984526848	1.10E-09	34.9106585
LOC100130987	NR_024469	69.60691528	11.78990422	0.000444288	5.903942389
MTHFD2	NR_027405	197.2599765	9.635409185	1.18E-15	20.47240265
ARPC5L	NM_030978	165.3467113	21.30503022	1.48E-09	7.760923571
INADL	NM_176877	155.5832575	1.517967255	7.33E-14	102.4944754
MANBAL	NM_001003897	167.1440268	10.2677654	5.51E-13	16.27852022
COX20	NM_198076	137.8536657	10.15011585	2.36E-10	13.58148692
CCDC18	NM_206886	110.4093329	3.321987869	3.93E-10	33.23592297
LINC00467	NR_026761	98.41141291	2.507248406	3.37E-09	39.25076298
SUPT6H	NM_003170	84.71360301	6.632043607	3.26E-06	12.77337847
CASQ2	NM_001232	42.11386972	1.948851529	0.000961895	21.60958344
DCAF15	NM_138353	117.5011696	17.37898929	6.16E-07	6.761104901
DNAJC27-AS1	NR_034113	105.5032497	3.573252493	1.06E-09	29.52583112
KRT26	NM_181539	37.2564993	2.613262535	0.004236656	14.25669974
GUF1	NM_021927	61.2036265	5.761201186	0.000109536	10.6234142
KIAA1161	NM_020702	82.04198601	9.250475413	1.00E-05	8.868948065
JAG1	NM_000214	49.20570646	5.440930798	0.001400297	9.043619242
NMD3	NM_015938	55.42324183	4.883992702	0.000396571	11.34793707
RPL24	NM_000986	115.7038541	13.76931129	3.12E-07	8.403024065
PKD2	NM_000297	116.5781554	3.210755067	7.54E-11	36.30864174
HEYL	NM_014571	75.38729997	9.155769762	8.98E-05	8.233857112
FBXL3	NM_012158	80.68182108	2.521688024	6.08E-08	31.99516368
COX10	NM_001303	80.2446704	0.622468236	1.05E-08	128.913679
DCUN1D2	NM_001014283	118.8126218	8.065813652	2.73E-09	14.73039509
ARHGEF37	NM_001001669	79.8075197	6.406667756	2.48E-06	12.45694685
C10orf76	NM_024541	136.1537757	4.769410967	3.04E-11	28.54729372
UBASH3B	NM_032873	60.76647581	5.457606169	0.000178804	11.13427278
XYLB	NM_005108	78.93321834	5.007540174	2.48E-06	15.76287271
PPIL1	NM_016059	140.0881319	4.994231466	4.39E-12	28.04998785
CDC37L1	NM_017913	103.3174962	4.147259	5.88E-09	24.9122363
GPATCH11	NM_174931	47.8942544	1.44643253	5.95E-05	33.11198649
CTC-338M12.4	NR_109909	101.0830299	16.7953663	2.05E-05	6.018507017
MAGEA6	NM_005363	59.84346156	4.711842729	3.69E-05	12.70064919
CTBS	NM_004388	148.05427	2.149905575	2.62E-15	68.86547566
ANP32B	NM_006401	62.07792787	10.19698552	0.001081102	6.087870552
HSPA12A	NM_025015	179.9675353	8.217893571	2.56E-14	21.89947263
TMEM8A	NM_021259	66.93529829	9.030539676	0.000385926	7.412103893
SMYD5	NM_006062	97.09996085	11.20365967	2.93E-06	8.666807428
PCOLCE2	NM_013363	70.48121666	4.911329081	1.50E-05	14.35074203
APPBP2	NM_006380	74.07584791	5.291089535	8.85E-06	14.00011234
PRKAB1	NM_006253	81.60483533	7.268223447	2.61E-06	11.22761785
SLC7A5	NM_003486	293.4369232	17.50499887	1.32E-21	16.76303583
NUMBL	NM_004756	62.95222924	14.14333734	0.002897825	4.451016597
CRACR2A	NM_032680	47.01995303	0.537200457	4.12E-05	87.52776067
RNF139	NM_007218	128.1389248	6.820052105	5.67E-11	18.7885551
THUMPD1	NM_017736	75.82445064	3.748445496	2.69E-07	20.22823881
COQ5	NM_032314	86.46220574	4.660027616	3.39E-07	18.55401145
MGME1	NM_052865	89.57097344	3.69013871	1.02E-07	24.2730641
LOC100288846	NR_038935	51.00302207	3.856680809	0.000548467	13.2245899
TIMM17A	NM_006335	70.09277885	4.10569173	4.19E-06	17.07209977
SEC61A1	NM_013336	136.9793643	16.52358797	3.00E-08	8.289928585
PABPC1L	NM_001124756	112.5950864	9.582827688	7.87E-08	11.74967244
ATPIA3	NM_001256214	58.5320095	11.03947362	0.002948722	5.302065254

GNB2L1	NM_006098	226.9874884	34.82943347	1.97E-11	6.517116869
PREP	NM_002726	137.8536657	4.016685359	1.98E-11	34.32025497
MEMO1	NM_015955	52.31447414	3.379634539	0.00019669	15.47932877
EFNB1	NM_004429	62.51507855	7.874187143	0.000210296	7.939242161
CCS	NM_005125	136.1050629	7.450591306	4.32E-11	18.26768605
TNKS2	NM_025235	93.11689181	4.21968756	1.11E-07	22.06724799
MICU2	NM_152726	161.3636422	0.793806955	8.49E-18	203.2781915
LOC100507250	NR_038930	55.86039251	4.539046082	0.000112817	12.30663701
BAG2	NM_004282	111.7207851	7.490578842	1.79E-08	14.91484002
BRAP	NM_006768	82.4791367	3.988315241	9.21E-07	20.68019495
SGPL1	NM_003901	81.11897176	4.794420834	2.40E-06	16.91945171
KRTCAP2	NM_173852	116.1410048	20.29322225	4.35E-06	5.723142599
CERK	NM_022766	127.2159105	6.689663154	5.81E-10	19.01678868
SLC25A30-AS1	NR_047031	58.09485881	3.357521433	5.65E-05	17.30290036
LOC100133091	NR_029411	91.75672686	4.608971157	2.33E-07	19.90828837
NARS2	NM_001243251	58.5320095	0.765703977	3.67E-06	76.44208626
ANKRD36B	NM_025190	55.86039251	1.305962309	3.58E-05	42.77335733
SRP14	NM_003134	97.09996085	13.75289424	1.42E-05	7.060329205
ISY1	NM_001199469	65.62384623	6.3816555	4.17E-05	10.283201
PSMF1	NM_006814	93.99119317	5.086174717	1.02E-07	18.47974134
ADCK3	NM_020247	51.87732345	7.414139222	0.002980676	6.997079755
BRAF	NM_004333	179.5303847	1.237563972	4.35E-17	145.0675591
PPP2CA	NM_002715	69.60691528	8.278114569	0.000101964	8.408546983
TYK2	NM_003331	97.53711154	8.288510948	2.95E-07	11.76774841
ACYP2	NM_138448	75.38729997	2.142331697	1.41E-06	35.1893687
SUMO2	NM_006937	95.78850885	16.88527273	4.43E-05	5.672902674
HCFC2	NM_013320	76.69875203	3.967819228	3.09E-06	19.33020322
NUTF2	NM_005796	101.5201806	13.37652852	1.84E-06	7.589426541
TTN-AS1	NR_038271	42.59973328	0.677818471	9.47E-05	62.84829214
PDX1	NM_000209	45.22263741	5.029610995	0.003415275	8.991279337
EXOSC8	NM_181503	60.76647581	3.360327328	2.51E-05	18.08349898
TUBE1	NM_016262	58.09485881	4.362234872	0.000142681	13.31768245
TUBA1C	NM_032704	228.2989404	25.83095556	9.09E-14	8.838191833
DBIL5P	NR_024120	84.22773945	7.72380923	8.58E-06	10.90494819
PROSER2	NM_153256	76.26160134	3.926341276	3.40E-06	19.42306997
TBL1XR1	NM_024665	74.02713503	2.198239171	1.39E-06	33.67565095
SLFN5	NM_144975	108.6120173	2.658147391	5.28E-11	40.86004324
ZNF862	NM_001099220	82.91628738	9.07841796	5.86E-06	9.133341046
DLG5	NM_004747	83.35343807	7.819207655	8.73E-06	10.66008754
CDC42EP2	NM_006779	93.99119317	22.01695635	0.000338701	4.269036631
PTGER4	NM_000958	54.98609113	1.008409647	5.67E-06	54.52753382
LOC400684	NR_046201	144.9455024	1.731623928	2.95E-16	83.70495464
ISL1	NM_002202	48.33140508	3.77771147	0.000673985	12.79383179
MTX2	NM_006554	116.1410048	4.004093025	8.03E-10	29.00557106
TNFRSF21	NM_014452	97.09996085	1.812246598	4.06E-09	53.57988308
MAP2K2	NM_030662	123.6699922	16.79251397	1.97E-07	7.364590702
MTX3	NM_001010891	72.71568297	2.787225156	2.19E-06	26.088916
PSMC1	NM_002802	43.47403467	5.627889113	0.003553981	7.724749688
FAM188A	NM_024948	77.57305339	2.296438923	5.27E-07	33.77971546
AP1M1	NM_001130524	68.29546324	12.53950036	0.001152131	5.446426194
VPS37C	NM_017966	62.07792787	9.839151497	0.001062344	6.309276556
ST3GAL6-AS1	NR_046683	66.98401118	3.358212102	1.65E-05	19.9463313
NEURL4	NM_032442	137.4165149	21.53481819	2.66E-07	6.381131881
FAM32A	NM_014077	80.73053395	15.83126698	0.000522405	5.099436075
KDSR	NM_002035	91.31957618	3.622119536	1.14E-07	25.21164067
CCDC136	NM_001201372	87.33650713	7.177564024	1.61E-06	12.16798719
TONSL	NM_013432	208.772033	45.320922	6.46E-09	4.606526605
FLJ37035	NR_033847	52.80033771	6.646153825	0.002092154	7.944495282
VTIIA	NM_145206	130.8105418	3.869354245	1.23E-11	33.80681466
TESK1	NM_006285	80.68182108	17.26044916	0.000996127	4.674375524
INPP1	NM_002194	39.49096561	2.879774499	0.001539619	13.71321457
PYCRL	NM_023078	126.7787599	28.91533687	1.77E-05	4.384481511

SBF2-AS1	NR_036485	103.754647	7.507122171	1.24E-07	13.82082836
MRPL45P2	NR_033934	44.78548671	5.588331666	0.002563948	8.014106783
KCTD10	NM_031954	97.97426223	8.779875625	2.97E-07	11.15895787
TGFB1	NM_000660	83.79058876	11.584027	2.30E-05	7.233286731
DNAJC30	NM_032317	118.8126218	10.66664013	3.17E-08	11.13871101
NXNL1	NM_138454	56.73469387	5.590665273	0.000226721	10.14811138
GRIPAP1	NM_020137	49.20570646	6.070522755	0.001354359	8.105678612
C1orf213	NR_033690	124.5930065	27.41631381	2.62E-05	4.544484256
MAN1A2	NM_006699	83.35343807	1.671240954	1.81E-07	49.87517682
ZNF787	NM_001002836	101.9573313	13.40044683	2.19E-06	7.608502357
KLHDC2	NM_014315	168.4554789	8.299681838	6.70E-14	20.29661886
USP47	NM_001282659	132.5591446	4.800720676	7.18E-11	27.61234271
MBTPS1	NM_003791	92.24259043	6.313634898	2.44E-07	14.61006091
LOXL4	NM_032211	71.40423091	8.828620157	5.01E-05	8.08781323
C9orf156	NM_016481	93.99119317	6.349740132	2.45E-07	14.80236848
NCOA2	NM_006540	120.1240738	2.321745685	1.01E-10	51.73868721
KANK2	NM_001136191	80.68182108	11.18311606	4.56E-05	7.214610008
C15orf39	NM_015492	229.1732418	16.36622382	1.35E-16	14.00281729
CA13	NM_198584	92.67974111	2.263421139	7.69E-09	40.94675071
ZNF18	NM_144680	154.2718054	0.751935218	2.68E-20	205.1663517
CHUK	NM_001278	117.064019	7.54458267	5.47E-09	15.51630145
ESD	NM_001984	58.96916018	2.455901273	1.15E-05	24.01120959
PLIN5	NM_001013706	47.01995303	5.775243979	0.001776749	8.141639244
PMM2	NM_000303	86.46220574	5.435174962	6.82E-07	15.90789742
TICRR	NM_152259	107.737716	5.773587561	5.49E-09	18.6604455
ACTR3C	NM_001164458	51.00302207	1.489948655	0.000133399	34.23139575
ZC3HC1	NM_016478	97.53711154	4.287950545	3.11E-08	22.74679022
FAM103A1	NM_031452	62.51507855	7.070729457	0.000232789	8.841390261
WDR77	NM_024102	98.41141291	4.739535062	1.87E-08	20.76393816
SLC48A1	NM_017842	122.7956908	17.98968775	7.09E-07	6.825893397
RIN3	NM_024832	64.31239418	6.887692679	5.90E-05	9.337291481
ASB1	NM_001040445	93.55404248	9.270419326	2.18E-06	10.09167322
NT5DC3	NM_001031701	134.3077472	5.659216867	2.92E-11	23.73256767
SLC6A17	NM_001010898	93.99119317	7.769635235	7.07E-07	12.09724657
ADPRHL1	NM_199162	80.68182108	11.14910407	4.23E-05	7.236619246
TRIM28	NM_005762	226.5016248	40.10363427	1.50E-10	5.647907701
TTLL2	NM_031949	26.1815935	0.25552554	0.001159156	102.4617482
SMG5	NM_015327	179.5303847	9.484489117	6.54E-14	18.92884081
EIF2S2	NM_003908	121.4842387	10.45922886	6.66E-09	11.61502825
ECH1	NM_001398	60.76647581	9.5294845	0.001478729	6.376680271
GALNS	NM_000512	151.1630377	22.55258752	1.56E-08	6.702691547
CRABP1	NM_004378	48.76855577	3.460194936	0.000413343	14.09416425
NDUFA6-AS1	NR_034118	83.79058876	5.745132783	1.00E-06	14.58462179
ZBTB40	NM_014870	83.35343807	3.914948852	1.97E-07	21.29106694
ERCC6	NM_000124	66.06099693	2.029865819	6.50E-06	32.54451418
IDH3A	NM_005530	78.05891695	4.558920182	1.87E-06	17.12223813
TDRD7	NM_014290	59.84346156	2.762116638	2.64E-05	21.66579816
UBE2D4	NM_015983	143.1968996	7.936758235	1.63E-11	18.04224034
FEZ2	NM_005102	70.04406598	2.660798171	1.38E-06	26.3244566
CAPNS1	NM_001749	100.6458792	15.88312154	1.83E-05	6.336656114
AGPAT6	NM_178819	135.6679122	6.752874862	1.54E-10	20.09039335
BUB1B	NM_001211	75.38729997	1.815053585	6.47E-07	41.53447623
SMU1	NM_018225	46.58280234	6.428803048	0.002538479	7.245952628
AQR	NM_014691	56.78340675	1.009810323	3.84E-06	56.23175506
DECR2	NM_020664	66.93529829	5.528780911	6.84E-05	12.10670116
SMAD4	NM_005359	123.2328415	3.20270352	1.41E-11	38.47775503
TATDN2	NM_014760	166.7068761	7.403042204	1.23E-13	22.5186986
POLR2J	NM_006234	103.754647	11.064667	8.08E-07	9.377114285
GNS	NM_002076	58.5320095	2.849812801	3.92E-05	20.53889627
TMTC2	NM_152588	30.60181325	0.385780366	0.002018581	79.32444463
LMAN2	NM_006816	146.742818	12.23158038	2.64E-10	11.99704481
ACOT8	NM_005469	105.5032497	7.772497655	2.07E-08	13.57391849

FBF1	NM_001080542	270.4128101	17.21388425	1.08E-19	15.70899434
USP24	NM_015306	114.8295527	1.663721143	1.61E-10	69.01971114
GRID1	NM_017551	37.2564993	1.270884832	0.000626277	29.31540165
MAGOH	NM_002370	42.16258261	5.495819997	0.003082994	7.671754648
RPAP1	NM_015540	108.1748666	8.069839475	2.37E-08	13.404835
CLIP2	NM_003388	62.51507855	10.65949434	0.001260617	5.864732096
PDSS1	NM_014317	118.8126218	4.138292981	2.99E-10	28.71053894
TSKU	NM_015516	90.8824255	19.17780203	0.000128293	4.738938557
YRDC	NM_024640	120.1240738	16.54092256	3.75E-07	7.262235425
KLF3-AS1	NR_026804	44.78548671	3.945451348	0.000575924	11.35116943
STXBP3	NM_007269	111.7207851	3.537587983	2.69E-10	31.5810619
PATL1	NM_152716	148.9285714	1.28978655	1.28E-16	115.4676109
RBM15B	NM_013286	94.86549455	21.08161565	0.000295298	4.499915762
TRIM4	NM_033017	48.81726865	7.096906043	0.004620668	6.878669149
FAHD2B	NM_199336	61.2036265	8.36949243	0.00036108	7.312704684
EIF5A2	NM_020390	37.69364998	2.68564166	0.002495009	14.03524921
HSPA13	NM_006948	66.49814761	3.217694155	8.72E-06	20.66639786
CDCA2	NM_152562	82.91628738	3.733058398	9.47E-07	22.21135555
RADIL	NM_018059	62.95222924	6.436623435	9.55E-05	9.780318807
TANC1	NM_033394	168.0183282	4.367059287	5.99E-14	38.47402042
TTC12	NM_017868	95.30264523	2.213096906	5.91E-09	43.06302402
MKI67	NM_001145966	82.91628738	7.397453481	5.26E-06	11.20876091
PI4K2B	NM_018323	87.33650713	2.853755099	2.68E-08	30.6040652
C1GALT1	NM_020156	148.4914208	3.580822128	6.69E-13	41.46852748
RAMP1	NM_005855	62.51507855	8.267027511	0.000360997	7.561977805
PKNOX1	NM_004571	66.49814761	7.714223451	0.000210351	8.620199821
NLN	NM_020726	73.15283366	3.403983766	1.36E-06	21.49035914
TIPIN	NM_001289986	97.09996085	3.441418601	9.19E-09	28.21509735
PBK	NM_001278945	39.9281163	3.395546446	0.001640618	11.75896632
CEP135	NM_025009	43.91118534	1.845742134	0.001004533	23.79053094
FAM227B	NM_152647	23.07282583	0.017266665	0.003750055	1336.264139
RLF	NM_012421	54.11178977	2.648290746	8.97E-05	20.43272245
POLR2A	NM_000937	217.6611853	11.99338814	1.70E-16	18.14843169
STARD5	NM_181900	54.98609113	5.421537457	0.000239699	10.1421583
FAR1	NM_032228	54.11178977	1.415660095	6.08E-05	38.22371626
FGF9	NM_002010	41.67671904	3.413605055	0.00091482	12.20900437
PPP2CB	NM_001009552	111.7207851	2.270568453	2.07E-11	49.20388324
PLCD3	NM_133373	113.0322371	18.47312981	2.48E-06	6.118737769
OBFC1	NM_024928	96.22565948	7.225323983	3.31E-07	13.31783318
ATP5B	NM_001686	192.4026061	11.96773428	1.16E-14	16.07677791
SMNDC1	NM_005871	57.65770813	7.810086819	0.000649238	7.382466989
CYB5B	NM_030579	99.7715779	5.986513577	2.97E-08	16.66605723
FERMT1	NM_017671	102.394482	2.088351847	6.10E-10	49.03124065
LOC344967	NR_027277	125.9044585	4.100158893	3.64E-12	30.70721447
OGFOD1	NM_018233	78.93321834	4.074390907	1.09E-06	19.37301063
ZMYM4	NM_005095	105.9404003	2.488568739	1.53E-09	42.57081538
GRHL2	NM_024915	47.01995303	4.250146729	0.002879962	11.06313641
BEND6	NM_152731	80.2446704	4.687600965	2.48E-06	17.1184943
MTERF4	NM_182501	122.3585401	6.554898417	1.09E-10	18.66673323
DDI2	NM_032341	60.76647581	5.112654393	0.000138931	11.88550431
TVP23C	NM_145301	73.15283366	2.783501165	9.31E-07	26.2808705
ATP1B1	NM_001677	147.6171194	5.964586877	1.94E-12	24.74892603
FAM8A1	NM_016255	53.18877551	7.333745118	0.001105353	7.252607591
DDX59	NM_001031725	99.7715779	2.539517019	4.90E-10	39.28761932
POR	NM_000941	178.6560833	9.395071631	1.81E-13	19.01593626
HSPA9	NM_004134	67.42116185	11.31548982	0.000340132	5.95830697
SNX4	NR_073435	114.8295527	2.347298944	1.00E-10	48.91986724
WDR75	NM_032168	68.73261391	1.042102405	5.46E-07	65.95571952
HEBP2	NM_014320	79.8075197	3.359994	1.23E-07	23.75228042
SETD5	NM_001292043	134.3077472	4.906874395	2.95E-11	27.37134404
RBM15	NM_001201545	83.35343807	16.0471802	0.000340285	5.1942732
CWC22	NM_020943	58.09485881	2.20031601	4.01E-05	26.40296145

CREG1	NM_003851	94.91420746	3.551183568	6.82E-09	26.72748554
ANKS1A	NM_015245	102.394482	5.988636158	3.33E-08	17.0981304
C19orf26	NM_152769	85.10204081	18.84101885	0.000595772	4.516849194
HIATL1	NM_032558	74.02713503	3.91624196	1.33E-06	18.90259483
RANBP10	NM_020850	97.09996085	6.604629232	8.60E-08	14.70180345
RPL30	NM_000989	131.6848432	18.85317254	1.79E-07	6.98475776
MRPS24	NM_032014	68.73261391	15.43884408	0.001954183	4.451927459
DNAH3	NM_017539	41.23956835	3.583508216	0.002224252	11.5081551
EPCAM	NM_002354	68.29546324	5.761838902	1.41E-05	11.85306712
GATAD2B	NM_020699	98.41141291	4.916673666	8.77E-08	20.0158521
RHPN1	NM_052924	146.742818	34.16570259	4.14E-06	4.295032939
ATG2B	NM_018036	37.2564993	1.619019371	0.003314175	23.01176871
CCND1	NM_053056	140.0881319	22.21231129	1.59E-07	6.30677871
EIF4EBP2	NM_004096	76.26160134	8.4496533	1.65E-05	9.025411888
TPTE2P1	NR_026730	37.2564993	0.563824944	0.000185393	66.07813242
LINC00466	NR_038252	64.31239418	1.871978268	8.20E-06	34.35531025
C7orf43	NM_018275	134.3077472	29.41576304	5.90E-06	4.56584271
LIPT2	NM_001144869	161.8007928	1.254099489	3.37E-17	129.0175096
LINC00637	NR_038436	81.11897176	9.972124561	2.03E-05	8.134572654
NAA15	NM_057175	68.29546324	4.23888395	2.77E-05	16.11166148
LOC642852	NR_026943	76.26160134	17.96232865	0.001178619	4.245641132
FAM58A	NM_001130997	66.93529829	5.895808447	7.89E-05	11.35303138
CDK7	NM_001799	46.14565165	3.351270885	0.000523994	13.76959764
CATSPER2P1	NR_002318	129.0132262	4.14627941	3.85E-12	31.11542021
MCM6	NM_005915	75.82445064	5.466737281	3.50E-06	13.87014717
STARD9	NM_020759	70.04406598	5.047064081	1.76E-05	13.87818043
ZFAND3	NM_021943	86.89935644	3.100884992	1.56E-07	28.02405012
ZNF710	NM_198526	59.84346156	9.357392078	0.000663869	6.395314107
NUS1	NM_138459	55.42324183	4.122787774	0.000392683	13.44314694
LINC00657	NR_027451	264.1952748	14.36763069	8.95E-21	18.38822841
SREK1IP1	NM_173829	62.51507855	0.165936577	7.78E-09	376.7407993
JMJD7	NM_001114632	106.8634146	10.76934344	2.94E-07	9.922927545
KCNK6	NM_004823	58.09485881	11.03489315	0.002081801	5.26465078
IMPA2	NM_014214	101.5201806	7.364470466	1.18E-07	13.78512971
PLEKHM3	NM_001080475	119.6869232	2.620411645	8.82E-11	45.67485547
WDR3	NM_006784	25.74444283	0.341452462	0.002668268	75.39685808
THUMPD3-AS1	NR_027007	179.5303847	13.29170612	4.05E-13	13.5069481
C1orf220	NR_033186	41.67671904	1.2649694	6.06E-05	32.94681994
TMEM104	NM_017728	70.52992954	14.96880495	0.000769917	4.711794279
TPST1	NM_003596	120.6099374	2.014441785	5.79E-11	59.87263485
TMEM55A	NM_018710	79.8075197	0.211119615	4.03E-11	378.0203927
RNF114	NM_018683	166.2210125	5.682886712	8.34E-15	29.24939753
MIS18BP1	NM_018353	62.07792787	3.092191708	1.17E-05	20.07570479
PIK3CA	NM_006218	59.40631088	0.43969655	5.88E-07	135.1075211
GTPBP2	NM_019096	94.86549455	17.77229001	5.16E-05	5.337831788
FAM118A	NM_001104595	71.8413816	11.34157185	0.000228767	6.334340823
BTC	NM_001729	51.44017277	3.659575257	0.000159402	14.05632325
CCDC157	NM_001017437	181.764851	15.78908039	3.77E-12	11.51206065
ELL	NM_006532	96.66281017	12.40398413	2.23E-06	7.792884054
ALDH9A1	NM_000696	83.35343807	2.880038208	8.04E-08	28.94178203
ATF6	NM_007348	36.38219793	2.531618928	0.003887188	14.37111941
MED16	NM_005481	98.41141291	24.36387711	0.000371583	4.039234498
ATXN1L	NM_001137675	42.16258261	5.961675402	0.00314887	7.072270757
DEGS1	NM_003676	105.066099	7.025049553	3.62E-08	14.95592283
SRSF9	NM_003769	100.2087285	14.85274636	4.32E-06	6.746814771
C1orf186	NM_001007544	41.67671904	3.758332462	0.001046325	11.08915176
RAB11B	NM_004218	76.69875203	15.75417668	0.000547855	4.868470984
GTF2H2	NM_001515	93.55404248	3.217735749	5.13E-09	29.07449516
CCDC171	NM_173550	60.76647581	0.272630249	1.92E-06	222.8897053
FNBP1	NM_015033	94.42834386	4.198041588	1.63E-07	22.49342744
BLK	NM_001715	37.2564993	2.109989401	0.003392644	17.65719736
ENTPD1-AS1	NR_038444	48.33140508	2.180712989	0.00037348	22.16312065

POLR2J3	NM_001097615	122.3585401	6.742216504	1.21E-09	18.14811791
EMC8	NM_006067	137.4652279	12.73373649	1.69E-09	10.79535673
GCSH	NR_033249	82.4791367	6.091461368	2.25E-06	13.54012309
FSCN1	NM_003088	212.3666642	29.22956041	1.27E-11	7.265475815
FLOT2	NM_004475	97.09996085	13.7548824	4.73E-06	7.059308691
CCDC97	NM_052848	146.742818	16.52861187	3.98E-09	8.878109015
HNRNPUL1	NM_144732	59.84346156	11.38288855	0.001932656	5.257317707
PDCD7	NM_005707	139.6509813	4.220589169	1.70E-13	33.08803006
LOC646626	NR_045484	129.0132262	6.859907481	9.76E-10	18.80684638
FAM122A	NM_138333	94.86549455	1.367257247	1.86E-10	69.38379354
PDS5A	NM_001100399	123.2328415	4.523977407	4.74E-10	27.239933
PCIF1	NM_022104	225.6273234	15.49970673	1.31E-16	14.55687694
PDP2	NM_020786	62.07792787	3.911355883	1.94E-05	15.87120419
C7orf25	NM_024054	81.60483533	8.348593392	8.58E-06	9.774680775
CIT	NM_007174	54.11178977	3.075453604	0.000109782	17.59473455
KIAA0922	NM_015196	98.41141291	5.437831266	1.01E-07	18.0975481
EMC10	NM_206538	154.757669	24.45739262	3.96E-08	6.327643809
MSH3	NM_002439	100.2087285	3.600063073	7.26E-09	27.83527025
A4GALT	NM_017436	62.95222924	11.30178631	0.001075359	5.570113211
DAK	NM_015533	158.6920252	17.5864187	2.82E-10	9.023555499
TMEM189-UBE2V1	NM_199203	140.5252827	12.66260307	2.59E-09	11.09766151
NUP205	NM_015135	65.18669554	1.997470994	6.70E-06	32.63461434
IBA57	NM_001010867	175.1101649	12.7217416	2.11E-12	13.76463777
COMMD2	NM_016094	100.2087285	3.930506122	2.60E-09	25.49512084
C3orf67	NM_198463	118.375471	0.129403433	6.57E-14	914.7784464
ALKBH8	NM_001301010	39.9281163	0.936478753	0.000182942	42.63643589
CASC3	NM_007359	45.22263741	5.215856725	0.002388303	8.670222322
ZFYVE20	NM_022340	54.98609113	5.730483481	0.000412752	9.595366833
PRR14L	NM_173566	143.6340504	5.105869316	4.09E-12	28.13116464
VAC14	NM_018052	61.64077717	9.689916789	0.000401898	6.361331941
ATP6V1G1	NM_004888	72.71568297	7.124256204	2.61E-05	10.2067754
HILPDA	NM_001098786	63.87524348	12.64680764	0.004121111	5.050700959
LOC728613	NR_003713	91.31957618	7.719835858	1.04E-06	11.82921216
HTATSF1	NM_014500	59.40631088	0.928931034	8.25E-07	63.95126084
LOC100131655	NR_040024	134.3077472	5.145323022	5.82E-12	26.10287958
TTC30B	NM_152517	38.13080067	2.684850486	0.001559542	14.20220637
ZDHHC6	NM_022494	184.8736186	0.076182585	2.30E-32	2426.717589
SLC35E2B	NM_001290264	128.1389248	12.67404987	1.43E-08	10.11033774
ZNF593	NM_015871	94.86549455	9.88374981	9.58E-05	9.598127874
UBE2Q2	NM_001145335	49.69157001	2.521588172	0.000279547	19.70645745
TOP2B	NM_001068	45.65978809	1.096666838	4.92E-05	41.63505864
ZPR1	NM_003904	119.6869232	7.442062227	1.09E-09	16.08249428
ARHGAP5-AS1	NR_027263	40.80241766	2.411468498	0.002301394	16.92015371
FAM21EP	NR_038275	43.91118534	2.10604678	0.000870212	20.85005222
SAP30L-AS1	NR_037897	104.1917976	4.508521038	1.62E-08	23.10997259
ZDHHC23	NM_173570	95.30264523	4.634824038	1.88E-08	20.56230063
CHRNA5	NM_000745	132.5591446	2.71396142	2.70E-13	48.84341524
KPNA6	NM_012316	84.66489013	5.525438713	7.90E-07	15.32274531
LOC100131347	NR_036551	57.65770813	7.929221448	0.000893546	7.271547214
ZNF487	NR_026693	59.40631088	3.653924996	2.30E-05	16.25821848
CPNE3	NM_003909	80.2446704	4.868088009	2.05E-06	16.48381669
TRIM62	NM_018207	59.84346156	11.98930463	0.001894717	4.991403872
LOC285074	NR_026846	57.65770813	3.41461315	4.27E-05	16.8855755
SLC30A4	NM_013309	42.59973328	1.397623209	0.000665415	30.48012727
OIP5-AS1	NR_026757	165.3467113	6.760891013	6.95E-14	24.45634916
TMX4	NM_021156	115.7038541	2.063985849	2.03E-11	56.05845319
BRIP1	NM_032043	129.9362404	4.340902631	1.57E-10	29.93300045
ING3	NM_019071	80.68182108	4.19740648	1.06E-06	19.22182697
EFNB2	NM_004093	66.49814761	2.682657674	5.21E-06	24.78815998
ZNF696	NM_030895	87.82237075	19.15785826	0.000382279	4.584143465
URB2	NM_014777	139.6509813	3.242708867	8.10E-13	43.0661484
PGM2L1	NM_173582	62.95222924	2.00735979	1.08E-05	31.3607105

TTC21B	NM_024753	90.8824255	0.436224598	6.63E-11	208.3386079
HSDL1	NM_031463	83.79058876	5.577190841	6.98E-07	15.02379803
CLEC19A	NM_001256720	45.22263741	6.539542219	0.002382459	6.91526041
LINC01278	NR_015353	37.69364998	0.490153349	0.000396704	76.90174939
EGR1	NM_001964	155.1461068	26.4498025	7.95E-08	5.865681106
ATP13A1	NM_020410	116.1410048	17.34494182	1.30E-06	6.695958163
ANKRD32	NM_032290	70.52992954	2.914108757	2.08E-06	24.20291603
LRRC57	NM_153260	100.2087285	3.501446735	8.80E-10	28.61923546
PCNT	NM_006031	109.049168	5.85920152	8.96E-09	18.61160905
DHTKD1	NM_018706	54.54894044	4.043907858	0.000449604	13.48916502
EIF2B1	NM_001414	79.37036901	11.97297914	9.42E-05	6.629124469
MRPL47	NM_177988	68.73261391	1.701335172	3.22E-07	40.39922001
CCNE2	NM_057749	104.2405105	8.697371984	2.01E-07	11.98528827
TEX261	NM_144582	60.76647581	13.20030769	0.003455411	4.603413589
SNHG22	NR_117096	52.75162482	5.970033365	0.00080607	8.836068677
SLC5A6	NR_028323	114.8295527	14.74247546	4.23E-07	7.789027905
PNPT1	NM_033109	68.29546324	0.965921668	1.10E-07	70.70497074
PCNXL2	NM_014801	95.78850885	3.109838183	1.41E-08	30.80176627
TVP23B	NM_016078	137.4165149	5.68237136	2.25E-11	24.18295219
FAM83G	NM_001039999	151.6001885	12.73796228	1.67E-10	11.90144743
TMEM159	NM_020422	84.66489013	3.448009934	1.81E-07	24.55471177
CCNB1	NM_031966	42.59973328	3.461542078	0.002304018	12.30657676
LINC00271	NR_026805	106.8634146	1.431584469	1.20E-09	74.64695024
RTN4R	NM_023004	81.55612244	15.2790815	0.000248665	5.337763426
AKAP8	NM_005858	176.8587677	13.10744421	6.89E-13	13.49300175
GNPTAB	NM_024312	89.57097344	2.693003582	4.64E-08	33.26062172
FAF1	NM_007051	76.26160134	2.207095257	9.49E-07	34.55292702
XXYLT1	NM_152531	78.49606764	7.266243457	2.73E-05	10.8028403
MYCBP2	NM_015057	109.049168	1.667269086	9.46E-10	65.40585975
PDCD5	NM_004708	97.09996085	8.452098199	5.46E-07	11.488267
RSRP1	NM_020317	122.7956908	18.93663547	8.15E-07	6.484556935
KIF5B	NM_004521	203.0403612	6.654288385	5.55E-17	30.51270842
SOD1	NM_000454	119.2497724	12.54508668	6.34E-08	9.505695373
CGB	NM_000737	45.65978809	1.043218024	0.000176913	43.76821244
ETV5	NM_004454	76.69875203	4.000111875	3.95E-06	19.17415173
HNRNPA3	NM_194247	124.1558557	19.02322278	9.27E-07	6.526541646
ZFP91	NM_053023	80.68182108	0.625847725	8.14E-10	128.9160571
DHRX	NM_145177	53.18877551	4.381247299	0.000564161	12.1400989
DTD2	NM_080664	65.18669554	2.775282824	6.23E-06	23.4883072
RPL23A	NM_000984	129.0132262	20.5189463	5.70E-07	6.287517121
PRDX4	NM_006406	58.5320095	3.586266938	0.000134576	16.32115247
KCTD3	NM_016121	82.04198601	0.336842927	1.10E-10	243.5615516
ARF3	NM_001659	122.3585401	7.911702531	7.53E-10	15.46551322
UBAC2-AS1	NR_036532	164.0352591	8.506822791	1.24E-13	19.28278785
SLC8B1	NM_024959	99.33442714	9.139030243	1.98E-07	10.86925248
SLC35G1	NM_153226	147.1799686	4.406539925	6.04E-14	33.40034838
TCTN2	NM_024809	39.9281163	3.701318375	0.001813289	10.78753899
XKR8	NM_018053	121.0470881	15.98319114	2.61E-07	7.573399265
LOC100134868	NR_004846	43.91118534	2.103558229	0.000349076	20.87471824
DDA1	NM_024050	83.79058876	18.69875871	0.000540083	4.481077598
SNW1	NM_012245	46.14565165	4.653480362	0.002492957	9.916373996
C5orf42	NM_023073	121.9213894	1.509804994	1.95E-11	80.75307073
ZNF202	NM_003455	87.77365781	2.526413537	3.67E-09	34.74239531
NHLRC2	NM_198514	71.8413816	5.785671228	1.47E-05	12.41712133
USP53	NM_019050	105.066099	2.419142954	8.73E-10	43.43112455
SRRD	NM_001013694	73.15283366	6.332149474	7.49E-06	11.55260689
LRRC59	NM_018509	131.6848432	13.7569115	1.72E-08	9.572267959
ANKRD39	NM_016466	110.4093329	10.14790318	8.46E-08	10.88001442
MANF	NM_006010	128.1389248	16.22588762	9.55E-08	7.897190451
SPICE1	NM_144718	63.87524348	0.668371718	3.81E-07	95.56844159
TMEM62	NM_024956	115.2667034	4.246077766	1.16E-09	27.14663031
TMLHE	NM_001184797	45.22263741	1.040521762	6.38E-05	43.46150083

F3	NM_001993	74.46428571	6.392092813	1.41E-05	11.6494375
CAND1	NM_018448	54.98609113	3.511100971	8.13E-05	15.6606408
GALNT7	NM_017423	56.73469387	3.890723964	6.02E-05	14.58204036
ADCK5	NM_174922	170.6899452	25.65746114	2.85E-09	6.652643622
ZNF597	NM_152457	39.9281163	2.310109058	0.000465818	17.28408283
DCUN1D1	NM_020640	180.4046861	1.979810077	2.78E-19	91.12221832
TAF5	NM_006951	111.2836343	8.835733737	5.14E-08	12.59472474
HSP90B1	NM_003299	64.31239418	5.333514919	2.49E-05	12.05816336
GPCPD1	NM_019593	63.38937993	1.08820934	6.35E-07	58.25108976
SPPL2B	NM_001077238	71.8413816	16.37547924	0.001759921	4.387131549
LINC00839	NR_026827	40.80241766	0.244475203	9.47E-06	166.8979805
GTF3C4	NM_012204	70.04406598	8.456831522	4.78E-05	8.282542438
SHPK	NM_013276	93.55404248	9.838715169	2.43E-06	9.508766224
NABP2	NM_024068	90.00812411	14.16048698	4.14E-05	6.356287341
ASNA1	NM_004317	64.74954487	8.719316487	0.000369532	7.425988604
PIGB	NM_004855	57.22055744	1.835415083	2.46E-05	31.17581302
SH2D1B	NM_053282	27.49304557	0.85565276	0.001491911	32.13107801
DNTTIP2	NM_014597	46.58280234	2.947530698	0.000908865	15.80400923
MTG2	NM_015666	143.6340504	10.92483615	3.77E-10	13.14747867
SP4	NM_003112	85.10204081	1.273320275	4.33E-08	66.83474886
RNF10	NM_014868	104.1917976	6.429309087	9.86E-08	16.2057534
SCAF11	NM_004719	114.392402	4.402723847	1.67E-09	25.98218874
CCDC23	NM_199342	124.1071429	8.209168481	9.07E-10	15.11811375
UBQLN2	NM_013444	55.86039251	5.437950209	0.000369419	10.27232512
CSNK1G2	NM_001319	102.394482	14.26810225	2.40E-06	7.176461181
ZNF263	NM_005741	74.51299858	11.08883069	0.000187056	6.719644361
NCL	NM_005381	153.8346547	14.74590743	2.42E-10	10.4323627
ZNF252P-AS1	NR_026974	113.9552513	17.11114546	3.44E-06	6.659709113
GLYR1	NM_032569	89.13382275	9.218466555	2.24E-06	9.669050945
NUDCD3	NM_015332	99.33442714	6.557054313	5.18E-08	15.14924574
C15orf38-AP3S2	NM_001199058	43.47403467	6.457209276	0.004855881	6.732635232
TMEM63A	NM_014698	86.46220574	14.31680874	5.62E-05	6.039209386
RARS	NM_002887	129.4503768	2.221175017	4.01E-13	58.28013362
HIAT1	NM_033055	97.97426223	4.221490275	4.30E-08	23.20845385
CREBL2	NM_001310	47.45710371	2.690318328	0.000227716	17.63995852
SDF4	NM_016176	119.2497724	13.10864424	3.89E-08	9.097033245
SDHAP3	NR_003263	77.13590271	4.436377141	1.96E-06	17.38713825
RAD18	NM_020165	83.35343807	3.495204744	1.94E-07	23.84794144
PLD2	NM_002663	109.049168	13.08990419	4.32E-07	8.330784275
PDCD11	NM_014976	121.4842387	12.0970249	5.55E-08	10.04248894
KDELC1	NM_024089	57.22055744	0.815282871	1.69E-06	70.18491309
DESI1	NM_015704	169.3297803	8.114978957	2.23E-13	20.86632402
ZMIZ1	NM_020338	91.75672686	9.963127415	7.32E-06	9.209630977
MGAT2	NM_002408	114.392402	12.18998115	2.58E-07	9.384132799
GREB1L	NM_001142966	50.5658714	2.136709056	0.000201334	23.66530494
ASF1B	NM_018154	145.8685166	17.2234454	5.21E-09	8.469183327
POLR2B	NM_000938	58.5320095	2.967744025	4.26E-05	19.72272845
IARS2	NM_018060	97.09996085	2.12026578	2.98E-09	45.79612697
CDCA8	NM_001256875	61.2036265	8.942123425	0.000469096	6.844417549
C10orf10	NM_007021	99.7715779	15.79977614	1.44E-05	6.314746299
LRRC41	NM_006369	108.6120173	18.89374282	7.74E-06	5.748570749
PRSS22	NM_022119	90.8824255	16.25728888	4.89E-05	5.590257155
CIRH1A	NM_032830	123.2328415	4.486247327	1.11E-10	27.46902533
MYO9A	NM_006901	87.33650713	2.56046609	8.01E-08	34.10961289
BOK-AS1	NR_033346	70.04406598	11.65626987	0.000514836	6.009132147
SAT2	NM_133491	113.0322371	24.71372934	0.000104738	4.573661689
FANCM	NM_020937	47.8942544	2.028113923	0.000270728	23.61516967
NUP88	NM_002532	92.24259043	3.162852408	1.06E-08	29.16436764
MTFMT	NM_139242	136.9793643	4.58159428	2.37E-12	29.89775085
ARFGEF2	NM_006420	211.44365	3.587985915	9.01E-20	58.93101451
RAD21L1	NM_001136566	85.10204081	3.538166047	2.70E-07	24.05258535
QSER1	NM_001076786	98.41141291	2.808479989	7.23E-09	35.04080972

WBP4	NM_007187	76.26160134	3.532015084	1.48E-06	21.59152765
NDUFB7	NM_004146	93.55404248	22.75854217	0.000287909	4.11072211
GPSM2	NM_013296	83.79058876	3.209840634	1.34E-07	26.10428315
ITGB8	NM_002214	27.93019625	0.882376272	0.003382502	31.65338546
ZNF517	NM_213605	126.3416091	18.48322256	4.65E-07	6.835475186
FTSJ2	NM_013393	129.8875276	17.9553698	1.70E-07	7.233909911
CWF19L2	NM_152434	41.67671904	0.774940568	0.000117136	53.78053592
RAB33B	NM_031296	66.06099693	4.218342665	2.49E-05	15.66041504
MIOS	NM_019005	107.3005653	1.47411524	4.04E-11	72.78980799
FAM126A	NM_032581	83.79058876	2.164051831	1.24E-07	38.71930771
SCO1	NM_004589	47.8942544	0.49897132	1.18E-05	95.9859866
KIAA0195	NM_014738	82.4791367	13.53526477	9.66E-05	6.093647824
LIX1L	NM_153713	58.5320095	3.039011035	2.68E-05	19.26021618
ARID5A	NM_212481	102.394482	14.11327819	4.72E-06	7.255187675
ZNF852	NM_001287349	119.2497724	9.112117464	3.09E-09	13.08694416
LINC01232	NR_110731	54.54894044	9.155524835	0.0037428	5.958035331
LGALS1	NM_014181	62.51507855	10.01557846	0.000533353	6.241784118
NFKB1A	NM_020529	155.5832575	21.6844085	2.58E-08	7.174890546
ICMT	NM_012405	158.6920252	15.26000971	2.02E-10	10.39920866
MMP11	NM_005940	109.049168	16.47887181	4.12E-06	6.617514189
LTN1	NM_015565	62.07792787	0.347398531	9.43E-08	178.693697
C7orf26	NM_024067	67.42116185	8.458389046	8.26E-05	7.970922298
PIGL	NM_004278	88.69667206	4.714244423	4.91E-07	18.81461038
LOC100996654	NR_110040	90.4452748	1.416003511	4.28E-09	63.87362328
DDX1	NM_004939	76.26160134	2.933897813	3.46E-07	25.99327113
TAF1D	NM_024116	86.89935644	17.09394401	0.000163958	5.083634087
B3GNTL1	NM_001009905	96.66281017	7.796602501	5.15E-07	12.39806828
RNF11	NM_014372	115.2667034	3.944862795	6.53E-10	29.21944548
FASTKD1	NR_104020	59.40631088	2.74035271	1.93E-05	21.67834478
VPS37B	NM_024667	103.754647	11.13753591	5.06E-07	9.315763178
ALKBH1	NM_006020	50.5658714	3.368292792	0.000136772	15.0123147
KIAA1468	NM_020854	86.02505507	3.326679089	1.19E-07	25.85913843
LOC100505812	NR_040599	49.69157001	4.775352085	0.001764385	10.40584425
ZNF346	NM_012279	132.1219938	6.124590264	3.53E-11	21.57238087
ARHGEF26-AS1	NR_037901	30.16466256	0.830822509	0.001737026	36.30698764
BRCA2	NM_000059	136.9793643	1.652896189	3.15E-13	82.87233355
PRKAR2A	NM_004157	117.064019	3.332102741	1.12E-10	35.13217572
RGS2	NM_002923	117.064019	17.1341442	1.85E-06	6.832206945
CWF19L1	NM_018294	86.46220574	6.050420622	5.77E-07	14.29028015
WDR45B	NM_019613	157.8177238	14.48222046	2.66E-10	10.897343
EHD2	NM_014601	101.0830299	13.50919439	3.55E-06	7.482535746
CCDC137	NM_199287	211.4923628	33.62126208	1.02E-10	6.290434973
TRIM25	NM_005082	143.6340504	10.58403084	1.16E-10	13.5708269
MZT2B	NM_025029	87.77365781	20.19962378	0.000403041	4.345311514
TBL2	NM_012453	122.3585401	15.61554485	1.88E-07	7.835688172
KLHL20	NM_014458	92.24259043	2.632993777	2.09E-08	35.0333492
VASN	NM_138440	181.3277003	30.02965618	3.15E-09	6.038287594
KIAA1919	NM_153369	66.06099693	7.437884466	8.60E-05	8.881691727
PPID	NM_005038	61.64077717	3.67206208	2.67E-05	16.78642023
PKP3	NM_007183	78.49606764	10.02460187	3.88E-05	7.830342654
WWTR1	NM_015472	46.14565165	3.275544527	0.000652094	14.08793294
RPRD1A	NM_018170	62.56379143	3.723813055	1.51E-05	16.80100223
USP22	NM_015276	135.2307615	12.15206866	5.72E-09	11.12820913
AK1	NM_000476	190.6052905	20.92446855	5.05E-12	9.109205811
RAB20	NM_017817	97.53711154	7.419109908	3.25E-07	13.14674034
RBM22	NM_018047	101.9573313	4.304215897	4.14E-09	23.6877828
NR4A2	NM_006186	81.16768465	6.470301898	2.06E-06	12.54465185
ARC	NM_015193	201.2430456	41.36121383	1.71E-08	4.865501443
ABCA3	NM_001089	77.57305339	8.365488304	2.36E-05	9.272985696
DOCK5	NM_024940	101.0830299	0.787220237	2.11E-10	128.4050196
PEX6	NM_000287	79.37036901	18.47213597	0.000904749	4.296761843
ZNF614	NM_025040	69.60691528	1.527533459	2.28E-07	45.56817716

MALT1	NM_173844	81.11897176	3.027616173	3.20E-07	26.79301706
FAM162A	NM_014367	46.58280234	6.513852813	0.00239371	7.151344017
SUDS3	NM_022491	69.60691528	1.321527378	1.11E-06	52.67156505
CDC73	NM_024529	99.7715779	5.588101711	5.25E-08	17.8542881
ERO1LB	NM_019891	49.69157001	1.458038776	0.000237597	34.08110322
COG2	NM_007357	76.26160134	4.330200293	3.71E-06	17.6115644
CCDC57	NM_198082	153.3975041	18.77416902	3.51E-09	8.170668112
BIK	NM_001197	95.73979591	17.96387247	5.11E-05	5.329574459
DDR GK1	NM_023935	134.7936109	17.14451995	3.85E-08	7.862198021
CHD9	NM_025134	80.68182108	1.615580951	4.25E-07	49.9398195
FAM105A	NM_019018	55.86039251	1.46701298	1.82E-05	38.07764025
GINS4	NM_032336	83.35343807	6.437259134	2.70E-06	12.94859137
OSGIN1	NM_182981	119.2984853	15.0501758	1.43E-07	7.926717063
STAG3L2	NR_040584	111.7207851	5.67179642	5.78E-10	19.69760139
SELT	NM_016275	64.31239418	5.20702306	3.37E-05	12.35108688
SRFBP1	NM_152546	41.67671904	0.572562245	6.33E-05	72.78984839
RWDD4	NM_152682	73.15283366	1.616018428	8.80E-08	45.26732641
PTPN9	NM_002833	60.76647581	4.208747722	0.000166296	14.4381369
MRPS9	NM_182640	101.9573313	1.844268914	7.62E-10	55.28333233
NUCB2	NM_005013	38.61666424	1.923451938	0.001687234	20.07675028
GRB2	NM_002086	148.9772843	8.00438005	1.65E-11	18.61197037
AP3S1	NM_001284	60.76647581	3.025795256	2.58E-05	20.08281152
FBXL14	NM_152441	79.8075197	5.429991761	1.54E-06	14.69753974
WBS CR27	NM_152559	62.51507855	9.738777166	0.000563188	6.419191803
ZCCHC8	NM_017612	51.00302207	8.726656143	0.002835994	5.844509195
POFUT1	NM_172236	90.00812411	14.37840211	2.94E-05	6.259953188
KPNA2	NM_002266	150.7745999	16.67745787	7.83E-10	9.040622443
LOC646719	NR_046262	175.1101649	14.53515976	4.35E-12	12.04735055
TMEM184C	NM_018241	82.4791367	3.246188751	2.35E-07	25.40799166
ZNF496	NM_032752	97.53711154	5.776677027	4.11E-08	16.88463992
BAIAP2L1	NM_018842	65.62384623	5.846109936	5.51E-05	11.2252159
CHURC1-FNTB	NM_001202559	61.2036265	6.085060389	0.00017944	10.05801464
NME5	NM_003551	41.67671904	3.522101061	0.00081924	11.83291402
TUBB6	NM_032525	101.0830299	12.934629	2.58E-06	7.814915285
RBM42	NM_024321	111.2836343	18.32723833	5.67E-06	6.072035092
NOP56	NR_027700	160.9264914	40.19587362	4.75E-06	4.003557503
RUVBL1	NM_003707	93.99119317	5.25959254	9.43E-08	17.87043244
BNIP3	NM_004052	62.51507855	5.014542877	3.77E-05	12.46675521
MSH2	NM_001258281	71.8413816	3.981598729	2.42E-06	18.04335055
HADHA	NM_000182	85.58790438	4.094972856	5.91E-07	20.90072569
TMEM221	NM_001190844	58.09485881	9.449354636	0.002289264	6.148023971
TOPBP1	NM_007027	125.4673077	2.711830151	6.50E-12	46.26665415
EAF2	NM_018456	59.40631088	2.457309637	1.98E-05	24.17534607
CPOX	NM_000097	142.3225982	11.48081689	2.23E-10	12.39655675
C16orf58	NM_022744	108.1748666	9.140708394	8.60E-08	11.83440735
CRTC2	NM_181715	88.2108085	12.39914578	1.56E-05	7.114264973
XPO4	NM_022459	119.2497724	2.264277972	5.20E-11	52.66569471
RFX1	NM_002918	85.10204081	14.22882484	5.86E-05	5.980960606
C1QBP	NM_001212	117.5011696	10.58089611	3.41E-08	11.10503009
SPTLC2	NM_004863	45.22263741	1.598903988	0.000556694	28.2835228
NRBP2	NM_178564	152.0373391	21.37181685	2.04E-08	7.11391737
NIPAL2	NM_024759	94.4770567	2.961008719	1.61E-08	31.90705116
OSTM1	NM_014028	104.1917976	4.154046192	8.13E-09	25.08200265
SMG1P3	NR_027155	89.57097344	1.999022263	2.23E-08	44.80739163
MED19	NM_153450	70.52992954	9.860888623	0.00010194	7.152492259
CCDC174	NM_016474	123.2328415	5.314884718	3.41E-10	23.18636208
XRCC2	NM_005431	66.49814761	6.003646167	3.82E-05	11.0762936
TTPA	NM_000370	97.97426223	0.88492161	4.56E-11	110.7151878
TPCN2	NM_139075	87.33650713	10.99477594	9.36E-06	7.943454931
COTL1	NM_021149	206.5862795	14.94950233	3.90E-14	13.81894026
TMEM43	NM_024334	62.51507855	13.90327281	0.002729409	4.496428964
ZZEF1	NM_015113	64.74954487	6.552289378	5.75E-05	9.881972717

LOC101929431	NR_120660	99.7715779	1.727489845	1.07E-10	57.75523267
NOMO3	NM_001004067	57.22055744	3.17429813	4.71E-05	18.02620771
TMEM42	NM_144638	86.89935644	15.11151895	0.000212072	5.750537501
EEF1E1-BLOC1S5	NR_037618	66.06099693	2.895258459	7.81E-06	22.81696017
SFXN1	NM_022754	61.2036265	6.171098534	0.000152678	9.91778468
ZNF75A	NM_153028	83.35343807	7.771845067	2.70E-06	10.72505143
FAM76B	NM_144664	83.79058876	3.102712513	2.79E-07	27.00559217
AKAP5	NM_004857	42.55102041	4.156550546	0.002216951	10.23709923
PIK3AP1	NM_152309	101.0830299	5.341760396	5.11E-08	18.9231681
SFT2D1	NM_145169	97.53711154	5.090244128	2.30E-08	19.16157832
HDAC3	NM_003883	72.71568297	8.843190308	0.000154378	8.222788432
HMGNA4	NM_006353	45.22263741	5.993059395	0.004861181	7.545835011
PCGF3	NM_006315	72.71568297	9.746257206	0.000254055	7.460882822
DDX24	NM_020414	123.2328415	7.50055703	1.16E-09	16.42982528
SMYD2	NM_020197	70.48121666	2.277584448	1.44E-06	30.94559972
NPHP3	NM_153240	66.06099693	2.574540661	4.74E-06	25.6593333
KLF13	NM_015995	70.48121666	9.876384428	0.000244647	7.136337915
FAM50A	NM_004699	66.49814761	9.754662753	0.000261751	6.8170627
CALR	NM_004343	222.5185558	40.74160549	2.25E-10	5.461703168
CYP2U1	NM_183075	58.09485881	2.046063747	1.58E-05	28.39347449
MET	NM_000245	51.87732345	5.672778223	0.000952322	9.144958857
RPS3A	NM_001267699	150.7258871	14.38339594	4.90E-10	10.47915858
PRH1-PRR4	NR_037918	126.3416091	2.438655219	3.29E-11	51.8079014
LOC389831	NM_001242480	215.9125827	4.788063459	3.60E-20	45.09392671
MOAP1	NM_022151	105.066099	11.43055325	6.17E-07	9.191689736
GNPTG	NM_032520	68.73261391	16.87605669	0.002289867	4.072788755
DUSP11	NM_003584	66.06099693	3.506342599	1.68E-05	18.84042847
SLC25A33	NM_032315	144.5083517	5.975691008	1.45E-12	24.18270147
SCAND2P	NR_003654	62.07792787	8.302804936	0.000642289	7.476741697
FAM210B	NM_080821	81.55612244	8.724902991	8.75E-06	9.347510515
PCSK7	NM_004716	119.2497724	10.23423289	1.37E-08	11.65204796
FOSB	NM_001114171	62.51507855	14.9512735	0.00474227	4.181254431
LAPTM4A	NM_014713	48.33140508	3.562810617	0.000930191	13.56552741
TSEN54	NM_207346	111.7207851	21.77410659	1.73E-05	5.130900989
SLC35F6	NM_017877	64.31239418	15.65584027	0.004033329	4.107885178
TTBK2	NM_173500	70.96708023	2.324792947	2.62E-06	30.52619387
ZNF280C	NM_017666	44.34833603	1.897622058	0.000502583	23.37047878
AHR	NM_001621	136.5422136	2.721341174	2.58E-13	50.17460322
DKFZP434I0714	NR_033797	64.74954487	6.922663759	0.000166562	9.353270233
RAB12	NM_001025300	56.73469387	3.88246797	0.000193002	14.61304879
FBXO46	NM_001080469	79.37036901	11.00081476	3.68E-05	7.214953687
MORC3	NM_015358	79.37036901	2.652977586	2.28E-07	29.91746686
CA8	NM_004056	76.26160134	0.98419816	2.27E-08	77.48602311
OSBPL7	NM_145798	96.22565948	22.68535853	0.000305643	4.241751761
PYURF	NM_032906	110.4093329	9.494475092	8.85E-08	11.628798
THOC3	NM_032361	93.11689181	6.184057916	6.12E-08	15.05757111
FAM102A	NM_001035254	89.13382275	18.74870459	0.000277398	4.754132337
OXSR1	NM_005109	58.96916018	4.900120468	0.000164473	12.03422662
RBM33	NM_053043	87.33650713	3.420758809	6.90E-08	25.53132565
APPL1	NM_012096	71.8413816	2.891491351	1.47E-06	24.84578816
SPIRE2	NM_032451	122.3585401	17.93830182	7.33E-07	6.821077117
TYMSOS	NM_001012716	165.3467113	12.99714125	9.41E-12	12.72177535
MEX3C	NM_016626	62.95222924	3.388930244	7.03E-06	18.57584096
RPL11	NM_000975	118.375471	24.44927013	2.10E-05	4.841677089
ARSJ	NM_024590	35.02203299	1.178592388	0.000904848	29.7151359
POLA1	NM_016937	70.91836734	1.663469216	2.76E-06	42.6328102
GPR157	NM_024980	88.64795919	8.912494801	6.63E-06	9.946480886
FAM188B	NM_032222	73.15283366	6.271340796	9.91E-06	11.66462421
DECR1	NM_001359	111.7207851	2.729174736	1.35E-10	40.93573914
RNPC3	NM_017619	54.54894044	1.690696513	3.70E-05	32.26418225
RNMTL1	NM_018146	66.49814761	9.557128989	0.000377898	6.957962761
CCDC122	NM_144974	73.15283366	2.125317661	5.34E-07	34.41971758

TMTC3	NM_181783	64.74954487	4.365207009	4.43E-05	14.83309835
HEG1	NM_020733	53.18877551	4.077380464	0.000102502	13.04483994
USP45	NM_001080481	112.1579357	2.569466477	2.58E-10	43.65028177
TNFRSF10A	NM_003844	57.65770813	7.431448598	0.000959486	7.758609559
SMKR1	NM_001195243	86.89935644	7.833281927	4.51E-06	11.09360767
VPS4A	NM_013245	139.6509813	21.21090085	5.09E-08	6.583925044
EHD4	NM_139265	93.55404248	8.109956006	8.18E-07	11.53570283
B4GALT7	NM_007255	125.0301571	25.16160954	4.93E-06	4.969084228
LRRC58	NM_001099678	195.9485244	3.740832878	1.10E-19	52.38098861
SNX27	NM_030918	83.35343807	3.213474146	1.86E-07	25.93872995
APLF	NM_173545	45.65978809	0.620119384	4.80E-05	73.63064155
TXNDC17	NM_032731	97.09996085	16.88902967	6.00E-05	5.749291864
WIPF3	NM_001080529	40.80241766	4.115491158	0.002150221	9.914349488
SARS	NR_034072	44.8341996	3.175508548	0.000246078	14.11874631
DKK1	NM_012242	153.8346547	18.68123837	1.98E-09	8.234713978
ITFG2	NM_018463	99.7715779	9.35830448	3.17E-07	10.66128786
C14orf142	NM_032490	74.07584791	1.651633465	4.86E-08	44.85005267
TUBB2A	NM_001069	154.7089561	29.44439144	2.75E-07	5.254275893
MAP3K14	NM_003954	73.15283366	10.52791068	0.000147615	6.948466401
ROR2	NM_004560	62.07792787	4.173979834	1.88E-05	14.87259889
LOC389247	NR_033995	70.91836734	3.612606677	1.62E-06	19.63080227
PAK1IP1	NM_017906	48.76855577	2.39138116	0.000111043	20.39346825
CCDC109B	NM_017918	65.18669554	2.636060208	8.53E-06	24.72883409
ARHGAP18	NM_033515	59.40631088	4.350075228	0.000171241	13.65638702
C6orf57	NM_145267	135.6679122	3.511442967	1.08E-12	38.63594355
TRUB2	NM_015679	112.1579357	9.727810748	3.04E-08	11.52961736
ZBTB25	NM_006977	92.24259043	7.166354223	5.03E-07	12.87162029
TMEM261	NM_033428	62.95222924	4.657227305	5.79E-05	13.51710473
KLHL26	NM_018316	73.58998434	13.64843126	0.000422168	5.391827303
C19orf24	NM_017914	158.6920252	23.37333515	1.59E-08	6.789447212
TCP10L	NM_144659	42.11386972	4.835073481	0.002737795	8.71007853
ATG2A	NM_015104	113.5181006	16.96844896	7.92E-07	6.689951499
FAHD2CP	NR_003698	78.93321834	7.758121998	4.83E-06	10.17426877
FMNL2	NM_052905	68.29546324	2.951003473	5.65E-06	23.14313211
C6orf147	NR_027005	54.54894044	5.878430899	0.000445716	9.27950696
DYRK3	NM_003582	126.7787599	4.977814991	4.52E-11	25.4687569
LDLRAP1	NM_015627	90.4452748	17.23361898	5.59E-05	5.248188143
ABHD13	NM_032859	122.3585401	2.134472955	9.35E-13	57.32494282
TMEM38B	NM_018112	65.62384623	1.178056747	4.32E-06	55.70516566
IFT52	NM_016004	97.09996085	3.817643364	4.83E-08	25.434529
IDII	NM_004508	58.09485881	11.04286902	0.002070979	5.260848308
IFNGR1	NM_000416	52.80033771	3.690700736	0.000546481	14.30631782
HDHD2	NM_032124	101.0830299	2.506696973	1.35E-09	40.32518928
NUCKS1	NM_022731	112.5950864	10.03991772	9.78E-08	11.21474194
PSMA2	NM_002787	40.80241766	2.671756234	0.001071988	15.27175913
GPR89B	NM_016334	110.8464837	2.520071486	1.81E-10	43.98545212
C11orf84	NM_138471	176.421617	15.25555676	5.33E-12	11.56441681
SLBP	NM_006527	150.7258871	10.74797632	5.91E-11	14.0236527
SBF1	NM_002972	84.66489013	20.15218301	0.000427331	4.201276363
ARL2-SNX15	NR_037650	94.42834386	11.72573553	2.60E-06	8.053084909
SMG7-AS1	NR_040063	53.67463907	1.493134767	7.32E-06	35.94761857
GMPS	NM_003875	63.38937993	3.009130836	1.33E-05	21.06567756
IRF1	NM_002198	183.5134537	18.00609122	1.12E-11	10.19174298
NIPAL1	NM_207330	67.42116185	0.96199965	1.46E-07	70.08439336
REXO1	NM_020695	119.2497724	22.16484193	3.48E-06	5.380131869
UCK2	NM_012474	66.93529829	3.778206641	8.39E-06	17.71615601
ST14	NM_021978	133.4334458	8.540299382	2.11E-10	15.62397755
RFX7	NM_022841	31.47611462	1.251491768	0.002045189	25.15087628
TOX4	NM_014828	62.07792787	5.143317876	5.47E-05	12.06962692
SPTY2D1	NM_194285	54.98609113	4.480482831	0.000368855	12.27235841
MTCP1	NM_001018025	49.64285714	4.082427923	0.000449168	12.16013071
WNT9A	NM_003395	141.399584	15.01692099	5.98E-09	9.416017042

ZNF740	NM_001004304	84.22773945	17.91005448	0.000456927	4.702818718
NEU3	NM_006656	69.1697646	7.153291219	7.58E-05	9.669641914
C3orf80	NM_001168214	87.77365781	1.321628954	1.58E-09	66.41323764
PI4KAP2	NR_003700	56.73469387	8.954674899	0.001052213	6.33576255
ERH	NM_004450	105.5519625	5.188506245	2.15E-09	20.34342015
ULK4	NM_017886	43.47403467	0.71651273	0.000166296	60.67447628
HNRNPA0	NM_006805	119.2497724	25.74386051	3.31E-05	4.632163556
PAPSS1	NM_005443	77.13590271	3.066875663	7.05E-07	25.15129767
MED28	NM_025205	104.6289483	3.977677634	1.34E-09	26.30402911
CDK8	NM_001260	55.86039251	0.798405681	3.95E-06	69.96492366
HOOK3	NM_032410	106.377551	0.662895054	1.56E-11	160.4741964
RNF126	NM_194460	84.22773945	20.13708938	0.001346269	4.182716671
DDX50	NM_024045	54.54894044	4.47216202	0.000440443	12.1974428
ARPP19	NM_006628	111.7207851	5.689739298	5.78E-09	19.63548402
RNF123	NM_022064	105.9404003	25.74226479	0.000101181	4.115426564
GAS2L3	NM_174942	71.40423091	2.21202065	1.30E-06	32.28009237
FLJ36777	NR_027441	66.49814761	3.0742114	1.85E-06	21.63096123
CBX6	NM_014292	120.5612245	16.46964741	2.68E-07	7.320206769
SPPL2A	NM_032802	183.5134537	2.645695512	4.59E-18	69.3630287
ATP6V0E1	NM_003945	59.89217444	6.556731335	0.000155615	9.134456085
LRRK1	NM_024652	88.2108085	4.9470067	5.46E-07	17.83114798
ISY1-RAB43	NM_001204890	65.62384623	7.884937455	0.000219052	8.322684435
RNASEH2A	NM_006397	82.4791367	14.70616278	0.000113369	5.608474348
THBS1	NM_003246	44.34833603	3.367921379	0.000329475	13.16786559
ZNF572	NM_152412	136.1050629	12.03376699	1.58E-09	11.31026245
TRIP11	NM_004239	88.2108085	2.968958632	4.39E-08	29.71102647
PGGT1B	NM_005023	80.2446704	0.675268813	1.77E-09	118.8336687
MCOLN2	NM_153259	54.98609113	2.651530059	8.68E-05	20.73749492
RPS6KA2	NM_021135	41.67671904	3.700527609	0.001234809	11.26237214
C19orf43	NM_024038	232.2820095	13.79903147	4.26E-18	16.83321108
PDAP1	NM_014891	114.8295527	16.51733363	1.69E-06	6.95206353
ST7-OT4	NR_002329	114.392402	3.152564628	6.37E-12	36.28550576
RAB40B	NM_006822	62.95222924	7.719723957	0.000339197	8.154725426
ZNF720	NM_001130913	77.57305339	2.379468146	3.43E-07	32.60100519
VEZF1	NM_007146	195.0255102	11.16034022	3.99E-15	17.4748714
CLC	NM_001828	30.60181325	1.433431787	0.002907308	21.34863586
WDR61	NM_025234	126.7787599	5.347410904	9.39E-11	23.708438
ADIPOQ-AS1	NR_046662	38.13080067	3.930694095	0.004236656	9.70078051
KIAA1279	NM_015634	66.98401118	5.311582966	3.49E-05	12.61093192
CPNE2	NM_152727	77.57305339	9.854687768	8.62E-05	7.871690633
BOPI	NM_015201	123.2328415	18.19734221	6.26E-07	6.772024179
SETD2	NM_014159	87.77365781	2.388208071	6.07E-08	36.75293575
LOC101929259	NR_120424	45.22263741	5.664492412	0.004078768	7.98352864
APOBEC3C	NM_014508	89.13382275	11.82493302	1.37E-05	7.537786693
NRBP1	NM_013392	154.7089561	12.2933353	8.81E-11	12.58478292
GET4	NM_015949	118.8126218	14.06712876	2.08E-07	8.446117458
GTPBP4	NM_012341	104.1917976	6.935850946	7.50E-08	15.02220829
SLC45A1	NM_001080397	72.71568297	9.297791431	0.000200371	7.820747917
LOC101926913	NR_110185	41.67671904	3.953086558	0.001122341	10.54282987
CDK17	NM_002595	69.1697646	2.334801444	4.32E-06	29.62554472
MKX-AS1	NR_121652	37.2564993	1.134503322	0.001601353	32.83948012
C11orf87	NM_207645	21.2755102	0.20416	0.003228011	104.2099833
INTS6-AS1	NR_103812	121.9213894	24.23041754	4.75E-05	5.031749421
IPO13	NM_014652	86.46220574	14.86497123	0.000137987	5.816506766
AGO4	NM_017629	52.75162482	1.672549062	0.000112557	31.53965765
YY1	NM_003403	95.30264523	6.359114389	1.04E-07	14.98677951
LRRC40	NM_017768	48.76855577	1.186657185	0.00020145	41.09742594
MDGA1	NM_153487	52.31447414	9.113761104	0.003151851	5.740162984
CRISPLD2	NM_031476	109.5350315	11.89864966	2.58E-07	9.205669102
CHST3	NM_004273	71.40423091	11.76573599	0.00025031	6.068828245
NTSR1	NM_002531	80.2446704	17.2651064	0.000471155	4.647794721
ABCC1	NM_004996	83.79058876	6.421688476	1.88E-06	13.0480619

KCNQ1OT1	NR_002728	101.5201806	5.772244333	2.59E-08	17.58764438
GBA2	NM_020944	110.4093329	18.12440381	2.83E-06	6.091749778
KDM5A	NM_001042603	53.67463907	4.26362248	0.000520123	12.58897553
TMEM150C	NM_001080506	39.00510204	3.686159774	0.002054244	10.58150065
PHF13	NM_153812	70.04406598	14.40102454	0.00125286	4.863825195
RANBP17	NM_022897	54.54894044	1.209006895	1.25E-05	45.11880011
CEP250	NM_007186	110.8464837	6.686895342	2.09E-08	16.57667393
LOC101927067	NR_125410	39.00510204	3.068190785	0.001691463	12.71273685
PHKA2	NM_000292	41.67671904	1.097012789	0.000116685	37.99109678
RBM3	NM_006743	55.86039251	12.80821338	0.004979101	4.361294652
RECK	NM_021111	117.9383204	4.378043927	1.08E-09	26.93858773
PRRX2	NM_016307	55.86039251	11.59997693	0.003246387	4.815560654
CEP83-AS1	NR_027035	142.759749	5.982309722	4.96E-12	23.8636506
FUBP3	NM_003934	112.1579357	7.13636491	2.23E-08	15.71639583
ZMPSTE24	NM_005857	62.51507855	4.641956932	6.80E-05	13.46739737
ATAD5	NM_024857	113.0322371	4.795929177	1.62E-09	23.56837078
EFCAB7	NM_032437	82.91628738	2.425884661	9.44E-08	34.17981436
LINC00662	NR_027301	36.38219793	0.264763816	3.43E-05	137.4137843
LATS2	NM_014572	64.74954487	5.503239687	5.27E-05	11.76571412
B3GNT2	NM_006577	118.8126218	9.309644117	1.30E-08	12.76231618
PHLPP1	NM_194449	41.67671904	2.042840289	0.001204006	20.40135945
CWC15	NM_016403	58.09485881	5.434838864	0.000118535	10.68934338
VAMP3	NM_004781	58.96916018	9.568388925	0.001171519	6.162914221
PARP1	NM_001618	86.89935644	8.605765159	3.96E-06	10.09780709
SFXN2	NM_178858	85.1507537	12.37658972	4.69E-05	6.879985169
DYNC1LI1	NM_016141	95.73979591	4.530177176	4.58E-08	21.13378621
DARS-AS1	NR_110200	105.9891132	2.333286418	4.12E-11	45.42481902
ATP8B1	NM_005603	54.98609113	3.169375698	0.000107416	17.34918683
DOT1L	NM_032482	169.7669309	18.54945959	2.29E-10	9.15212274
LOC100130691	NR_026966	75.82445064	3.827053626	7.72E-07	19.81274841
WWC2	NM_024949	69.60691528	2.600640105	5.25E-06	26.76530103
LSM7	NM_016199	90.4452748	16.58065747	6.80E-05	5.454866608
SLC15A4	NM_145648	34.14773161	0.802686334	0.00044866	42.54181263
DENND6A	NM_152678	160.0521901	3.288153373	4.50E-15	48.67540285
LOC101926895	NR_120372	83.35343807	6.453527573	1.67E-06	12.91594978
LGALS3BP	NM_005567	109.5350315	20.52399314	1.11E-05	5.336925947
AAK1	NM_014911	80.2446704	4.03211079	4.90E-07	19.90140514
AKIRIN2	NM_018064	80.2446704	5.846005131	1.60E-06	13.72641121
ILKAP	NM_030768	98.41141291	9.187950461	1.46E-06	10.71092115
KLHL18	NM_025010	62.95222924	3.658136327	1.41E-05	17.20882537
SLC25A43	NM_145305	63.38937993	0.864353121	3.69E-07	73.33736453
TXNL4A	NM_006701	126.7787599	9.193769644	1.57E-09	13.7896385
RPS12	NM_001016	148.05427	30.24857294	1.10E-06	4.894586939
C19orf10	NM_019107	100.6458792	13.71403554	6.66E-06	7.338895902
FEM1B	NM_015322	148.4914208	8.378029121	1.07E-11	17.72390841
EAPP	NM_018453	79.37036901	2.191371453	5.47E-08	36.21949574
DLAT	NM_001931	52.75162482	4.43783482	0.000756792	11.88679321
RIBC2	NM_015653	82.91628738	13.13224669	7.22E-05	6.313945308
ANXA4	NM_001153	151.6001885	5.183035183	8.73E-13	29.24930723
TGS1	NM_024831	103.754647	2.03209483	6.57E-10	51.05797496
DCPS	NM_014026	101.0830299	7.003997788	1.84E-07	14.43219044
ACAA2	NM_006111	66.06099693	1.501926716	1.77E-06	43.98416796
FNBP4	NM_015308	48.76855577	4.872268139	0.001471955	10.00941541
PGAM1	NM_002629	118.8126218	14.11601164	1.65E-07	8.416869069
FKBP15	NM_015258	62.07792787	1.873694802	9.03E-06	33.13129107
NT5M	NM_020201	120.1240738	4.701551675	3.09E-10	25.54987845
OARD1	NM_145063	105.066099	2.894401883	5.52E-11	36.29976182
ANKRD52	NM_173595	107.737716	15.40186449	2.04E-06	6.995108683
ETHE1	NM_014297	179.0932339	10.25781994	1.32E-13	17.45919065
CCDC25	NM_018246	132.1219938	3.700156268	1.22E-11	35.70713891
NDUFS4	NM_002495	72.71568297	1.033394038	1.31E-07	70.36588201
TRIM59	NM_173084	54.11178977	9.173442059	0.003966205	5.898744378

PLK3	NM_004073	178.2189327	33.28767728	3.11E-08	5.353901119
CBR4	NM_032783	46.58280234	3.512295569	0.00041347	13.26277969
ZNF215	NM_013250	44.34833603	1.943622355	0.000357199	22.8173626
HS3ST3B1	NM_006041	62.95222924	2.437249635	9.35E-06	25.82920861
SLC35E3	NM_018656	72.71568297	5.227672377	7.55E-06	13.90976284
CDKN2AIP	NM_017632	66.06099693	7.719406236	0.000230261	8.557782154
MTCH2	NM_014342	97.53711154	6.73720004	2.11E-07	14.4773958
E2F1	NM_005225	98.41141291	23.12544046	0.000270833	4.255547612
SNTB2	NM_006750	126.3416091	2.366407075	1.50E-11	53.38963464
ANKDD1A	NM_182703	64.74954487	7.387335805	0.000198662	8.764938616
GLB1L2	NM_138342	53.18877551	3.304386546	7.88E-05	16.0964145
CENPF	NM_016343	80.68182108	1.95255142	1.83E-07	41.32122732
CNTNAP3B	NM_001201380	27.49304557	0.164333813	0.002751734	167.2999917
TMEM238	NM_001190764	137.8536657	26.34346551	1.60E-06	5.232935872
PARM1	NM_015393	54.54894044	2.226036622	9.53E-05	24.50496093
ELOF1	NM_032377	88.25952138	16.66351407	0.000101845	5.296573161
MFSD6	NM_017694	70.91836734	3.287897429	2.39E-06	21.56951939
DHX37	NM_032656	112.1579357	10.09978266	1.06E-07	11.10498508
DNAJB2	NM_001039550	87.77365781	17.77148805	0.000131653	4.939015663
UXT-AS1	NR_028119	73.58998434	5.562723362	2.90E-05	13.22912889
PHTF1	NM_006608	36.8193486	3.233256854	0.003562528	11.38769676
SMC5	NM_015110	129.8875276	2.310923261	5.44E-12	56.20590252
STRN	NM_003162	55.86039251	1.614880557	4.79E-05	34.59103663
VCPIP1	NM_025054	128.1389248	4.063928362	2.55E-11	31.53080305
C1orf74	NM_152485	80.2446704	13.63262488	0.000230088	5.886223019
FAM208B	NM_017782	81.11897176	3.501179022	3.47E-07	23.16904427
FZD4	NM_012193	91.31957618	5.739236156	1.36E-07	15.91145123
STAMBPL1	NM_020799	60.76647581	3.489972128	2.20E-05	17.41173671
PAXIP1	NM_007349	41.23956835	2.701736	0.001876371	15.26409995
DPY19L1	NM_015283	120.5612245	2.173671998	4.25E-11	55.46431319
PSMB7	NM_002799	62.51507855	6.089332965	8.92E-05	10.2663262
KCNG1	NM_002237	97.53711154	7.92801597	1.88E-07	12.30283994
EIF3M	NM_006360	75.38729997	4.767968444	3.33E-06	15.81119944
MVB12B	NM_001011703	56.29754319	6.334102921	0.000292699	8.888005751
FAM49A	NM_030797	27.49304557	0.352804385	0.002805055	77.92716513
LINC01137	NR_038842	45.22263741	5.08784859	0.00203895	8.888361477
DYM	NM_017653	76.26160134	2.430510537	9.36E-07	31.37678285
GMCL1P1	NR_003281	43.91118534	4.39618492	0.002699544	9.988475494
EIF2S3	NM_001415	81.11897176	3.798957272	9.09E-07	21.35295713
ENPP4	NM_014936	45.22263741	3.178873703	0.000320701	14.22599374
NPC2	NM_006432	33.71058093	3.368967156	0.004376246	10.00620646
SAMD4B	NM_018028	59.40631088	9.091160653	0.000608743	6.534513375
BAZ1B	NM_032408	124.1071429	5.412705791	3.61E-10	22.92885437
ERP44	NM_015051	110.8464837	3.399337342	4.65E-10	32.60826229
HFM1	NM_001017975	28.8532105	0.162375452	0.002107591	177.6944123
KAZALD1	NM_030929	158.740738	36.99362765	1.16E-06	4.291029243
APMAP	NM_020531	137.8536657	4.27318989	2.33E-12	32.260131
NUFIP2	NM_020772	126.7787599	8.881609539	9.98E-10	14.2743001
RHPN2	NM_033103	117.0153061	5.109507842	1.19E-09	22.90148283
KMT2B	NM_014727	95.30264523	16.79516461	3.07E-05	5.674409714
PLBD1-AS1	NR_120465	38.56795136	1.427242728	0.002822269	27.02269951
AGK	NM_018238	173.3128494	1.324181454	2.88E-17	130.8830061
ZNF321P	NR_037805	42.59973328	3.990390568	0.003011876	10.67557989
SOX9	NM_000346	113.5181006	20.50862871	5.47E-06	5.53513851
SKA1	NM_001039535	68.73261391	3.849322607	1.03E-05	17.85576865
SPEN	NM_015001	109.4863187	5.584596514	7.78E-09	19.60505444
UBE2Q1	NM_017582	113.4693878	12.54416031	2.45E-07	9.045594521
RALB	NM_002881	57.65770813	3.926020332	0.000226388	14.6860442
SNHG11	NR_003239	115.7038541	17.04392775	2.49E-06	6.788567506
DDB1	NM_001923	73.15283366	9.456411826	0.000128009	7.735791863
ZW10	NM_004724	61.2036265	1.45914921	1.07E-05	41.94473469
HIP1R	NM_003959	109.9234694	19.69562201	8.18E-06	5.581111849

CHAC2	NM_001008708	76.69875203	7.247984966	1.63E-05	10.58207935
PNRC2	NM_017761	130.7618289	15.85847221	3.00E-08	8.245550215
NHEJ1	NM_024782	136.5422136	4.756263973	1.64E-11	28.70787122
MED31	NM_016060	68.73261391	3.601195637	2.56E-06	19.08605387
C5orf15	NM_020199	70.04406598	4.723147542	4.19E-06	14.8299551
TAF8	NM_138572	115.2667034	6.650075427	6.36E-09	17.33314225
ATXN7L2	NM_153340	90.00812411	17.7936111	8.85E-05	5.058451802
NAA50	NM_025146	129.8875276	4.531273678	2.03E-11	28.66468388
MYO10	NM_012334	112.5950864	1.273952635	2.96E-11	88.3824746
GPR125	NM_145290	85.10204081	0.989682035	4.12E-09	85.98927511
SPC24	NM_182513	106.8634146	16.7222138	5.37E-06	6.390506419
HINT2	NM_032593	127.2646234	23.93480943	4.71E-06	5.317135437
PCNX	NM_014982	99.28571429	3.841944958	7.26E-09	25.84256552
SCAI	NM_173690	106.377551	4.160365874	1.71E-08	25.56927786
MAL2	NM_052886	95.30264523	2.330791163	3.72E-09	40.88853895
ARPC4-TTLL3	NM_001198793	121.4842387	12.3084798	5.26E-08	9.869962877
ZBTB11	NM_014415	47.45710371	3.223464454	0.000226483	14.72239089
EIF3F	NM_003754	82.04198601	6.17465526	1.07E-06	13.28689337
LRRC47	NM_020710	177.2959184	10.85648947	1.53E-13	16.33087001
RAB38	NM_022337	55.86039251	0.916273808	2.14E-06	60.96473786
DNAJC25-GNG10	NM_004125	249.5744506	6.582580099	3.35E-22	37.91438111
GBAP1	NR_002188	70.96708023	13.68048697	0.000533353	5.187467405
PISD	NM_014338	105.5032497	22.78390822	6.78E-05	4.630603697
DNAJC3	NM_006260	122.7956908	2.313084981	2.65E-11	53.08741003
LSM14B	NM_144703	79.8075197	16.22357665	0.000320657	4.919230909
CNOT6	NM_015455	106.4262639	3.077222142	1.13E-09	34.5851742
TMEM180	NM_024789	106.4262639	20.96747784	2.95E-05	5.075778054
EXOSC6	NM_058219	111.7207851	21.43664442	6.79E-05	5.211673192
FAM117A	NM_030802	132.5591446	11.05609507	2.46E-09	11.98968928
PCNXL4	NM_022495	67.85831254	3.259541841	2.97E-06	20.8183591
FBXO42	NM_018994	91.36828904	4.884089309	2.68E-07	18.70733381
EGLN3	NM_022073	119.2497724	2.453282605	2.65E-12	48.60824928
WASL	NM_003941	109.4863187	2.38650293	3.39E-10	45.87730328
TTLL5	NM_015072	70.04406598	2.589871323	2.99E-06	27.04538459
GEMIN6	NM_024775	51.44017277	4.217332328	0.000382652	12.19732494
UVSSA	NM_020894	107.3005653	9.737385282	1.77E-07	11.01944333
TMEM183A	NM_138391	97.53711154	5.406961501	8.82E-08	18.03917256
LPCAT3	NM_005768	105.5032497	9.307361938	3.01E-07	11.33546222
USP12	NM_182488	141.399584	3.078086909	7.52E-13	45.93748915
LOC100128568	NR_046376	101.0830299	10.86176342	1.02E-06	9.306318509
LRP4	NM_002334	62.07792787	5.985260755	8.88E-05	10.37180006
COG3	NM_031431	119.6869232	3.17280674	4.03E-11	37.72272722
LOC646762	NR_024278	86.89935644	2.788124031	4.29E-08	31.16767958
COMMD1	NM_152516	101.9573313	2.445790465	3.48E-09	41.68686269
CRADD	NM_003805	55.86039251	3.955726528	6.11E-05	14.12139897
ENDOD1	NM_015036	48.81726865	2.71361256	0.000256722	17.98977104
MSANTD4	NM_032424	72.71568297	6.366476321	3.02E-05	11.42165294
ANKS6	NM_173551	48.76855577	5.87440134	0.001571808	8.301876727
PAG1	NM_018440	96.66281017	3.981992719	1.20E-08	24.27498416

Sheet4: Pausing genes in HMBA treated HCT116 cells expressing shAFF1 and shAFF4 (shAFF1+4)

Symbol	Gene ID	Promoter RPK	Gene Body RPK	pValue	Pause Ratio(TR)
RFX5	NM_001025603	63.8638001	9.869511507	0.000396809	6.470816722
MRPS12	NM_021107	164.0220179	14.9492628	6.06E-11	10.97191347
APTX	NR_036579	165.0549929	7.459126789	1.15E-14	22.1279243
HFE	NM_139008	72.5186893	10.64624728	0.000254369	6.811666818
MEST	NM_001253902	51.94951438	6.919821296	0.002100935	7.50734913
PLD3	NM_001031696	73.71213579	13.52660516	0.000327304	5.449418749
NUDT15	NM_018283	170.0593965	14.18151246	9.56E-13	11.99162621
TRMT1	NM_017722	72.67916077	5.312223502	1.36E-05	13.68149528
CALU	NM_001199672	192.6945215	6.208854867	1.90E-17	31.03543658
LMLN	NR_026787	211.6791608	3.812741408	4.71E-20	55.51888736
NUDT4	NM_001301022	83.56047148	7.785160257	3.02E-06	10.7333014
TMEM222	NM_032125	132.4110608	14.20768288	5.86E-09	9.319680203
MGST1	NM_001260512	140.032975	3.17523536	6.63E-15	44.10160481
CHCHD3	NM_017812	162.9890429	4.842896454	2.64E-14	33.65528139
OCIAD1	NM_001079840	80.62201792	4.957619773	8.92E-07	16.26224309
MUTYH	NM_001293190	180.9407072	23.7060405	6.06E-11	7.632683629
TRMT1L	NM_001202423	89.4373786	3.677216691	1.08E-07	24.32203106
ENSA	NM_207044	219.6220179	11.39100065	4.84E-19	19.28030949
RBM10	NM_001204466	149.0088072	7.956952978	1.62E-12	18.72686788
AFF4	NM_014423	217.5560679	7.535058134	7.28E-19	28.87251352
WRNIP1	NM_020135	57.8264215	8.284957517	0.000703728	6.979688354
HMGN3	NM_001201363	138.2879679	6.070908326	1.06E-11	22.77879363
SYT17	NM_016524	56.79344649	6.706241344	0.000242198	8.468744796
PUF60	NM_078480	110.3274965	21.93828626	1.78E-05	5.028993383
EPT1	NM_033505	267.2791608	5.416079784	2.19E-25	49.34919193
CHST7	NM_019886	145.0373786	4.0728044	2.01E-14	35.61118196
C6orf52	NR_026736	51.94951438	5.45124545	0.000553156	9.529843199
TAF1C	NM_139353	156.0791608	13.68008806	2.33E-11	11.40922194
IDNK	NR_046422	116.5253465	14.13905664	1.99E-07	8.241380562
YY1AP1	NM_001198906	99.44618576	8.69389208	8.16E-08	11.43862666
FDXR	NM_024417	341.7033286	28.18026115	1.16E-24	12.12562676
GORAB	NR_027397	115.3319	4.668829431	9.12E-11	24.70253021
ST3GAL3	NR_073021	110.3274965	5.773626927	2.21E-09	19.10887175
ATP5G3	NM_001689	246.3890429	21.89294729	3.99E-17	11.25426557
GUSB	NM_000181	105.4835644	14.24613765	2.11E-06	7.404362288
PDCD6	NR_073609	134.1560679	13.26761935	9.30E-10	10.11154031
ARNTL2	NM_001248005	48.69011787	4.811997446	0.001350045	10.11848373
CXorf40B	NM_001013845	62.67035361	3.387273189	3.77E-06	18.50171218
CPSF3L	NM_001256460	115.3319	22.18147794	1.06E-05	5.199468691
GSTT2B	NM_001080843	329.9495144	72.97599912	3.97E-13	4.521342885
NPM1	NM_002520	152.9802357	18.4736027	5.01E-10	8.281017961
CD320	NM_016579	215.6505893	28.25191332	1.60E-12	7.633132203
GPR126	NM_001032394	90.47035361	2.547898776	1.42E-08	35.50782883
FERMT2	NM_001134999	87.37142857	3.711387399	2.70E-08	23.54144668
ZNF384	NM_001135734	60.76487506	12.13761471	0.004012653	5.00632756
C1orf131	NM_001300830	237.4132108	8.129164249	1.99E-22	29.20511918
RAE1	NM_003610	69.74070721	9.781205454	0.000282048	7.130072826
MORF4L2	NM_001142429	60.76487506	8.154141585	0.000282048	7.452025995
GAB1	NM_207123	98.41321075	3.56803359	4.35E-09	27.58191824
LIPT1	NM_001204830	215.4901179	10.16196828	1.05E-18	21.20554915
DYX1C1-CCPG1	NR_037923	83.56047148	3.961738217	1.25E-07	21.09187102
PLSCR3	NM_020360	129.1516643	26.50328148	5.31E-06	4.873044283
NEK2	NM_002497	184.7516643	6.817565441	1.45E-17	27.0993606
STK10	NM_005990	116.3648751	7.716572142	4.17E-09	15.07986615
GPRC5B	NM_016235	117.2373786	7.295988391	1.09E-09	16.06874522
CDC27	NM_001293091	160.0505893	6.717907374	1.91E-13	23.82447099
GOLT1B	NM_016072	51.07701085	1.430429859	2.13E-05	35.70745571
SERF1A	NM_021967	329.7890429	31.51696455	6.82E-22	10.46385804
ERBB2IP	NM_001253701	36.93630363	3.202172097	0.003441496	11.53476531
PRKAG1	NM_002733	186.8176143	16.09182052	2.50E-13	11.60947663

STXBP2	NR_073560	81.49452145	10.25850096	7.86E-06	7.94409649
PHF7	NM_016483	191.6615464	14.21701736	2.30E-14	13.48113613
ELP4	NM_001288725	162.9890429	2.45393245	1.25E-15	66.41953118
ZNF281	NM_001281293	140.032975	4.358634949	2.85E-14	32.12771352
TUBD1	NM_001193612	103.5780858	12.62283084	1.25E-06	8.205614661
FIS1	NM_016068	184.9121358	13.87501068	3.81E-14	13.32699052
FN1	NM_212476	59.57142857	4.554209429	0.00011909	13.08052023
AMPD3	NM_001025389	51.07701085	9.39087803	0.002707069	5.439002688
ITPR2	NM_002223	213.5846393	3.607634694	2.42E-20	59.20351073
FAM200B	NM_001145191	232.5692786	8.944134328	8.46E-22	26.0024358
SLC43A3	NM_199329	58.69892504	8.07038459	0.000385271	7.273373949
PTK2B	NM_173176	61.79785007	6.286074407	7.50E-05	9.830912915
COX10-AS1	NR_049718	183.8791608	5.120409064	1.39E-17	35.91102947
ADIPOR1	NM_001290629	53.69452145	11.98891598	0.004047979	4.478680268
PRIMPOL	NM_152683	119.1428571	4.300317944	7.89E-11	27.70559263
MMP24-AS1	NR_102706	217.5560679	31.86960881	3.30E-11	6.826442997
ALG9	NM_001077691	131.3780858	5.174171075	1.51E-11	25.39113684
CCNB2	NM_004701	205.6417822	10.41747563	3.26E-17	19.74007806
C1RL	NM_001297640	73.71213579	14.57223303	0.000734525	5.05839672
SERTAD1	NM_013376	149.1692786	26.30997912	9.70E-08	5.669684417
ANAPC11	NM_016476	141.386893	26.68667085	5.05E-07	5.29803413
OGT	NM_181673	184.7516643	3.214510047	1.48E-18	57.4742843
NEDD4L	NM_015277	45.75166431	6.075127913	0.002605142	7.530979589
PPIP5K1	NM_001130859	55.76047148	9.095478512	0.000905751	6.130570415
CCDC59	NM_014167	110.3274965	0.665695748	3.70E-16	165.732614
PLAGL1	NM_001289049	72.67916077	4.144987544	9.29E-06	17.53422899
MOCS2	NM_176806	191.6615464	4.804416504	6.13E-20	39.89278329
TDP1	NM_001008744	231.3758322	7.352585495	2.81E-20	31.4686354
ST6GALNAC4	NM_175040	125.1802357	7.29181115	6.16E-11	17.16723502
TBCK	NM_001163437	187.8505893	2.847636851	3.78E-18	65.96718583
TOMM34	NM_006809	157.1121358	14.72831075	3.23E-11	10.66735612
FAS	NR_028036	72.67916077	5.416794493	6.11E-06	13.41737459
CDC25C	NM_001287582	126.3736822	5.461767139	2.94E-11	23.13787443
CLYBL	NR_104592	180.9407072	5.503451783	6.53E-16	32.87767648
ATF2	NR_045768	102.3846393	2.935756386	7.80E-10	34.8750461
POMT1	NM_007171	92.37583215	13.58470126	1.03E-05	6.799989957
TPM4	NM_001145160	115.3319	15.51871472	5.32E-07	7.431794588
CCT8	NM_001282909	134.1560679	7.874488689	5.90E-11	17.03679733
RPAIN	NR_027685	115.3319	22.17115993	1.08E-05	5.201888419
BIRC6	NM_016252	89.59785007	3.763856238	3.90E-08	23.80480135
NDC1	NM_018087	93.56927864	5.297155703	6.36E-08	17.66406047
MRPS18C	NM_001297767	133.2835644	9.985032814	1.01E-10	13.34833514
COL4A5	NM_000495	49.72309288	1.457521501	0.000276003	34.11482634
SAMHD1	NM_015474	149.1692786	5.977450002	2.08E-13	24.95533691
ERGIC3	NM_198398	153.1407072	11.19857879	4.87E-12	13.6750127
CTSL	NM_145918	185.9451108	13.94012775	3.53E-14	13.33883836
UPF2	NM_080599	41.78023574	3.828696301	0.000992264	10.91239222
ATP5G2	NM_005176	63.70332862	13.34776305	0.001970485	4.772584618
YIPF1	NR_036640	75.77808581	6.701753555	1.25E-05	11.30720269
ACAD9	NR_033426	109.6154644	12.27672719	3.84E-07	8.928720394
HDAC11-AS1	NR_046690	132.2505893	13.03245305	2.99E-09	10.14778944
LINC00909	NR_024484	112.3934465	21.11788669	7.75E-06	5.322191948
CHDH	NM_018397	104.4505893	9.415646861	1.26E-07	11.09329936
TCEB1	NM_001204857	165.0549929	10.26087001	1.54E-13	16.08586725
KPNA3	NM_002267	109.2945215	3.704696291	2.38E-10	29.5016144
ARL4A	NM_001195396	113.26595	27.52708548	4.90E-05	4.114709132
RFXANK	NM_001278727	181.9736822	16.65482035	5.09E-13	10.92618704
PRADC1	NM_032319	140.1934465	19.923153	3.53E-08	7.036709825
GALNT18	NM_198516	149.3297501	7.3565856	6.25E-12	20.29878509
KDELR3	NM_016657	177.8417822	15.57750428	9.75E-13	11.41657732
TNPO3	NM_012470	350.6791608	5.961843206	1.55E-32	58.82059435
ATG5	NM_004849	172.9978501	3.8611612	9.23E-16	44.80461734

ZGPAT	NM_181485	70.61321075	5.901709755	7.01E-06	11.96487352
CFLAR	NM_001202517	124.3077322	8.965454934	4.44E-10	13.86518957
LOC644656	NR_036539	196.8264215	38.16923403	1.83E-07	5.15667727
ZNF518A	NM_014803	186.9780858	6.976626094	1.11E-16	26.80064594
EPC1	NR_104159	137.2549929	30.37229587	1.28E-05	4.519085206
B4GALT4	NM_003778	189.9165394	5.838381365	1.80E-17	32.52897122
AGPAT9	NM_032717	159.0176143	3.87137281	8.22E-15	41.07525215
NUDT16P1	NR_027766	155.9186893	24.28376233	8.43E-09	6.420697385
LOC100507053	NR_037884	221.5274965	2.719295457	8.42E-22	81.46503385
CENPBD1P1	NR_026052	148.2967751	21.59988736	6.99E-09	6.865627244
STK33	NM_001289059	55.92094295	2.067414756	4.11E-05	27.04872972
OGG1	NM_016828	55.92094295	11.87152463	0.002323649	4.710510628
FGD5-AS1	NR_046254	144.0044036	7.055903535	6.16E-13	20.40906638
PSMB3	NR_104194	116.3648751	13.83233659	9.48E-08	8.412524835
TMEM9B	NM_001286095	190.7890429	12.55699091	7.95E-15	15.19385052
ZNF101	NM_033204	141.2264215	5.919075075	4.98E-13	23.85954219
LINC01128	NR_047526	194.7604715	5.378532081	1.34E-19	36.21071112
SCAMP5	NM_001178111	82.52749646	7.853143417	3.16E-06	10.50884876
UPF3B	NM_080632	115.3319	4.802135491	7.06E-11	24.01679425
UBTD1	NM_024954	65.76927864	8.607136096	0.000171557	7.641249994
SPCS2	NM_014752	139.1604715	5.120514097	3.23E-13	27.17705075
ALG13	NM_001257230	140.032975	2.551205686	5.08E-14	54.88893969
UBE2E1	NM_182666	52.66154644	3.976277693	0.000143233	13.24393076
CISH	NM_013324	189.7560679	16.11660754	1.57E-13	11.77394606
DCUN1D4	NM_001287757	74.58463932	7.948080783	2.99E-05	9.383981034
NUDT1	NM_198949	236.3802357	20.9059339	4.80E-17	11.3068489
DDX12P	NR_033399	156.0791608	12.60536862	1.12E-11	12.38195926
DCLRE1A	NM_001271816	61.95832155	4.073033341	2.98E-05	15.21183756
ZNF324	NM_014347	174.9033286	18.34173798	5.53E-12	9.535810011
HOOK2	NM_001100176	76.49011787	18.42141466	0.001139951	4.152239081
ZFP2	NM_030613	86.49892504	3.189879244	2.09E-08	27.11667697
FXYD5	NM_001164605	75.61761433	10.43610741	6.85E-05	7.245768117
TMEM218	NM_001258238	46.78463932	6.113784058	0.001787957	7.652321194
DAG1	NM_004393	117.2373786	11.1245201	1.94E-08	10.53864594
VPS13C	NM_017684	145.1978501	1.489485148	2.68E-14	97.48190524
NDUFA9	NM_005002	116.3648751	3.38858601	7.68E-11	34.34024537
BOD1	NM_001159651	40.74726073	3.156743121	0.003230861	12.9080065
CCDC14	NM_022757	188.7230929	3.034178534	8.92E-19	62.19907325
APAF1	NM_013229	146.2308251	4.007790694	4.14E-13	36.4866422
SPINK2	NR_073417	87.53190005	2.535238382	4.02E-09	34.52610242
CTF1	NM_001142544	98.41321075	15.63428742	1.39E-05	6.294703949
CCNA2	NM_001237	195.7934465	6.197007989	5.78E-20	31.59483525
RHOT1	NM_001288755	115.1714286	5.55024457	7.57E-10	20.75069434
TARBP1	NM_005646	147.1033286	4.572006759	4.75E-13	32.17478372
TEC	NM_003215	315.8088072	4.551138604	3.67E-30	69.39116442
RNFT2	NM_032814	86.49892504	8.88470938	3.13E-06	9.735706745
PRPF40A	NM_017892	173.8703536	4.849469002	3.72E-16	35.85348283
RRP12	NM_015179	95.47475719	7.754289169	3.55E-07	12.31250926
HINT3	NM_138571	61.79785007	4.350611047	3.65E-05	14.20440701
SLC37A4	NM_001164278	144.1648751	29.58475147	5.96E-07	4.87294528
HSPA14	NM_016299	103.5780858	7.680338032	4.29E-08	13.48613634
SPHK1	NM_021972	134.3165394	24.26146868	1.34E-06	5.536208099
MEIS3	NM_001301059	63.54285714	12.55520388	0.002218476	5.061077283
LINC00883	NR_028301	196.66595	6.048250993	9.38E-20	32.51616877
CCNO	NM_021147	171.0923715	42.2669623	1.73E-06	4.047898458
NCK1-AS1	NR_110175	199.7648751	5.265959199	8.76E-20	37.93513537
CTNBL1	NM_001281495	101.3516643	5.317929561	2.51E-08	19.0584819
LOC554206	NR_038379	138.1274965	27.57528878	3.48E-05	5.009104259
LOC283922	NR_026950	167.9934465	11.27570247	1.55E-13	14.89871224
PLAUR	NM_001005377	147.1033286	10.77352805	6.65E-11	13.65414634
UPP1	NM_001287426	111.3604715	11.53395845	1.34E-07	9.6550089
PCMTD1	NM_001286782	112.232975	3.113170948	8.82E-11	36.0510158

SEC14L1	NM_001039573	88.40440358	9.385404701	1.60E-06	9.419349128
TBC1D14	NM_001113361	151.0747572	9.066344033	2.57E-12	16.66325
JDP2	NM_001135047	63.70332862	9.167518078	0.000283077	6.948808618
SPIN2B	NM_001282462	113.26595	10.89826638	6.20E-08	10.39302455
RBM39	NR_040724	148.1363036	11.75396519	8.82E-11	12.60309191
NAPB	NM_022080	81.65499293	4.920914764	6.31E-07	16.59345809
CARD10	NM_014550	50.75606789	8.460819723	0.002441823	5.998953949
LOC100507506	NR_103764	236.5407072	4.741559013	1.89E-24	49.88669477
SC5D	NM_006918	180.9407072	4.400390561	1.03E-17	41.1192381
LRCH1	NM_001164211	70.61321075	5.232633203	1.25E-05	13.49477558
DSN1	NM_001145318	125.3407072	7.858495921	1.21E-10	15.94970698
PACSIN3	NM_016223	68.7077322	15.30351458	0.001689323	4.489670123
MOCS1	NM_001075098	130.1846393	6.468901474	3.87E-11	20.12469039
NQO2	NM_001290222	291.9802357	12.516115	4.01E-25	23.32834396
RINL	NM_198445	62.67035361	12.74665324	0.001872508	4.916612418
MAGT1	NM_032121	68.7077322	3.634252083	2.54E-06	18.90560441
ZSWIM5	NM_020883	64.57583215	3.734109534	6.53E-06	17.29350239
SRR	NM_021947	201.8308251	15.29723208	1.60E-15	13.19394411
RPL22	NM_000983	134.1560679	13.71638442	3.08E-09	9.780716532
HHLA3	NM_001036645	209.7736822	6.719003685	2.63E-20	31.22095061
SLC35A2	NM_001282647	119.1428571	14.63536258	1.30E-07	8.140751996
GLYCTK	NR_026699	121.5297501	5.826407543	2.82E-11	20.85843622
LOC101929574	NR_120661	48.69011787	4.379359425	0.000328899	11.11809129
RBAK-RBAKDN	NM_001204513	158.1451108	8.124321078	7.30E-13	19.46564018
API5	NM_001142930	191.6615464	4.532850581	4.29E-19	42.28278498
PHOSPHO2	NM_001199288	191.8220179	4.170839302	1.19E-20	45.99122719
ZNF182	NM_006962	101.3516643	1.920837302	9.17E-11	52.76431492
PSRC1	NM_032636	115.3319	17.61830498	1.03E-06	6.546140515
MOB1B	NM_173468	108.4220179	3.910347928	2.21E-09	27.72694909
DROSHA	NM_013235	125.1802357	5.707996681	7.67E-11	21.93067774
ZCCHC17	NM_001282571	177.8417822	6.321988696	3.25E-15	28.1306707
TLE3	NM_020908	171.8044036	7.572589642	9.74E-15	22.68766851
SAR1A	NM_020150	126.2132108	8.001160654	6.63E-10	15.77436277
OGDH	NM_001003941	250.520943	9.750106592	3.15E-21	25.69417479
SAMD5	NM_001030060	161.0835644	5.631158363	1.30E-14	28.60575995
TBRG4	NM_199122	125.3407072	15.95864364	6.94E-08	7.85409525
NBAS	NR_052013	112.3934465	2.811659584	2.23E-10	39.97405914
OSGIN2	NM_004337	127.2461858	11.02830432	8.09E-10	11.53814603
CYHR1	NM_032687	217.7165394	49.2975557	3.51E-08	4.416375949
GALNT3	NM_004482	74.58463932	2.090869325	3.06E-07	35.67159287
PMS2	NM_000535	248.4549929	7.025343978	2.36E-23	35.36552711
MTDH	NM_178812	143.1319	8.092178591	1.27E-11	17.68768428
SSB	NM_003142	192.6945215	5.020789098	5.55E-20	38.37932996
ENOSF1	NM_001126123	127.0857143	14.07222657	1.37E-08	9.030959927
CCDC47	NM_020198	183.7186893	11.26215862	2.49E-14	16.31291971
GEM	NM_181702	268.3121358	13.34483484	9.15E-23	20.10606643
XIAP	NM_001167	81.49452145	3.810791152	5.81E-07	21.38519751
ZNF76	NM_003427	129.1516643	7.589959155	1.27E-10	17.01612112
ETNK1	NM_018638	286.2638001	2.478794449	2.53E-31	115.48509
PRDM5	NM_001300823	54.72749646	2.333505295	8.12E-05	23.45291291
INO80C	NM_001098817	152.1077322	6.993316057	3.43E-13	21.75044442
CARS	NM_001014437	117.3978501	9.50192333	1.67E-08	12.35516705
SRSF1	NR_034041	238.7671287	27.2169023	4.88E-15	8.772751802
ZC3H11A	NM_014827	84.59344649	6.475709929	4.33E-07	13.06319267
SMPDL3A	NM_006714	79.74951438	8.578819075	5.38E-06	9.296094682
RANBP3	NM_003624	102.5451108	9.626861277	3.55E-07	10.65197761
TMEM186	NM_015421	80.62201792	18.05565501	0.000879157	4.465194858
CCDC69	NM_015621	126.3736822	6.26458028	2.41E-10	20.17272931
MATN1-AS1	NR_034182	201.6703536	15.76756456	1.37E-15	12.79020313
RBBP8	NM_203291	127.2461858	2.973194141	1.51E-12	42.7978059
ATP2C1	NM_001199183	81.49452145	3.348732185	1.12E-07	24.33593281
PDLIM5	NR_046186	267.1186893	15.84080564	7.20E-22	16.86269596

SKP1	NM_170679	253.298925	9.110016572	1.09E-22	27.80444174
SCMH1	NM_001172218	54.72749646	5.478780784	0.000455147	9.988991826
TM2D3	NM_025141	139.320943	3.721847412	1.35E-14	37.43327641
GLTSCR2	NM_015710	198.7319	15.92892858	1.41E-14	12.47616241
HCCS	NM_005333	147.9758322	4.524548968	5.14E-15	32.70510126
CMTR2	NM_018348	118.4308251	20.25849366	3.03E-06	5.845983766
TPD52L2	NR_045090	127.2461858	15.62162668	2.46E-08	8.145514443
BIN1	NM_139348	54.72749646	9.584197906	0.001589777	5.710180132
DLST	NM_001933	176.9692786	12.39544158	6.38E-14	14.27696444
PSMA1	NM_148976	159.8901179	4.376644772	2.73E-14	36.53257831
RNF138P1	NR_001575	47.97808581	6.302588926	0.001712655	7.612440915
MTIF3	NM_152912	135.1890429	10.48985649	4.28E-10	12.88759699
EIF3D	NM_003753	151.0747572	18.08401969	6.69E-10	8.354047375
LINC00152	NR_024205	70.61321075	8.217487865	5.27E-05	8.593041074
CLASRP	NM_007056	199.7648751	13.21062924	9.11E-16	15.12152611
TMC4	NM_001145303	178.8747572	26.86210566	3.51E-10	6.658999835
AKR1E2	NM_001271021	57.8264215	7.154389293	0.000684318	8.082649564
BANK1	NM_017935	160.0505893	1.555563403	1.49E-15	102.8891456
SMG1P5	NR_002453	207.8682037	4.431729054	7.86E-20	46.90453797
CRB3	NM_174881	97.54070721	2.157344162	2.03E-10	45.21332708
MADD	NM_003682	142.098925	8.993260479	1.04E-11	15.8006015
CAPN1	NM_001198868	50.75606789	9.010739738	0.002501911	5.632841406
PSMC3IP	NM_001256016	157.1121358	29.69771291	7.12E-08	5.290378296
CCDC61	NM_001267723	193.7274965	7.186848499	3.71E-18	26.95583419
ZNF619	NM_001145083	104.4505893	8.60442332	3.08E-08	12.13917371
DHRS4L1	NR_102689	222.5604715	11.18637919	1.22E-18	19.89566666
PRPF3	NM_004698	169.0264215	8.114080423	8.81E-15	20.83124799
SECISBP2L	NM_014701	142.098925	3.810895414	3.66E-13	37.28754259
SLC35A3	NM_012243	277.2879679	2.957268996	9.39E-29	93.76487844
TRMT10B	NM_001286953	124.3077322	11.09855683	1.49E-09	11.20035101
TMEM126B	NM_001256547	146.0703536	3.562306322	3.13E-16	41.00443375
LSM4	NM_001252129	100.4791608	19.08361794	2.09E-05	5.265205011
HEATR5B	NM_019024	117.3978501	3.955787391	3.61E-10	29.67749236
ZSCAN22	NM_181846	300.9560679	5.566840414	3.52E-32	54.0622769
PDK4	NM_002612	42.81321075	4.632211232	0.002604518	9.242499663
IDS	NM_006123	203.5758322	6.126524621	5.48E-20	33.22859937
MON1B	NM_014940	120.3363036	10.59445849	3.82E-09	11.35841948
PPCDC	NR_125369	194.7604715	13.22163993	2.38E-15	14.73043227
FAM46C	NM_017709	272.1230929	9.444272166	2.73E-24	28.81355896
C11orf49	NR_103471	125.1802357	4.600750333	8.82E-11	27.20865656
IKBIP	NM_201612	60.052843	6.753932796	0.000426412	8.891536948
ARHGAP29	NM_004815	173.8703536	3.382084462	1.23E-17	51.4092287
EPHB3	NM_004443	192.6945215	9.115661707	1.05E-16	21.13884078
CFL2	NR_028131	143.2923715	17.62340772	7.81E-09	8.130798188
PARP14	NM_017554	64.73630363	5.426316075	3.23E-05	11.93006503
IST1	NM_001270979	192.6945215	10.20523262	6.72E-16	18.88193328
ATE1	NM_001288734	235.5077322	4.415827491	1.85E-21	53.33263871
ZNF480	NM_001297625	52.82201792	6.172225203	0.00062297	8.558018572
SYK	NM_001174168	56.63297501	5.458915357	0.000235701	10.37440065
TTLL4	NM_014640	185.7846393	6.95709899	2.29E-16	26.70432598
ICE1	NM_015325	74.58463932	3.904324482	6.78E-07	19.1030842
CLPX	NM_006660	129.3121358	7.704536277	1.23E-10	16.78389602
UBA52	NM_001033930	181.8132108	32.56150654	4.05E-09	5.583685463
IBTK	NM_015525	140.353918	3.485277134	8.74E-14	40.27051869
SEC16A	NM_014866	196.66595	14.15380131	3.19E-15	13.89492093
RPS27L	NM_015920	253.298925	6.321251013	6.44E-27	40.07101197
CCDC9	NM_015603	90.47035361	11.5915079	7.46E-06	7.804882196
TCERG1	NM_001040006	109.2945215	2.885063228	1.19E-10	37.88288603
STIM1	NM_001277962	101.3516643	5.252693874	2.67E-08	19.29517819
TK1	NM_003258	190.7890429	39.7663845	5.22E-09	4.797746773
MYEOV	NM_001300923	174.9033286	36.788926	1.02E-07	4.754238507
TMEM9	NM_001288565	59.73190005	12.86041386	0.003929496	4.644632801

MRI1	NM_001031727	57.66595002	9.389226459	0.001691235	6.141714685
ETV4	NM_001986	113.26595	18.3182628	1.34E-06	6.183225519
MALL	NM_005434	100.4791608	14.69560649	2.36E-06	6.837360595
MGRN1	NR_102267	195.7934465	8.958577425	5.46E-17	21.85541713
CNOT7	NM_013354	205.6417822	8.515750815	1.11E-18	24.14840296
MIEF1	NM_019008	99.44618576	13.24486993	1.40E-06	7.508279528
GOLM1	NM_177937	71.64618576	7.710496247	5.32E-05	9.292033024
ATP5S	NM_001003803	157.9846393	10.23709349	1.37E-12	15.4325678
DYSF	NM_001130982	79.5890429	6.812619389	2.09E-06	11.68259055
SLC35A1	NM_006416	265.3736822	7.10600224	5.46E-25	37.34500402
ZDHHC4	NM_018106	281.098925	13.33901683	1.94E-24	21.07343657
C6orf203	NM_001142470	196.66595	11.38057843	5.79E-16	17.28083957
ADCK4	NM_024876	179.0352287	13.19945303	5.22E-14	13.56383695
KIRREL	NM_001286349	61.6373786	8.317143128	0.000314097	7.410883478
PPP1R3D	NM_006242	120.1758322	6.176233453	8.03E-11	19.45778654
TOM1L2	NM_001288786	114.298925	6.300853574	1.02E-09	18.14022873
PGF	NM_002632	132.2505893	12.45837334	1.01E-09	10.61539784
ATAD2B	NR_125717	172.9978501	2.274923698	4.23E-17	76.04556153
APOBEC3G	NM_021822	45.75166431	5.429603183	0.001331861	8.426336652
TM7SF2	NR_102367	357.4285714	41.433139	8.78E-22	8.626635105
LRRC8E	NM_001268285	201.6703536	15.34030428	2.28E-15	13.14643764
C1orf109	NM_017850	58.85939651	10.23489803	0.000944446	5.750853239
FYCO1	NM_024513	89.4373786	7.089216478	1.49E-06	12.6159751
IL17RD	NM_017563	61.79785007	6.53627825	6.96E-05	9.454592921
GUCD1	NM_001284252	278.320943	20.72765183	1.14E-20	13.4275192
SARNP	NM_033082	90.63082508	8.382762337	7.87E-07	10.81157039
CCDC83	NM_173556	42.81321075	5.110756286	0.004164794	8.377079312
SPP1	NM_000582	28.83297501	0.58243637	0.002709696	49.50407716
EXD2	NR_034164	163.1495144	5.696339315	5.13E-15	28.64111588
RAF1	NM_002880	97.54070721	7.314045843	2.44E-07	13.33608092
FAM104B	NM_001166704	49.72309288	2.073542108	7.51E-05	23.97978449
IL1RAP	NM_001167929	138.1274965	3.126057026	3.28E-13	44.18585308
SEC14L4	NM_001161368	304.0549929	11.52590459	3.75E-27	26.3801414
CWC27	NM_001297645	82.68796794	2.563861676	3.53E-08	32.25133739
TCAIM	NM_001029840	195.953918	9.448046157	3.46E-17	20.74015248
GTF2F1	NM_002096	96.5077322	10.16964671	4.05E-07	9.489782188
SMIM14	NM_174921	221.5274965	6.606977034	1.57E-19	33.52932746
RNF41	NR_040053	128.1186893	9.371962914	4.14E-10	13.67042214
RGS20	NR_104579	87.53190005	6.890241893	1.48E-06	12.70374849
KDM8	NM_001145348	139.1604715	11.49347037	1.91E-10	12.10778529
HELQ	NM_001297757	174.9033286	6.855110244	4.00E-15	25.51429844
ZNF317	NM_001190791	132.2505893	6.443093731	2.20E-11	20.52594528
IP6K2	NM_001146178	155.0461858	13.82199372	8.31E-11	11.21735322
TRPM2-AS	NR_109964	108.4220179	4.60777908	4.49E-10	23.53021185
NDUFV2-AS1	NR_110772	98.41321075	9.400732802	4.28E-07	10.46867439
UBR5	NM_015902	132.4110608	6.697099806	2.53E-11	19.77140324
TRAPPC5	NM_174894	133.1230929	14.18154659	1.22E-08	9.387064525
RNF32	NM_001184996	205.6417822	12.11495996	2.73E-16	16.97420238
ACY1	NM_001198897	132.4110608	33.01232895	2.91E-05	4.010957877
SERF1B	NM_022978	329.7890429	31.53888178	6.82E-22	10.45658642
ZSCAN16-AS1	NR_103456	82.52749646	12.5545992	4.62E-05	6.573487145
DHX15	NM_001358	128.4396323	5.319359345	1.88E-11	24.14569574
C9orf72	NM_018325	165.9274965	2.431839664	9.80E-18	68.23126495
TM9SF1	NM_001014842	157.1121358	18.86143994	8.07E-10	8.32980601
SBDSP1	NR_024111	146.2308251	12.65291002	4.08E-11	11.55709041
TPGS2	NM_001271953	134.1560679	9.060396447	3.16E-10	14.80686509
AMOT	NM_133265	51.62857143	2.961220846	0.000125119	17.43489396
STAT4	NM_003151	96.5077322	3.365174895	3.96E-09	28.67837043
HNRNPA1P10	NR_002944	235.5077322	34.57404803	7.16E-13	6.811691011
CYB561A3	NM_001161454	166.9604715	26.68022682	6.09E-09	6.257835535
NR4A1	NM_002135	299.9230929	16.02280082	5.70E-25	18.71851846
MMADHC	NM_015702	131.2176143	7.470674345	1.80E-11	17.56436009

ITM2C	NM_001012514	144.1648751	10.47189039	5.07E-11	13.7668434
SRSF10	NM_001300936	184.9121358	30.67698031	5.91E-10	6.027716351
CPEB2	NM_001177383	109.6154644	1.050804911	1.66E-11	104.3157138
MOV10	NM_001286072	80.62201792	14.4101743	0.000109821	5.594798249
6-Sep	NM_145799	64.57583215	4.890833403	3.55E-05	13.20344138
UNG	NM_080911	95.47475719	10.41187358	7.78E-07	9.169796047
RBM5	NM_005778	114.4593965	10.54588475	2.13E-08	10.85346552
AHSA2	NM_152392	172.8373786	21.23021405	6.41E-11	8.141103909
IFI35	NM_005533	99.44618576	15.44983711	8.70E-06	6.436714188
HES6	NM_018645	156.9516643	38.96055078	7.63E-06	4.028476528
HARS	NM_001289093	152.1077322	18.20814549	6.47E-10	8.353828913
USH1G	NM_173477	138.1274965	15.22728302	1.78E-09	9.07105334
ZNF138	NM_001160183	183.8791608	5.211372203	1.37E-17	35.28421184
CXorf57	NM_018015	54.72749646	1.247206175	4.20E-05	43.88007175
2-Sep	NM_001008491	157.1121358	11.14063427	2.26E-12	14.10262036
ZBBX	NM_024687	35.03082508	0.79567622	0.000784739	44.02648237
PSMB1	NM_002793	179.9077322	11.04507945	1.48E-14	16.28849597
ZNF26	NM_019591	41.94070721	3.661922024	0.000708512	11.45319505
LOC100287015	NR_040040	241.3846393	11.92939966	7.77E-21	20.23443309
ZNF230	NM_006300	73.71213579	3.357168228	4.73E-07	21.95664047
ANAPC15	NM_001278491	129.3121358	26.35997826	8.35E-06	4.905623764
RNF125	NM_017831	61.79785007	5.19622785	6.11E-05	11.89282916
PAQR3	NM_001040202	108.4220179	5.017491843	4.59E-10	21.60880801
FANCA	NM_001286167	147.2638001	17.28184984	8.28E-10	8.521298439
PGK1	NM_000291	95.47475719	7.00246676	1.88E-07	13.63444633
ATAD2	NM_014109	245.6770108	9.277811684	1.25E-20	26.48006009
MLLT11	NM_006818	63.70332862	8.979146965	0.00046997	7.094585807
NUDT22	NM_001128613	216.6835644	36.52464125	7.03E-11	5.932530942
LOC101928736	NR_110941	204.7692786	15.51910216	3.93E-15	13.19466014
CCT6A	NM_001009186	148.1363036	16.11536034	5.26E-10	9.192242713
YEATS2	NM_018023	120.3363036	6.39499221	2.72E-10	18.81727134
SH3YL1	NM_015677	63.70332862	6.279077125	6.14E-05	10.14533304
BRCC3	NM_001018055	80.46154644	3.784602727	1.09E-06	21.26023581
THADA	NR_073394	201.6703536	4.96059154	4.45E-18	40.65449694
TSSC1	NM_003310	104.2901179	3.906991559	7.19E-10	26.69320276
PGAP2	NR_027017	204.6088072	14.86187652	1.53E-15	13.76736019
APP	NM_201414	217.5560679	4.814505136	1.61E-19	45.18762816
DCAF8	NR_028103	200.7978501	8.084040879	1.22E-17	24.83879697
COASY	NM_001042529	95.63522867	16.14719709	3.57E-05	5.922713903
GABPB2	NM_144618	99.44618576	6.274074784	1.46E-08	15.85033478
SMTNL2	NM_001114974	87.53190005	5.978844716	6.26E-07	14.64026985
DOPEY1	NM_001199942	137.2549929	3.711762694	2.80E-13	36.9783858
RHPN1-AS1	NR_026785	77.84403583	16.14402316	0.000973134	4.821848621
ESCO2	NM_001017420	178.0022537	3.335455617	3.54E-18	53.36669831
HDAC8	NM_001166419	119.3033286	3.367881483	1.52E-11	35.42385004
PIK3R4	NM_014602	160.9230929	3.345343435	4.26E-16	48.1036091
TNIK	NM_001161565	73.55166431	4.166277053	1.05E-06	17.65405022
ABHD11	NM_148912	218.5890429	26.18362032	3.84E-13	8.348312428
PDLIM3	NM_001257963	141.06595	4.117835147	2.75E-13	34.25730875
RAD50	NM_005732	237.4132108	5.65793099	3.46E-22	41.96113582
WDR20	NM_001242417	120.3363036	6.261015317	1.99E-10	19.21993439
CIPC	NM_033426	161.9560679	7.380169966	4.94E-14	21.94476125
CKMT2-AS1	NR_034122	164.0220179	3.87702152	3.47E-15	42.30619229
CBWD5	NM_001286836	208.9011787	18.87748037	3.93E-15	11.06615791
TSC1	NM_001162426	103.4176143	4.930051317	6.70E-09	20.97698537
REV1	NM_001037872	47.65714286	5.385910474	0.001360802	8.848484038
STAMPB	NM_006463	112.3934465	7.925420348	7.09E-09	14.18138617
FAM114A1	NM_138389	73.55166431	5.874283549	5.82E-06	12.52095914
PRDX6	NM_004905	195.7934465	8.41387292	7.83E-18	23.27031182
PMS2P5	NR_027777	201.6703536	3.165137222	1.54E-21	63.71614861
ZNF670-ZNF695	NR_037894	202.7033286	5.707704106	2.06E-18	35.51398686
CDC42EP3	NM_006449	91.6638001	12.35277831	1.18E-05	7.4205007

ZBTB24	NM_001164313	74.58463932	14.48888712	0.000781745	5.147713466
C21orf33	NM_198155	149.0088072	30.23573846	4.56E-07	4.928234426
LCMT2	NM_014793	88.72534654	5.156251054	5.96E-08	17.20733642
WDR47	NM_014969	102.5451108	5.475241634	9.16E-09	18.72887402
SPOP	NM_001007229	52.82201792	8.602136584	0.002785668	6.140569543
PPIA	NM_021130	216.5230929	31.58524715	4.73E-12	6.855197044
TGOLN2	NM_001206840	317.7142857	15.44825547	6.22E-27	20.56635368
INPP5F	NM_014937	46.78463932	6.223330188	0.002481858	7.517621259
CHCHD2	NM_016139	156.9516643	11.83530275	4.60E-12	13.26131386
AP1S3	NM_001039569	69.58023574	5.33907022	2.00E-05	13.03227582
VWA8	NM_015058	155.0461858	2.527483315	1.20E-14	61.34409862
GIN51	NM_021067	160.9230929	5.728928262	6.02E-15	28.08956327
SON	NM_032195	125.3407072	10.74826228	4.33E-09	11.66148574
CDK18	NM_212503	81.49452145	10.41057608	1.65E-05	7.82805109
ZNF782	NM_001001662	43.84618576	6.284457235	0.003975896	6.976924835
KLHL21	NM_014851	281.098925	23.32640445	7.95E-20	12.05067526
LRRC16A	NM_017640	100.4791608	3.887010475	3.11E-09	25.84998456
CAST	NM_173060	137.2549929	4.262365128	2.52E-12	32.20160376
GOPC	NM_020399	139.320943	4.019663353	4.24E-13	34.65985351
AP2M1	NM_001025205	209.6132108	22.31358153	5.66E-14	9.393974268
PRMT2	NM_001286676	172.9978501	5.019758509	4.02E-17	34.46338101
COPS4	NM_016129	132.2505893	3.251662001	2.06E-12	40.67169014
ABII	NM_001178124	160.9230929	4.375684616	2.21E-14	36.77666628
PPP1R9A	NM_017650	48.69011787	2.342854208	0.00030051	20.78239342
CEP170	NM_001042405	109.4549929	3.204970553	2.75E-10	34.15163762
ANKRD46	NM_001270377	220.8154644	7.298020809	4.70E-20	30.25689707
ZFYVE19	NM_001077268	156.9516643	15.84792512	8.04E-11	9.903609658
CCNG1	NM_004060	268.4726073	14.00798638	7.24E-23	19.16568163
GPR63	NM_001143957	227.5648751	2.442443448	1.23E-25	93.1709904
TCEB3-AS1	NR_038280	221.5274965	18.25671996	5.02E-16	12.134025
LEMD3	NM_014319	130.3451108	3.053603011	6.08E-13	42.68567666
LRRC27	NM_001143758	77.52309288	4.078259668	9.74E-07	19.00886633
DUSP3	NM_004090	182.8461858	15.1007843	2.01E-13	12.10839001
CENPK	NM_022145	174.7428571	4.607374513	1.29E-16	37.92677514
HMGXB4	NM_001003681	100.3186893	4.595286742	8.68E-09	21.830779
FAM76A	NM_001143913	136.2220179	7.609396801	1.80E-11	17.90181554
INTS2	NR_026641	275.3824894	8.176679796	7.54E-25	33.67901107
KBTBD3	NM_152433	151.9472607	5.143090482	1.21E-14	29.54396024
IRAK4	NM_016123	202.7033286	5.37342016	3.98E-19	37.72333497
NFYA	NM_002505	95.47475719	8.168200739	2.78E-07	11.68859094
RTFDC1	NM_001283035	82.68796794	7.338501679	4.34E-06	11.26769081
PIK3R2	NM_005027	100.3186893	11.49515478	1.34E-06	8.727041198
ZBTB5	NM_014872	101.3516643	10.4230887	4.35E-07	9.723764927
LINC01024	NR_102741	207.5472607	20.84297526	4.62E-14	9.957659986
DNAJC19	NR_046073	243.4505893	18.14060356	2.58E-18	13.42020338
PLSCR4	NM_020353	43.84618576	1.535488893	0.000693167	28.55519565
EMBP1	NR_003955	40.9077322	2.388234559	0.001500596	17.12885866
TGM2	NM_198951	112.3934465	8.234325263	5.24E-09	13.64938145
SRP14-AS1	NR_040061	90.47035361	11.6310444	8.31E-06	7.778351669
RAP2B	NM_002886	181.9736822	12.96903418	2.19E-14	14.03139815
ARHGAP12	NM_001270696	196.66595	3.199785634	1.68E-19	61.46222671
RTN3	NM_201429	164.1824894	4.99305795	8.15E-15	32.88215179
LONRF3	NR_110311	124.1472607	4.066506121	3.36E-11	30.52922018
ANKMY2	NM_020319	105.4835644	4.388765833	2.61E-09	24.03490374
TMEM136	NM_001198672	157.9846393	14.86539414	2.39E-11	10.62767915
TMPPE	NM_001136238	50.75606789	9.518529849	0.004218668	5.332343198
TMEM231	NR_074083	82.84843942	12.11947365	4.98E-05	6.835976696
ZNF562	NM_001300885	170.219868	6.031158182	1.14E-15	28.22341296
BAIAP3	NM_001199099	95.63522867	19.55273773	5.93E-05	4.891142611
METTL14	NM_020961	164.0220179	4.20480209	2.39E-16	39.00826113
MED7	NM_001100816	162.9890429	9.034061697	1.83E-14	18.04161277
PLEKHG5	NM_001042664	90.47035361	14.31091352	1.14E-05	6.321773482

DDHD1	NM_001160148	104.4505893	5.085832506	5.98E-09	20.53755982
TP73	NM_001204186	62.67035361	6.854049938	7.14E-05	9.143550772
10-Sep	NM_178584	41.78023574	5.066995554	0.004202816	8.245563923
C1orf115	NM_024709	96.5077322	12.62220443	4.55E-06	7.645869841
PSMD6	NM_014814	107.2285714	11.13701893	1.40E-07	9.628121501
KIN	NM_012311	111.3604715	5.189305459	6.16E-10	21.45961003
F10	NM_000504	60.76487506	4.918136831	8.30E-05	12.35526321
MXD1	NM_002357	133.1230929	7.887468347	2.41E-11	16.87779741
SSFA2	NM_006751	41.78023574	6.057223023	0.003986452	6.897589139
AK2	NM_001625	122.4022537	9.601421901	2.45E-09	12.74834654
RPE	NM_001278285	104.4505893	6.045997531	8.05E-09	17.27598941
R3HCC1	NM_001136108	113.4264215	17.72602067	1.79E-06	6.398865464
ZNF669	NM_024804	171.9648751	16.28226494	4.80E-12	10.56148366
DEDD2	NR_073050	105.4835644	13.2495798	4.92E-07	7.961276204
IQCD	NM_138451	103.4176143	9.50745129	2.07E-07	10.87753291
PLK2	NM_006622	256.2373786	16.02383778	5.56E-21	15.99101177
C18orf21	NM_001201475	229.4703536	11.15762993	5.33E-20	20.56622734
FAIM	NM_018147	68.7077322	7.372772512	6.59E-05	9.319117346
JARID2	NM_004973	60.60440358	6.643294901	0.000143907	9.122642376
C3orf52	NM_024616	154.1736822	4.068511912	4.84E-15	37.89436668
TP53I13	NM_138349	102.3846393	16.75870805	6.47E-06	6.109339634
FANCI	NM_018193	134.3165394	8.45357816	7.69E-11	15.88872035
DONSON	NM_017613	142.9714286	15.98479173	1.53E-09	8.944215916
DPYD	NM_001160301	112.232975	1.477838435	1.04E-10	75.94400871
NBPF11	NM_183372	124.1472607	4.951101081	5.64E-11	25.07467707
DPP8	NM_017743	127.2461858	5.438936212	2.50E-11	23.39541793
PRDM10	NM_020228	54.72749646	5.631689248	0.000429874	9.717776329
VRK2	NM_001288836	174.1912966	3.247854646	3.55E-17	53.63272547
SLC26A6	NM_001281732	193.7274965	14.48334919	4.01E-15	13.37587694
MRPL30	NR_028356	164.0220179	8.830099816	8.04E-14	18.57532999
KHDRBS1	NR_073499	129.1516643	10.90098383	1.41E-09	11.84770717
PVR	NM_001135768	301.9890429	12.45585168	4.40E-26	24.24475264
ARMCX3	NM_177948	44.7186893	6.125885483	0.002632823	7.299955152
AURKAIP1	NM_001127229	115.4923715	19.20056416	1.09E-05	6.015050941
USP33	NM_015017	199.6044036	5.556002278	9.92E-19	35.92590384
NIPA2	NM_001008860	157.9846393	7.657067429	1.04E-13	20.63252554
RPL13A	NM_012423	283.1648751	67.0702934	4.48E-11	4.221911978
MLXIPL	NM_032952	283.1648751	14.46303675	5.12E-23	19.57852144
ZNF765	NM_001040185	84.59344649	6.670576856	9.31E-07	12.68157887
PON2	NM_000305	171.9648751	4.457988377	5.83E-17	38.5745454
SKAP2	NM_003930	138.1274965	1.547024808	2.14E-13	89.28589624
TPD52	NM_001025253	224.6264215	7.934495615	2.10E-19	28.31010721
DPF1	NM_001289978	77.68356436	6.036929327	4.68E-06	12.86805926
TSG101	NM_006292	217.7165394	4.184864485	1.80E-21	52.02475256
BCL2L11	NM_001204108	198.7319	9.333277293	1.45E-16	21.29283143
TMEM25	NM_001144037	57.8264215	10.79085911	0.002206661	5.358833892
GTF2H2B	NR_033417	196.8264215	3.470345833	3.64E-20	56.71665908
SMUG1	NM_001243788	184.7516643	18.67437311	1.13E-12	9.893326175
ZNF248	NM_001267597	222.720943	4.943712308	1.06E-21	45.05135596
PDE8A	NM_001243137	167.120943	5.135559662	9.82E-15	32.54191441
CCDC77	NM_001130148	111.3604715	8.024157245	9.29E-09	13.87815169
SLC9A6	NM_001177651	108.2615464	2.535695286	9.25E-11	42.69501429
DTNB	NM_183360	60.60440358	4.486393674	0.00014148	13.50848989
SLC30A9	NM_006345	169.0264215	4.052908936	2.16E-15	41.70496405
MVD	NM_002461	126.5341537	16.1823354	6.67E-08	7.819276425
MRPL52	NM_181307	116.3648751	12.79662243	5.33E-08	9.093405364
HNRNPA2B1	NM_031243	344.8022537	23.15630191	3.81E-26	14.8902124
CANX	NM_001024649	172.1253465	9.031569482	4.58E-14	19.05818771
KRCC1	NM_016618	179.9077322	6.764265649	2.44E-16	26.59678693
NFYC	NM_014223	140.1934465	7.314859094	2.09E-11	19.16557034
MYO5A	NM_000259	87.53190005	3.03501032	3.55E-08	28.84072567
TRIQK	NM_001191036	60.76487506	0.965040496	8.23E-07	62.96614009

DFFA	NM_004401	139.320943	12.49159388	4.76E-10	11.15317583
C1QTNF9B-AS1	NM_001014442	97.38023574	20.47519996	0.000125052	4.756009023
BCCIP	NM_016567	177.1297501	17.4337908	5.40E-12	10.1601397
SCN8A	NM_014191	93.40880717	4.372157185	8.85E-08	21.36446683
CENPJ	NR_047594	121.2088072	4.434760339	6.93E-11	27.33153494
NDUFAF6	NM_152416	248.2945215	6.421409695	1.11E-23	38.66666873
SCD	NM_005063	188.8835644	14.80432299	2.41E-14	12.75867627
GPBP1	NM_022913	111.2	5.480176944	1.52E-09	20.29131562
LOC81691	NM_001199053	242.4176143	7.82669296	3.40E-22	30.97318568
RALA	NM_005402	175.9363036	4.844949108	3.04E-16	36.313344
ADSL	NM_000026	276.4154644	10.32809764	5.55E-25	26.76344415
SHOX2	NM_006884	101.3516643	8.133952799	8.80E-08	12.46032118
KRIT1	NM_194455	150.2022537	4.185579804	3.36E-14	35.88565042
STX17	NM_017919	219.4615464	5.50859549	9.61E-21	39.83983701
STIP1	NM_001282652	227.7253465	17.16151216	2.69E-17	13.26953851
BCDIN3D-AS1	NR_027499	103.4176143	11.41903039	4.98E-07	9.056602073
PHKB	NM_001031835	188.8835644	3.02273722	3.50E-18	62.4875901
PCID2	NM_018386	204.6088072	5.695001555	2.66E-19	35.92778776
MASTL	NM_001172303	109.4549929	10.13166485	7.57E-08	10.80325836
AGA	NR_033655	214.7780858	9.060294269	1.35E-19	23.70542053
RFWD3	NM_018124	116.3648751	12.02137983	1.69E-08	9.679826833
NDUFV1	NM_001166102	92.53630363	10.59284498	1.62E-06	8.735736605
HIGD1A	NM_001099669	186.8176143	6.633434648	1.82E-17	28.1630293
RNF146	NM_001242852	223.753918	6.626338143	1.08E-20	33.76735584
PLOD2	NM_000935	144.1648751	2.711293205	3.75E-14	53.17199733
C14orf169	NM_024644	79.5890429	6.739857504	5.13E-06	11.808713
ENC1	NR_046318	71.80665724	9.001456255	0.000108022	7.977226707
TRAPPC11	NM_199053	142.098925	3.128150019	1.63E-14	45.42586646
DIABLO	NM_001278303	78.55606789	15.7275493	0.000494406	4.994806655
FBXL4	NR_103836	151.9472607	2.795761226	3.02E-15	54.34915519
EMR2	NM_001271052	157.9846393	5.368554309	1.25E-14	29.42778078
COG6	NM_001145079	171.9648751	3.2164478	9.61E-17	53.46422071
NFE2L2	NM_006164	171.9648751	11.93799331	5.32E-13	14.40483929
YAP1	NM_006106	78.55606789	3.652560125	4.34E-07	21.50712519
MDM1	NM_001205029	59.73190005	12.47535247	0.002658358	4.787992981
RHBG	NM_020407	222.5604715	5.016737014	1.98E-23	44.36359148
TMEM230	NM_001009924	155.0461858	8.177144814	1.81E-13	18.96091965
VPS13B	NM_152564	402.4682037	4.069317313	1.07E-38	98.90312618
CSRNP2	NM_030809	155.0461858	16.06150219	9.40E-11	9.653280495
NFAT5	NM_173215	195.632975	4.917084124	1.13E-17	39.78637951
CHIC2	NM_012110	149.1692786	3.066494842	3.66E-15	48.64488164
PSMG3-AS1	NR_027329	246.3890429	15.65343535	4.10E-19	15.74025365
LINC00673	NR_036488	490.8726073	11.78390338	4.72E-44	41.65619756
EXOSC3	NM_016042	216.6835644	13.81921627	6.38E-18	15.6798736
ARL13B	NM_001174150	217.5560679	2.255010732	5.65E-23	96.4767328
TMEM168	NM_001287497	126.2132108	2.795965344	2.11E-12	45.14119284
RNF4	NM_002938	184.7516643	11.65852009	3.30E-14	15.8469225
TOMM40	NM_006114	66.64178218	10.88942769	0.000370765	6.119860849
ANKEF1	NM_198798	202.7033286	4.765450123	3.61E-20	42.53602984
CHMP1A	NM_002768	174.0308251	11.26815447	2.28E-14	15.44448344
LOC100507564	NR_038953	91.50332862	14.73101671	1.93E-05	6.211609858
CTDNEP1	NM_015343	115.3319	10.5067775	1.40E-08	10.97690515
TIMM17B	NM_001167947	127.2461858	12.11767974	1.80E-09	10.5008705
LTV1	NM_032860	85.46595002	6.545687894	1.14E-06	13.05683244
ACAD8	NM_014384	152.2682037	8.865850871	2.40E-12	17.17468587
TSPAN10	NM_001290212	141.06595	13.55501125	5.26E-10	10.40692239
INSIG1	NM_005542	78.55606789	9.163108342	2.91E-05	8.573080767
LOC102606465	NR_109849	201.9912966	3.435300936	9.80E-20	58.79871963
CAAP1	NM_024828	157.1121358	4.339307897	1.13E-14	36.20672686
ARID1B	NM_017519	58.69892504	4.771095607	0.000144626	12.30302846
ROR1	NM_005012	84.59344649	4.286336272	6.22E-07	19.73560661
TMEM143	NM_018273	130.1846393	10.99548318	5.32E-10	11.83982888

FOS	NM_005252	317.0022537	35.94962814	1.16E-19	8.817956404
LOC148709	NR_002929	102.5451108	13.9975591	2.51E-06	7.325928045
TMEM254	NR_072985	52.82201792	3.498777158	0.000290837	15.09727986
TRIM7	NM_203295	72.67916077	13.0667772	0.000361225	5.56213362
LOC101929231	NR_110240	117.2373786	3.144288558	5.47E-11	37.28582044
GLB1L	NM_001286423	198.7319	14.92009998	3.55E-15	13.31974319
UBE3D	NM_198920	164.1824894	3.108735023	9.78E-16	52.81327877
CPNE1	NM_152925	213.5846393	13.00942053	5.20E-17	16.41769046
C1orf27	NM_001164246	93.56927864	2.691860699	2.43E-09	34.76007458
UBE3B	NM_001270449	308.0264215	12.07405643	1.32E-27	25.51142803
RNF7	NM_183237	131.3780858	8.501443248	1.07E-10	15.45362146
TOMM5	NM_001001790	185.7846393	8.022079579	3.46E-17	23.15916185
CDK11B	NM_033486	127.2461858	15.20629028	1.05E-08	8.367996624
SCP2	NM_001193617	106.3560679	4.004711205	5.49E-09	26.55773724
PAPOLA	NM_001252007	90.47035361	4.986032292	6.35E-08	18.14475886
DUS3L	NM_001161619	100.4791608	9.517737281	1.76E-07	10.5570429
SGSM1	NM_001098497	134.1560679	6.864589497	9.13E-11	19.54320327
NOP16	NM_001291307	130.3451108	11.75415715	8.52E-10	11.08927753
NCEH1	NM_001146276	160.9230929	5.829654613	2.04E-14	27.60422419
RUFY2	NM_001278225	127.4066572	5.134830792	6.09E-12	24.81224064
SUV39H2	NM_001193427	155.0461858	5.856972527	7.05E-14	26.47206984
C2orf43	NM_001282720	168.86595	3.891851545	3.42E-15	43.38961753
GPN3	NM_016301	135.3495144	6.475510521	3.93E-12	20.90175191
GULP1	NR_045562	149.0088072	2.424295934	3.63E-14	61.46477627
PRR16	NM_001300783	45.75166431	1.561691705	0.000513496	29.29622036
USP19	NM_001199162	117.3978501	18.92896716	1.86E-06	6.202020907
TMEM106A	NM_001291586	109.2945215	15.06668995	1.48E-06	7.25404995
TRIM41	NM_033549	156.0791608	34.56038715	2.98E-07	4.51612883
CTTNBP2NL	NM_018704	106.3560679	3.840630223	3.29E-09	27.69234779
ZMYND8	NM_001281781	78.55606789	7.570741183	1.84E-05	10.37627175
CUL2	NM_001198777	47.81761433	3.792408794	0.00026763	12.60877108
ATG12	NR_073603	113.26595	9.558552808	6.65E-09	11.84969653
LINC00173	NR_027345	119.1428571	14.60429061	2.05E-07	8.158072193
ZNF7	NM_001282797	160.0505893	24.10996972	1.89E-09	6.638357127
TAF9B	NM_015975	72.5186893	7.673476638	1.73E-05	9.450564942
MKLN1	NM_013255	197.698925	2.799143219	2.46E-19	70.62837075
SLC22A5	NM_003060	169.898925	10.36841531	7.26E-14	16.38619982
TSPAN3	NM_001168412	101.5121358	8.102850843	3.69E-08	12.52795316
RNF111	NM_001270528	205.8022537	4.991302655	6.47E-19	41.23217281
ARAF	NM_001256197	93.40880717	7.191340494	2.09E-07	12.98906751
C21orf67	NR_027129	225.498925	15.48051239	5.50E-18	14.56663187
ZNF219	NM_001102454	90.47035361	21.53415444	0.000262564	4.201249409
MOB3B	NM_024761	40.9077322	4.168505814	0.001914303	9.813524084
TARSL2	NM_152334	243.2901179	2.895655465	1.53E-25	84.01901429
C14orf178	NM_174943	82.68796794	8.023272079	4.44E-06	10.30601569
DBT	NM_001918	109.4549929	3.730867785	1.57E-09	29.33767671
METTL9	NM_016025	66.64178218	3.764829477	4.67E-06	17.70114226
RABEP1	NM_001291581	185.7846393	6.462455658	8.65E-17	28.74830392
BMS1P6	NR_024495	258.3033286	7.976076605	9.68E-25	32.38476026
RPS10	NM_001203245	171.0923715	18.86145504	3.01E-11	9.071005985
FPGT	NM_001199328	124.3077322	2.341680351	1.18E-14	53.08484233
RHOD	NM_014578	81.49452145	11.93232806	4.41E-05	6.829725183
PFKP	NM_002627	201.6703536	10.7810595	1.75E-16	18.70598652
ACPI	NM_007099	140.032975	9.446203715	1.16E-11	14.82425948
ACTR6	NR_048569	52.98248939	5.384608393	0.000294529	9.839617949
IFT20	NM_174887	66.96272513	10.37434465	0.000733664	6.454646285
SMARCA5	NM_003601	215.6505893	4.193407673	2.93E-21	51.4260969
GPR89A	NM_001097613	216.5230929	5.1435625	1.24E-20	42.09593893
PPARD	NM_001171818	141.2264215	9.301595509	2.57E-11	15.18303192
CBR3-AS1	NR_038892	193.7274965	11.47556856	1.31E-15	16.88173405
CMC1	NM_182523	237.4132108	3.067281298	1.49E-24	77.40183821
NAA40	NM_024771	92.53630363	9.457584204	1.87E-06	9.784348903

ANGPTL1	NM_004673	37.80880717	1.339776628	0.001431047	28.22023192
SLC29A1	NM_001078174	123.1142857	17.32981952	1.88E-07	7.104187416
PIP4K2B	NM_003559	149.0088072	14.70022787	4.59E-10	10.13649642
GPN1	NM_001145049	90.63082508	12.20441609	9.99E-06	7.426068104
RBM27	NM_018989	169.898925	3.112985119	7.29E-17	54.57749348
RTBDN	NM_031429	153.1407072	21.21410015	2.46E-09	7.21881702
EOGT	NM_001278689	164.8945215	5.809664373	1.27E-14	28.38279647
RANBP6	NM_001243202	98.41321075	1.39804073	4.62E-12	70.39366494
RP9	NM_203288	116.2044036	2.594764872	1.52E-12	44.7841748
MAD1L1	NM_001013836	170.9319	9.221457985	5.03E-14	18.53632043
CENPO	NM_001199803	91.50332862	7.548006209	4.91E-07	12.12284756
PARP9	NM_001146103	62.83082508	5.102233478	5.23E-05	12.31437671
RBM4	NM_001198843	180.9407072	19.46118967	3.51E-12	9.297515221
SLC41A3	NM_001008485	175.7758322	5.313901415	3.10E-16	33.0784895
BTF3L4	NM_001136497	89.59785007	5.214556258	1.36E-07	17.18225783
C12orf4	NM_020374	165.9274965	4.493208005	1.39E-15	36.92851439
ARL4C	NM_001282431	89.4373786	9.223127568	4.03E-06	9.697077042
SLC30A6	NM_001193513	157.1121358	4.829114968	1.78E-14	32.53435398
CHTOP	NM_001206612	142.098925	17.95016046	8.52E-09	7.916303887
MSTO1	NM_001256533	99.60665724	21.21828781	5.42E-05	4.694377706
FGFR1OP	NM_194429	142.098925	5.209270503	3.76E-13	27.27808528
PCBP1-AS1	NR_033872	237.5736822	7.699629738	1.48E-20	30.85520867
LOC101927620	NR_110062	166.9604715	9.316184226	4.06E-14	17.92155108
BLMH	NM_000386	156.0791608	5.228549915	1.16E-14	29.85132844
ZNF146	NM_001099639	62.83082508	9.843614738	0.000824059	6.382901684
C10orf2	NM_001163813	125.6616502	13.39721697	1.69E-08	9.379683145
POLR3D	NM_001722	151.0747572	18.20854523	9.26E-10	8.296915284
CDK13	NM_003718	122.2417822	6.883063918	1.18E-09	17.75979181
ZBTB4	NM_020899	72.67916077	15.23110473	0.001449374	4.771758981
TRPV6	NM_018646	83.4	8.296365881	8.72E-06	10.05259426
SRA1	NR_045587	246.3890429	28.97752666	3.38E-15	8.502763049
C17orf62	NM_001193654	175.2242716	22.93143922	9.06E-11	7.641224343
LHPP	NM_001167880	147.2638001	10.96897483	3.59E-11	13.42548437
UTP23	NM_032334	134.4770108	9.158172894	5.35E-11	14.6838253
DDX19B	NM_001014449	169.0264215	5.022580564	3.13E-16	33.65330219
DUSP18	NM_152511	139.320943	10.20106186	2.33E-11	13.65749418
ENDOV	NM_173627	152.2682037	23.08268993	1.44E-08	6.596640347
CEP120	NM_001166226	60.92534654	3.560606055	1.95E-05	17.11094841
TMEM11	NM_003876	127.4066572	14.58846106	1.42E-08	8.733385701
BIRC3	NM_182962	65.76927864	2.947786536	1.72E-06	22.31141158
ANXA2	NM_001002858	211.6791608	9.326105719	1.22E-17	22.69748673
ANKHD1	NM_017747	172.9978501	5.337097725	1.30E-15	32.41421817
MRPL39	NM_017446	203.7363036	3.529669788	4.36E-22	57.72106624
INF2	NM_032714	88.40440358	13.20988212	1.47E-05	6.692293146
SPDYC	NM_001008778	185.7846393	22.59636754	4.47E-11	8.221880749
NOV	NM_002514	32.09237152	0.428798311	0.000728885	74.8425791
LARP4	NM_052879	156.0791608	5.782404192	3.83E-14	26.99208765
RFWD2	NM_001286644	120.3363036	2.39743742	2.48E-11	50.19372043
SNHG17	NR_027241	278.1604715	21.46571238	5.40E-20	12.958362
ZNF70	NM_021916	77.52309288	10.92299302	9.23E-05	7.097239077
DNAJA3	NM_001135110	181.9736822	13.66570215	4.22E-14	13.31608726
ADAT3	NM_138422	120.3363036	13.57450744	2.51E-08	8.864874407
PPT1	NM_001142604	141.2264215	12.28105913	3.56E-10	11.49953111
ILF3	NM_012218	160.9230929	15.67734292	4.93E-11	10.26469177
FBXO25	NM_012173	54.72749646	4.565594921	0.000384672	11.98693651
MST4	NM_001042453	128.2791608	1.954106615	1.83E-13	65.64593752
TNRC6B	NM_015088	46.9451108	5.969629856	0.00253705	7.863990219
ZNF408	NM_024741	353.6176143	21.2488261	1.55E-28	16.64174824
MELK	NM_001256690	212.5516643	7.313354308	3.21E-18	29.06349882
TRIM26	NM_003449	86.49892504	5.093340866	2.21E-07	16.98274812
PSMA3	NM_002788	157.1121358	13.29570216	1.03E-11	11.81676108
HEXA	NM_000520	178.0022537	9.533286111	1.35E-14	18.67165756

NUAK1	NM_014840	64.73630363	5.774633854	3.70E-05	11.21046031
TTLL6	NM_001130918	109.2945215	8.748191338	1.87E-08	12.49338489
TTC39B	NM_001168340	103.4176143	3.879296903	1.20E-09	26.65885518
COQ9	NM_020312	255.5253465	11.11602377	2.46E-22	22.98711767
DNAJC8	NM_014280	145.0373786	8.176580573	2.25E-12	17.73814583
KIAA1244	NM_020340	41.78023574	4.467751646	0.004447145	9.351512583
IL21R	NM_181079	51.7890429	7.260990539	0.002610693	7.132503841
CCDC126	NM_138771	126.2132108	2.935778339	8.82E-13	42.99139655
MYO5C	NM_018728	116.2044036	7.552204133	3.67E-09	15.38681973
C2CD5	NM_001286176	147.1033286	1.23576806	2.76E-15	119.037976
ATP6V0D1	NM_004691	138.2879679	10.24007076	1.92E-10	13.50459105
P2RX4	NM_001256796	119.4638001	12.32707022	2.71E-08	9.691175436
TOMM70A	NM_014820	141.2264215	6.52249795	7.63E-12	21.65219868
MARK3	NM_001128921	169.186893	6.091422899	4.67E-15	27.77460961
CEP131	NM_001009811	106.5165394	11.0080226	1.52E-07	9.676264594
SSH2	NM_001282130	104.2901179	4.306400547	7.40E-09	24.2174681
C3orf58	NM_173552	181.8132108	7.758247813	4.98E-16	23.43482899
SPATA33	NR_073515	184.9121358	18.75891268	8.58E-13	9.857294979
CC2D1B	NM_032449	150.2022537	17.48587143	5.02E-10	8.589920968
SGPP1	NM_030791	186.8176143	4.821608748	7.44E-18	38.74590911
SNX2	NM_003100	175.7758322	3.019346453	2.67E-18	58.21651635
ZNF35	NM_003420	172.8373786	12.57901664	2.75E-13	13.74013434
ARF6	NM_001663	152.1077322	14.83901704	8.79E-11	10.25052615
BRMS1	NM_015399	233.4417822	18.48976889	2.50E-17	12.62545701
MRPS18A	NM_018135	138.2879679	8.681999295	3.30E-11	15.92812476
TCF12	NM_207037	90.63082508	2.835281803	2.07E-08	31.9653676
TESC	NM_017899	54.72749646	5.715793814	0.000398909	9.574784928
BTRC	NM_003939	117.5583215	6.305113746	6.25E-10	18.64491685
SLC12A2	NR_046207	151.2352287	3.166798981	7.65E-15	47.75649783
TXLNG	NM_018360	122.2417822	4.115461179	5.36E-11	29.70305802
WDR35	NM_001006657	118.2703536	1.95468689	1.05E-11	60.50603511
ZNF658B	NR_003528	296.1121358	16.69141307	2.63E-23	17.7403875
FAM122C	NM_001170783	39.87475719	1.628399924	0.000605096	24.48707876
GIPC1	NM_202470	83.56047148	10.81884326	1.32E-05	7.72360496
TOMM20	NM_014765	194.6	8.777627395	3.62E-17	22.17000007
GTPBP3	NM_032620	146.2308251	20.34487844	1.03E-08	7.187598859
ZNF304	NM_020657	110.3274965	7.777649038	2.92E-09	14.18519863
S1PR5	NM_030760	61.79785007	7.689904495	0.00019718	8.036231154
BNIP1	NM_013980	96.34726073	8.483930694	5.14E-07	11.35644128
ALG5	NM_001142364	189.7560679	7.003618406	1.49E-16	27.0940044
HN1L	NM_144570	72.67916077	11.05544653	0.000159233	6.574059274
KIAA1524	NM_020890	105.4835644	2.763233824	1.01E-10	38.17395526
MAPKAPK3	NM_001243925	86.49892504	10.72748798	9.84E-06	8.063297314
TYW5	NM_001039693	347.7407072	7.468681704	1.84E-34	46.55985099
PNPLA8	NM_001256010	73.87260726	4.78197965	4.79E-06	15.44812247
ZNF33A	NM_001278176	100.3186893	4.342450716	1.08E-08	23.10186018
COX5B	NM_001862	162.8285714	30.6636881	1.43E-07	5.310143088
RNF141	NM_016422	233.4417822	3.420103162	3.08E-25	68.25577217
ACBD5	NR_073196	104.4505893	4.841340226	2.90E-09	21.5747261
SMG1P1	NR_027154	211.8396323	2.905466208	1.92E-22	72.91071969
RPS6KB1	NM_001272044	188.8835644	7.382362076	2.25E-16	25.58578981
ZFYVE26	NM_015346	108.2615464	7.366045717	1.95E-08	14.6973764
NDUFC2	NM_001204055	122.2417822	17.17166194	1.45E-07	7.118809036
ISOC2	NM_001136201	110.3274965	11.08462756	3.41E-08	9.953198322
LMF1	NM_022773	154.0132108	6.50072553	1.23E-13	23.69169565
C2orf69	NM_153689	165.0549929	5.394397435	5.48E-16	30.59748469
PMPCB	NM_004279	184.7516643	6.022025617	4.06E-18	30.67932222
NCOA3	NM_001174087	233.6022537	4.229213617	1.24E-21	55.23538767
ZUFSP	NM_145062	100.4791608	2.60067291	2.83E-10	38.63583167
EPHX4	NM_173567	77.52309288	3.358876955	1.74E-07	23.08006334
CYP51A1	NM_000786	140.1934465	6.774564004	2.78E-12	20.69409137
WDR70	NM_018034	132.2505893	3.02686783	2.40E-12	43.69222469

MEF2BNB-MEF2B	NR_027307	102.5451108	14.99899939	1.54E-06	6.836796784
GTF3C5	NM_001286709	277.2879679	14.78048465	1.32E-22	18.76041107
MRPL55	NM_181441	124.3077322	16.87497648	1.97E-07	7.366394397
FAM96A	NM_001014812	71.64618576	7.30883374	3.29E-05	9.802683754
REXO2	NM_015523	137.0945215	8.520751075	9.25E-12	16.08948792
STXBP5-AS1	NR_034115	37.80880717	3.395006115	0.003574185	11.13659472
POLD3	NR_046409	63.15176804	5.109815641	5.93E-05	12.35891321
CASP7	NM_001267056	127.4066572	11.52282258	1.55E-09	11.05689655
SERBP1	NM_001018067	146.2308251	9.248880356	9.67E-12	15.81065161
SPOCK3	NM_001204356	56.63297501	1.668993413	4.52E-05	33.93241374
ALCAM	NM_001243281	102.5451108	2.526052826	1.13E-09	40.59499855
FIP1L1	NM_030917	171.9648751	3.660602261	6.59E-16	46.97720834
FAM204A	NM_022063	155.2066572	7.087823598	2.28E-13	21.89764673
KPTN	NR_111923	59.89237152	8.345002879	0.000835407	7.177034256
LINC01315	NR_120595	100.4791608	12.76111336	2.79E-06	7.873855358
NADSYN1	NM_018161	164.8945215	7.678868152	3.53E-14	21.47380554
NPTN	NM_001161364	51.62857143	6.057141182	0.000750573	8.523587263
CLCN2	NM_004366	142.9714286	13.19286453	4.70E-10	10.83702696
FAM172A	NR_028080	116.3648751	2.065391591	5.96E-11	56.34034513
FLVCR1-AS1	NR_027286	214.6176143	6.647584127	6.16E-19	32.28505428
RNF19B	NM_001300826	176.8088072	6.960933533	5.31E-16	25.40015737
FAM111A	NM_001142521	110.3274965	12.48590887	7.79E-08	8.836160636
MAGEF1	NM_022149	188.8835644	40.46402975	2.41E-07	4.667937562
ZNF655	NM_024061	157.9846393	18.42994866	2.82E-10	8.572169257
RBKS	NM_022128	92.53630363	5.109366974	1.42E-07	18.11110928
TBC1D1	NM_001253912	59.73190005	4.91590182	0.000140754	12.15075122
LOC101929331	NR_121587	39.87475719	1.61304702	0.00040635	24.7201456
PIGG	NM_001289055	172.8373786	9.503132578	2.41E-14	18.18741106
DENND1B	NM_001300858	71.48571429	1.673104544	1.53E-06	42.72638821
ZNF195	NR_040083	152.1077322	7.623088635	1.85E-13	19.95355682
GPR56	NM_001145770	75.77808581	8.603332655	1.48E-05	8.807992071
TMEM147	NM_032635	159.0176143	18.43937393	8.95E-10	8.623807669
FIGNL1	NM_001287494	108.4220179	3.387039963	1.39E-11	32.01084697
ZFYVE28	NM_001172656	85.46595002	7.832525036	3.19E-06	10.91167275
PLA2G12A	NM_030821	145.1978501	4.427661557	1.25E-14	32.79334886
VDAC2	NR_033675	149.0088072	16.77838397	1.31E-09	8.880998757
CEP78	NM_001098802	176.9692786	4.46848987	1.44E-17	39.60382227
CAMK2D	NM_172128	65.60880717	2.804109711	6.71E-06	23.39737526
SSR1	NR_120448	108.4220179	10.02457297	7.52E-08	10.81562459
NOD1	NM_006092	199.7648751	7.186770296	1.31E-17	27.7961959
ZBED8	NM_022090	284.0373786	8.242501556	4.11E-28	34.46009402
SLCO5A1	NM_030958	72.67916077	5.186449782	1.22E-05	14.01327764
CDIPT	NM_001286586	122.2417822	9.611113249	1.05E-09	12.71879532
ACTR10	NM_018477	179.9077322	4.37966099	1.08E-17	41.07800412
HAUS2	NM_001130447	225.498925	9.075432593	2.12E-20	24.84718196
ANKFY1	NM_001257999	118.2703536	10.45263152	2.21E-08	11.31488788
GPATCH3	NM_022078	115.4923715	12.18078365	1.15E-07	9.481522279
EI24	NM_004879	94.44178218	9.358485232	8.05E-07	10.09156715
ITGA2	NR_073103	172.9978501	5.063155467	8.95E-16	34.16799093
NFATC3	NM_173163	120.3363036	4.831522281	2.65E-10	24.90649874
AP2S1	NM_021575	108.4220179	22.73685126	3.03E-05	4.768559052
LINC00339	NR_023919	145.3583215	22.46724636	1.72E-08	6.46978803
CPPED1	NM_001099455	167.832975	4.878163062	4.56E-15	34.40495385
SNAPC2	NM_003083	146.0703536	35.94599551	8.75E-06	4.063605738
NUP50	NM_007172	67.67475719	9.498346516	0.000267441	7.124898747
PDE4DIP	NM_001198832	128.9210467	10.90428365	2.44E-09	11.82297259
EIF1	NM_005801	396.5912966	58.85351129	1.85E-20	6.738617422
USP21	NM_001014443	139.1604715	13.51525669	4.15E-10	10.29654668
KRT8	NM_001256293	129.4726073	17.34659363	3.87E-08	7.463863513
GNAI3	NM_006572	74.58463932	6.743722904	2.53E-05	11.0598612
SCARB1	NM_005505	180.7802357	8.746727737	3.55E-15	20.66832776
ST6GAL1	NM_173216	68.86820368	5.374294771	2.23E-05	12.81437037

FGFR4	NM_001291980	209.6132108	11.80860523	1.44E-17	17.75088647
SLC22A18	NM_002555	124.1472607	14.0650407	6.56E-08	8.82665492
SDCBP	NM_001007069	192.6945215	5.194995145	5.79E-18	37.09233908
FRMD5	NM_001286491	144.1648751	6.06852106	2.49E-12	23.75617941
SPRED2	NM_181784	116.3648751	8.122167031	4.01E-09	14.32682616
CEBPA-AS1	NR_026887	85.46595002	15.3206757	0.000156839	5.578471322
MINOS1-NBL1	NM_001204089	135.1890429	8.250739147	6.64E-11	16.38508266
HJURP	NM_001282962	203.7363036	17.42401998	7.66E-15	11.69284149
TMEM175	NM_032326	156.2396323	10.10128307	1.05E-12	15.4673056
LOC100129361	NM_001271592	223.5934465	14.05123764	3.51E-18	15.91272258
TMEM217	NR_104442	124.3077322	7.93737003	3.38E-10	15.66107309
RSU1	NM_152724	71.64618576	3.188967438	1.80E-06	22.46689161
ZNF226	NM_001146220	88.56487506	6.231510923	1.90E-07	14.21242394
HTATIP2	NM_001098520	141.06595	5.335044189	1.02E-12	26.44138362
LRCH4	NM_002319	197.698925	14.5821377	4.99E-15	13.55760925
USP38	NM_032557	155.9186893	3.882392842	3.84E-15	40.16046177
ATXN1	NM_000332	58.69892504	4.20949017	2.55E-05	13.9444262
PHYKPL	NR_103509	186.8176143	26.7141752	7.39E-11	6.99320166
STEAP2	NM_152999	124.3077322	2.642419415	1.32E-12	47.04314973
CYFIP2	NM_001291721	68.54726073	8.541728094	0.000103591	8.024987447
EEF1E1	NM_004280	146.0703536	6.32616052	6.03E-13	23.08989049
C1orf85	NM_144580	100.4791608	23.58342067	0.000187868	4.260584679
FBXO16	NM_001258211	106.5165394	6.516847197	4.85E-09	16.34479621
DNM1	NM_001005336	64.73630363	11.1858258	0.000578017	5.787351315
NUDT2	NM_001244390	152.1077322	11.71810075	8.46E-12	12.98057898
VPS29	NM_001282151	253.4593965	6.584382981	4.93E-26	38.494024
VCL	NM_014000	233.6022537	7.206727418	2.44E-20	32.41447055
PRMT1	NM_198318	124.3077322	15.18587328	6.15E-08	8.185748025
SCRN2	NM_001145023	107.5495144	23.72252022	4.95E-05	4.53364623
RNF121	NR_024147	65.60880717	6.567520758	3.72E-05	9.989889576
PPP1R15B	NM_032833	196.8264215	9.644716416	1.92E-17	20.40769402
ZNF707	NM_001288808	183.0066572	16.11815511	1.45E-13	11.35406975
SMC6	NM_001142286	191.6615464	3.304002049	3.37E-19	58.00890665
SLC1A3	NM_001166695	71.48571429	3.657641116	1.41E-06	19.54421225
EML3	NM_001300794	84.43297501	14.14867075	6.71E-05	5.967555291
KANTR	NR_110456	108.2615464	3.129379257	9.16E-11	34.59521443
SYF2	NM_207170	103.4176143	4.28370229	1.50E-09	24.14211057
CACTIN	NM_021231	162.9890429	10.19722124	5.27E-13	15.98367233
PI4K2A	NM_018425	47.81761433	9.368268376	0.004458424	5.104210556
COP8	NM_006710	110.3274965	11.20420846	7.71E-08	9.846969279
PPAP2A	NM_176895	163.8615464	4.098841337	1.00E-14	39.97752852
RASSF6	NM_001270392	71.64618576	3.112837514	9.60E-07	23.01635901
N6AMT2	NM_174928	241.3846393	5.7661763	2.40E-22	41.86216771
SVIL-AS1	NR_110925	188.0110608	7.709137043	2.59E-16	24.38808128
SF3A1	NM_001005409	192.8549929	15.67578397	3.08E-14	12.30273352
CYCS	NM_018947	91.50332862	22.24616601	0.000407369	4.113217918
ELMO3	NM_024712	198.8923715	16.02023542	4.62E-15	12.41507171
GGA1	NM_013365	85.46595002	13.63177769	3.50E-05	6.269611488
METTL15	NM_001113528	81.65499293	3.573020778	1.37E-07	22.85320965
CKLF-CMTM1	NM_001204099	123.2747572	10.38414676	2.80E-09	11.87143827
TPM3	NM_001278189	230.5033286	11.62556159	3.37E-19	19.82728549
C1GALT1C1	NM_152692	57.66595002	7.057189915	0.000634098	8.171233979
CAPN10-AS1	NR_103792	126.3736822	20.71132622	1.00E-06	6.101670212
MED27	NM_001253881	115.4923715	7.5244717	8.38E-09	15.34890104
IFI27L1	NM_145249	94.60225365	7.472581604	1.89E-07	12.65991577
ELMO2	NM_182764	138.1274965	10.02272075	1.78E-10	13.78143719
RDX	NM_001260494	110.3274965	2.930010887	6.40E-11	37.65429574
EIF1AX	NM_001412	127.2461858	5.157565275	1.21E-11	24.67175479
USP25	NM_013396	50.75606789	0.853188848	1.10E-05	59.48983982
ZNF286A	NM_001288649	125.3407072	7.099950959	9.22E-11	17.65374267
UNC45A	NM_001039675	194.7604715	28.15023874	4.99E-11	6.91860816
TMEM177	NM_001105199	193.7274965	29.89876042	1.82E-10	6.479449107

FAM222B	NM_001288637	175.7758322	7.665858866	5.84E-15	22.92969845
INPP4B	NM_001101669	59.73190005	2.478969887	2.56E-05	24.09545205
ECHDC1	NM_001105545	134.1560679	3.92851449	2.86E-12	34.14931222
GARS	NM_002047	133.2835644	7.279567792	3.60E-11	18.30926892
PCLO	NM_033026	178.0022537	1.966851553	5.39E-17	90.5011125
CRLF3	NR_073118	183.8791608	9.61077657	6.05E-15	19.13260177
SLC44A2	NM_020428	140.1934465	12.51938284	2.49E-10	11.19811162
METTL4	NM_022840	71.64618576	1.437308778	2.34E-07	49.84745578
DKC1	NM_001363	72.5186893	8.13000984	2.73E-05	8.919877186
QDPR	NM_000320	81.49452145	8.746334083	3.37E-06	9.317563298
COMMD3-BMI1	NM_001204062	173.8703536	10.16179911	2.44E-14	17.11019394
HMGB1	NM_002128	104.2901179	4.633014012	2.34E-10	22.5102099
TMEM63C	NM_020431	129.1516643	8.427588963	2.80E-10	15.32486514
MRPL49	NR_037568	156.0791608	22.92151507	3.50E-09	6.809286396
HMOX2	NM_001286267	188.8835644	9.253194757	9.71E-16	20.41279464
SRP19	NM_001204194	82.84843942	10.82519341	1.91E-05	7.653298769
LAMTOR2	NM_001145264	112.3934465	19.09701966	7.76E-06	5.885391987
SERTAD2	NM_014755	216.5230929	8.591625317	1.83E-19	25.20164519
BCAT1	NM_001178092	37.80880717	2.670293081	0.00337207	14.15904772
TMEM51	NM_001136216	74.58463932	8.619751592	2.99E-05	8.652759714
PICK1	NM_001039584	101.5121358	14.29401037	3.35E-06	7.101725348
CBX3	NM_016587	199.6044036	8.452022907	4.57E-18	23.61616926
DIS3L2	NM_001257281	186.9780858	6.164028886	2.16E-16	30.33374588
AARSD1	NM_001261434	132.0901179	10.09719824	6.66E-10	13.08185842
NEK7	NM_133494	71.64618576	3.835037159	1.76E-06	18.68200562
SLC35B3	NR_109914	197.698925	3.216967265	1.50E-21	61.45506273
PBLD	NM_001033083	131.2176143	7.693426023	9.33E-11	17.05581024
GCOM1	NM_001285900	92.37583215	6.102342721	1.56E-07	15.13776534
CLDND1	NM_019895	160.0505893	14.81530687	3.41E-11	10.80305597
NDRG4	NM_001242836	176.9692786	22.80128136	3.98E-11	7.761374278
WDTC1	NM_015023	53.69452145	5.262903074	0.000407369	10.20245304
NUTM2B-AS1	NR_120613	68.54726073	3.973550424	3.25E-06	17.25088483
SETD4	NM_017438	233.4417822	8.732226058	5.70E-21	26.73336451
QTRTD1	NM_024638	81.65499293	3.933411799	3.66E-07	20.75932984
SPECC1	NM_001033555	83.56047148	5.283911795	1.04E-06	15.81413065
ZNF417	NM_152475	121.2088072	7.329045348	4.99E-10	16.53814398
FAM3A	NM_001171134	99.44618576	8.70272993	9.90E-08	11.42701044
ZNF2	NM_001017396	134.1560679	10.22387316	1.20E-10	13.12184393
EMX1	NM_004097	58.69892504	12.30197576	0.003766103	4.771503876
EEFSEC	NM_021937	186.8176143	8.19833482	2.01E-15	22.78726332
CARHSP1	NM_001278260	274.1890429	25.34084771	1.25E-18	10.82004225
HM13	NM_178580	161.0835644	16.27737933	6.69E-11	9.896160866
GMIP	NM_001288999	232.7297501	10.39616431	6.90E-20	22.38611695
CDK16	NM_006201	70.61321075	10.30029409	0.000101541	6.85545579
SLC33A1	NM_004733	148.2967751	6.212609322	4.58E-13	23.87028822
BCL7B	NM_001707	93.40880717	10.93240679	1.29E-06	8.544212536
CNOT1	NR_049763	213.5846393	7.85550927	2.00E-18	27.18915248
RQCD1	NM_001271634	58.85939651	7.695353248	0.000426412	7.648693258
C14orf2	NM_004894	210.6461858	11.27588708	1.05E-17	18.68111877
BAMBI	NM_012342	241.3846393	10.46958038	1.20E-21	23.05580841
LOC100507431	NR_125383	57.66595002	4.924949667	0.000124673	11.708942
TSPAN13	NM_014399	169.898925	6.168167771	4.05E-15	27.54447209
CRELD1	NM_015513	124.4682037	13.32083201	1.32E-08	9.343876085
ACADSB	NM_001609	251.553918	9.591012601	1.28E-21	26.22808752
DCP1A	NM_001290206	211.6791608	6.864887973	1.22E-18	30.83504955
TYSND1	NM_001040273	125.3407072	24.21302716	2.51E-06	5.17658145
OXSM	NR_026937	191.8220179	13.68113832	9.63E-15	14.02091064
CRB1	NM_001257965	112.232975	2.374148857	1.83E-10	47.27293096
DNM3	NM_001278252	171.8044036	2.795038622	2.07E-16	61.46763132
PLK4	NM_001190801	89.59785007	4.591652021	4.84E-08	19.51320563
STK16	NR_026909	254.3319	35.62699682	2.25E-14	7.138740921
PPWD1	NM_001278929	130.1846393	6.393029792	2.44E-11	20.36352771

CAGE1	NM_205864	236.5407072	4.543423335	5.78E-23	52.06222044
MED15	NM_001293234	157.1121358	9.802382699	4.02E-12	16.02795367
CXorf56	NM_022101	63.70332862	1.95101508	2.89E-06	32.65137686
SUPT5H	NM_003169	166.9604715	16.81216094	1.29E-11	9.93093464
METTTL22	NM_024109	216.6835644	9.95166538	3.72E-18	21.7735983
SPC25	NM_020675	144.1648751	3.366005795	7.99E-15	42.82965742
ZNF627	NM_001290084	224.6264215	7.35159283	8.70E-21	30.55479631
DCLK2	NR_036614	69.58023574	4.602353515	2.24E-05	15.11840312
OSBPL9	NM_024586	41.78023574	4.197297238	0.001024082	9.954080773
USB1	NM_024598	221.6879679	8.477037148	2.57E-20	26.15158623
SGOL1	NM_001012409	108.4220179	4.579903255	2.41E-10	23.67342974
SUMF1	NM_001164675	147.9758322	3.495716014	1.77E-14	42.3306217
C9orf16	NM_024112	160.0505893	29.39502344	9.70E-08	5.444819245
TWF1	NR_073473	174.9033286	3.113686377	2.75E-19	56.17242954
PPIL6	NM_001111298	146.2308251	5.992460373	3.24E-13	24.40246843
TMPO	NM_001032283	169.898925	5.755574149	4.74E-15	29.51902289
FAM136A	NM_032822	157.1121358	18.622508	2.66E-10	8.43667973
RABL2A	NM_007082	143.1319	13.0078375	4.95E-10	11.00351231
FOXN2	NM_002158	69.58023574	2.666666616	2.09E-06	26.0925889
IL6ST	NM_001190981	185.0726073	3.256787175	5.73E-18	56.82674284
SRRM1	NM_005839	79.74951438	6.539831067	5.80E-06	12.19443034
OSCAR	NM_130771	60.76487506	5.725803427	0.000146554	10.61246266
TEAD2	NM_001256660	132.0901179	9.784043982	2.80E-10	13.5005646
KIAA1191	NR_109798	288.1692786	12.22968767	1.48E-25	23.56309387
UXS1	NM_025076	134.1560679	7.022719976	8.38E-11	19.10314926
SLC2A8	NM_014580	106.3560679	11.43260529	2.07E-07	9.302872371
IFNLR1	NM_170743	90.47035361	7.208884202	5.26E-07	12.54984143
MKNK1	NM_001135553	216.6835644	10.28288044	3.46E-18	21.07226332
PSTPIP2	NM_024430	93.40880717	5.155629174	6.91E-08	18.11782889
RFC2	NM_181471	131.2176143	13.14584674	2.32E-09	9.981678394
ACSF2	NM_001288971	219.4615464	13.02910896	2.23E-17	16.8439413
UQCR11	NM_006830	100.4791608	12.76079451	2.24E-06	7.874052095
EEF1D	NM_001130057	176.2572466	29.502143	1.04E-09	5.974387913
PTGR1	NM_001146109	79.5890429	10.34654134	3.57E-05	7.692333145
TK2	NM_001272050	94.60225365	7.423534115	3.33E-07	12.74356017
NEK4	NM_001193533	123.2747572	5.35225545	7.68E-11	23.03230074
RPUSD4	NM_001144827	144.1648751	10.0867382	1.43E-11	14.29251679
TOR1B	NM_014506	252.26595	18.11371045	4.23E-19	13.92679599
GNG5	NM_005274	176.9692786	12.72743406	8.00E-14	13.90455278
PYGB	NM_002862	341.7033286	9.931980838	6.51E-31	34.40434836
CLUL1	NM_001289036	41.94070721	4.804532217	0.004033634	8.729404928
LOC100289495	NR_040022	123.4352287	7.617562565	1.39E-10	16.20403214
CCNJ	NM_019084	89.59785007	7.399316863	5.62E-07	12.10893542
UBE3C	NM_014671	130.1846393	7.847538024	1.87E-10	16.58923333
SNPH	NM_014723	98.41321075	9.75081214	1.01E-06	10.09282195
CATIP-AS1	NR_110573	202.7033286	46.93871671	4.83E-07	4.318467628
MEPCE	NM_001194991	286.1033286	64.67759786	1.49E-11	4.423530528
ITPA	NM_033453	88.56487506	11.54233898	1.28E-05	7.673044015
TSPYL4	NM_021648	116.3648751	26.10306336	3.23E-05	4.457901107
CPB2-AS1	NR_046227	45.91213579	3.250415067	0.000434896	14.12500707
STX6	NM_001286210	114.298925	7.525987984	4.53E-09	15.18723193
RSRC1	NM_016625	180.7802357	2.189005227	3.28E-17	82.58556605
CCDC7	NM_145023	145.1978501	1.900108824	1.78E-14	76.41554435
SNX17	NM_001267059	82.68796794	19.87947109	0.000761404	4.159465188
P4HA3	NM_001288748	50.75606789	5.183267895	0.000670396	9.792291065
SEN8	NM_145204	120.3363036	2.908154087	5.64E-12	41.37892974
C15orf40	NM_001160113	167.9934465	8.593600027	4.51E-15	19.54866947
PQLC2	NM_017765	169.898925	10.79911423	1.80E-13	15.73267228
SEC13	NM_001278946	135.1890429	20.97918676	1.46E-07	6.443960123
SUCO	NM_014283	216.5230929	2.312903501	7.71E-23	93.6152731
PRPF38A	NM_032864	95.63522867	11.12536012	3.50E-06	8.596146788
ADAM15	NR_048577	154.0132108	15.04576306	1.09E-10	10.2363177

C2CD3	NM_001286577	102.3846393	5.604884919	1.31E-08	18.26703684
ZNF629	NM_001080417	89.59785007	19.75133909	0.000314729	4.536292434
SLC38A3	NM_006841	143.1319	9.854088073	9.69E-12	14.52512896
RAB5B	NM_001252036	102.3846393	12.68183188	9.95E-07	8.073332013
LMCD1	NM_001278234	81.49452145	5.516384521	8.09E-07	14.77317637
TANGO2	NM_001283148	149.0088072	9.224730796	1.45E-11	16.15318761
BCO2	NM_001256398	35.90332862	1.417115632	0.002273209	25.33549684
RPL17	NM_001199345	206.6747572	22.20343953	1.42E-13	9.308231588
LOC654342	NR_027238	108.4220179	9.393355339	5.26E-08	11.54241632
AVPI1	NM_021732	181.9736822	16.02446447	4.75E-13	11.3559915
PEX1	NM_001282677	189.7560679	4.656888294	2.67E-18	40.74739524
MAP3K11	NM_002419	146.2308251	15.40227567	3.63E-10	9.494105173
PXMP4	NM_183397	114.4593965	4.736597159	5.53E-11	24.16489996
SNX14	NR_123729	165.9274965	4.034667159	3.60E-15	41.1254485
UXT	NM_004182	78.55606789	3.232785017	6.82E-08	24.29981192
PPP1R8	NM_014110	176.9692786	11.74083859	5.03E-14	15.07296751
NTMT1	NM_001286798	261.5627251	19.50359701	1.35E-19	13.41099926
PHOSPHO1	NM_178500	187.8505893	16.90350628	2.12E-13	11.11311383
PDCD10	NM_145859	180.9407072	3.819223993	2.40E-17	47.37630146
GNG10	NM_001017998	65.76927864	8.548727649	0.000240453	7.693458178
LOC102724691	NR_110603	91.34285714	5.11393511	1.38E-07	17.86155967
ITGA3	NM_002204	172.1253465	24.1138104	4.18E-10	7.138040139
NOLC1	NM_001284389	88.72534654	19.10519205	0.000143911	4.644043688
ZNF44	NM_016264	59.89237152	5.407864689	8.04E-05	11.07504995
PACRGL	NM_001258346	150.0417822	4.726656767	1.10E-14	31.74374395
DHX33	NM_020162	94.44178218	8.651611696	2.81E-07	10.91609119
PRR14	NM_024031	113.4264215	16.67721336	8.04E-07	6.801281428
NEDD1	NM_152905	154.1736822	3.233362099	7.81E-15	47.68215792
FAM72C	NM_001287385	176.4177181	21.27122892	5.13E-11	8.293724764
FAM109A	NM_144671	79.5890429	14.89194711	0.000182753	5.344434968
SLC9A5	NM_004594	65.76927864	15.55530128	0.003825337	4.228094169
HIP1	NM_001243198	67.67475719	6.700122598	2.36E-05	10.10052521
LINC00620	NR_027103	59.73190005	6.079898736	0.000130918	9.824489295
POLR3H	NM_001282885	75.93855729	17.70209168	0.001281559	4.289807027
MAFB	NM_005461	124.3077322	9.739065789	1.76E-09	12.76382508
TRMT10C	NM_017819	175.9363036	9.676812693	3.68E-15	18.18122446
MED25	NM_030973	241.3846393	9.914172587	3.84E-21	24.34743164
IQCG	NM_032263	56.95391796	10.50775391	0.002873238	5.420180037
LIMCH1	NM_001289122	93.40880717	3.764420928	1.12E-08	24.81359257
STARD3NL	NM_032016	129.3121358	3.666894307	9.49E-12	35.26475676
METTL13	NM_014955	126.3736822	7.036880954	4.82E-11	17.9587637
SF3B6	NM_016047	156.0791608	11.03058357	1.98E-12	14.14967393
TGFBR3	NM_001195683	75.61761433	5.032299182	6.81E-06	15.02645443
ANAPC10	NM_001256710	141.2264215	4.16699541	1.97E-12	33.89166716
POFUT2	NR_004858	113.26595	3.1086486	4.14E-11	36.43575219
PRKAR1A	NM_212472	220.8154644	6.772055669	2.11E-20	32.60685901
APIP	NM_015957	147.1033286	7.385805605	2.03E-12	19.91703228
CBX5	NM_012117	159.0176143	11.49838413	1.63E-12	13.82956183
PTER	NM_030664	179.7472607	5.478375639	1.63E-16	32.81032054
NDUFB8	NM_001284368	174.0308251	22.91095548	1.36E-10	7.595965398
APOBEC3H	NM_001166003	56.63297501	5.232170123	0.000216973	10.82399343
LOC100289561	NM_001242713	130.3451108	6.676060546	1.09E-11	19.52425535
PSMD8	NM_002812	99.44618576	18.93593888	3.81E-05	5.251716664
KIF3C	NM_002254	65.60880717	6.349241923	3.51E-05	10.33332923
ZNF771	NM_016643	188.7230929	20.15994514	1.66E-12	9.361290003
FAM86B2	NM_001137610	59.73190005	9.302718563	0.000993354	6.420908
DCLRE1B	NM_022836	119.4638001	6.99004111	2.20E-10	17.09057189
LOC101928103	NR_110292	99.44618576	2.907152292	2.13E-09	34.20742217
GPR98	NR_003149	71.80665724	1.838808562	1.92E-06	39.05064328
LRSAM1	NM_001005373	121.3692786	10.57293863	9.21E-09	11.47923797
PDXDC1	NM_001285448	110.8089109	13.82890931	2.96E-07	8.012845295
CCT3	NM_001008800	143.2923715	13.09408148	2.54E-10	10.9432931

STX4	NM_001272095	76.65058935	14.87445133	0.000262638	5.153170874
CLN3	NM_001286105	70.61321075	8.771874188	0.000110424	8.049957083
HMGA2	NM_001300918	74.58463932	5.14070235	6.35E-06	14.5086477
DUT	NM_001025248	232.4088072	11.1127668	3.70E-20	20.91367625
MBD1	NM_001204141	75.77808581	17.22433016	0.001182741	4.399479404
DYNC1I2	NM_001271787	98.57368223	2.583899691	8.46E-10	38.14919077
C11orf80	NM_024650	84.59344649	8.094841258	2.99E-06	10.45029097
TOR2A	NM_001252018	159.8901179	16.08274794	4.32E-11	9.941716336
BRE	NM_199194	135.0285714	3.898184843	1.46E-12	34.6388324
GEMIN7	NM_001007269	179.0352287	14.62513779	3.08E-13	12.2416097
MPP2	NM_001278376	83.56047148	6.745296561	2.76E-06	12.38796111
MORF4L1	NM_001265603	69.58023574	7.512462635	6.73E-05	9.261974285
ANKRD49	NM_017704	79.5890429	5.612452306	1.85E-06	14.1807963
ACACA	NM_198834	121.3692786	5.942028762	3.68E-10	20.4255623
ZBTB48	NM_005341	179.9077322	26.9327829	1.82E-10	6.679879048
SEC11C	NM_033280	133.1230929	5.386257963	3.93E-12	24.71532069
CES3	NM_001185177	78.55606789	6.799094227	5.79E-06	11.55390193
LINC00441	NR_046414	187.8505893	9.89882233	5.08E-16	18.97706445
STMN3	NM_015894	134.1560679	18.74970375	6.40E-08	7.155103339
CTSH	NM_004390	88.56487506	18.55577612	0.000190897	4.772900604
ZKSCAN8	NM_001278122	139.1604715	3.034085248	6.63E-15	45.86570914
MYADM	NM_001290191	182.8461858	17.13881021	3.66E-13	10.66854604
THEMIS2	NM_001105556	223.5934465	17.27994271	1.94E-16	12.93947846
VDAC3	NM_005662	102.5451108	8.259724748	8.45E-08	12.41507604
TSFM	NM_001172695	178.8747572	5.59898471	5.81E-18	31.94771311
MORN1	NM_001301060	69.74070721	11.45486501	0.000316931	6.088304588
AMBRA1	NM_001300731	148.1363036	6.323107774	6.01E-13	23.42776826
NUMB	NM_001005744	123.4352287	3.459702128	1.29E-11	35.6779931
LOC100128164	NR_024409	134.1560679	3.419819717	1.33E-14	39.22898837
IL17RC	NM_001203264	86.65939651	10.63963329	6.56E-06	8.144960838
KCTD14	NM_023930	94.76272513	9.518724225	1.17E-06	9.95540189
CSDE1	NM_001242893	141.06595	5.168419308	6.84E-13	27.29382846
PQLC3	NM_152391	165.9274965	11.42357289	8.92E-13	14.52500877
ITFG3	NR_104317	51.7890429	7.719787151	0.002495399	6.70861021
CTSC	NM_001114173	144.1648751	4.955655728	2.08E-13	29.09097867
PPCS	NM_001287509	188.7230929	13.14943591	5.17E-15	14.35218166
SKP2	NM_001243120	166.9604715	5.693555033	7.21E-15	29.32446784
SMPD4	NM_017951	92.53630363	14.77967792	1.26E-05	6.261050083
SACM1L	NM_014016	120.1758322	4.865413657	1.24E-10	24.7000236
SPRYD4	NM_207344	96.5077322	15.6350347	1.55E-05	6.172530735
APOA1BP	NM_144772	170.0593965	35.65748102	1.92E-07	4.769248742
SLC22A15	NM_018420	47.65714286	4.35567805	0.00133544	10.94138325
ASXL1	NM_001164603	71.64618576	12.44098818	0.000418799	5.758882232
C4orf22	NM_001206997	31.77142857	0.728384204	0.001888918	43.61905211
ARFIP2	NM_001242856	149.0088072	33.30112209	1.67E-06	4.474588176
LRRC20	NM_018239	184.7516643	7.211968229	7.58E-16	25.6173708
R3HCC1L	NM_001256619	123.2747572	2.90507409	7.27E-12	42.43429027
ZNF3	NM_001278290	120.3363036	9.675162009	6.32E-09	12.43765257
SH2B1	NM_001145795	141.06595	11.02247643	4.99E-11	12.79802691
CALM3	NM_005184	143.1319	19.30233234	6.09E-09	7.415264516
GABARAPL1	NM_031412	105.3230929	6.686336103	1.35E-08	15.75198902
NPM2	NM_001286680	54.72749646	9.298812416	0.003379836	5.885428592
KIAA1958	NM_133465	39.87475719	3.471172398	0.00188258	11.48740328
ACCS	NM_032592	173.8703536	9.249490734	4.71E-15	18.79782991
UCHL3	NM_006002	248.4549929	2.141375301	1.03E-27	116.0258983
CYP2S1	NM_030622	117.5583215	10.25834134	2.02E-08	11.4597787
CDKN2B-AS1	NR_047532	49.72309288	5.458419622	0.00140334	9.109430262
ELP6	NM_001031703	177.8417822	15.90500068	2.03E-12	11.18150107
RPL21	NM_000982	164.8945215	15.84912026	8.58E-12	10.4040173
TTLL11	NM_001139442	44.87916077	5.926015978	0.002586893	7.573243296
NDUFA8	NM_014222	139.1604715	6.358379338	8.17E-13	21.88615433
CSRP1	NM_001193571	47.81761433	6.781468782	0.003876688	7.05121794

COPS7B	NM_022730	138.2879679	10.03997945	8.40E-11	13.77373017
LZIC	NM_032368	47.81761433	5.016563775	0.000740221	9.531945866
ME2	NM_001168335	132.4110608	3.92795187	8.59E-12	33.70994992
ACOT9	NM_001037171	96.34726073	2.874218658	1.03E-09	33.52120078
BAZ2B	NR_110586	72.5186893	3.397980001	2.78E-06	21.34170574
FBXW8	NM_153348	115.3319	6.039777935	9.69E-10	19.09538749
MSANTD2	NM_001301087	116.3648751	7.406159503	1.60E-09	15.71190507
RUSC2	NM_014806	109.4549929	6.009011579	2.66E-09	18.21514096
DPYSL2	NM_001386	49.88356436	5.722290955	0.001353658	8.717411392
INPP5J	NM_001284285	102.3846393	8.898548074	6.91E-08	11.50576908
CENPA	NM_001042426	71.64618576	11.96244398	0.000296561	5.989259875
ENOPH1	NM_021204	130.3451108	9.506326004	4.37E-10	13.71140762
SIGMAR1	NM_001282207	253.4593965	25.09523053	1.16E-16	10.0999031
SLC39A1	NM_001271957	175.9363036	19.55098299	8.82E-12	8.998846949
FAM21C	NM_001169106	161.0835644	4.90087223	1.16E-14	32.86834604
P4HA1	NM_001142595	195.7934465	4.000806045	2.03E-18	48.93849996
ZNF621	NM_001287245	257.2703536	13.76255349	4.41E-21	18.69350435
RPL6	NM_001024662	256.3978501	26.10030887	2.59E-17	9.823556162
CD47	NM_198793	111.3604715	4.661375026	7.51E-10	23.89004765
MRPL18	NM_014161	119.3033286	9.02035928	1.93E-09	13.2260063
ZSWIM3	NR_037628	111.3604715	8.229560794	3.85E-09	13.53176363
BTN2A1	NM_001197234	80.46154644	12.33558409	8.99E-05	6.522718816
WDR81	NM_152348	80.78248939	13.36937522	0.000100331	6.042353367
SEC11A	NM_001271918	205.6417822	6.261846641	1.64E-18	32.84043733
CRYBB2P1	NR_033733	234.4747572	10.42229822	2.75E-20	22.49741393
RIOK2	NM_018343	102.7055823	3.559428009	1.08E-09	28.85451877
POLR3B	NM_018082	218.5890429	4.746898505	3.94E-20	46.04881327
YWHAG	NM_012479	392.4593965	10.91832143	3.40E-36	35.94503047
ZFAND4	NR_104256	40.74726073	2.989910992	0.001395138	13.62825209
SMIM19	NM_001135675	137.0945215	12.83420814	8.41E-10	10.68196183
PEPD	NM_001166057	109.4549929	7.748359885	2.55E-08	14.12621439
LCORL	NM_001166139	133.1230929	3.375943377	7.19E-13	39.43285714
ZSCAN26	NM_152736	160.0505893	8.701597479	1.73E-13	18.39324213
CCDC40	NM_001243342	79.74951438	9.78738125	3.59E-05	8.148197393
SEZ6L2	NM_001114100	52.66154644	6.8996543	0.002320105	7.632490579
SLC39A9	NM_018375	126.2132108	5.090933611	3.97E-11	24.79176128
PTBP2	NM_021190	138.1274965	4.138837795	3.38E-12	33.37349838
DCXR	NM_016286	408.3451108	57.78470571	2.39E-20	7.066664193
LOC101929378	NR_110249	94.44178218	2.853628299	9.53E-09	33.09533417
RPP14	NR_049758	185.7846393	13.5859631	1.78E-14	13.67474929
ATXN3	NM_001164780	116.3648751	4.860906175	2.03E-10	23.93892638
ARHGEF2	NM_001162383	69.74070721	8.952859064	7.99E-05	7.789769359
EMC3-AS1	NR_103821	117.3978501	6.69436395	6.14E-10	17.53681917
LINC00115	NR_024321	187.8505893	33.30105442	6.36E-08	5.640980222
COG5	NM_006348	75.61761433	3.696918976	1.03E-06	20.45422548
EIF2A	NM_032025	68.7077322	4.84160103	1.46E-05	14.19111814
SEPT7P9	NR_027269	121.3692786	3.969364122	9.78E-12	30.57650418
RPL8	NM_033301	219.9429609	40.35306713	4.77E-10	5.450464525
DUS4L	NM_001270419	193.7274965	4.672186264	2.96E-20	41.46399255
NAF1	NM_138386	131.3780858	4.201398053	3.23E-12	31.27008775
MAP3K13	NM_001242317	146.2308251	5.00886765	1.04E-12	29.19438789
MYD88	NM_001172568	76.49011787	15.34750539	0.000487838	4.983879526
CXCL3	NM_002090	106.3560679	4.265214381	7.67E-10	24.93569101
ZCCHC10	NM_001300818	171.9648751	4.042892012	3.59E-17	42.5351146
EIF3C	NM_001267574	294.3671287	39.97451681	4.42E-17	7.36386959
LMNB1	NM_005573	172.9978501	8.88316913	8.54E-15	19.47478963
MRPL40	NM_003776	299.0505893	21.09938043	1.32E-22	14.1734299
GRB7	NM_005310	82.52749646	16.47458935	0.000330936	5.009381097
BSCL2	NM_001130702	252.26595	22.19165672	2.57E-17	11.36760329
GCH1	NM_000161	231.6967751	5.469729379	4.11E-22	42.35982424
MFS1	NM_022736	88.56487506	4.494846633	9.16E-08	19.70364782
IMPA1	NM_005536	334.953918	8.048741995	5.08E-32	41.6156858

SMPD1	NM_001007593	136.0615464	20.66978442	5.21E-08	6.582630167
EIF6	NM_001267810	110.3274965	17.31421525	1.78E-06	6.372076057
SCAMP1-AS1	NR_105014	143.1319	26.46479015	1.38E-06	5.40838976
ORC5	NM_181747	309.9319	3.770986237	4.30E-33	82.18855243
CDK5RAP1	NM_001278169	227.4044036	8.12610481	1.16E-20	27.98442906
LINC01123	NR_046110	333.7604715	63.30402812	1.22E-15	5.272341767
CRYBG3	NM_153605	218.5890429	3.886544246	1.79E-20	56.2425201
CYB5R4	NM_016230	215.8110608	3.390317239	8.88E-22	63.65512299
COL13A1	NM_080802	169.898925	7.727332562	6.27E-14	21.98674946
KIF27	NM_017576	56.63297501	3.765226404	3.88E-05	15.04105436
OIP5	NM_007280	215.6505893	8.520299686	4.38E-19	25.31021176
RLIM	NM_183353	63.70332862	3.11229344	5.61E-06	20.46829126
ASH2L	NM_001105214	106.5165394	5.593119327	2.44E-09	19.04421006
SCFD1	NM_182835	230.5033286	2.815573777	2.03E-23	81.86726644
ZNF774	NM_001004309	109.4549929	7.071659404	5.65E-09	15.4779786
C14orf159	NM_001102368	105.4835644	8.460332177	4.55E-08	12.46801688
RTCA	NM_001130841	161.0835644	6.903078222	3.05E-14	23.3350339
SNX21	NM_152897	178.0022537	15.09989562	2.77E-13	11.78831021
ST7L	NM_138728	99.44618576	5.102558933	1.98E-08	19.48947324
CCDC63	NM_001286243	132.2505893	6.466574022	9.93E-11	20.45141506
HIPK1-AS1	NR_110726	100.4791608	9.229480338	1.26E-07	10.88676254
GK5	NR_033289	266.2461858	3.775567722	2.59E-26	70.5181857
PANK2	NM_153640	96.5077322	8.630705698	1.70E-07	11.18190512
DDX52	NM_001291476	161.9560679	6.716834193	2.57E-14	24.11196454
CHCHD4	NM_001098502	60.60440358	12.6736279	0.003453454	4.781930169
CCDC120	NM_001163323	85.46595002	14.14853241	6.96E-05	6.04062298
PTPRG	NM_002841	111.3604715	4.741716738	2.57E-09	23.48526443
FGF18	NM_003862	61.6373786	14.11562617	0.002693152	4.366606048
MFF	NM_001277064	63.70332862	4.132898487	4.41E-05	15.41371723
VAV2	NM_001134398	157.9846393	7.552637891	8.92E-13	20.91780933
ARL17A	NM_001288811	92.53630363	8.413381301	6.72E-07	10.99870555
ZMAT1	NM_001011657	123.1142857	0.957354979	5.70E-14	128.5983657
ESR2	NM_001291712	125.1802357	3.554231159	4.59E-12	35.2200603
GM2A	NM_001167607	86.49892504	11.72547878	2.67E-05	7.377005805
ASNSD1	NM_019048	141.06595	8.287875371	1.44E-11	17.0207615
C14orf166	NM_016039	150.0417822	4.623100183	8.76E-15	32.45479791
SETMAR	NR_075073	52.82201792	5.408405997	0.000420296	9.766651753
SPA17	NM_017425	54.72749646	4.849750665	0.00026279	11.28460002
SDC1	NM_002997	72.5186893	17.262493	0.00147937	4.200939535
RREB1	NM_001003700	78.55606789	7.336037834	1.83E-05	10.70824192
TM9SF2	NM_004800	82.68796794	3.723167953	8.19E-08	22.20903515
GCDH	NM_013976	134.3165394	13.82088104	1.11E-09	9.718377504
SEC1P	NR_004401	96.34726073	10.80244955	1.07E-06	8.919019737
DEK	NM_003472	67.67475719	4.556862772	1.44E-05	14.85117296
TRPM7	NM_001301212	219.4615464	4.49430303	2.70E-20	48.83105233
NXNL2	NM_145283	60.76487506	7.023253893	0.000463213	8.651954775
PMS2P4	NR_046299	174.9033286	3.705103439	6.37E-18	47.20605821
ANAPC1	NM_022662	154.0132108	4.143984654	7.97E-14	37.16548772
PDIK1L	NM_001243533	111.520943	8.423365141	1.05E-08	13.23947628
TMEM248	NM_017994	48.69011787	6.391929408	0.001225334	7.617436733
MTMR12	NM_001294344	137.2549929	6.081670817	4.53E-12	22.56863238
EXOSC5	NM_020158	95.47475719	19.61253446	0.000129081	4.868047901
ARRB2	NM_001257331	93.40880717	13.61878321	1.18E-05	6.858821798
CLK4	NM_020666	155.0461858	3.710465605	1.22E-15	41.78618057
ISCA1	NM_030940	216.6835644	7.80967166	3.96E-20	27.74554089
OASL	NM_003733	77.52309288	6.939283838	8.02E-06	11.17162732
FLAD1	NM_025207	111.3604715	12.37554198	2.19E-07	8.99843188
TINAGL1	NM_022164	167.832975	17.6979921	2.52E-11	9.48316476
LOC642846	NR_024374	155.0461858	10.51435421	2.81E-12	14.74614443
ICA1	NM_001276478	58.69892504	3.633447147	2.27E-05	16.15516138
TMEM263	NM_152261	106.6770108	8.055522465	1.14E-08	13.24271781
MPP3	NM_001932	65.60880717	9.442489692	0.000510416	6.948252983

SEPT7P2	NR_024271	101.3516643	4.664985174	1.07E-08	21.7260421
TRIM23	NM_033228	90.63082508	5.39951887	7.22E-08	16.78498164
HELLS	NM_001289074	197.698925	5.35806054	1.29E-18	36.89747877
TBC1D13	NM_018201	138.1274965	11.72076199	5.77E-10	11.78485636
DBR1	NM_016216	288.0088072	5.45722508	3.19E-31	52.77568781
NOP14	NM_001291979	110.3274965	13.88372557	1.92E-07	7.946533941
FAM160A1	NM_001109977	106.3560679	3.434889071	7.64E-10	30.9634651
CETN3	NM_001297765	215.4901179	7.465951592	4.07E-20	28.86304783
SZRD1	NR_073500	96.34726073	9.745217585	8.39E-07	9.886619759
NMNAT1	NM_022787	211.8396323	8.004838299	6.14E-19	26.46394897
POLL	NM_013274	175.0638001	24.59080774	5.03E-10	7.119074817
STRADA	NM_001165969	265.3736822	13.83227809	4.36E-21	19.18510317
RASSF5	NM_182663	84.59344649	9.096892865	2.94E-06	9.299158266
RTEL1	NM_016434	123.2747572	23.60731031	3.91E-06	5.221889135
METTL2B	NM_018396	161.0835644	12.56046627	4.71E-12	12.82464846
TRAPPC1	NM_021210	136.2220179	22.00274353	7.26E-07	6.191137835
CEP112	NM_001199165	94.44178218	3.426710038	1.19E-08	27.56048254
ZNF207	NM_003457	267.2791608	9.730449738	3.72E-24	27.46832551
SNX5	NM_152227	108.5824894	17.25591261	1.53E-06	6.292480254
MAP3K4	NM_001291958	142.098925	3.758726677	9.24E-14	37.80506997
MYZAP	NM_152451	92.37583215	6.151277125	1.43E-07	15.01734197
NDUFC1	NM_002494	184.0396323	14.70757674	1.21E-13	12.51325324
C2orf68	NM_001013649	194.7604715	24.05685977	2.45E-12	8.09583933
CTNND1	NM_001085462	103.4176143	7.49936441	6.17E-08	13.7901839
CHEK2	NM_145862	165.9274965	7.231309629	3.84E-14	22.94570485
YIPF4	NM_032312	84.43297501	4.267252592	1.79E-07	19.78626135
ALKBH5	NM_017758	96.5077322	11.56841812	8.43E-07	8.342344754
GEMIN2	NM_001009183	171.0923715	4.56099272	1.89E-17	37.51209046
IMMP2L	NM_001244606	118.2703536	2.16413819	7.03E-11	54.65009312
SNX13	NM_015132	166.9604715	2.044727526	2.03E-16	81.65414185
FHL2	NM_001450	97.38023574	10.75539624	9.99E-07	9.054081653
HERC6	NM_017912	92.53630363	5.441766213	1.15E-07	17.00482895
ANKRD42	NM_001300977	110.4879679	4.584985331	1.80E-10	24.09778003
ILK	NM_004517	151.0747572	29.41340202	1.29E-07	5.136255815
SPG21	NM_001127889	50.91653937	6.881186985	0.002283013	7.3993832
AREG	NM_001657	520.4176143	16.79517358	5.25E-50	30.98614086
TECR	NM_138501	309.0593965	10.16028292	6.22E-27	30.4183849
DCLRE1C	NM_001033855	138.2879679	7.899137234	2.75E-11	17.50671799
CD99L2	NM_001242614	50.75606789	4.419577115	0.000774098	11.48437205
ZNF133	NM_001282997	51.7890429	4.027736688	0.000530199	12.85810045
MBD4	NM_003925	102.5451108	10.89762624	2.83E-07	9.409857575
KIAA0141	NM_001142603	269.3451108	12.50691169	6.79E-23	21.53570101
MAP2K7	NM_001297556	78.55606789	10.93149698	0.000102469	7.186213203
DCAF6	NM_001017977	105.3230929	3.283292227	5.67E-10	32.07850096
DYNC1LI2	NM_006141	128.1186893	10.20036906	8.99E-10	12.56020135
ARNT	NM_001286036	67.67475719	4.095538779	1.73E-05	16.52401817
CYB5A	NM_001190807	44.87916077	6.380657218	0.002229898	7.033626669
GDA	NM_001242506	155.0461858	3.699383703	4.69E-15	41.91135557
ATXN7L3B	NM_001136262	246.2285714	22.36665193	3.96E-17	11.00873623
PAK2	NM_002577	169.898925	4.309095908	2.23E-15	39.42797483
RBM19	NM_016196	57.66595002	7.656294656	0.000967597	7.531835256
TMEM138	NM_016464	189.7560679	17.54954115	2.60E-13	10.81259426
NKIRAS2	NM_001144928	143.1319	15.4240708	8.39E-10	9.279774575
NRF1	NM_005011	57.66595002	6.56310586	0.000250455	8.786381213
ZNF160	NM_198893	110.3274965	7.42023847	6.45E-09	14.86845698
DUOX1	NM_017434	134.3165394	13.72754515	1.99E-09	9.784454389
CEBPZ	NM_005760	155.2066572	5.796496077	1.09E-13	26.7759445
CAPRIN2	NR_038177	71.64618576	3.339642327	9.46E-07	21.4532512
CYTH1	NM_017456	78.55606789	8.947190075	1.81E-05	8.779970833
GTF2H3	NM_001271868	233.4417822	10.49197401	1.36E-19	22.2495578
U2AF1	NM_006758	115.3319	10.44502607	4.15E-08	11.04180107
LEPRE1	NM_022356	179.9077322	10.47366765	1.85E-14	17.17714732

RBM6	NM_005777	179.9077322	7.247701379	4.54E-15	24.82272969
THAP5	NM_001130475	160.0505893	9.406923844	2.52E-13	17.01412619
TINCR	NR_027064	70.61321075	8.084997962	7.21E-05	8.733856345
ZBTB6	NM_006626	144.1648751	9.227084213	4.44E-12	15.62409876
SERPINB9P1	NR_033851	53.69452145	11.80370777	0.004215424	4.548953812
GEN1	NM_001130009	80.62201792	4.202749763	7.74E-07	19.18315923
PEX14	NM_004565	82.52749646	6.759379006	1.08E-06	12.20933112
HNRNPUL2	NM_001079559	118.4308251	11.7717153	2.62E-08	10.060626
HTRA2	NM_013247	189.0440358	22.01949174	1.01E-11	8.58530424
IFT43	NR_045664	50.91653937	6.538173088	0.000780822	7.787578989
RALGAPA1P	NR_104269	105.3230929	2.279235593	6.66E-10	46.20983157
NF2	NM_181831	158.1451108	6.677396172	4.16E-13	23.68364954
LYSMD3	NM_001286812	173.8703536	7.113769066	6.22E-16	24.4413829
DDIT3	NM_001195055	369.5033286	43.28384202	3.74E-22	8.536749774
ENOX1	NM_001242863	57.66595002	2.068104376	4.66E-05	27.88348145
FAM178A	NM_018121	207.7077322	8.847159706	2.24E-17	23.477335
TIMELESS	NM_003920	293.3341537	11.72260889	2.33E-25	25.02294126
POMP	NM_015932	198.7319	9.681722198	1.00E-16	20.52650303
MAP3K6	NM_001297609	144.1648751	15.38255802	1.55E-09	9.371970183
RPL7A	NM_000972	235.5077322	40.07376595	9.86E-12	5.87685551
ABLIM2	NM_032432	130.1846393	7.245818393	2.09E-10	17.96686478
DRG2	NM_001388	143.2923715	16.79440483	4.13E-09	8.532149427
ZNF485	NM_145312	47.81761433	5.808587048	0.000747652	8.23222824
CPA6	NM_020361	52.82201792	4.819019964	0.00082329	10.96115358
ZNF460	NM_006635	108.2615464	6.761770735	2.35E-09	16.01082774
ARF1	NM_001024226	78.71653937	16.39243345	0.00028363	4.802004511
CARD8	NM_001184902	183.0066572	5.106778168	2.37E-17	35.83603032
SPATA41	NR_028140	55.76047148	6.794582782	0.000240758	8.206607125
FBXL18	NM_024963	137.4154644	9.155474885	1.50E-10	15.00910287
SETD1A	NM_014712	62.67035361	13.59986931	0.002551388	4.608158518
PLGRKT	NM_018465	267.2791608	4.762634109	7.73E-26	56.12002826
ARL2	NM_001667	122.2417822	17.33553723	2.77E-07	7.051513924
SH3BGR1	NM_003022	41.78023574	0.792772927	7.62E-05	52.7013907
KAT8	NM_032188	154.0132108	17.28547449	2.11E-10	8.909978769
PECR	NM_018441	306.9934465	4.819154189	2.83E-30	63.70276493
PPA2	NM_176867	203.7363036	4.901870215	1.12E-18	41.56297387
NT5C2	NM_012229	147.9758322	6.926267335	3.70E-12	21.36444134
SARAF	NM_001284239	145.0373786	7.710199142	4.87E-12	18.81110668
NEDD4	NM_006154	89.59785007	2.946454833	3.18E-08	30.40869627
TMEM106C	NM_001143843	208.7407072	12.15315276	2.68E-17	17.17584822
DNAJB14	NM_001278310	94.44178218	3.429518327	3.83E-09	27.53791442
NFS1	NR_037570	134.3165394	10.77597542	2.67E-10	12.46444374
CXorf38	NM_144970	81.49452145	3.058792786	1.34E-07	26.64270748
GBE1	NM_000158	130.1846393	2.352549196	1.78E-12	55.33769052
RBL1	NM_002895	232.5692786	5.122280437	1.40E-21	45.40346463
CDPF1	NM_207327	236.5407072	22.20757548	1.99E-16	10.65135217
MTUS1	NM_001001925	41.78023574	4.795854649	0.004431306	8.711739366
CLK2	NM_003993	100.3186893	22.79246145	0.000125137	4.401397783
C1orf216	NM_152374	229.4703536	27.65229809	2.78E-14	8.29841892
KDM2A	NM_012308	106.3560679	6.858124838	7.10E-09	15.50803906
ALDH3A2	NM_000382	175.9363036	3.838076749	5.58E-18	45.8397044
ITPR1	NM_001099952	141.06595	5.088710878	4.54E-12	27.72135289
AARS	NM_001605	234.4747572	11.21297801	3.69E-19	20.91101552
NCSTN	NM_001290184	164.0220179	10.64557666	5.45E-13	15.40752776
BCAS3	NM_001099432	172.9978501	4.388159973	2.87E-15	39.42377925
SAMM50	NM_015380	100.4791608	8.530678705	1.02E-07	11.77856584
VDAC1	NM_003374	272.1230929	13.78949486	7.21E-22	19.73408712
GCAT	NM_014291	201.6703536	19.53287158	2.74E-14	10.3246649
FLYWCH2	NM_001142499	95.47475719	11.78504001	4.30E-06	8.101351975
GLIPR1L2	NM_152436	54.88796794	0.902940799	1.32E-05	60.78800291
STX16	NR_037942	228.5978501	9.308621976	4.04E-20	24.55764674
ZNF611	NM_001161501	83.72094295	5.966114125	5.53E-07	14.03274245

CKLF	NM_001040138	123.2747572	9.857002335	9.03E-10	12.50631308
EAF1	NM_033083	201.8308251	6.023036107	1.50E-19	33.5098149
ZNF397	NM_032347	215.6505893	13.55113698	4.17E-17	15.91383732
ZSCAN32	NM_001284529	140.1934465	9.899080275	2.97E-11	14.16226989
DDX21	NM_001256910	101.5121358	6.869915108	3.28E-08	14.77633045
RRBP1	NM_001042576	189.7560679	11.16419312	4.18E-15	16.9968457
ZNF613	NM_024840	63.70332862	2.322872553	2.06E-06	27.42437528
ULK1	NM_003565	55.6	11.89639266	0.004413936	4.673685679
CDIP1	NM_001199056	63.54285714	10.1816878	0.00086606	6.240896244
STRAP	NM_007178	121.3692786	6.646137955	3.27E-10	18.26162494
B9D2	NM_030578	126.3736822	10.44419315	1.22E-09	12.099899
NUP50-AS1	NR_038956	235.3472607	7.587888679	5.61E-21	31.01617205
CCDC71L	NM_175884	91.50332862	9.751329778	2.86E-06	9.383676965
UBE2B	NM_003337	67.67475719	11.55959182	0.000272069	5.85442447
HMGB2	NM_002129	178.0022537	19.74686421	2.10E-11	9.01420356
CXADR	NM_001207065	133.2835644	4.788993758	4.23E-12	27.83122533
LMCD1-AS1	NR_033378	67.83522867	4.087200948	3.65E-06	16.59698888
PEX5	NM_001131024	41.78023574	6.233348241	0.003554779	6.702695585
CCPG1	NM_001204451	56.79344649	4.161889513	0.00019578	13.64607261
PGAP1	NM_024989	217.5560679	1.040119644	1.91E-24	209.1644641
GPATCH4	NM_015590	127.2461858	26.19795072	3.34E-06	4.857104555
PPP2R5C	NM_178587	116.3648751	7.563835836	3.67E-09	15.38437343
EML4	NM_001145076	187.6901179	4.314318296	4.72E-17	43.50400341
NME1-NME2	NR_037149	314.0638001	38.86731394	4.42E-19	8.080409172
PSMB6	NM_002798	227.5648751	27.16706659	1.85E-13	8.376497858
LOC652276	NR_015441	255.3648751	12.19201544	1.62E-21	20.94525522
DBF4B	NR_036623	97.54070721	7.876221654	1.84E-07	12.38420038
USP2	NM_001243759	74.7451108	9.828319504	8.96E-05	7.605075391
RBPMS	NM_001008711	105.4835644	5.598914647	7.31E-09	18.84000221
ABCB10	NM_012089	66.64178218	7.398983799	0.000148368	9.006883106
ATP1A1-AS1	NR_024125	146.0703536	17.77091565	1.46E-09	8.219630124
INO80	NM_017553	69.58023574	6.097134831	2.25E-05	11.41195622
LEPR	NM_001003679	118.2703536	3.270903399	5.09E-11	36.15831445
ATP6V1E1	NM_001696	87.53190005	5.82995223	1.58E-07	15.01417106
ZBTB21	NM_001098403	125.1802357	10.13018919	1.23E-09	12.35714688
DGCR5	NR_110533	108.2615464	6.561211502	1.67E-08	16.50023725
SUPT4H1	NR_073470	231.6967751	17.72750488	2.32E-17	13.06990333
HDAC10	NM_001159286	196.8264215	33.06941674	3.06E-10	5.951916935
NKX3-1	NM_006167	263.3077322	18.31412213	1.53E-20	14.37730568
FAM86C1	NM_018172	125.1802357	5.970555441	1.92E-11	20.96626302
PPME1	NM_016147	77.52309288	5.189094893	3.06E-06	14.9396175
MAPK14	NM_001315	95.47475719	5.371970253	6.86E-08	17.77276356
TYW3	NM_138467	144.0044036	6.259969143	2.84E-12	23.00401173
SUCLA2	NM_003850	97.38023574	3.171251514	2.05E-09	30.70719408
ALS2	NM_001135745	90.63082508	6.435357518	3.16E-07	14.08326186
PRCP	NM_199418	111.520943	4.473711972	1.16E-09	24.92805609
EFCAB11	NM_001284268	169.0264215	3.155586912	3.46E-17	53.56417878
EP400	NM_015409	87.53190005	7.857461172	1.73E-06	11.13997233
LRIF1	NM_018372	182.8461858	4.630507053	1.81E-18	39.48729236
WDR91	NM_014149	199.6044036	7.562482687	2.15E-18	26.39403115
SRSF3	NM_003017	283.0044036	19.36647864	1.11E-21	14.61310591
SNRPD3	NM_004175	314.0638001	14.17517716	1.82E-26	22.15589947
CYB561D2	NR_111912	114.619868	21.61237449	4.51E-06	5.303437067
MTMR2	NM_201278	251.3934465	2.673525474	4.05E-26	94.03069053
ALOX5	NM_001256154	61.6373786	5.236817003	6.59E-05	11.77000811
CLINT1	NM_014666	98.41321075	3.646803764	2.95E-09	26.98615476
ARL5A	NM_001037174	69.74070721	3.286706672	1.20E-06	21.21902383
HMMR	NM_012485	76.49011787	6.019127414	2.05E-06	12.70784162
RBM14	NM_001198836	288.1692786	21.90046914	2.69E-21	13.15813268
PIGP	NM_153681	106.3560679	5.499937359	2.94E-09	19.33768713
COA6	NM_001206641	166.0879679	14.10289191	5.10E-12	11.77687307
SHC1	NM_183001	114.298925	26.95227947	5.59E-05	4.240788804

FAM91A1	NM_144963	107.5495144	4.875496562	1.52E-09	22.05919192
SMIM12	NM_138428	199.7648751	14.43920204	8.13E-16	13.83489715
NSUN6	NM_182543	120.1758322	3.868328773	1.84E-11	31.06660245
AFTPH	NM_017657	145.1978501	3.94143749	2.66E-13	36.83880575
RMND5A	NM_022780	90.47035361	5.535826131	1.09E-07	16.34270143
FTCDNL1	NR_034096	47.65714286	3.153298553	0.000263666	15.11342553
SNRPB2	NM_003092	186.8176143	6.806395265	8.39E-18	27.44736488
DCTPP1	NM_024096	60.76487506	10.87993046	0.002215798	5.585042595
KIF14	NM_014875	92.53630363	2.789575559	8.70E-09	33.17218038
RNF185	NR_024212	120.3363036	6.921240704	1.10E-09	17.38652198
CHPF2	NM_019015	156.9516643	14.81824244	3.48E-11	10.59178677
DHRS4-AS1	NR_023923	157.1121358	8.547288555	1.74E-13	18.38151769
PTAR1	NM_001099666	217.5560679	2.896060932	4.28E-22	75.12137107
RTN4	NM_020532	165.9274965	4.895598241	4.06E-15	33.89320126
ZNF251	NM_138367	183.0066572	10.86666555	5.33E-15	16.84110515
KIAA0556	NM_015202	137.2549929	8.073926882	6.65E-11	16.99978151
MAP2	NM_001039538	169.898925	1.896798563	2.83E-16	89.57141171
C17orf53	NM_001171251	91.6638001	10.12891249	2.18E-06	9.049717846
SERINC2	NM_178865	50.75606789	8.10242881	0.00225523	6.264302851
RPA3OS	NR_034084	150.0417822	2.476952174	1.55E-14	60.5751632
PIH1D2	NM_001082619	167.120943	8.580375136	2.34E-14	19.4771138
NRSN2-AS1	NR_109990	117.2373786	22.91800576	6.70E-06	5.115513968
ECD	NM_001135753	235.5077322	5.625389677	2.23E-22	41.86514103
REXO4	NM_001279350	230.5033286	13.29795281	6.86E-19	17.33374543
SIAE	NM_170601	103.4176143	11.11805387	3.03E-07	9.301773095
HAUS6	NM_001270890	102.5451108	4.962790038	6.35E-09	20.66279452
ARHGEF26	NM_001251963	273.1560679	5.105555543	1.38E-25	53.50173269
KIF24	NM_194313	108.4220179	5.700299411	2.68E-09	19.02040754
MPPE1	NR_040243	176.9692786	12.15870085	8.45E-14	14.55494965
SART1	NM_005146	97.54070721	13.63615548	2.95E-06	7.153094385
PAFAH1B2	NR_110269	177.8417822	11.74023134	1.37E-13	15.14806455
ZNF789	NM_213603	161.0835644	13.59488896	9.15E-12	11.84883266
ETF1	NM_004730	106.6770108	9.960243395	1.53E-07	10.71028153
CHST13	NM_152889	44.7186893	4.949960553	0.001704669	9.03415064
FLVCR1	NM_014053	147.1033286	4.795259763	1.41E-13	30.67682167
ODF2L	NM_020729	176.9692786	3.28207414	2.11E-17	53.91995156
HOMEZ	NM_020834	157.1121358	14.25941734	1.31E-11	11.01813153
AIFM1	NM_145812	105.3230929	3.905759419	1.59E-09	26.96609841
GPATCH8	NM_001002909	129.3121358	5.662797766	3.58E-11	22.83537946
POPI	NM_001145860	248.2945215	9.76935788	1.67E-21	25.41564395
SLC11A2	NM_001174129	103.5780858	4.279711025	4.24E-09	24.2021214
CCAR1	NR_104262	118.4308251	5.059725352	3.24E-10	23.40657187
PAAF1	NM_001267806	137.0945215	5.225484998	2.05E-12	26.23575065
CHST15	NM_001270764	152.9802357	13.7379831	5.21E-11	11.13556733
SLC25A3	NM_002635	253.298925	17.27014029	3.55E-20	14.6668713
KIF18B	NM_001264573	175.9363036	10.77153662	5.19E-14	16.33344525
KIAA0101	NM_014736	131.3780858	7.534440955	9.30E-11	17.43700516
LOC645166	NR_027355	92.53630363	7.184567174	3.84E-07	12.87987173
SDCBP2-AS1	NR_040049	136.3824894	13.42258304	1.42E-09	10.16067391
ST3GAL6	NM_001271145	74.7451108	11.6131017	0.000116987	6.436274538
S100A13	NM_001024210	87.53190005	16.36440557	5.41E-05	5.348920232
EIF4E	NM_001130678	176.8088072	5.05212464	1.10E-16	34.99692105
SLC25A17	NR_104237	133.2835644	5.508361573	4.21E-12	24.1965896
ABCB7	NM_004299	79.42857143	1.108093862	5.85E-09	71.68036407
FAM92A1	NM_001283034	235.5077322	14.06287696	2.26E-18	16.7467676
ZNF124	NM_001297569	126.2132108	5.330836581	2.65E-11	23.67606075
GJC1	NM_005497	47.81761433	5.542984832	0.001140295	8.626690454
ZSWIM7	NM_001042698	251.3934465	7.672695613	1.80E-23	32.76468391
ROPN1L-AS1	NR_102746	153.1407072	19.24964004	1.00E-07	7.955510176
DNMT3B	NM_006892	88.40440358	10.36161975	6.25E-06	8.531909658
MKL2	NM_014048	79.5890429	3.519571877	2.54E-07	22.61327391
FAM156A	NM_001242492	76.49011787	4.443798006	2.23E-06	17.21278009

UBE2D3	NM_181890	80.94296087	8.892421783	9.43E-06	9.102465318
ERICH5	NM_001170806	127.2461858	10.2509763	8.50E-10	12.4130797
TRPM6	NM_001177310	50.75606789	4.663903715	0.000792461	10.88274351
LOC441242	NR_103527	135.1890429	8.636676034	3.91E-11	15.65290192
PANX1	NM_015368	139.320943	8.863807182	1.73E-11	15.71795732
EMC1	NM_001271428	114.298925	10.18467866	2.40E-08	11.22263439
RBM7	NM_001286045	92.53630363	4.972141044	5.17E-08	18.61095709
P4HA2	NM_001017974	104.4505893	9.832753189	1.47E-07	10.62272055
DNM1L	NM_012062	110.4879679	4.236643991	9.70E-10	26.07912493
CD164	NM_001142403	227.5648751	7.378242976	6.44E-22	30.84269193
DPP3	NM_005700	212.7121358	8.638668744	2.35E-18	24.62325413
LINC00959	NR_034125	159.8901179	4.245871579	4.10E-15	37.65778472
PRKRA	NM_001139517	100.4791608	5.090326929	3.51E-09	19.73923525
MESDC2	NM_015154	250.3604715	10.82769266	4.97E-22	23.12223659
HNRNPH1	NM_001257293	340.8308251	23.26659531	5.78E-26	14.64893426
IMP4	NM_033416	106.6770108	16.4628771	6.65E-06	6.479852228
C12orf45	NM_152318	146.0703536	10.95419148	2.97E-11	13.33465403
INTS1	NM_001080453	63.70332862	12.59691641	0.002613202	5.057057344
MIER1	NM_001146110	162.9890429	7.120380766	9.19E-14	22.89049536
MCFD2	NM_001171507	158.1451108	14.01750463	1.74E-11	11.28197315
CCDC102B	NM_001093729	90.47035361	1.532333522	1.68E-08	59.04090219
UBR4	NM_020765	202.7033286	9.474375745	3.63E-17	21.39490074
G2E3	NM_017769	121.3692786	3.53264968	8.63E-12	34.35644336
ZNF596	NM_001287256	110.3274965	12.14910946	1.02E-07	9.081117992
SLC44A3	NM_001301079	61.79785007	6.317653805	6.91E-05	9.781772154
LOC100505921	NR_110018	40.74726073	3.518784292	0.001180395	11.57992572
RAD51	NM_002875	150.0417822	4.9222172	2.76E-14	30.48256021
ZNF227	NM_001289167	116.3648751	4.082582792	4.32E-11	28.5027594
POLR3E	NM_001258035	189.7560679	9.291537707	1.24E-15	20.42246116
OSGEPL1-AS1	NR_102429	148.1363036	17.10111726	2.63E-09	8.66237576
SLC45A3	NM_033102	78.55606789	12.51176439	0.000171571	6.278576339
EPAS1	NM_001430	134.1560679	9.378461799	9.18E-11	14.30469844
TYW1	NM_018264	198.5714286	5.042310214	6.33E-18	39.38104166
MFSD5	NM_032889	201.6703536	22.04532464	9.32E-13	9.14798747
ANAPC16	NM_001242547	380.5451108	10.15885015	3.84E-36	37.45946689
SLC10A7	NM_001029998	108.4220179	1.453691928	2.61E-10	74.58390312
PLEKHB2	NR_049789	76.65058935	10.96867318	6.21E-05	6.988136857
INPP5K	NM_130766	92.53630363	11.91068897	9.88E-06	7.769181435
TECPR2	NM_014844	114.298925	7.705601876	7.56E-09	14.83322483
TATDN3	NM_001146171	241.3846393	7.231267651	4.11E-22	33.38068109
FAM185A	NR_026879	79.5890429	2.520634011	1.16E-07	31.57500953
MSH6	NM_000179	140.032975	13.04356937	3.67E-10	10.73578643
S100BPB	NM_001256121	68.7077322	7.69813521	8.30E-05	8.925243624
UNC119	NM_005148	225.498925	23.09323946	2.80E-15	9.764716008
SNHG4	NR_036536	155.0461858	27.67684124	3.62E-08	5.602018829
VAT1	NM_006373	96.82867515	18.24164047	5.41E-05	5.308112245
TMBIM4	NM_001282606	199.9253465	8.396311081	4.66E-17	23.8110933
CREM	NM_181571	57.8264215	3.289453908	3.75E-05	17.57933782
DERA	NM_001300779	127.2461858	2.676526897	1.96E-12	47.54153074
BTBD8	NM_183242	148.1363036	5.511376565	2.19E-13	26.87827658
ZNF77	NM_021217	118.4308251	10.68416478	1.51E-08	11.08470596
CSNK1G3	NM_001270574	91.50332862	2.192473501	1.02E-08	41.73520391
LIFR-AS1	NR_103553	89.59785007	3.853316647	1.50E-07	23.25213791
GRAMD2	NM_001012642	89.4373786	9.41159684	5.55E-06	9.502890967
RAD52	NM_001297422	250.520943	12.60862364	7.64E-21	19.86901585
CD44	NM_001001391	119.3033286	7.973600652	1.94E-09	14.96229042
VPS11	NM_021729	147.9758322	6.775450048	5.31E-13	21.84000046
CBLL1	NM_024814	99.44618576	10.62228292	3.07E-07	9.362035117
TBCA	NM_001297738	167.832975	5.239212599	2.63E-15	32.03400737
GLMN	NM_053274	295.0791608	3.668734649	2.08E-30	80.43077218
TAB1	NM_153497	141.2264215	8.878987395	7.50E-11	15.90569005
IQUB	NM_001282855	103.4176143	2.05940832	4.31E-10	50.21714895

POLD1	NR_046402	157.9846393	9.82303748	1.55E-12	16.08307406
BTD	NM_001281723	87.69237152	6.190467427	1.90E-07	14.16571084
UBAP1	NM_001171202	120.1758322	6.671972582	1.54E-09	18.01203927
NCOA4	NM_001145261	146.9428571	14.69292648	6.22E-10	10.00092509
GUSBP4	NR_125727	132.4110608	7.116720509	1.06E-11	18.60562891
TRIAP1	NM_016399	138.2879679	27.34975366	2.79E-06	5.056278372
ABCB9	NM_001243013	138.2879679	10.75308544	1.76E-10	12.86030588
BMS1P5	NR_003611	166.9604715	7.337111635	7.57E-15	22.7556128
AIG1	NM_001286589	115.1714286	3.602267429	7.75E-11	31.97192625
KIAA0895	NM_001199706	79.5890429	1.803424975	5.00E-08	44.13216186
FAN1	NM_001146095	152.9802357	8.692061834	1.68E-13	17.59999396
RNF207	NM_207396	165.9274965	13.97101569	2.81E-12	11.87655215
EPOR	NR_033663	164.8945215	39.14249056	6.00E-07	4.212673213
GTF3C6	NM_138408	126.3736822	10.74532002	1.16E-09	11.7608114
BTG2	NM_006763	339.7978501	31.76712556	5.38E-23	10.69652492
DESI2	NR_123735	248.4549929	6.125004668	8.86E-23	40.56404957
RAD1	NR_026591	160.0505893	6.431532334	4.67E-15	24.88529654
PEMT	NM_001267551	170.9319	7.100196467	1.89E-14	24.07424933
MBOAT1	NM_001080480	72.67916077	5.612975178	1.16E-05	12.94842013
MEF2A	NM_005587	152.9802357	3.775709465	7.69E-15	40.51695109
AGTPBP1	NM_001286717	105.3230929	2.314130753	5.64E-10	45.5130259
PSMB5	NM_001144932	78.87701085	14.56025689	0.000192808	5.417281537
PSMC4	NM_153001	85.6264215	18.18246133	0.000226615	4.7092866
PEA15	NM_001297577	115.3319	18.28261203	2.42E-06	6.308283514
RPL5	NM_000969	276.2549929	13.18110402	7.21E-24	20.95841081
PPP6R2	NM_014678	59.73190005	10.60530821	0.001757402	5.632264414
ALDH5A1	NM_170740	64.73630363	5.857487409	3.12E-05	11.05188951
ZNF211	NM_001265599	113.4264215	5.766117817	1.23E-10	19.67119388
CCDC66	NR_024460	93.40880717	3.110748265	4.50E-09	30.02776155
PPA1	NM_021129	216.6835644	6.127627501	1.84E-20	35.361739
TTC4	NM_001291333	255.2044036	7.573854167	1.91E-23	33.69544725
IL6R	NM_001206866	54.88796794	6.89474497	0.001370557	7.960840927
ARAP3	NM_022481	56.79344649	9.959485014	0.002539056	5.702448109
YTHDC1	NM_133370	180.7802357	8.795993404	8.85E-15	20.55256609
ANXA7	NM_004034	195.7934465	6.473084825	7.95E-18	30.24731666
C8orf37-AS1	NR_038201	266.0857143	1.965643119	1.25E-25	135.368273
FAM49B	NM_001256763	197.8593965	6.794467499	6.70E-17	29.12066274
APLP1	NM_001024807	82.52749646	16.69229899	0.000374439	4.944046144
AMD1	NM_001287216	150.2022537	9.175313154	2.04E-12	16.3702591
LBX2	NM_001009812	181.8132108	35.46103252	5.31E-09	5.127126816
C17orf80	NR_110105	81.8154644	12.13234665	4.68E-05	6.743581168
KIF9	NM_182902	74.7451108	8.110628824	2.80E-05	9.215698613
GUSBP2	NR_003504	43.84618576	2.269165748	0.000873502	19.32260162
TCP1	NM_030752	205.6417822	16.77059816	4.04E-15	12.26204219
MAPKAP1	NM_001006620	183.8791608	5.037513527	3.08E-16	36.50196863
ZNF85	NM_001256171	57.66595002	1.856957005	1.24E-05	31.05400388
HBEGF	NM_001945	296.9846393	12.05952903	3.95E-26	24.62655371
SCNM1	NM_024041	79.5890429	14.82808809	0.000243285	5.367451448
WDR31	NM_001012361	212.7121358	8.181371059	9.74E-19	25.99957076
NMRK1	NM_017881	205.6417822	5.641238302	1.33E-19	36.45330532
PRKG2	NM_001282480	58.69892504	2.504385607	1.59E-05	23.43845328
PA2G4	NM_006191	84.43297501	19.67524021	0.000553907	4.291331344
TMEM14B	NM_030969	212.5516643	13.15403797	2.40E-17	16.15866283
STAG3L4	NR_040586	257.2703536	7.255124319	7.11E-25	35.46050244
PIK3R1	NM_181523	219.6220179	5.978823437	2.11E-20	36.73331722
FOXJ3	NM_001198851	49.88356436	3.256495771	0.000287133	15.31817262
CEP152	NM_001194998	45.91213579	2.174346629	0.000436521	21.11537101
AGPAT5	NM_018361	66.80225365	6.436931207	3.47E-05	10.37796607
EXOSC1	NM_016046	90.63082508	10.98044549	4.50E-06	8.25383862
LHX2	NM_004789	98.41321075	8.105134915	1.07E-07	12.14208175
H3F3AP4	NR_002315	158.8571429	7.866155897	4.84E-14	20.19501583
ZNF616	NM_178523	177.8417822	5.465018568	1.58E-16	32.54184409

WDR48	NM_020839	74.58463932	5.516189095	4.59E-06	13.5210447
ADIPOR2	NM_024551	136.0615464	4.78181687	4.09E-12	28.45394337
MON1A	NM_001142501	159.8901179	13.34876744	1.85E-11	11.97789373
SPECC1L	NM_001254732	227.4044036	6.437425058	8.40E-21	35.32536713
FNTA	NR_033698	178.8747572	7.146233	3.21E-16	25.03063603
CSNK1A1	NM_001892	172.8373786	7.920531609	1.24E-14	21.82143663
SUPT3H	NM_003599	126.3736822	1.72184613	8.24E-12	73.39429466
MAOA	NM_001270458	36.93630363	2.488292431	0.003198099	14.84403648
TEX2	NM_018469	107.3890429	11.69014883	1.38E-07	9.186285344
AFG3L1P	NR_003227	227.5648751	11.57004262	3.91E-19	19.66845607
ATG4D	NM_032885	150.0417822	15.6625392	1.44E-10	9.579658846
EHHADH	NM_001166415	196.8264215	3.743971154	6.35E-19	52.57156463
TMEM184B	NM_012264	75.61761433	11.76852411	0.000114166	6.425411856
ATP6V1D	NM_015994	51.94951438	6.463134578	0.002125714	8.03782031
SMAD6	NR_027654	102.3846393	9.20120594	7.77E-08	11.12730657
DTL	NM_016448	85.6264215	4.126876173	3.75E-07	20.74848333
MIPOL1	NM_001195297	143.1319	1.800373745	1.23E-13	79.50121491
POLR3F	NM_001282526	138.2879679	6.596117369	2.62E-12	20.96505568
GMNN	NM_001251990	198.7319	9.001706963	4.57E-18	22.07713502
SURF4	NM_033161	100.4791608	18.23051976	1.87E-05	5.511590568
MGST3	NM_004528	92.53630363	9.00362571	2.34E-06	10.27767109
ATP5J	NM_001003697	99.44618576	13.22664077	3.51E-06	7.518627555
NOP2	NM_001258309	195.7934465	12.6715326	3.90E-16	15.45144164
NDRG1	NM_001135242	267.6001037	10.24421152	5.17E-23	26.12207912
CCDC93	NM_019044	184.9121358	7.614451209	9.84E-16	24.28436807
TTC14	NM_133462	121.2088072	5.468096431	1.60E-11	22.16654529
UBE2H	NM_003344	103.5780858	5.07111221	1.15E-08	20.42512205
TMEM120B	NM_001080825	110.3274965	11.81511897	6.71E-08	9.337823575
GLIS3	NM_001042413	36.93630363	2.979041381	0.003585917	12.39872123
TMED3	NM_007364	200.7978501	11.26228586	1.26E-16	17.8292269
SLC9B1	NR_047515	120.1758322	2.602382959	1.59E-11	46.17914967
MARVELD3	NM_052858	172.8373786	16.95482047	8.73E-12	10.19399638
MMP28	NM_001032278	118.4308251	7.91653301	3.67E-09	14.95993574
LAMB1	NM_002291	98.41321075	9.322427812	2.63E-07	10.55660743
METTL25	NM_032230	103.4176143	1.656958205	5.47E-10	62.41413574
FKBP7	NM_181342	154.0132108	3.929483129	1.66E-15	39.19426696
MBIP	NM_016586	92.37583215	0.33496096	6.49E-13	275.7808915
CASP8	NM_001080125	65.76927864	5.871841603	2.67E-05	11.20079237
CHORDC1	NM_012124	145.1978501	4.028365342	1.42E-14	36.04386339
ADAM22	NM_021722	266.2461858	3.379952854	9.64E-26	78.77215964
DYRK4	NM_001282285	99.44618576	5.494675405	4.63E-09	18.09864613
CAPZA2	NM_006136	173.8703536	3.64951793	1.25E-16	47.64200559
EWSR1	NM_001163287	82.52749646	10.24259034	1.45E-05	8.057287635
ZNF266	NM_006631	53.69452145	4.05723759	0.00025206	13.23425613
FBXL13	NM_001111038	70.77368223	3.344047753	1.86E-06	21.16407643
CDC5L	NM_001253	95.47475719	3.8520944	4.64E-08	24.78515511
CDK5RAP2	NR_073556	69.58023574	5.997325676	2.33E-05	11.60187715
PPHLN1	NM_201438	135.1890429	5.635119075	7.02E-12	23.99045009
SERPINB8	NM_001276490	148.1363036	11.57827328	3.19E-11	12.79433471
POT1	NR_003102	53.85499293	2.133277636	6.82E-05	25.24518705
THOC5	NM_003678	203.7363036	5.626327932	2.16E-18	36.21123868
DSTN	NM_006870	93.56927864	5.592759661	4.13E-08	16.73043083
CCNT2-AS1	NR_036549	72.5186893	3.927194297	7.96E-06	18.46577577
ANKS3	NR_040252	125.3407072	9.561945342	1.97E-09	13.10828526
BRF2	NM_018310	173.1583215	16.23170182	2.49E-12	10.66790922
SEPW1	NM_003009	167.120943	24.52896877	1.05E-09	6.813207049
UFM1	NM_001286704	81.49452145	0.968160592	1.67E-10	84.17459059
MROH8	NM_152503	128.1186893	6.208538437	3.02E-11	20.63588566
TAZ	NM_000116	80.62201792	10.44509588	1.43E-05	7.718647955
SYPL1	NM_182715	60.76487506	2.311199183	5.78E-06	26.2914921
C11orf74	NM_001276725	118.2703536	3.307875896	1.75E-11	35.75416893
WSB1	NM_134265	340.6703536	9.957244438	2.07E-31	34.21331632

ILDR1	NM_175924	182.6857143	7.001879428	2.48E-16	26.09095403
CHEK1	NR_045204	74.7451108	7.04633357	2.18E-05	10.60766001
PLEKHG4	NM_001129731	91.6638001	12.75521791	5.26E-06	7.186376645
YTHDF3	NM_001277817	162.1165394	4.755448931	2.32E-15	34.09069085
TRIM52-AS1	NR_102762	99.44618576	22.87273292	0.000128577	4.347805141
RAB31P	NM_175624	118.2703536	3.765515035	2.84E-11	31.40881194
BICD2	NM_015250	51.94951438	7.566762774	0.002647881	6.865487386
ABLIM3	NM_001301027	48.85058935	6.531718173	0.001414009	7.478979963
TNFRSF10B	NR_027140	170.0593965	9.892328696	1.05E-13	17.1910378
SEC61A2	NM_001142627	160.0505893	6.613125313	7.43E-14	24.20195925
RGL3	NM_001161616	149.0088072	12.96698521	5.96E-11	11.49139949
KAT7	NM_001199157	199.9253465	12.10080665	1.21E-15	16.52165449
DCP2	NM_001242377	233.4417822	5.119542724	4.91E-23	45.59817054
ARMC7	NM_024585	186.8176143	31.1602877	7.78E-10	5.995375143
SLC39A6	NM_001099406	116.3648751	6.025610116	4.06E-10	19.31171662
GATC	NM_176818	129.3121358	18.06233211	7.25E-08	7.15921593
ASAH1	NM_004315	91.50332862	13.00210235	1.17E-05	7.037579472
MYO19	NM_001163735	125.3407072	19.52941277	2.32E-07	6.418047931
TMBIM6	NM_001098576	124.3077322	8.493455804	9.20E-10	14.63570719
FOXRED1	NR_037647	96.5077322	16.58635626	2.04E-05	5.818501104
USP15	NM_001252079	124.3077322	3.075620012	2.41E-12	40.41712947
ANKRD31	NM_001164443	80.46154644	2.106138517	2.04E-07	38.20334978
PTPRF	NM_130440	60.60440358	9.685121412	0.000550041	6.257474842
VPS72	NM_001271087	155.0461858	9.540688272	2.26E-12	16.25104828
FSIP1	NM_152597	83.56047148	2.304508019	1.13E-07	36.25957072
ZNF271	NR_024566	156.0791608	8.207567944	3.64E-13	19.01649329
GFOD2	NM_030819	139.1604715	7.595705755	1.21E-11	18.32094027
TXNL4B	NM_001142317	64.73630363	11.70961452	0.000952205	5.528474358
ZNF526	NM_133444	159.0176143	16.17219421	5.07E-11	9.83277917
CST3	NM_000099	207.5472607	18.77746369	1.09E-14	11.05299758
NXPE3	NM_001134456	121.3692786	5.794219192	1.29E-10	20.946615
PHF19	NR_104601	54.72749646	11.12616479	0.003649929	4.918810523
YEATS4	NM_006530	197.8593965	3.356101547	1.67E-20	58.95512807
UBE2J1	NM_016021	114.298925	2.952278054	4.64E-11	38.71550137
YKT6	NM_006555	249.4879679	10.04135619	4.36E-22	24.84604302
FABP5	NM_001444	209.7736822	27.71873817	3.44E-12	7.56793765
ZNF143	NM_001282656	181.8132108	6.870693542	9.85E-16	26.46213365
TUG1	NR_002323	73.71213579	15.67239975	0.000638275	4.703308808
FAM210A	NM_152352	125.3407072	3.802762116	2.72E-11	32.96043859
ADAM10	NM_001110	90.63082508	2.973666369	1.59E-08	30.47780546
C16orf59	NM_025108	74.58463932	16.25805403	0.000971209	4.587550218
TRAPPC12	NM_016030	264.3407072	8.864005633	2.08E-23	29.82181174
ZNF16	NM_006958	55.76047148	8.292909919	0.000706546	6.723872804
GATAD2A	NM_017660	54.72749646	8.674976552	0.001666969	6.308662177
RNF128	NM_194463	84.43297501	1.549013284	1.88E-08	54.50758615
GBF1	NM_001199378	277.1274965	11.4616272	4.16E-23	24.17872188
MLF2	NM_005439	165.9274965	14.59380603	5.16E-12	11.36972056
ADAMTS17	NM_139057	176.8088072	4.213694971	1.19E-15	41.96051409
RPA1	NM_002945	151.9472607	5.313019451	1.10E-13	28.59904093
EIF3L	NM_001242923	161.2440358	11.2185129	1.23E-12	14.37303119
SGCE	NM_003919	52.66154644	2.23264635	0.000116657	23.58705239
THEGL	NM_001256475	140.032975	2.825481753	5.25E-14	49.560743
TMCO6	NM_018502	165.0549929	18.43097744	3.19E-11	8.955303291
TRIM3	NM_001248006	143.1319	11.31832088	1.80E-10	12.6460366
DHFRL1	NM_176815	129.3121358	12.25331851	2.46E-09	10.55323386
GAR1	NM_032993	62.83082508	8.870612793	0.000479486	7.083030964
C3orf18	NM_001171740	79.5890429	8.940814733	1.15E-05	8.901766258
DKAKD	NM_001288654	61.79785007	14.1937612	0.002693152	4.353874158
LOC100287036	NM_001242885	64.73630363	13.64139047	0.001455396	4.74557955
SMYD3	NM_001167740	233.4417822	3.499134765	3.59E-22	66.71414446
LAS1L	NM_031206	93.40880717	4.284365793	1.44E-08	21.80224838
ULK2	NM_001142610	73.71213579	4.602746554	5.79E-06	16.01481527

SDHC	NM_001035513	194.920943	8.762537468	5.30E-16	22.24480565
LOC100507634	NR_038320	200.7978501	19.08153912	3.10E-13	10.52314747
BTF3	NM_001207	153.1407072	4.446918177	3.95E-16	34.43749156
FAM174A	NM_198507	116.3648751	2.388258638	6.32E-12	48.72373253
HPS1	NM_182639	233.6022537	14.19364928	4.61E-19	16.4582236
CEP350	NM_014810	181.9736822	3.541671647	9.50E-18	51.38073214
MOB4	NM_001204094	90.47035361	3.502919202	4.82E-08	25.82713114
CCDC90B	NM_001286120	144.1648751	6.955502902	2.31E-12	20.72673638
NDUFB3	NM_001257102	266.2461858	10.12121486	6.52E-24	26.30575376
SNX7	NM_152238	140.1934465	2.733944725	8.69E-14	51.27881525
NUDT3	NM_006703	53.69452145	5.388266929	0.000428985	9.965081938
DYNC1H1	NM_001376	321.8461858	8.591164007	3.15E-29	37.46246556
SCAMP1	NM_001290229	133.1230929	3.135933394	5.62E-13	42.45086746
AGO3	NM_177422	153.1407072	4.882354343	1.02E-13	31.36615994
RRAGC	NM_001271851	52.82201792	5.295446393	0.000528222	9.974988697
LOC100505666	NR_040772	192.6945215	8.964908178	3.58E-17	21.49431066
TRAPPC6A	NM_024108	50.75606789	8.813017786	0.002079115	5.759215416
DHRS7	NM_016029	196.66595	9.512242396	2.99E-17	20.67503558
NUPL1	NM_014089	131.2176143	7.115580737	7.12E-11	18.44088616
RPN2	NM_002951	127.2461858	9.446826441	1.54E-09	13.46972833
PALD1	NM_014431	85.46595002	9.248767391	3.01E-06	9.240793546
PTPMT1	NM_001143984	82.52749646	11.3684519	2.34E-05	7.259343416
RRM2B	NM_015713	127.2461858	7.730273684	1.22E-10	16.46076077
UTP18	NM_016001	177.1297501	7.542921685	1.41E-15	23.48290988
MCPH1	NM_001172574	99.44618576	4.461710203	9.04E-09	22.28880435
RAD54L	NM_003579	136.0615464	14.52930426	4.47E-09	9.364629164
SLC25A5	NM_001152	152.1077322	21.80013172	1.56E-08	6.97737675
ECI2	NR_028588	146.0703536	3.828999167	6.57E-15	38.14844225
GPR107	NM_001136557	229.6308251	7.474480846	5.20E-20	30.72197653
ARF5	NM_001662	137.2549929	34.26747591	2.33E-05	4.00540131
TIPRL	NM_001031800	119.3033286	8.911955415	1.43E-09	13.38688571
CCDC134	NM_024821	255.3648751	12.15570104	1.30E-21	21.00782788
FBXL20	NM_032875	137.0945215	4.701725217	5.64E-12	29.15834404
CUL3	NM_001257197	68.54726073	5.076518836	2.12E-05	13.50280831
MLKL	NM_152649	165.0549929	8.829620348	1.30E-13	18.69332841
BIVM	NM_017693	45.03963225	5.799425218	0.002229898	7.766223472
FPGS	NR_110170	142.098925	13.75055874	2.60E-10	10.33404734
ZDHHC20	NM_153251	190.7890429	2.957935616	2.23E-19	64.50074231
CHD2	NM_001042572	227.5648751	9.768460992	2.52E-19	23.29587795
PPL	NM_002705	89.4373786	11.32190939	6.71E-06	7.899496061
GIGYF2	NM_001103148	172.8373786	5.209463832	2.84E-15	33.17757531
POLR2K	NM_005034	128.4396323	7.49375329	5.37E-11	17.13955975
SNX15	NM_013306	124.3077322	7.820243359	2.41E-10	15.89563476
ISL2	NM_145805	156.9516643	9.860196078	8.17E-13	15.91770215
SZT2	NM_015284	202.7033286	12.28881643	1.29E-15	16.49494316
ARSA	NM_001085428	109.2945215	17.55394418	3.00E-06	6.226208784
LOC100288798	NR_125379	158.1451108	3.633588944	6.24E-15	43.52311536
C16orf46	NM_152337	191.8220179	9.133920693	3.02E-16	21.00106015
CLRN1	NM_001256819	36.77583215	2.842207567	0.002899751	12.93917889
EFCAB5	NM_001145053	85.46595002	2.845476665	5.75E-08	30.03572339
CNOT8	NM_001301083	140.1934465	9.041266699	2.34E-11	15.50595189
KMT2C	NM_170606	99.28571429	3.422366018	2.95E-09	29.01084038
TSPYL1	NM_003309	79.5890429	17.29918444	0.000912973	4.600739601
FAM195B	NM_207368	67.67475719	15.08820072	0.001846364	4.485276835
ST6GALNAC2	NM_006456	130.3451108	30.08005146	5.32E-06	4.333274196
SF3A2	NM_007165	153.1407072	14.95513098	1.15E-10	10.2400111
GGCT	NM_001199816	134.3165394	8.222154716	3.70E-11	16.33592945
GPR155	NM_001033045	80.62201792	5.051181535	1.36E-06	15.96102167
ARHGAP5	NM_001173	80.46154644	1.756360837	1.11E-07	45.8115125
TUT1	NM_022830	173.8703536	17.15904321	3.74E-12	10.13286997
RPL22L1	NM_001099645	276.2549929	36.01032977	2.66E-16	7.671548544
UNK	NM_001080419	189.7560679	13.21774866	1.75E-14	14.35615647

RRM2	NM_001165931	132.2505893	22.27813009	2.54E-07	5.936341551
ZFP37	NM_001282518	73.71213579	4.97576115	1.61E-06	14.8142432
NELFCD	NM_198976	72.5186893	11.05483465	0.000123404	6.559907189
TMEM135	NM_001168724	122.4022537	2.5867392	1.42E-11	47.31913201
COMMD8	NM_017845	215.6505893	3.357580319	1.46E-24	64.22797636
TWF2	NM_007284	156.9516643	12.62159337	5.80E-12	12.4351704
DCAF10	NM_001286810	272.2835644	5.732935411	4.00E-26	47.49461573
EPHA2	NM_004431	145.1978501	16.82327231	8.75E-10	8.630773335
TNS4	NM_032865	181.8132108	17.7344675	1.34E-12	10.25196898
ZNF430	NM_001172671	233.4417822	3.632745877	3.46E-24	64.26042175
ERCC6L	NM_017669	67.51428571	5.782791354	1.49E-05	11.67503401
LINC01420	NR_015367	117.2373786	3.508788677	2.77E-11	33.41249342
ZNF283	NM_001297752	35.90332862	3.015539093	0.002319847	11.90610618
EDC3	NM_001142444	82.68796794	7.274583439	4.76E-06	11.36669455
PRKCI	NM_002740	107.3890429	4.681829711	2.48E-09	22.93740899
ZNF628	NM_033113	89.4373786	9.81220597	5.39E-06	9.114910436
BSG	NM_198589	122.4022537	15.25729974	1.11E-07	8.022537129
ATF7	NR_073163	136.3824894	5.767119421	5.56E-12	23.64828599
PRCC	NM_005973	72.67916077	6.968892479	4.05E-05	10.42908339
CDC25A	NM_201567	112.3934465	7.51428921	5.49E-09	14.95729581
KIAA1841	NM_001129993	111.520943	4.267498943	8.53E-10	26.13262345
C18orf25	NM_001008239	150.0417822	5.013248368	1.49E-13	29.92905421
ADAM17	NM_003183	100.4791608	6.472589405	1.85E-08	15.5237965
IKZF5	NR_073479	147.1033286	5.244194292	1.46E-13	28.05070149
HYAL3	NM_001200031	173.8703536	31.888782	1.13E-08	5.452398702
ZNF664-FAM101A	NM_001204299	49.72309288	6.282247432	0.001473264	7.914857448
WDR27	NM_001202550	174.9033286	2.370485434	7.29E-17	73.78376012
FUT4	NM_002033	193.8879679	17.13030303	8.86E-14	11.31842021
CNPY3	NM_006586	82.52749646	17.27820629	0.000357912	4.776392587
TTC31	NM_022492	87.53190005	10.21916981	2.31E-06	8.565460957
DHCR7	NM_001360	62.83082508	8.27510055	0.000176285	7.592756693
CETN2	NM_004344	62.67035361	4.797520008	4.82E-05	13.0630729
GTF2H2C	NM_001098728	189.9165394	3.387605201	2.43E-19	56.06218201
SP110	NM_004510	97.54070721	4.578900947	1.98E-08	21.30220949
PYGL	NM_002863	261.2417822	7.139605661	2.27E-24	36.59050577
OXA1L	NM_005015	142.098925	16.91026053	3.52E-09	8.403118617
DCTN6	NM_006571	56.63297501	5.826293679	0.000173247	9.720240367
LOC100289230	NR_036530	215.4901179	36.13287862	4.00E-10	5.9638237
XPC	NM_001145769	247.4220179	11.89266428	1.24E-20	20.80459115
TSNAX-DISC1	NR_028396	167.120943	5.355769384	1.46E-14	31.20390946
DISP2	NM_033510	63.70332862	10.3276475	0.000651609	6.168232274
ELP2	NM_001242878	165.9274965	4.619214543	1.09E-15	35.92114957
HOXB13	NM_006361	128.2791608	16.34809523	3.81E-08	7.846734371
LOC100507557	NR_038244	55.76047148	2.616177566	3.28E-05	21.31371823
ZNF586	NM_001204814	57.66595002	8.515889493	0.001711527	6.771570964
ZNF12	NM_016265	50.04403583	8.481178763	0.002185146	5.900599107
ULK3	NM_001284365	142.098925	13.85909995	3.29E-10	10.25311352
SGOL2	NM_001160046	95.47475719	1.970030331	1.97E-09	48.46359759
AAMDC	NM_024684	220.4945215	6.211556538	6.67E-20	35.49746671
DOLK	NM_014908	230.5033286	39.83956719	3.90E-11	5.785788974
CD46	NM_172353	132.2505893	4.909987011	5.63E-12	26.93501817
LTK	NM_002344	58.85939651	9.187333636	0.000957444	6.406580935
COL6A4P1	NR_027927	100.4791608	3.751654199	7.17E-09	26.78262853
BBS12	NM_001178007	76.65058935	7.977322496	5.93E-06	9.608560941
CDKN3	NM_001130851	278.1604715	9.348456121	7.54E-25	29.75469616
PASK	NM_001252124	91.6638001	7.330574321	5.62E-07	12.50431359
ELK1	NM_001257168	121.2088072	6.869916233	1.68E-10	17.6434185
TMEM67	NR_024522	109.6154644	4.219055338	1.83E-09	25.98104448
AMN1	NM_001278412	72.67916077	5.474506141	9.70E-06	13.27593008
BABAM1	NM_014173	155.0461858	14.90764446	1.17E-10	10.40044832
WFS1	NM_001145853	190.7890429	10.21179199	5.99E-16	18.68320889
PSMD10	NM_170750	71.64618576	5.608101642	7.12E-06	12.77547918

TNFAIP3	NM_006290	123.2747572	7.223153486	1.06E-10	17.06661189
TRMU	NR_104241	235.3472607	17.47411508	1.14E-17	13.46833643
TMEM127	NM_001193304	138.1274965	11.76547095	3.06E-10	11.74007373
COMMD6	NM_001287393	153.1407072	6.604215008	6.62E-14	23.18832852
TRAF3IP2-AS1	NR_034108	157.1121358	5.725713565	5.86E-14	27.43974773
ZDHHC13	NM_019028	178.8747572	3.823651349	3.86E-17	46.78113689
AZI2	NM_022461	159.1780858	6.016924134	2.08E-14	26.45505947
FAM86B3P	NR_024363	144.1648751	11.72708193	1.87E-10	12.29332889
CTNNB1	NM_001098209	239.4791608	6.712126672	3.06E-22	35.67858184
TRIM11	NM_145214	95.31428571	13.26321803	3.95E-06	7.186361976
SLC12A7	NM_006598	119.3033286	9.481222885	9.53E-09	12.58311613
STAG3L5P	NR_103720	264.1802357	7.427321718	2.45E-26	35.56870777
DUSP2	NM_004418	160.9230929	22.18790783	5.35E-09	7.252738478
NEK1	NM_001199399	246.3890429	2.798335804	4.27E-24	88.04841882
ABCC5	NM_001023587	156.9516643	6.581940633	1.02E-13	23.8458037
GOLGA2P10	NR_103496	79.42857143	13.08139382	0.000116913	6.071873724
SERINC5	NM_178276	218.5890429	6.34428654	5.46E-20	34.45447199
UNC5B	NM_170744	75.61761433	9.282055963	3.18E-05	8.14664495
NFU1	NR_045631	184.7516643	5.846031977	1.20E-16	31.60291716
SENP7	NM_001282804	48.85058935	2.047110289	0.000264331	23.8631937
SENP6	NM_015571	190.7890429	3.391051207	6.65E-19	56.26250718
ALDH7A1	NM_001201377	171.8044036	5.620232166	6.54E-16	30.56891575
TAOK3	NM_016281	150.0417822	2.436384793	1.43E-14	61.58377881
KXD1	NM_001171948	60.76487506	13.88823261	0.003446087	4.375277745
SPATA6	NM_019073	126.2132108	1.57501444	3.08E-12	80.1346372
CACNB1	NM_000723	170.7714286	8.658513486	2.01E-14	19.72295
WLS	NM_001193334	158.1451108	6.216508048	5.74E-14	25.43954091
C3orf33	NM_173657	111.3604715	1.773195221	9.38E-12	62.80214955
TSPAN17	NM_001006616	106.3560679	15.64868421	1.33E-06	6.796486304
CTSB	NM_147780	216.5230929	12.40822965	8.77E-18	17.44995853
ZNF786	NM_152411	209.7736822	14.4726907	3.67E-16	14.49444934
FDX1L	NM_001031734	149.0088072	14.99835164	2.15E-10	9.935012246
NMI	NM_004688	64.73630363	3.112868426	1.58E-06	20.79635075
AP1G2	NM_001282475	104.4505893	25.88568779	9.79E-05	4.035071048
ECE2	NM_032331	110.3274965	18.58855023	3.91E-06	5.93523944
RMND1	NM_001271937	172.9978501	7.626595313	4.65E-15	22.68349676
GLG1	NR_027265	272.2835644	6.31993509	5.65E-25	43.08328495
SENP5	NM_152699	135.1890429	7.186496986	6.34E-11	18.81153546
BBX	NM_001276286	104.4505893	2.431149749	7.04E-10	42.96345357
MTHFSD	NM_022764	150.0417822	14.79492486	1.80E-10	10.14143591
ARHGAP22	NR_045675	47.81761433	7.422780826	0.004947143	6.442008117
TRIM44	NM_017583	114.4593965	3.689265141	8.51E-11	31.02498523
RHOBTB3	NM_014899	65.76927864	3.868684118	4.98E-06	17.00042615
ZFP36	NM_003407	318.7472607	57.51607399	8.34E-15	5.541881401
TAMM41	NM_001284401	169.0264215	5.691138705	1.49E-15	29.69993006
OSTF1	NM_012383	258.3033286	5.288594133	5.50E-25	48.84158665
HMGXB3	NM_014983	151.0747572	8.806878918	1.30E-12	17.15417671
AJUBA	NM_001289097	180.9407072	27.88414249	5.35E-10	6.489018168
CREB3L2	NM_001253775	89.59785007	6.556115365	2.70E-07	13.66630163
LOC101927027	NR_110205	143.1319	8.201287673	1.17E-11	17.45236916
ALG8	NM_001007027	92.69677511	7.245469081	5.86E-07	12.7937576
DOCK4	NM_014705	134.3165394	2.295448302	1.24E-12	58.51429511
PLA2G4C	NM_001159323	154.0132108	5.748808513	5.43E-14	26.79045761
E2F2	NM_004091	81.65499293	14.92553533	0.000188155	5.470825075
AP1B1	NM_001166019	161.0835644	10.48380552	1.83E-12	15.36498975
SFR1	NM_001002759	305.9604715	13.06379317	1.70E-27	23.42049261
ZSCAN31	NM_001243242	129.3121358	13.50571001	7.17E-09	9.574627009
ZNF302	NM_018675	164.0220179	9.086098111	3.23E-14	18.05197522
CDK10	NR_027702	310.252843	56.14146108	4.60E-15	5.526269481
ACBD7	NM_001039844	103.5780858	5.10141388	4.99E-09	20.30379974
TMEM173	NM_198282	73.71213579	15.87549374	0.001318093	4.643139734
SFI1	NM_014775	160.0505893	7.947466126	3.61E-13	20.13856829

PTPN23	NM_015466	307.86595	10.98857084	5.09E-27	28.01692364
PYCR2	NM_001271681	223.5934465	22.99399868	4.23E-15	9.723991447
TCEANC2	NM_153035	52.66154644	5.73721232	0.00068906	9.178943276
MROH1	NM_001099280	126.3736822	9.90807951	3.00E-09	12.75460922
MGST2	NM_002413	86.49892504	5.669543738	3.12E-07	15.25677004
VEGFA	NM_001171627	303.8945215	20.1249269	3.16E-23	15.10040374
YME1L1	NM_014263	149.3297501	6.660497662	1.36E-12	22.42020907
DDX54	NM_024072	220.4945215	10.07622966	4.24E-19	21.88264152
WDHD1	NM_001008396	179.7472607	3.510309273	6.10E-18	51.20553397
ORC3	NM_012381	111.520943	5.241686722	1.32E-09	21.27577417
SLC9A8	NM_001260491	116.3648751	7.696235631	3.29E-09	15.11971315
RALGPS2	NM_152663	90.47035361	2.331835208	1.59E-08	38.79791904
JMJD1C	NM_001282948	135.1890429	4.633318283	8.02E-12	29.17758605
ZFP64	NM_018197	156.0791608	7.073461605	1.70E-13	22.0654567
SH3GLB1	NM_001206653	183.8791608	2.510174837	7.07E-20	73.25352723
CSTF3	NM_001033506	131.2176143	6.093302802	1.38E-11	21.53472732
DENND4C	NM_017925	116.3648751	4.387302613	4.77E-10	26.52310208
TMEM123	NM_052932	113.26595	6.625893005	4.50E-09	17.09444296
TIMM8A	NM_001145951	145.0373786	16.44785997	4.86E-06	8.818009082
AREL1	NM_001039479	141.2264215	5.302747279	1.08E-12	26.63268945
FBXO21	NM_015002	220.6549929	10.0680973	1.71E-18	21.91625552
SUCLG2	NM_001177599	107.3890429	3.933907178	4.33E-10	27.29831642
NME6	NM_005793	191.8220179	14.61088829	1.09E-14	13.12870334
KDM1B	NM_153042	63.70332862	8.309470832	0.000298247	7.666352035
SF3B5	NM_031287	204.6088072	10.65108093	6.87E-11	19.21014481
SPRY4	NM_030964	266.2461858	13.38190402	4.02E-22	19.8959868
HPS5	NM_007216	185.9451108	6.274627655	1.66E-16	29.63444542
ZKSCAN1	NM_001287054	78.55606789	7.917418372	1.11E-05	9.921929624
LOC100630923	NR_038967	130.3451108	13.65454422	5.04E-09	9.545914438
ZNF180	NM_001288759	161.0835644	9.630121339	4.75E-13	16.72705449
MARS	NM_004990	80.62201792	14.71099302	0.000113193	5.480392643
ZER1	NM_006336	145.0373786	11.5331985	3.22E-11	12.57564227
AP3S2	NR_037582	165.9274965	8.627030372	6.11E-14	19.23344295
RPARP-AS1	NR_038937	188.8835644	38.81346188	7.40E-09	4.866444661
TARS2	NR_073514	192.8549929	11.81714451	1.64E-15	16.31993184
PPM1J	NM_005167	156.9516643	14.20009218	1.44E-11	11.05286236
SSBP1	NR_046269	183.0066572	6.213894871	1.39E-17	29.45119946
FRS2	NM_001278355	182.8461858	4.63258777	1.13E-16	39.46955672
PREPL	NM_001171606	183.7186893	5.188527913	1.92E-17	35.40863466
EXOSC2	NM_001282708	159.0176143	14.21731245	2.33E-11	11.1847872
KLC2	NM_022822	160.9230929	28.04983709	1.33E-08	5.737041978
GGA3	NM_001291641	145.3583215	20.5545593	1.28E-08	7.071828659
ZRANB3	NM_001286568	70.61321075	2.777501158	1.87E-06	25.4232876
MKS1	NM_017777	198.7319	10.98431267	2.43E-16	18.09233823
FH	NM_000143	172.9978501	5.370327643	1.77E-16	32.21364907
WDR44	NM_001184966	99.28571429	2.415737624	1.40E-09	41.09954381
AMPD2	NM_004037	48.69011787	7.726693155	0.003151483	6.301546715
SERPINB9	NM_004155	350.6791608	10.44649487	1.90E-33	33.56907413
ATRAID	NM_016085	169.0264215	13.44415429	1.57E-12	12.57248451
TMEM99	NM_001195386	36.93630363	1.980124304	0.001614489	18.65352774
PAPL	NM_001004318	60.60440358	7.129759701	0.000412402	8.500202829
TKT	NR_047580	86.81986799	18.81418432	0.000336625	4.61459644
STARD7-AS1	NR_046322	268.3121358	11.77760722	1.19E-22	22.78154898
RNH1	NM_203384	81.65499293	20.07209389	0.001029945	4.06808544
SAE1	NR_027280	161.0835644	10.37211668	2.26E-12	15.53044276
PFKFB3	NM_001145443	119.3033286	14.89910027	5.97E-08	8.007418329
SEC31A	NM_001077206	222.5604715	3.65241081	1.52E-21	60.93522417
LOC100506368	NR_038905	105.3230929	4.146319201	2.39E-09	25.4015882
AAGAB	NM_024666	128.4396323	3.810970054	1.07E-11	33.70260863
GPI	NM_001289789	96.5077322	15.41381916	1.50E-05	6.261117457
EZH1	NM_001991	164.8945215	4.99636851	1.31E-15	33.00287421
GDI2	NM_001494	96.5077322	7.79121176	1.99E-07	12.38674229

PMF1-BGLAP	NM_001199663	125.3407072	13.28941974	1.05E-08	9.431616251
ARL15	NM_019087	166.0879679	3.176331257	1.08E-15	52.28924647
DCBLD2	NM_080927	224.6264215	9.743379813	1.74E-18	23.05426103
E2F6	NM_001278277	105.4835644	10.29034094	1.02E-07	10.25073561
ORC1	NM_004153	178.8747572	10.92665785	8.61E-15	16.3704913
GOLGA4	NM_001172713	196.8264215	4.760668459	5.25E-18	41.34428247
SATB2	NM_001172509	53.69452145	3.483059974	8.31E-05	15.41590494
MTMR10	NM_017762	196.66595	5.476753262	1.15E-18	35.90922224
ALDOC	NM_005165	130.3451108	25.63631827	1.55E-06	5.084392753
SH3BGR	NM_001001713	145.1978501	3.955605573	2.73E-13	36.70685749
TSPO	NR_046308	138.1274965	14.59973217	1.22E-09	9.460960984
ABHD15	NM_198147	116.3648751	15.8421463	1.51E-07	7.34527209
TAF15	NM_139215	303.0220179	7.157854767	3.67E-29	42.33419478
STXBP1	NM_003165	202.5428571	6.630731423	1.27E-17	30.5460807
LOC101929295	NR_110303	112.3934465	17.02837275	1.03E-06	6.600363296
MBTD1	NM_017643	65.92975012	7.163278539	0.000170297	9.203851247
PAPD4	NM_173797	95.47475719	3.702876548	5.95E-09	25.78394282
ZNF689	NR_104166	52.82201792	4.07465233	0.000169554	12.96356441
LRP6	NM_002336	89.59785007	3.69891555	3.34E-08	24.22273471
PNP	NM_000270	368.4703536	17.31572391	1.30E-31	21.27952348
MRPL43	NM_176794	203.8967751	25.45516345	1.08E-12	8.010035979
NT5C3B	NR_033465	185.7846393	9.902694063	3.47E-16	18.76101979
B4GALT3	NM_001199874	120.3363036	29.57308378	4.17E-05	4.06911584
AKIP1	NR_045418	167.832975	11.099729	1.06E-13	15.12045699
CFAP97	NM_020827	111.2	4.949245574	7.35E-10	22.46807081
NAA16	NM_024561	160.0505893	2.806963659	2.48E-16	57.01911702
ACP2	NM_001131064	214.7780858	23.06525395	8.12E-14	9.311758989
ARMC5	NM_001105247	139.1604715	16.37944151	5.87E-09	8.496044957
NDUFAF5	NM_001039375	162.9890429	4.924756465	1.14E-15	33.09585846
CCDC50	NM_178335	63.70332862	3.203148806	9.24E-06	19.88772064
DLGAP5	NM_001146015	62.67035361	2.799927085	6.60E-06	22.38285202
TAF1A	NM_001201536	57.66595002	2.586647991	2.03E-05	22.29369834
POLD4	NM_001256870	131.2176143	17.85007165	7.88E-08	7.351097345
PPIE	NR_036543	128.2791608	12.35268176	2.90E-09	10.38472157
METTTL21B	NM_206914	111.3604715	5.745931756	2.91E-10	19.3807508
URGCP	NM_001290076	139.1604715	7.333008867	1.35E-11	18.97726758
CAP1	NM_001105530	137.2549929	11.26391347	1.56E-10	12.18537352
EIF1B-AS1	NR_033965	108.4220179	3.668545988	3.08E-10	29.55449332
MAU2	NM_015329	151.0747572	12.9161163	5.15E-11	11.69660862
KIF9-AS1	NR_033373	107.3890429	6.954645658	2.02E-08	15.44133924
PLCB3	NM_000932	84.43297501	18.1587955	0.000287622	4.649701297
EFHC1	NM_018100	46.9451108	3.577430589	0.000493002	13.12257768
DPH5	NM_015958	118.4308251	5.742244059	1.73E-10	20.62448476
INTS12	NM_001142471	273.1560679	4.496218489	1.55E-28	60.75240083
FKBP5	NM_001145777	114.298925	4.581699375	7.92E-10	24.94684083
AADAT	NM_001286682	77.52309288	3.129658109	1.39E-07	24.77046699
TPRA1	NM_001136053	177.8417822	9.129099729	2.22E-15	19.48075796
LOC100507437	NR_125384	96.5077322	20.41074011	0.000135772	4.728281861
SEC23B	NM_032985	137.0945215	7.974312549	3.01E-11	17.19201757
PDHB	NR_033384	154.8857143	9.938069522	5.81E-13	15.58509064
CCDC167	NM_138493	117.3978501	14.49370531	1.66E-07	8.099919764
MEGF9	NM_001080497	112.232975	2.868046792	1.14E-10	39.13219802
POC1A	NM_001161581	57.8264215	9.890792836	0.002885141	5.846490009
E2F8	NM_001256372	90.47035361	10.5849167	1.99E-06	8.547101143
E2F3	NM_001949	312.1583215	12.75798185	1.39E-25	24.46768818
FAM98C	NM_174905	85.6264215	7.427540738	8.61E-07	11.52823317
GMPR2	NM_001002002	132.2505893	19.97849755	1.17E-07	6.619646397
WDR73	NM_032856	105.3230929	19.26532781	1.56E-05	5.466976421
RAB3GAP1	NM_012233	125.1802357	3.962151659	5.66E-11	31.5940041
STX12	NM_177424	199.7648751	6.372651092	8.58E-18	31.34721675
TTK	NM_003318	73.71213579	2.740296169	3.27E-07	26.89933177
FIZ1	NM_032836	122.2417822	9.934721439	1.32E-09	12.30450023

IDH3G	NM_004135	57.66595002	8.817386812	0.001527189	6.54002725
STAM	NM_003473	174.0308251	3.663076133	2.48E-16	47.50947531
DNAJC10	NM_001271581	218.5890429	3.981597818	2.68E-21	54.89982989
RABGAP1L	NM_014857	109.4549929	2.859107906	4.94E-10	38.2829178
GK	NM_203391	37.80880717	1.305266678	0.002721837	28.96634673
BBS4	NM_001252678	111.3604715	6.407055282	1.14E-09	17.38091316
ATG10	NM_031482	267.1186893	3.354178174	1.04E-25	79.63759687
AEBP2	NM_001114176	136.0615464	4.314491063	3.06E-12	31.53594351
PML	NM_033246	72.67916077	7.472364552	4.78E-05	9.72639387
MRPS31P5	NR_051965	193.8879679	6.358442512	4.09E-18	30.49299692
CHCHD10	NM_001301339	228.5978501	11.39160984	5.49E-19	20.06721204
FOXJ2	NM_018416	78.55606789	8.161437116	1.04E-05	9.625273929
MCM8	NM_001281520	183.8791608	5.450365659	2.32E-17	33.73703202
EMC4	NM_016454	127.2461858	7.585519769	9.73E-11	16.77488025
FUS	NM_001170634	408.1846393	29.10926213	3.35E-30	14.02250038
MESP2	NM_001039958	91.50332862	16.39165914	5.87E-05	5.58231036
TNK1	NM_001251902	200.7978501	29.67582985	3.47E-11	6.766376916
CPSF2	NM_017437	174.9033286	4.57255419	1.01E-16	38.25068471
AMOTL2	NM_001278685	132.2505893	13.41604738	1.90E-09	9.857641795
ALDH3B1	NM_001290059	110.4879679	11.02730045	1.19E-07	10.01949375
LYRM4	NR_104417	60.76487506	4.604829392	0.000134118	13.1959015
CHP1	NM_007236	141.2264215	6.67844575	1.20E-11	21.14660009
SSBP2	NM_001256732	67.51428571	1.497281202	3.20E-06	45.09125314
SRP9	NM_003133	138.2879679	6.358994315	8.34E-13	21.74682994
OXNAD1	NM_138381	146.0703536	6.641009195	2.32E-12	21.99520424
TRIM38	NM_006355	59.73190005	9.755319986	0.001425129	6.123007767
TARDBP	NM_007375	229.6308251	15.67538957	2.33E-17	14.64913035
CHD7	NM_017780	41.78023574	4.335613884	0.004447691	9.636521346
KLHL28	NM_017658	219.6220179	3.284947696	7.54E-23	66.85708213
TRIT1	NM_017646	176.9692786	5.701270946	9.47E-17	31.04032072
MCUR1	NM_001031713	225.498925	8.17973156	4.72E-20	27.56801044
SHKBP1	NM_138392	75.61761433	10.37412326	6.71E-05	7.289060715
WDR76	NM_001167941	123.4352287	6.104628913	5.79E-11	20.21993973
C3orf17	NM_015412	151.2352287	8.125408067	8.96E-13	18.61263181
CTU2	NM_001012759	116.3648751	23.68860436	1.26E-05	4.912272302
CDKL5	NM_003159	71.48571429	1.578828488	1.51E-06	45.27769471
CCDC115	NM_032357	134.1560679	16.6480377	1.48E-08	8.058371223
CDK1	NM_001170406	76.65058935	8.7419817	1.88E-05	8.768102242
PEX11A	NM_003847	178.8747572	5.609585666	2.83E-18	31.88733854
VMA21	NM_001017980	97.38023574	3.546154473	9.74E-10	27.46079915
FBXO28	NM_001136115	213.5846393	4.644596143	6.72E-21	45.9856213
MMS19	NM_022362	97.54070721	13.21233408	4.35E-06	7.382549262
PRIM2	NM_000947	105.4835644	3.754461429	8.42E-10	28.09552485
UBR7	NR_038150	180.9407072	6.463187431	8.12E-17	27.99558409
CASR	NM_000388	39.87475719	3.194963245	0.001786066	12.48050576
PRSS23	NR_120593	49.72309288	5.417462335	0.001411035	9.178299691
VPS45	NM_001279355	117.2373786	2.988849843	1.97E-11	39.22491418
XRN1	NM_001282857	96.5077322	3.299360989	4.24E-09	29.25043138
SPOCD1	NM_001281987	128.1186893	8.064275977	8.34E-11	15.88719058
SWAP70	NM_001297714	88.40440358	5.070907562	2.46E-07	17.43364526
SMC3	NM_005445	169.0264215	3.994819429	1.78E-16	42.31140468
PEX2	NM_001079867	97.54070721	9.133924985	5.55E-07	10.6789477
FAM86EP	NR_024253	133.1230929	9.183694081	4.50E-11	14.49559314
KIAA1731	NM_033395	147.1033286	7.32952362	5.12E-12	20.06997129
FBXO18	NM_001258452	220.6549929	11.37269954	1.71E-17	19.402165
STRIP1	NM_033088	135.1890429	8.688490309	9.92E-11	15.55955501
ORMDL3	NM_139280	125.1802357	13.26057754	1.45E-08	9.440028942
DHX29	NM_019030	246.5495144	3.63747951	7.98E-25	67.78031702
ZYG11B	NM_024646	152.1077322	4.206847009	1.33E-13	36.15718182
ZNF57	NM_173480	97.38023574	5.343375292	4.40E-08	18.22447993
EDA	NM_001005613	31.93190005	1.294909585	0.001842755	24.65955958
ACIN1	NM_001164816	110.3274965	18.62274799	1.84E-06	5.924340303

NUP107	NM_020401	135.1890429	3.324418061	1.80E-13	40.665476
VIPAS39	NM_022067	187.8505893	6.979576807	4.10E-17	26.91432368
PLEKHF2	NM_024613	144.3253465	4.590679714	2.30E-14	31.43877498
ACTN1	NM_001130004	138.1274965	10.72521374	3.46E-10	12.87876398
SLC30A5	NM_001251969	166.0879679	11.74049547	6.03E-13	14.14658933
TRAP1	NM_016292	64.73630363	10.184102	0.000581591	6.356604012
MYLK-AS1	NR_038266	118.4308251	5.520116644	2.20E-10	21.45440626
PIIG	NM_004792	73.55166431	3.42874192	5.45E-07	21.45150205
UBE4B	NM_001105562	150.0417822	6.180805666	2.68E-13	24.27544082
RNF170	NM_001160224	167.832975	6.231778385	1.18E-14	26.93179453
COPG2	NM_012133	110.3274965	1.547803915	1.12E-10	71.28002157
PDSS2	NM_020381	127.4066572	3.374543009	4.43E-12	37.7552329
SCML1	NM_006746	80.46154644	3.262917167	2.37E-07	24.65938984
APBB2	NM_001166050	68.7077322	6.193526364	2.45E-05	11.09347538
SLC25A12	NM_003705	122.2417822	5.273014559	1.26E-10	23.18252317
CMPK1	NM_001136140	126.2132108	6.918065335	2.87E-10	18.24400387
DDX26B	NM_182540	125.1802357	3.410451608	2.03E-12	36.70488549
PIGT	NR_047691	170.0593965	9.08370336	6.62E-15	18.72137275
NXF1	NM_006362	162.2770108	22.22330903	7.45E-10	7.302108369
HSD17B7	NM_016371	128.1186893	3.236215085	6.85E-13	39.58905262
TMED7	NM_181836	100.4791608	4.444215671	9.88E-10	22.60897495
MDM4	NM_001204172	139.320943	8.610306052	1.30E-11	16.18071903
PLRG1	NM_001201564	126.3736822	3.360530312	4.34E-13	37.60527967
NMU	NM_001292045	181.8132108	3.312944209	2.98E-18	54.87964761
SMAGP	NM_001031628	68.54726073	6.981808412	6.51E-05	9.81798077
PPP2R1B	NM_002716	217.5560679	5.448713871	7.39E-21	39.92796705
RAB10	NM_016131	80.46154644	6.133731614	1.82E-06	13.11787856
TMEM116	NM_138341	129.3121358	3.873648937	1.99E-11	33.38251294
ICK	NM_016513	106.3560679	5.288483174	4.10E-09	20.11088329
RBP7	NM_052960	72.67916077	7.099234045	2.94E-05	10.23760596
LINC00535	NR_033858	127.4066572	4.04555275	4.97E-12	31.49301594
PCCA	NM_001178004	98.41321075	4.363472635	5.32E-08	22.55387371
ELMOD2	NM_153702	154.1736822	2.453676256	3.25E-17	62.83375072
WARS	NM_173701	121.5297501	7.359633344	5.52E-10	16.51301695
ZNF277	NM_021994	61.79785007	2.143012038	1.02E-05	28.83691224
GNPNAT1	NM_198066	205.6417822	4.06456527	8.75E-22	50.59379504
GNPDA2	NM_001270880	108.4220179	5.95640549	5.80E-09	18.20259183
CREBZF	NR_028027	250.3604715	9.529009693	8.59E-24	26.27350371
PARK2	NM_004562	85.46595002	1.517483493	8.29E-08	56.3208433
JAK2	NM_004972	143.1319	2.445545943	6.45E-14	58.52758582
NIP7	NM_016101	119.3033286	18.31043517	9.10E-07	6.515592203
TNFAIP8	NM_001286817	148.2967751	4.856535617	3.80E-13	30.53550655
MAT2A	NM_005911	262.5957001	46.29217434	3.23E-13	5.672572177
NCAPH	NM_001281711	181.8132108	13.17302037	6.20E-14	13.80193803
CDKN1C	NM_001122631	140.1934465	12.70792006	1.48E-09	11.03197422
MCM9	NM_153255	100.3186893	5.124915146	5.37E-09	19.5747025
ACAD11	NM_032169	211.6791608	3.298796816	3.45E-21	64.16859619
PIIB	NM_000942	184.7516643	20.990317	3.81E-12	8.801756748
PWWP2A	NM_001130864	234.4747572	5.693556197	8.87E-23	41.18247877
NR1D1	NM_021724	129.4726073	27.5800992	4.03E-06	4.694421378
RPP40	NM_006638	93.56927864	7.011352575	2.11E-07	13.34539629
TPGS1	NM_033513	144.0044036	9.335510822	2.40E-11	15.42544445
PDIA6	NM_001282707	111.3604715	4.935563514	3.99E-10	22.56286869
FLVCR2	NM_017791	54.72749646	7.101894975	0.001565666	7.706041368
SYNRG	NM_198882	197.698925	5.44374405	4.21E-18	36.31671938
RPS14	NM_005617	228.5978501	25.47796065	6.15E-15	8.97237629
RCL1	NM_005772	79.5890429	6.1943879	1.62E-06	12.84857264
LOC400685	NR_033982	25.89452145	0.560255904	0.002114356	46.21909606
CHID1	NM_001142677	104.4505893	12.00387548	1.83E-07	8.701405599
PARS2	NM_152268	157.1121358	13.82422456	1.30E-11	11.36498725
GKAP1	NM_025211	41.78023574	1.281089797	0.000723158	32.6130423
LOC102723809	NR_110550	82.52749646	5.169338117	4.02E-07	15.96480915

LINC01012	NR_038293	62.83082508	5.324705153	3.18E-05	11.79986934
RCHY1	NM_015436	156.9516643	4.324793366	4.01E-15	36.29113602
MKRN1	NM_001145125	169.0264215	6.494746434	1.98E-15	26.0250994
STMN2	NM_007029	44.87916077	2.603151153	0.000422842	17.24032072
NEMF	NM_004713	136.3824894	5.258083676	3.12E-12	25.93767954
FLNB	NM_001164319	251.3934465	7.713048013	8.76E-22	32.59326871
CRYZL1	NM_145858	104.4505893	3.756768673	2.53E-09	27.80330609
RNF130	NM_018434	131.2176143	4.005579927	1.53E-11	32.75870578
SAMD8	NM_001174156	213.5846393	4.345777423	2.11E-20	49.14762504
WARS2	NM_201263	130.1846393	3.060717988	9.74E-13	42.53401974
PROSC	NM_007198	156.0791608	12.87813974	2.20E-11	12.11969772
SHMT2	NM_001166358	62.67035361	7.803297455	0.000213207	8.031265497
NQO1	NM_001286137	124.3077322	18.4951205	1.32E-07	6.721109613
TMEM50B	NM_006134	199.6044036	2.586194023	1.32E-21	77.18075358
TMEM246	NM_032342	140.1934465	10.00715219	5.50E-11	14.00932491
PIR	NM_003662	59.73190005	3.268445572	2.08E-05	18.27532346
ASL	NM_001024944	264.3407072	12.99728546	1.34E-22	20.33814738
GSTK1	NM_015917	328.0440358	16.77439311	1.70E-27	19.55623871
SRD5A3	NM_024592	164.0220179	7.275367081	1.77E-14	22.54484428
CDK20	NM_001170640	79.5890429	8.633305653	8.78E-06	9.218837616
TPRKB	NM_016058	134.4770108	12.32742411	5.19E-10	10.9087681
BDNF-AS	NR_033312	242.2571429	4.999861608	3.42E-22	48.45276967
NGFR	NM_002507	279.032975	13.63135618	9.69E-24	20.46993501
KIAA1683	NM_025249	62.83082508	9.834980992	0.000733679	6.388504984
TBCEL	NM_152715	75.61761433	2.940237524	5.65E-07	25.71819919
FAM63B	NM_001040453	128.4396323	5.079518772	2.77E-11	25.2857875
ARSG	NM_014960	106.5165394	12.88650985	1.09E-06	8.265739955
CEP63	NM_001042384	98.57368223	4.109169488	1.68E-08	23.98871171
PDRG1	NM_030815	125.5011787	16.24573411	1.04E-07	7.725177442
SP3	NM_001172712	229.4703536	6.277433045	1.44E-20	36.55480703
STEAP1B	NM_001164460	50.75606789	4.820631998	0.000705788	10.52892399
ZNF74	NM_001256525	158.1451108	7.228598601	7.38E-14	21.87769989
PSMA5	NM_001199772	195.7934465	8.048376483	4.47E-17	24.32707353
ASB16-AS1	NR_049730	223.753918	14.41417988	4.95E-18	15.52318063
DPM1	NM_003859	166.0879679	8.678847718	7.62E-14	19.13709899
PTGES3L	NM_001261430	47.97808581	7.764445061	0.003274615	6.179203463
NCOA7	NM_001122842	168.153918	3.836152253	2.56E-16	43.83400524
HADHB	NM_001281513	167.832975	4.81099007	6.27E-16	34.88532975
BDH1	NM_203314	151.0747572	10.77248134	9.44E-12	14.02413728
TTPAL	NM_001039199	242.5780858	15.34798484	6.30E-19	15.80520754
LGR4	NM_018490	64.73630363	3.098555651	5.49E-06	20.89241276
IVNS1ABP	NM_006469	336.698925	5.59671403	1.29E-35	60.16010881
DEF6	NM_022047	79.74951438	11.4809616	2.87E-05	6.946239969
ARMC6	NM_033415	92.53630363	8.965503403	2.29E-06	10.32137287
FKBP1A	NM_001199786	135.1890429	14.17805691	6.32E-09	9.535089591
VWA8-AS1	NR_039974	210.6461858	3.912367994	5.91E-22	53.84109728
ACSS2	NM_018677	141.2264215	8.175694868	1.55E-11	17.27393497
TCEAL4	NM_024863	70.61321075	13.88629715	0.001306655	5.085100079
GTF3C2	NM_001035521	79.74951438	11.80865705	3.23E-05	6.753478745
ZNF28	NR_036600	95.47475719	5.833769342	2.63E-08	16.36587798
FAM120AOS	NM_198841	133.2835644	31.550607	8.97E-06	4.224437404
TMEM164	NM_032227	42.81321075	3.128727786	0.001004147	13.68390403
GSTO2	NM_001191014	181.9736822	7.042898651	7.73E-17	25.83789591
LOC100288152	NR_125375	110.3274965	23.7575009	3.13E-05	4.6439016
KCTD5	NM_018992	66.64178218	11.97243188	0.000515077	5.566269481
PELO	NM_015946	127.2461858	15.70928541	1.33E-08	8.100061998
DHRS4	NM_021004	181.9736822	11.35234639	4.86E-15	16.02960974
SULT1A1	NM_177536	115.3319	8.744424598	9.21E-09	13.18919258
ITGB4	NM_001005731	101.6726073	15.29501985	4.99E-06	6.647432186
PLEKHA8P1	NR_037144	136.2220179	5.125980076	1.49E-12	26.57482392
SNAI1	NM_005985	263.1472607	21.9414293	9.32E-19	11.99316859
ENY2	NM_001193557	272.4440358	12.63259586	1.29E-23	21.56674992

MSLN	NM_001177355	75.61761433	11.34043969	0.000148273	6.667961422
HEATR6	NM_022070	195.7934465	7.740957152	1.07E-17	25.29318308
G3BP2	NM_203504	130.3451108	7.006591328	4.55E-11	18.60321299
ST20	NR_037652	182.8461858	7.689459647	9.50E-16	23.77880816
EYA3	NM_001990	111.520943	5.183991113	1.70E-09	21.51256445
ZNF37A	NM_003421	74.7451108	3.705453648	2.50E-06	20.17164911
CABIN1	NM_001199281	178.8747572	8.072362129	5.54E-15	22.1589114
ANKRD12	NM_015208	143.1319	2.325886295	6.38E-14	61.53864887
SPCS3	NM_021928	165.9274965	2.816623592	2.01E-18	58.91007125
RNF34	NM_025126	226.6923715	8.570461269	3.07E-20	26.45042833
RBBP6	NM_018703	188.0110608	5.160042837	1.71E-18	36.43594961
MZT1	NM_001071775	100.4791608	8.30356054	5.03E-08	12.100732
OSTC	NM_021227	139.1604715	4.175364109	2.62E-14	33.32894278
ECT2	NM_001258316	108.5824894	3.9753057	1.89E-09	27.31424892
FAHD1	NM_031208	131.3780858	3.520268514	1.41E-12	37.32047294
ZFP1	NM_153688	171.8044036	3.801733213	9.82E-18	45.19107311
6-Mar	NM_001270660	137.0945215	5.679819617	4.30E-12	24.13712595
BIRC2	NM_001256166	165.0549929	4.487349053	3.22E-16	36.78229418
IQCC	NM_001160042	156.9516643	30.48891176	2.84E-07	5.147827695
NDUFS5	NM_004552	212.7121358	8.420149129	1.28E-19	25.26227654
HEXB	NM_000521	307.86595	6.642504115	3.53E-30	46.34787494
ATP11B	NM_014616	88.56487506	2.507794723	2.59E-08	35.31583916
G3BP1	NM_005754	221.5274965	9.258629792	2.84E-19	23.92659621
CDAN1	NM_138477	140.032975	19.24525403	1.99E-08	7.276234171
ZNF280B	NM_080764	55.76047148	10.20520345	0.002470535	5.463925509
SERINC3	NM_198941	110.3274965	9.329473825	3.08E-08	11.82569334
FAM83B	NM_001010872	135.1890429	1.699520182	1.46E-13	79.54541779
MRPS2	NM_016034	130.1846393	25.50593036	1.74E-06	5.104092949
FN3KRP	NR_046408	135.1890429	13.90398201	1.96E-09	9.723045012
HSD17B4	NM_000414	138.1274965	3.208706127	1.96E-13	43.04772422
TBC1D12	NM_015188	201.6703536	3.196124601	5.11E-20	63.0984016
COL4A3	NM_000091	129.3121358	3.785763439	3.18E-12	34.15747916
CPSF7	NM_001136040	164.1824894	11.60940611	2.35E-12	14.14219537
MAP3K7	NM_145332	105.3230929	4.807775777	4.44E-09	21.90682298
DNAH14	NM_001145154	195.7934465	3.184678611	8.42E-20	61.47981331
RNASEH1	NM_001286837	129.3121358	9.772574982	1.13E-09	13.23214568
ZNF142	NR_073600	79.74951438	10.91172906	2.67E-05	7.30860471
PTGES2	NM_025072	114.298925	12.06519135	6.80E-08	9.473444864
SSR3	NM_007107	193.7274965	7.62252632	5.69E-18	25.41512988
ATP6V1F	NM_001198909	208.5802357	24.37003238	8.37E-13	8.558882175
ZNF431	NM_133473	134.3165394	3.356650678	1.31E-12	40.01504841
EIF2B2	NM_014239	123.2747572	22.49611686	2.78E-06	5.479823826
ALG11	NR_036571	130.1846393	4.674072704	3.95E-12	27.85250628
TCEANC	NM_001297564	73.55166431	4.670586806	1.09E-06	15.74784227
SNHG1	NR_003098	271.4110608	52.12696186	1.95E-12	5.206730857
ANKRD10	NM_017664	173.8703536	10.33364492	3.77E-14	16.8256559
HS2ST1	NM_001134492	179.9077322	2.944501486	1.74E-17	61.09955559
MRPL21	NM_181514	163.1495144	10.9724767	2.92E-13	14.86897798
CR2	NM_001006658	84.59344649	5.264513855	2.77E-07	16.06861504
PTPRK	NM_002844	151.0747572	2.101020835	2.50E-14	71.90540648
MRPL12	NM_002949	148.1363036	12.32451676	2.49E-11	12.01964397
RPL9	NM_000661	183.0066572	23.72015784	2.99E-11	7.71523775
METTTL21A	NM_145280	73.71213579	5.839497295	1.11E-05	12.62302765
SLC36A4	NM_152313	202.7033286	2.605617902	9.66E-22	77.79472519
TOP1	NM_003286	144.1648751	5.925780505	1.32E-12	24.32841968
HECTD2	NM_001284274	92.37583215	1.519501986	7.05E-09	60.79349219
ADAM9	NR_027638	115.4923715	3.20374652	6.13E-11	36.04916019
CAMTA2	NM_015099	109.4549929	16.57012252	1.23E-06	6.605563285
FAM200A	NM_145111	102.5451108	7.195272907	3.53E-08	14.25173334
CCDC127	NM_145265	149.1692786	9.369908596	7.87E-12	15.92003562
CBX8	NM_020649	155.2066572	34.54982632	1.25E-06	4.492255787
ZNF837	NM_138466	204.7692786	15.39257601	1.14E-15	13.30311954

AHI1	NM_001134831	245.3560679	3.176826428	5.31E-24	77.23307314
NSRP1	NM_032141	178.0022537	5.517811116	2.71E-16	32.2595772
ATRN	NM_139322	166.9604715	4.512703926	8.05E-15	36.99787848
AIF1L	NM_031426	55.6	10.59019976	0.004287039	5.250137037
CHRNA7	NM_001190455	216.5230929	3.77490626	4.28E-20	57.35853501
CEP76	NR_073537	160.0505893	8.081877278	1.10E-13	19.80364015
NOL12	NM_024313	175.0638001	16.82550802	5.70E-12	10.40466653
PLEKHM1	NR_027782	358.9429609	38.13835864	1.03E-22	9.411599597
AXL	NM_001699	97.54070721	8.286881587	1.92E-07	11.77049608
CEP57	NM_014679	146.0703536	3.646387882	7.64E-14	40.05891813
DNAJB6	NM_058246	129.1516643	10.07605337	1.83E-09	12.81768363
RBBP5	NM_001193273	188.8835644	6.484423426	5.19E-17	29.12881407
ARHGAP26	NM_015071	48.69011787	5.714382069	0.00147937	8.520626952
SNUPN	NM_001042588	73.55166431	11.15848304	9.62E-05	6.591546902
JHDM1D-AS1	NR_024451	138.1274965	16.93088992	2.31E-08	8.158312833
ATG101	NM_001098673	208.5802357	17.0226183	1.74E-15	12.253123
PARN	NM_001134477	226.5319	5.274132221	1.77E-20	42.95150189
ASNS	NM_183356	165.9274965	6.800447369	3.01E-15	24.39949719
CTPS1	NR_125440	192.6945215	11.61307219	5.28E-15	16.59289792
LOC100131691	NR_027334	207.8682037	28.74061122	1.66E-12	7.2325603
AURKB	NM_001284526	239.4791608	22.34608517	6.89E-17	10.71682843
C2orf76	NM_001017927	118.4308251	5.138180273	2.99E-10	23.04917671
PHF12	NM_001033561	90.47035361	11.08933874	3.55E-06	8.158318156
UTP3	NM_020368	128.2791608	13.69772367	1.50E-08	9.36499844
KIAA0100	NM_014680	79.5890429	13.3337556	0.000112268	5.96898918
CCNB1IP1	NM_182852	106.3560679	6.381081229	1.06E-08	16.66740542
TMEM165	NR_073070	190.9495144	7.769514433	2.66E-17	24.57676294
RPLP1	NM_001003	196.8264215	43.15181654	3.58E-08	4.561254595
RPTOR	NM_020761	117.3978501	10.1897149	2.77E-08	11.52121047
TRMT5	NM_020810	142.098925	7.355042643	7.51E-13	19.31993218
HAPI	NM_177977	276.0945215	15.49878454	1.01E-22	17.81394668
HNRNPAB	NM_004499	216.6835644	27.85400491	3.05E-13	7.77926065
SPATC1L	NM_001142854	36.77583215	2.576260916	0.002240373	14.27488649
SLC22A4	NM_003059	79.74951438	7.377582275	7.95E-06	10.80970858
NDUFS1	NM_001199982	85.46595002	4.781477423	2.60E-07	17.87438117
CD59	NM_203330	228.4373786	9.443281617	7.72E-20	24.19046555
SUMO1	NM_001005781	146.0703536	6.368220408	1.39E-12	22.93738976
STAG2	NM_001282418	48.69011787	1.315716255	0.000238618	37.00654887
BBS7	NM_176824	232.5692786	2.507386313	1.04E-25	92.75366841
SNRNP200	NM_014014	220.4945215	12.66045512	8.33E-18	17.41600278
HR	NM_018411	56.63297501	11.78000602	0.002314473	4.807550601
ERICH1	NM_207332	102.3846393	6.351236459	9.59E-09	16.12042631
NUBP1	NM_001278506	207.7077322	10.78844865	4.29E-17	19.25278962
AKAP3	NM_001278309	47.81761433	2.873435387	0.000184095	16.64127008
LOC643201	NR_036494	91.6638001	4.17546741	8.79E-08	21.95294349
NSMAF	NM_003580	65.60880717	4.229346679	3.41E-05	15.51275224
SUOX	NM_001032387	193.7274965	15.20369325	1.17E-14	12.74213398
SLMO2-ATP5E	NR_037930	152.1077322	19.47641292	1.98E-09	7.809843261
NOTCH2NL	NM_203458	308.0264215	11.37705772	1.48E-26	27.07434815
PRDX1	NM_181696	255.3648751	17.27475224	1.76E-19	14.78254921
DBI	NM_001178017	74.58463932	15.8197179	0.001027352	4.714663041
BMP8A	NM_181809	120.1758322	8.877865336	1.14E-09	13.53656849
UEVLD	NM_001040697	224.46595	7.153309278	3.65E-20	31.37931568
BCL2L2-PABPN1	NM_001199864	119.3033286	15.04647282	1.08E-07	7.928989742
SH2D4A	NM_001174160	85.46595002	5.567203806	4.69E-07	15.35168336
MAP3K8	NM_005204	172.8373786	8.224863654	2.52E-14	21.0140114
ARAP1	NM_001040118	78.55606789	9.553854276	1.69E-05	8.222447781
RNF103	NM_001198951	213.5846393	6.404411265	6.09E-21	33.34961333
OCIAD2	NM_001286774	110.3274965	5.86699645	2.20E-09	18.80476619
MARS2	NM_138395	185.7846393	22.68211283	1.62E-11	8.19079954
ZNF600	NM_198457	136.0615464	7.011848541	5.38E-12	19.40451874
MAP3K14-AS1	NR_110326	211.6791608	18.85770895	9.70E-15	11.22507306

RAD51D	NR_037711	80.62201792	7.20444107	4.56E-06	11.19059996
CKAP5	NM_001008938	161.0835644	6.496924454	2.99E-14	24.79381829
NDUFV3	NM_001001503	159.1780858	9.309902118	1.33E-13	17.09771851
BSDC1	NM_001300958	120.1758322	11.43981603	6.49E-09	10.50504937
ZNF646	NM_014699	177.8417822	17.40635999	1.84E-12	10.21705758
SOD2	NM_001024465	206.6747572	10.83830377	9.23E-18	19.0689209
NUDT12	NM_001300741	174.9033286	2.95913018	3.94E-19	59.10633125
C12orf60	NM_175874	67.67475719	4.690387263	8.83E-06	14.42839437
RPSA	NM_002295	279.1934465	28.96850358	1.34E-18	9.637827709
MTO1	NM_012123	146.0703536	6.618676143	2.19E-12	22.0694215
RDH11	NM_001252650	214.6176143	11.90629612	5.57E-18	18.02555657
RSPO1	NM_001242910	59.57142857	4.18088803	6.96E-05	14.24851088
SYNJ1	NM_003895	176.0967751	4.038422228	2.93E-16	43.6053402
PLIN3	NM_001164189	107.2285714	12.79391549	3.63E-07	8.381216171
AK3	NM_016282	184.7516643	6.154292738	6.06E-17	30.0199669
MINA	NM_153182	186.8176143	6.667975092	6.93E-17	28.0171434
CCDC74A	NM_138770	113.4264215	4.605275279	4.13E-11	24.62967242
CYP4V2	NM_207352	66.80225365	9.111059163	0.000444939	7.331996473
LATS1	NM_004690	214.6176143	6.126412304	4.02E-19	35.03153292
SLC25A44	NR_104408	75.61761433	12.79663965	0.000278495	5.90917744
KIAA1586	NM_001286276	197.698925	4.901810348	2.69E-21	40.33181845
ABCD4	NM_005050	138.2879679	13.82001793	2.28E-09	10.00635228
TEX22	NM_001195082	86.49892504	20.92397098	0.000700933	4.133963152
NEK11	NM_145910	46.78463932	2.065029618	0.000503746	22.65567473
SAFB	NM_002967	128.2791608	8.180553268	1.80E-10	15.68098838
PAN2	NM_001166279	96.5077322	12.4143153	2.68E-06	7.773906967
FAM161A	NM_032180	130.1846393	5.985279015	3.16E-11	21.75080543
UBL7	NM_201265	203.7363036	9.260311734	1.27E-17	22.00102
ADII	NM_018269	180.9407072	13.70123577	2.31E-13	13.20615967
HERC4	NM_022079	121.3692786	3.7440057	2.35E-11	32.41695883
CDC6	NM_001254	206.8352287	11.18885244	1.44E-17	18.48583041
GLCCII	NM_138426	230.5033286	2.571868134	1.81E-23	89.62486279
RPP25L	NM_148179	247.4220179	44.67450495	4.93E-11	5.538327021
SNX1	NM_003099	112.232975	8.706156266	9.19E-09	12.89121991
RAPGEF6	NM_016340	187.8505893	3.527591715	3.61E-18	53.25179457
NUSAP1	NM_001243144	74.58463932	9.9824261	0.000108257	7.471594437
GPD1	NM_001257199	71.64618576	11.78792412	0.00026258	6.077930688
TRMT10A	NM_152292	76.65058935	1.140826891	4.23E-09	67.18862425
PAK4	NM_005884	181.8132108	9.44034353	8.69E-15	19.25917316
ERVMER34-1	NM_001242690	120.3363036	8.900224396	2.01E-09	13.5205921
ZCWPW1	NM_017984	176.0967751	6.568558637	4.26E-16	26.80904363
RPS6KA5	NM_004755	89.59785007	3.864312756	3.63E-08	23.1859727
PSMG4	NM_001128592	134.1560679	12.13722397	8.64E-10	11.05327447
MFGE8	NM_001114614	180.9407072	13.45057968	8.08E-14	13.45226091
ACBD3	NM_022735	97.54070721	6.54738191	1.63E-07	14.89766575
NTHL1	NM_002528	70.77368223	14.8718611	0.000919093	4.758898819
CDCA7L	NM_001127371	210.8066572	6.53982338	4.15E-19	32.23430435
LRRC49	NM_017691	108.2615464	2.243715742	2.42E-10	48.25100809
EP300	NM_001429	83.56047148	7.503717666	5.19E-06	11.13587627
RNF216	NM_207116	89.59785007	7.350497856	1.77E-06	12.18935803
TMEM184A	NM_001097620	69.74070721	12.74651589	0.00073071	5.471354511
TIFA	NM_052864	179.9077322	7.26296687	2.03E-16	24.77055663
PRPSAP1	NM_002766	136.5429609	11.30403687	2.11E-10	12.07913265
TNFSF12-TNFSF13	NM_172089	77.52309288	17.77573597	0.001122404	4.361174862
DNM2	NM_004945	84.59344649	10.58477839	1.34E-05	7.991990323
PPM1B	NM_002706	202.5428571	4.300317598	2.29E-19	47.09951126
RWDD3	NR_103484	151.9472607	4.333622791	2.94E-15	35.06241038
RPAP3	NM_001146076	148.1363036	3.488565485	3.66E-14	42.46338624
FAM219A	NM_001184943	95.47475719	9.221868458	4.42E-07	10.35308166
KDELR1	NM_006801	179.7472607	10.60590988	4.62E-15	16.94783971
OSCP1	NM_206837	51.7890429	6.833199044	0.002168064	7.579033272
ATF7IP2	NR_045816	151.2352287	3.160228627	6.66E-15	47.8557872

SH3TC2	NM_024577	64.73630363	4.248534591	3.48E-05	15.23732531
HIST1H2BK	NM_080593	118.2703536	11.24634957	8.53E-09	10.51633269
JMJD4	NM_023007	228.5978501	30.79259757	1.68E-13	7.423792344
CCSER1	NM_001145065	201.8308251	1.408128487	3.30E-19	143.3326766
ZWINT	NM_001005413	165.9274965	8.416308392	1.33E-14	19.71499721
NARF	NM_012336	161.4045073	12.80278785	5.82E-12	12.60698132
CDKN2AIPNL	NM_080656	210.6461858	16.9869564	6.28E-16	12.40046662
MSH4	NM_002440	146.0703536	5.046372755	7.08E-13	28.94561315
SH3RF1	NM_020870	126.3736822	4.718510406	8.06E-11	26.78253757
ZNF714	NR_117086	185.9451108	4.362068037	4.96E-18	42.62774198
VAX2	NM_012476	83.56047148	7.290841547	3.50E-06	11.46101872
EIF2B3	NM_001261418	95.47475719	6.022893581	8.49E-08	15.85197479
ADCK1	NM_020421	147.4242716	5.043749492	4.13E-13	29.22910263
DEPDC5	NM_001242897	129.3121358	7.605370969	3.64E-10	17.00273876
PRODH	NM_001195226	77.68356436	12.48844489	0.00017422	6.220435373
TPTE2P5	NR_038258	90.63082508	2.738572178	1.36E-08	33.09418893
DDX31	NM_022779	99.44618576	9.975082622	6.94E-07	9.969459856
LOC730101	NR_024403	143.2923715	11.63490655	3.75E-11	12.31573033
SWI5	NM_001040011	180.9407072	19.68965294	3.57E-12	9.189634157
DUSP22	NR_104474	194.7604715	5.781886214	3.57E-18	33.68459086
LOC102723354	NR_110546	83.56047148	15.58377406	0.000190897	5.362017643
DHCR24	NM_014762	226.5319	8.503971477	1.60E-19	26.63836546
TRIM36	NM_001300759	238.4461858	3.832420471	4.95E-24	62.21816932
IFT74	NM_001099223	172.9978501	4.266702093	8.05E-16	40.54603445
TMCC1-AS1	NR_037893	102.5451108	7.79957139	8.45E-08	13.14753153
MRPL36	NM_032479	88.56487506	13.14544843	0.000125145	6.737303452
LRP11	NM_032832	137.2549929	6.638322352	2.01E-11	20.67615666
PTPN13	NM_080684	219.7824894	1.941463209	8.42E-22	113.2045605
MAD2L2	NM_006341	137.0945215	16.36884292	6.84E-09	8.375333685
TARS	NR_047678	77.84403583	4.89575067	1.56E-06	15.90032685
NSUN2	NM_001193455	107.2285714	9.928569094	7.80E-08	10.80000254
DUSP10	NR_111940	46.78463932	5.163473694	0.002166619	9.060690941
TMEM219	NM_194280	90.47035361	7.541390178	7.30E-07	11.9965088
ZMYM6NB	NM_001195156	96.5077322	7.762905828	2.20E-07	12.43190815
MTMR14	NM_001077526	118.2703536	9.908492724	1.65E-08	11.93626083
F11R	NM_016946	68.86820368	11.23064876	0.000289865	6.132166105
TBC1D31	NM_145647	290.3957001	6.888628494	1.70E-26	42.155808
TOPORS	NM_001195622	191.8220179	4.53597595	1.39E-20	42.28902887
ZWILCH	NM_001287823	92.37583215	6.187993912	9.88E-08	14.92823579
LOC100631378	NR_040015	27.8	0.527429223	0.001396778	52.70849394
PTPLAD1	NM_016395	170.9319	7.216726414	8.26E-15	23.68551754
ZNF567	NM_001300979	149.1692786	4.680421136	3.85E-14	31.87090954
PARK7	NM_007262	178.8747572	10.89143459	2.90E-14	16.423434
TIMM23	NM_006327	136.2220179	6.882657061	1.17E-11	19.79206819
LOC100996437	NR_110037	181.8132108	10.61935472	3.47E-15	17.1209283
MAPK8IP3	NM_001040439	97.38023574	10.4957064	1.20E-06	9.278102118
HSPB8	NM_014365	41.78023574	3.325817789	0.000518163	12.56239469
AKAP9	NM_147185	151.2352287	2.462221972	1.05E-14	61.42225616
PPFIBP1	NM_177444	230.5033286	4.709560371	3.45E-21	48.94370397
LINC00933	NR_038274	79.5890429	4.193731375	1.12E-07	18.97809749
PTP4A1	NM_003463	136.2220179	25.24963765	4.02E-07	5.395008823
ASB3	NM_016115	142.098925	5.373458402	1.44E-12	26.44459386
TM2D2	NM_001024380	207.7077322	7.958575383	1.04E-19	26.09860712
LOC100506127	NM_001282456	166.0879679	9.78925352	1.35E-13	16.96635679
ZNF83	NM_001277949	103.4176143	6.483982455	1.05E-08	15.94970607
RPS20	NM_001146227	271.2505893	42.12754983	1.40E-14	6.438793389
HIFX-AS1	NR_026991	190.7890429	10.51978094	1.32E-16	18.13621824
SPTLC1	NM_006415	130.1846393	7.925594327	1.51E-10	16.42585199
KCNK1	NM_002245	52.66154644	4.813011878	0.000698055	10.94149522
RBMX	NM_001164803	241.3846393	12.23559578	3.91E-20	19.72806585
RUFY1	NM_025158	199.6044036	13.60447694	2.47E-15	14.67196457
APOO	NR_026545	103.2571429	2.585522981	5.21E-10	39.93665638

DHX35	NM_001190809	104.4505893	5.653920119	5.10E-09	18.47401222
DHFR	NM_000791	227.5648751	2.932562851	3.97E-25	77.59931726
NSUN4	NR_045790	169.898925	15.06165137	4.54E-12	11.28023222
CSPP1	NM_024790	169.0264215	6.63612542	5.52E-15	25.47064903
NME1	NM_000269	278.320943	22.95642402	9.80E-20	12.12388056
FAM198A	NM_001129908	74.7451108	4.491887273	5.37E-06	16.64002372
LEO1	NM_001286430	172.8373786	7.829477362	4.75E-15	22.07521276
RNF8	NM_183078	196.66595	6.909617234	1.14E-17	28.46264031
LOC101928580	NR_120556	42.81321075	5.025242224	0.002752759	8.519631262
EFTUD1	NM_001040610	148.1363036	3.305835974	2.19E-14	44.81054257
EXOC1	NM_001024924	105.4835644	3.836622432	2.53E-09	27.49386113
CCDC43	NM_144609	173.8703536	5.628687969	9.99E-17	30.89003238
AGAP2	NM_014770	87.53190005	18.1774908	0.000172466	4.815400596
C1orf43	NM_001098616	74.58463932	12.09021723	0.000236683	6.169007378
SMARCAD1	NM_001128429	149.0088072	2.757150216	7.71E-15	54.04450084
ANO10	NM_018075	99.28571429	3.88013472	2.92E-09	25.58821316
C11orf65	NM_152587	179.9077322	3.296454787	4.78E-18	54.57612611
TERF1	NM_017489	287.1363036	3.651462742	1.88E-30	78.63596698
TMEM161B	NM_001289008	158.1451108	4.268118789	2.18E-14	37.0526498
ARPC1B	NM_005720	166.9604715	25.52932305	2.90E-09	6.539949029
FAM160A2	NM_032127	130.3451108	7.604137877	3.20E-11	17.14133974
UGGT1	NM_020120	158.3055823	5.560485014	5.03E-14	28.46974353
KLHDC7A	NM_152375	36.93630363	1.597861448	0.000364803	23.11608662
TBCC	NM_003192	165.9274965	29.53166117	1.27E-07	5.618630646
FAM86B1	NR_003494	73.55166431	6.859256185	9.59E-06	10.72297962
XBPI	NM_005080	260.2088072	18.03843798	2.66E-20	14.42524056
IL27RA	NM_004843	132.2505893	6.357052528	1.77E-11	20.80375909
FKBP9	NM_007270	113.586893	6.200211977	5.40E-10	18.31984026
PRPF6	NM_012469	59.89237152	10.05593843	0.001648201	5.955920666
EIF5	NM_001969	221.5274965	24.45155176	2.30E-14	9.059854305
STEAP2-AS1	NR_110029	119.3033286	1.931778165	2.50E-11	61.75829646
FECH	NM_000140	86.49892504	5.483973056	3.24E-07	15.77303976
ZBTB37	NM_001122770	155.0461858	8.549694094	6.01E-13	18.13470565
POLDIP2	NM_001290145	128.2791608	21.14789213	5.55E-07	6.065813083
CCNI	NM_006835	101.5121358	7.250762294	3.37E-08	14.00020186
PPP1R21	NM_001135629	165.9274965	5.26461717	4.21E-15	31.51748572
ORC6	NR_037620	151.0747572	6.369131054	2.14E-14	23.71983806
FAM111B	NM_001142704	47.81761433	3.697855034	0.000807726	12.93117602
ZKSCAN3	NM_001242895	96.5077322	10.43646434	6.07E-07	9.247167341
FASTKD3	NR_036553	131.2176143	0.962005545	6.55E-18	136.4000602
ZNF451	NM_001257273	175.9363036	8.477144313	2.46E-15	20.75419471
LOC643770	NR_038383	72.5186893	7.205159187	2.92E-05	10.06482819
FAM45A	NM_207009	341.7033286	12.85847844	3.38E-29	26.57416508
ZDBF2	NM_001285549	54.72749646	2.931496247	5.12E-05	18.66879295
ATXN7L1	NM_020725	126.2132108	6.982307407	1.05E-10	18.07614638
KIZ	NM_001163022	107.3890429	3.11987855	2.54E-10	34.42090491
RBM23	NM_018107	158.8571429	9.832796004	2.21E-13	16.1558465
KIAA0226	NM_014687	116.3648751	6.857922695	2.73E-09	16.96794791
TTC8	NM_144596	40.03522867	4.031808185	0.001687218	9.929844584
EDRF1	NR_110859	129.3121358	10.70895806	1.33E-09	12.075137
DNA2	NR_102264	97.54070721	6.092320329	3.15E-08	16.01043641
TCTN1	NM_024549	130.1846393	8.08222917	6.87E-11	16.10751645
FASN	NM_004104	73.71213579	13.21019289	0.000287362	5.579943943
GNE	NM_005476	77.68356436	7.557431226	1.40E-05	10.27909643
PRRG1	NM_000950	115.1714286	1.705003315	2.85E-11	67.54909362
ZNF322	NM_001242798	185.0726073	4.963771279	1.04E-17	37.28467668
CEP70	NM_001288966	137.2549929	3.774450074	2.64E-13	36.36423592
ZSCAN20	NM_145238	121.2088072	7.56700635	5.15E-10	16.018066
ARFIP1	NM_001025593	180.9407072	4.157459234	2.48E-16	43.52194382
UGP2	NM_001001521	138.1274965	6.988807303	2.45E-11	19.76410144
TFEB	NM_007162	65.60880717	9.439584698	0.000164385	6.95039128
LOC101929657	NR_110306	76.65058935	5.706910488	1.52E-06	13.4311883

TSGA10	NM_025244	107.3890429	4.694643843	3.49E-09	22.87480084
FITM2	NM_001080472	140.1934465	3.052969095	1.80E-15	45.92036215
NUDT13	NM_001283016	47.81761433	6.278466225	0.001048168	7.616129899
CEBPA	NM_004364	244.3230929	12.6966331	1.53E-20	19.24314037
KLF5	NM_001730	167.832975	8.311051187	1.65E-14	20.19395276
SMDT1	NM_033318	162.9890429	16.44343966	5.45E-11	9.912101498
RPGR	NM_000328	103.4176143	1.840139778	2.07E-10	56.20095582
ABHD6	NM_020676	118.2703536	7.523020878	2.64E-09	15.72112527
TEX264	NR_103463	118.4308251	10.52598027	1.22E-08	11.25128701
SOX9-AS1	NR_103737	47.81761433	8.887828086	0.004501829	5.380123678
FOXRED2	NM_001102371	179.9077322	8.787701371	1.41E-15	20.4726725
PYGO2	NM_138300	291.1077322	26.84093979	4.44E-20	10.84566094
ZFAND1	NR_033193	227.5648751	7.093899616	2.03E-21	32.07895338
CDNF	NM_001029954	219.4615464	6.374065874	7.22E-21	34.43038569
SPNS1	NM_001142448	114.298925	8.362670143	2.34E-09	13.66775481
C10orf88	NM_024942	126.2132108	5.665644276	7.13E-11	22.27693879
ILVBL	NM_006844	61.79785007	11.31470944	0.001801768	5.46172665
BCAS2	NM_005872	151.2352287	7.467886908	3.47E-13	20.25140853
FAM129B	NM_001035534	54.88796794	9.353932946	0.001618363	5.867902652
UBE2K	NM_001111112	207.7077322	7.327551288	4.47E-18	28.34613147
LUC7L3	NM_006107	299.2110608	11.09745178	4.76E-26	26.96214112
UPK3A	NM_006953	92.53630363	9.92490666	1.08E-06	9.323644726
SMAD5	NM_005903	149.0088072	3.13508791	2.98E-15	47.52938719
RPS13	NM_001017	203.7363036	21.65642911	2.52E-13	9.407659156
PCMTD2	NM_018257	97.38023574	6.729424324	8.09E-08	14.47081222
ZNF14	NM_021030	160.0505893	4.025783053	2.58E-16	39.75638708
MRE11A	NM_005590	112.3934465	3.040689633	7.98E-11	36.96314326
FAM154B	NM_001008226	100.4791608	6.504192849	4.34E-08	15.4483674
RTF1	NM_015138	181.8132108	8.140001558	1.24E-15	22.335771
TOR1AIP2	NM_022347	144.1648751	9.918761616	1.47E-11	14.53456396
PXYLP1	NM_152282	80.46154644	7.976993581	8.81E-06	10.08670066
LNPEP	NM_005575	109.6154644	3.47101524	2.25E-10	31.58023138
ISCA2	NM_001272007	126.2132108	23.06055722	8.25E-06	5.473120599
IP6K1	NM_153273	124.3077322	6.169108176	4.74E-11	20.15003282
FUT11	NM_173540	266.2461858	42.92447276	1.29E-13	6.202666419
ELFN1-AS1	NR_120510	96.34726073	7.066944949	3.48E-08	13.63350945
ACP6	NM_016361	212.5516643	8.173881491	7.73E-19	26.00376144
UHRF1BP1	NM_017754	197.698925	6.264030354	4.51E-18	31.56097813
MSRB3	NM_198080	101.3516643	1.91623684	1.87E-09	52.89099041
FAM134C	NM_178126	196.8264215	10.95978832	1.01E-15	17.95896195
OGFR	NM_007346	112.232975	13.39297541	2.22E-07	8.379988133
NPHP4	NM_015102	137.2549929	5.311845026	5.58E-12	25.83941969
PHACTR2	NM_001100164	75.61761433	3.471822235	8.80E-07	21.78038195
MRPL35	NM_016622	121.3692786	9.46550524	1.72E-09	12.82227156
LEPROTL1	NM_015344	119.3033286	6.080586773	7.30E-11	19.62036446
MTPN	NM_145808	103.4176143	3.229097228	4.20E-10	32.02678861
PITPNM1	NM_004910	81.49452145	10.66275956	1.04E-05	7.64291092
BPNT1	NM_001286150	71.64618576	6.107961472	7.81E-06	11.72996688
PCAT6	NR_046325	193.7274965	18.00836216	4.08E-10	10.75764108
ZNF589	NM_016089	172.9978501	7.9461775	1.83E-15	21.77120384
NAE1	NM_001286500	190.7890429	5.481969523	5.64E-18	34.80301051
PAICS	NM_001079525	101.5121358	10.91302622	2.29E-07	9.301923564
RAB4B-EGLN2	NR_037791	84.59344649	13.78456429	3.76E-05	6.13682411
HEBP1	NM_015987	119.3033286	7.487035731	5.61E-10	15.93465464
HHAT	NM_018194	127.2461858	2.843764544	4.35E-12	44.74568263
UBE2A	NM_003336	107.3890429	7.775121892	8.82E-09	13.81187901
DUSP4	NM_001394	208.5802357	14.82932086	1.30E-15	14.06539367
C12orf49	NM_024738	49.88356436	8.00221596	0.003994767	6.233718836
BTA1F1	NM_003972	107.3890429	4.27923069	2.74E-09	25.09540866
U2AF2	NM_007279	212.7121358	19.9432645	1.09E-14	10.66586345
TSC22D1	NM_006022	166.0879679	36.17105004	2.59E-07	4.591737529
KNOP1	NM_001012991	123.2747572	12.21222429	5.19E-09	10.09437382

PCYOX1L	NM_001301054	74.58463932	14.63290508	0.000661116	5.097049348
TRAPPC3	NR_073097	157.2726073	9.574022788	8.78E-13	16.42701409
SLC35C2	NM_001281460	162.8285714	18.6695262	1.80E-10	8.721623124
SMIM11	NM_058182	110.4879679	7.719718678	8.74E-09	14.3124345
USP39	NM_001256726	145.1978501	10.33427682	2.17E-11	14.050122
LINC00910	NR_027412	306.070976	14.19932864	1.38E-25	21.5553132
PXK	NM_001289100	55.6	7.557583545	0.001621388	7.356848875
ELF2	NM_001276458	81.49452145	9.320517471	1.51E-05	8.743561901
FNDC3B	NM_022763	205.8022537	4.645555428	2.27E-18	44.30089294
TUBB3	NM_006086	271.2505893	25.4708209	1.02E-18	10.64946397
NFE2	NM_001136023	71.64618576	14.01153815	0.000947544	5.113370494
CD83	NM_004233	117.2373786	5.263776397	3.33E-10	22.27248457
SREK1	NM_139168	81.49452145	2.608524991	3.48E-08	31.24161039
CADPS2	NM_017954	86.49892504	1.895177687	7.61E-08	45.64159108
RBMS1	NM_002897	87.53190005	3.914723156	3.79E-08	22.35966544
TBP	NM_001172085	85.46595002	8.458742437	1.34E-06	10.10386008
TUBGCP2	NM_001256618	58.69892504	5.034758723	9.01E-05	11.65873645
PNPLA4	NM_004650	93.40880717	2.031015495	5.45E-10	45.99118392
IQGAP1	NM_003870	136.0615464	6.096209953	5.61E-12	22.31903879
APBA3	NM_004886	196.8264215	12.37310041	2.80E-16	15.90760722
ARRDC3	NM_020801	139.320943	13.54559175	8.44E-10	10.28533456
WDR4	NR_048535	156.0791608	10.1329852	1.38E-12	15.40307794
ZNF107	NM_001013746	136.0615464	5.423000684	1.81E-12	25.08971589
MTRF1L	NM_001114184	156.0791608	10.33595734	1.94E-12	15.10060033
PMS1	NR_110332	287.1363036	4.284375654	1.45E-27	67.01940419
PRDM11	NM_001256696	151.2352287	7.687288776	1.68E-12	19.67341583
NIT1	NM_001185093	125.1802357	25.09906695	7.49E-06	4.987445788
ASB8	NM_024095	101.3516643	10.46975137	5.78E-07	9.680427041
PLEKHJ1	NM_018049	91.50332862	19.90605949	0.000360145	4.596757518
TCTN3	NM_001143973	76.9715323	6.803704018	1.12E-05	11.3131806
CEP95	NM_138363	221.6879679	15.27303631	4.22E-17	14.51498991
NBN	NM_002485	265.3736822	3.419531604	2.56E-27	77.60527258
DST	NM_001144769	37.96927864	3.128923602	0.003592852	12.13493312
ENTHD2	NM_144679	79.5890429	7.85851742	1.12E-05	10.12774276
BAX	NM_001291431	123.2747572	22.82201138	2.98E-06	5.401572856
BARD1	NR_104212	151.0747572	3.84131817	8.95E-14	39.32888412
PKIB	NM_181794	113.26595	2.674623255	9.64E-11	42.34837554
FAM127B	NM_001134321	147.9758322	35.31719341	3.35E-05	4.189909159
JADE1	NM_001287443	99.44618576	8.417740949	1.27E-07	11.81388051
PCMT1	NM_001252051	179.0352287	4.964413646	8.53E-17	36.063721
GALNT11	NM_022087	155.9186893	4.70308265	3.80E-14	33.15244509
UBLCP1	NM_145049	219.6220179	6.355181143	2.36E-21	34.55794776
SP2	NM_003110	79.74951438	15.09192851	0.000339595	5.284249413
HDHD1	NM_001178135	44.7186893	3.330992944	0.000502434	13.42503273
PIKFYVE	NM_001178000	142.098925	3.138657973	8.38E-14	45.2737846
MAPKBP1	NM_001265611	89.75832155	9.847799746	6.41E-06	9.114555927
RACGAP1	NM_001126104	129.1516643	6.672919741	1.07E-10	19.35459579
LOC100499484-C9ORF174	NR_036529	215.6505893	6.015429327	1.76E-19	35.84957575
AFAP1	NM_001134647	119.4638001	6.977760202	2.35E-09	17.12065142
BBS9	NM_014451	53.69452145	1.922112806	8.59E-05	27.93515619
DYNLL1	NM_001037495	157.9846393	35.22245212	1.22E-06	4.485339033
LOC102288414	NR_104414	208.5802357	19.70942001	3.63E-14	10.58276883
COPB2	NR_023350	93.56927864	5.595920689	3.49E-08	16.72098013
AMZ2	NM_001289056	238.6066572	25.67168756	1.26E-15	9.294545076
FKBP3	NM_002013	191.8220179	13.55054217	1.17E-14	14.15604007
MPP6	NM_016447	81.49452145	2.289156088	8.86E-08	35.60024669
CRSP8P	NR_003665	68.54726073	3.119732615	1.25E-05	21.9721589
FASTKD2	NM_001136193	62.67035361	7.203086246	0.000240926	8.700486357
CRBN	NM_001173482	143.1319	5.714528433	1.84E-12	25.04701861
PHLDB1	NM_001144758	140.032975	13.88024795	7.69E-10	10.08865083
VWA5A	NM_014622	172.8373786	3.302586234	1.98E-17	52.33394872
CLASP1	NM_001142273	137.2549929	5.626620024	8.48E-12	24.3938621

NDUFS8	NM_002496	127.2461858	18.28316717	1.62E-07	6.959745246
BLCAP	NM_006698	264.1802357	10.64371945	1.65E-23	24.82029303
EIF3J-AS1	NR_034170	181.8132108	34.33867806	1.25E-08	5.294706174
PLCXD2	NM_153268	166.9604715	4.385409166	9.20E-15	38.07181158
TAF6L	NM_006473	129.1516643	17.7365247	6.57E-08	7.281678146
GOT2	NM_002080	180.0682037	7.321867855	2.67E-16	24.59320589
RAB1A	NM_004161	93.40880717	7.533379825	3.44E-07	12.39932266
MRRF	NM_138777	166.9604715	6.066802603	3.59E-15	27.52034019
MKRN2OS	NM_001195279	48.69011787	3.384916702	0.000203547	14.38443606
PPOX	NM_000309	95.47475719	22.92223566	0.000429631	4.165159046
TRPC1	NM_003304	58.69892504	2.718463907	1.81E-05	21.5926814
ATPAF2	NM_145691	104.2901179	8.623381935	8.14E-08	12.0938767
RHOBTB1	NM_014836	44.7186893	4.485459929	0.002333722	9.969699876
MRPS35	NM_001190864	152.1077322	3.403482585	1.79E-14	44.69179095
PMS2L2	NR_003614	227.5648751	1.448217592	7.71E-31	157.1344502
CENPU	NR_104593	100.3186893	3.13541362	5.78E-10	31.99536057
TMEM194A	NM_015257	149.1692786	7.001623443	3.81E-13	21.3049559
CHMP1B	NM_020412	108.5824894	9.452726571	3.17E-08	11.48689625
ANGEL2	NM_144567	108.4220179	6.375899028	5.98E-09	17.00497725
GCFC2	NM_003203	235.6682037	4.834653528	5.00E-23	48.74562413
ZNF438	NM_001143767	82.68796794	3.131264137	1.27E-07	26.40721585
ZNF37BP	NR_026777	113.26595	2.28102914	6.29E-12	49.65563483
ADH5	NM_000671	213.5846393	7.910115628	8.28E-20	27.00145603
UBE2C	NM_001281742	131.3780858	22.97177535	6.20E-07	5.719108943
RAI14	NM_001145522	118.2703536	4.383925729	5.26E-10	26.97818369
PDCD6IP	NM_001162429	262.2747572	4.264545661	1.22E-25	61.50121913
ARFGAP3	NM_014570	99.44618576	7.850221918	1.21E-07	12.6679458
LAMC2	NM_018891	112.3934465	6.03878753	1.14E-09	18.61192266
STAT3	NM_139276	58.69892504	5.711718663	0.000124673	10.27692863
LUC7L2	NM_001270643	93.56927864	5.821328762	6.21E-08	16.0735259
MPZL2	NM_144765	70.77368223	13.64880261	0.000838253	5.185340007
TOM1L1	NM_005486	155.2066572	11.89691524	7.07E-12	13.04595806
PSTK	NM_153336	80.78248939	18.07156669	0.000625726	4.470143113
ZNF385A	NM_001130968	54.72749646	11.70323522	0.004221071	4.676270745
ARMC8	NM_001267042	137.2549929	5.620198349	5.22E-12	24.42173468
GSN	NM_001127666	213.5846393	10.48112651	1.21E-17	20.37802322
ZNF791	NM_153358	118.2703536	11.54244935	3.58E-08	10.24655599
LOC101927021	NR_110068	113.4264215	14.93322016	1.92E-07	7.595576861
BCS1L	NM_001257342	134.1560679	33.05555855	2.06E-05	4.058502526
ERCC1	NM_001983	160.0505893	18.97149651	4.02E-10	8.436371337
ESRP1	NM_001034915	59.89237152	7.303553791	0.000513358	8.200442311
TSC22D4	NM_030935	120.3363036	11.80871012	1.08E-08	10.19046978
LCMT1	NM_016309	155.2066572	7.483815003	7.32E-13	20.73897567
EIF4E2	NM_004846	184.7516643	12.33899958	5.59E-15	14.9729857
C10orf32-ASMT	NR_037644	127.4066572	8.081363012	1.86E-10	15.76549117
ARG2	NM_001172	81.8154644	9.209227873	1.65E-05	8.884074272
MCCC1	NR_120640	51.7890429	4.424937369	0.000732197	11.70390417
KRR1	NM_007043	142.419868	3.520101321	1.89E-15	40.45902519
AKR1A1	NM_006066	148.2967751	12.43303608	3.60E-11	11.92763973
DHDDS	NM_024887	136.2220179	9.268211179	1.57E-10	14.69776802
MTF2	NM_001164393	171.9648751	3.491068391	2.65E-16	49.25852369
GDPGP1	NM_001013657	177.8417822	7.726898896	1.29E-16	23.01593234
THYN1	NM_014174	130.3451108	20.85603749	2.43E-07	6.249754338
NDUFAB1	NM_005003	156.0791608	13.26956574	1.82E-11	11.76219055
TBCD	NM_005993	127.4066572	10.25581563	2.41E-09	12.4228693
TMEM169	NM_001142311	77.68356436	9.855600276	4.46E-05	7.882174822
SSR4	NM_001204527	93.40880717	21.03887637	0.000144633	4.439819196
ASCC1	NM_001198800	186.9780858	6.667795977	1.06E-15	28.04196266
BCLAF1	NM_001301038	155.2066572	6.273367746	1.70E-13	24.74056416
ANXA6	NM_001155	100.4791608	7.99784007	1.18E-07	12.56328707
CD58	NR_026665	202.8638001	6.758415009	6.38E-18	30.01647573
ARMCX5	NM_001168485	46.78463932	4.927922031	0.002335472	9.493786433

TMX1	NM_030755	232.4088072	2.180290466	1.04E-28	106.5953417
RPL28	NM_001136136	323.9121358	66.16629497	2.63E-11	4.895425018
HSCB	NM_172002	170.9319	13.57967412	7.26E-13	12.58733446
NFKBID	NM_139239	217.7165394	18.07895826	5.33E-16	12.04253786
HNRNPU	NM_004501	245.5165394	11.25930426	2.89E-21	21.80565811
ST13	NM_001278589	61.79785007	6.66519648	0.000238651	9.271722185
C1orf174	NM_207356	114.298925	7.783643006	2.81E-09	14.68450248
CCT6P1	NR_003110	167.832975	8.291801088	3.62E-15	20.24083468
FAM217B	NM_001190827	254.3319	7.864875166	2.10E-25	32.33769064
MED4	NM_001270629	105.4835644	4.738727413	6.97E-10	22.25989283
ZNF34	NM_001286769	167.2814144	10.2233832	1.05E-13	16.36262783
DAPK1	NM_001288730	92.69677511	4.71487513	1.66E-07	19.66049419
IFIT5	NM_012420	101.5121358	12.02957169	6.69E-07	8.438549469
HERPUD1	NM_001010989	275.2220179	12.29406943	5.49E-24	22.38656773
HINFP	NM_198971	114.298925	10.63270958	3.76E-08	10.74974579
ODF2	NM_002540	91.50332862	11.45953138	3.56E-06	7.984910168
LOC493754	NR_111973	143.1319	11.29995489	8.04E-11	12.6665904
RNF14	NM_004290	111.3604715	10.45879529	2.84E-08	10.64754289
TFRC	NM_003234	228.5978501	10.61399896	8.23E-19	21.53739142
FBXL2	NM_012157	54.88796794	3.827842994	7.82E-05	14.33913774
CSTB	NM_000100	232.4088072	26.37091601	2.13E-14	8.813072972
INTS8	NR_073445	233.7627251	8.291803393	7.28E-21	28.19202459
TOR3A	NM_022371	154.1736822	17.4069593	2.23E-10	8.857014
CAPN2	NM_001748	47.81761433	9.61393125	0.004729642	4.973783678
C16orf13	NR_109976	103.2571429	12.19648341	2.55E-06	8.46614056
SCAMP3	NM_052837	143.1319	21.69181425	3.81E-08	6.598429176
ATL2	NR_024191	140.032975	4.769552646	1.77E-12	29.35977133
COA1	NM_018224	160.0505893	5.761326296	2.30E-14	27.780164
SRP72	NM_001267722	67.83522867	5.729755309	1.52E-05	11.83911441
COX18	NM_001297733	241.3846393	7.046127271	1.21E-23	34.25777452
FAM13B	NM_001101801	200.6373786	6.011693836	2.59E-18	33.37451708
ANLN	NM_001284301	178.8747572	4.124374808	5.92E-17	43.37015075
DYNLRB1	NM_001281728	224.6264215	12.75136793	7.55E-18	17.61586856
SDF2	NM_006923	159.0176143	9.189483532	4.62E-13	17.30430375
RMDN1	NM_016033	222.5604715	10.40363125	5.17E-19	21.39257593
ETV3	NM_001145312	116.3648751	9.798355989	3.62E-09	11.87595911
SLC25A38	NM_017875	142.2593965	17.80460235	2.74E-09	7.990035031
AHCYL2	NM_015328	101.3516643	3.791247671	2.72E-09	26.73306339
PSME4	NM_014614	69.58023574	3.987307339	3.07E-06	17.45043204
OR51B5	NM_001005567	148.1363036	13.37558797	2.06E-10	11.07512462
TRIM21	NM_003141	108.4220179	7.027645652	4.96E-09	15.42792896
CDK2	NM_001798	182.1341537	11.7201926	1.17E-14	15.54020143
DDX39A	NR_046366	144.1648751	22.18514675	3.17E-08	6.498261052
TBCCD1	NM_018138	256.3978501	6.19415744	5.50E-25	41.39349905
NRDE2	NM_017970	51.62857143	5.669440557	0.000709045	9.106466663
PRPF18	NM_003675	133.2835644	4.563808234	2.50E-12	29.20446204
BLOC1S2	NM_001282439	309.9319	11.58863776	1.10E-27	26.74446354
ZNF823	NM_001080493	141.2264215	9.539701018	2.37E-11	14.80407208
AFMID	NR_027083	198.8923715	16.51828392	1.02E-14	12.04074058
SGMS1	NM_147156	85.78689298	3.406657877	7.62E-08	25.18212749
PPP2R5E	NM_006246	120.3363036	4.38069929	2.73E-10	27.46965625
EPB41	NM_203343	140.1934465	4.331756558	3.67E-12	32.36411018
PSMC2	NM_001204453	131.2176143	9.180733583	1.16E-10	14.29271563
ZNF410	NM_001242928	172.1253465	6.417182651	5.98E-15	26.82257244
PLEKHH1	NM_020715	71.64618576	10.67517991	0.000196692	6.711473377
ATP2B4	NM_001001396	79.5890429	6.63948257	1.90E-06	11.98723576
MINOS1	NR_033758	135.1890429	5.741351339	2.22E-12	23.54655462
CAD	NM_004341	165.0549929	11.12779521	1.07E-12	14.83267707
HIBADH	NM_152740	178.8747572	2.538688178	8.01E-18	70.45952267
IPO8	NM_006390	53.85499293	3.085617034	6.60E-05	17.45355705
NSA2	NM_001271665	131.3780858	13.25564745	2.61E-09	9.911102891
AGPAT2	NM_006412	230.5033286	14.04266906	2.13E-18	16.41449554

CCP110	NM_001199022	87.53190005	4.986441668	1.11E-07	17.55398055
HEATR3	NM_182922	124.3077322	5.798742938	2.52E-11	21.43701377
RNF216P1	NR_023385	145.1978501	7.204507154	9.33E-13	20.15375195
TPT1-AS1	NR_024458	68.7077322	9.795584692	0.000327136	7.01415325
PDHX	NM_003477	159.0176143	3.595462972	7.24E-16	44.22729856
RNF122	NM_024787	120.3363036	9.288878369	3.01E-09	12.95487989
LRIG2	NM_014813	195.7934465	5.142299062	8.87E-19	38.07507967
ZBTB8OS	NM_178547	80.62201792	7.116506801	5.95E-06	11.32887527
ZDHHC21	NM_178566	47.81761433	1.617556216	0.000213029	29.56163988
LRPPRC	NM_133259	122.5627251	5.432054654	1.27E-10	22.56286671
ZNF254	NM_001278677	102.3846393	2.584213615	6.97E-10	39.61926318
ARPC5	NM_005717	146.0703536	9.740462298	6.36E-12	14.99624444
C12orf65	NM_001194995	120.3363036	10.88469197	5.06E-09	11.05555434
HACL1	NR_104315	47.81761433	4.195150112	0.001133151	11.3983083
EXT2	NM_207122	55.76047148	4.953072061	0.000245071	11.25775494
ASTN2	NM_198187	136.2220179	3.726022044	6.08E-13	36.55963821
BFSP1	NM_001161705	54.88796794	7.58552559	0.001565465	7.235881982
LOC100288181	NR_038925	210.8066572	18.41090467	2.76E-15	11.4500977
WDR55	NM_017706	228.5978501	27.41815221	5.47E-14	8.337463748
POLR3C	NM_006468	153.1407072	9.659768814	8.33E-13	15.85345469
DTNBP1	NM_001271669	122.2417822	5.964370609	1.52E-10	20.49533642
DNTTIP1	NM_052951	194.7604715	13.79146885	6.93E-15	14.12180774
SUMF2	NM_001042469	195.7934465	13.36982642	1.96E-15	14.64442696
ZDHHC7	NM_001145548	78.55606789	11.42020604	5.96E-05	6.878690948
RRM1	NM_001033	49.72309288	7.545820904	0.004457608	6.589487548
KCTD20	NM_001286580	114.298925	7.02218318	4.15E-09	16.27683615
ANAPC13	NM_015391	90.63082508	8.490452838	5.37E-07	10.67443949
SEC23IP	NR_037771	191.8220179	11.02417867	1.55E-15	17.40011874
ZC3H14	NM_001160103	177.8417822	5.893211031	1.60E-16	30.17739925
CCDC82	NM_024725	138.1274965	0.988538218	1.75E-16	139.7290403
FLJ31306	NR_029435	178.0022537	8.253479922	9.87E-15	21.56693363
RCOR3	NM_001136223	81.49452145	4.622296876	6.84E-07	17.63074152
CHCHD7	NM_024300	234.6352287	16.47945229	5.90E-18	14.23804775
PANK1	NM_148977	88.56487506	7.117336154	1.41E-06	12.44354252
LOC100507006	NR_120420	94.76272513	4.339101917	1.68E-08	21.83924852
RGS9BP	NM_207391	132.2505893	8.911309836	1.01E-10	14.84075762
SNHG12	NR_024127	337.8923715	71.7603967	8.47E-14	4.708619058
HMGCR	NM_001130996	115.3319	4.953449577	1.41E-10	23.28314809
KAT5	NM_182710	135.1890429	32.4794981	9.99E-06	4.162288545
VDR	NM_000376	294.0461858	10.55403143	1.83E-25	27.86102995
GOSR1	NM_004871	142.098925	5.516055388	5.36E-13	25.76096777
PTDSS2	NM_030783	91.50332862	6.171998334	9.33E-08	14.82555951
PPP2R4	NM_001271832	169.898925	11.99323217	1.13E-12	14.16623331
CST6	NM_001323	77.52309288	15.27501754	0.001208098	5.075155737
NMNAT3	NM_178177	104.2901179	2.416103366	3.97E-10	43.16459276
ERCC5	NM_000123	56.63297501	5.094004143	0.000170379	11.11757537
SRPX	NM_001170750	81.49452145	3.250771427	8.19E-08	25.06928687
BLOC1S4	NM_018366	160.0505893	5.807891633	1.00E-13	27.55743382
FOLR2	NM_001113536	37.80880717	3.759235678	0.004456729	10.0575783
NOTCH2	NM_024408	315.0967751	8.377592332	8.96E-28	37.61185346
GAMT	NM_000156	132.2505893	31.56859072	1.93E-05	4.189309257
MAX	NM_001271069	50.75606789	9.271367675	0.002835838	5.474496285
ATP5SL	NM_001167869	173.1583215	19.64223232	1.79E-11	8.815613148
RPL31	NM_000993	237.5736822	38.70397125	2.12E-12	6.138224957
ELL2	NM_012081	107.3890429	5.66443095	2.67E-09	18.95848742
SPRYD3	NM_032840	83.4	12.64552685	4.56E-05	6.5952175
MED9	NM_018019	136.2220179	9.157906729	3.52E-11	14.87479857
LOC100996455	NR_073177	47.97808581	3.871966145	0.000303847	12.3911429
ZNF708	NM_001297561	229.4703536	3.400047794	9.07E-24	67.49033176
NEURL2	NM_001278535	90.63082508	19.99851846	0.000297149	4.531876962
FBXW11	NM_012300	59.89237152	5.729527758	0.000136519	10.45328237
ZNF416	NM_017879	42.10117869	5.18578565	0.001902133	8.118572871

SLC25A45	NM_001300820	108.4220179	13.45845433	2.75E-07	8.056052742
PTPN2	NM_080423	212.5516643	5.145298272	1.50E-19	41.30988197
IFT88	NM_006531	108.4220179	3.68868685	2.92E-10	29.39312073
STOM	NR_073037	120.3363036	4.388879774	4.14E-11	27.41845524
SEC24C	NM_198597	152.9802357	11.41198636	1.60E-11	13.4052242
PSMA7	NM_002792	155.9186893	20.65672103	1.74E-09	7.548085152
REL	NM_002908	187.6901179	4.696445595	4.12E-18	39.96429089
NGFRAP1	NM_206917	60.60440358	9.364072877	0.000992398	6.472013234
SVIL	NM_003174	47.81761433	6.447508903	0.001466892	7.416447972
CAMK2G	NM_172171	175.7758322	12.30365584	3.15E-13	14.2864718
NUF2	NM_145697	79.5890429	1.553118581	2.44E-08	51.24466598
PSMD7	NM_002811	166.9604715	22.91339186	8.03E-10	7.286589104
HIBCH	NM_014362	65.76927864	4.505010618	3.82E-05	14.59913954
NHLRC3	NM_001012754	62.83082508	6.448015209	0.000127551	9.744211676
ADAMTS7	NM_014272	70.61321075	10.7533112	0.000194465	6.566648118
ALDH6A1	NM_001278594	134.3165394	6.909594247	1.75E-11	19.43913558
PEX11B	NR_073493	90.47035361	4.784401246	1.79E-08	18.90944111
COPA	NM_004371	176.9692786	6.857856982	2.59E-15	25.80533235
KIF22	NM_001256269	176.9692786	18.16891113	7.58E-12	9.740224792
PPAP2C	NM_177526	123.1142857	9.105757352	2.05E-09	13.5204883
CCDC6	NM_005436	112.3934465	4.502661131	1.57E-09	24.96156011
CASZ1	NM_017766	53.85499293	7.00087025	0.000451957	7.692614061
GIT2	NM_057170	137.0945215	8.254706644	3.74E-11	16.60804283
AP4E1	NM_007347	84.59344649	2.493089083	4.24E-08	33.93117681
LINC00674	NR_027418	54.88796794	5.644978867	0.000345521	9.723325672
COL6A2	NM_001849	122.4022537	8.069674827	4.88E-10	15.1681767
ADAL	NM_001159280	92.69677511	4.905838473	4.18E-08	18.8951951
BAD	NM_032989	121.3692786	26.64773528	1.22E-05	4.554581369
WDR7	NM_015285	121.2088072	2.541989578	3.03E-11	47.68265308
ITCH	NM_001257137	167.9934465	4.634262286	4.46E-15	36.25031043
SRSF4	NM_005626	55.92094295	9.763871538	0.002613628	5.727332927
GPATCH2L	NM_017926	220.4945215	9.019563622	2.36E-18	24.44625158
TCOF1	NM_001135244	86.65939651	12.26519218	4.03E-05	7.065474006
TMEM87A	NM_001286487	130.3451108	5.587723374	1.15E-11	23.32705148
DLG2	NM_001300983	31.77142857	0.576026865	0.001939324	55.15615763
EIF3J	NM_001284336	207.5472607	10.61311283	4.15E-17	19.55573865
WDR60	NM_018051	99.44618576	5.255139893	1.94E-08	18.9236039
LIN54	NM_001115008	88.40440358	3.750297637	2.59E-08	23.57263667
SORD	NR_034039	178.8747572	7.356043704	1.35E-15	24.3167067
POLR2G	NM_002696	150.0417822	10.75491598	3.62E-12	13.95099529
SOCS4	NM_080867	157.9846393	3.961798778	4.98E-16	39.87699734
PPP3R1	NM_000945	144.0044036	3.872496287	5.78E-13	37.18645362
GLUL	NM_002065	128.1186893	24.36290561	1.79E-06	5.258760648
EXTL2	NM_001261442	107.5495144	4.871604595	4.95E-10	22.0768152
DNAJC1	NM_022365	71.64618576	2.783314209	1.78E-06	25.74132145
SMARCB1	NM_003073	194.920943	9.566902206	5.59E-16	20.37450982
LNP1	NM_001085451	139.320943	4.436589732	8.89E-13	31.4027105
LINC01271	NR_109950	99.44618576	13.29259625	3.32E-06	7.481321472
DNAAF1	NM_178452	70.61321075	13.08943049	0.000561164	5.394674032
VPS36	NM_001282168	90.47035361	4.675868381	6.88E-08	19.34835334
LGALS3	NM_001177388	67.67475719	14.77958035	0.002121069	4.578936316
LSM5	NM_001139499	194.7604715	13.50395782	3.19E-15	14.42247332
SAA2	NM_001127380	35.90332862	1.070936105	0.00055421	33.52518273
SPTSSB	NM_001040100	68.7077322	1.428965994	3.58E-07	48.08213247
FAM178B	NM_016490	69.58023574	8.108374443	6.60E-05	8.58128053
THAP3	NM_138350	107.3890429	22.26955029	2.58E-05	4.82223671
SLC25A32	NR_102338	163.1495144	7.412603047	3.22E-14	22.00974656
CASP2	NM_032982	82.52749646	7.476062757	2.40E-06	11.0388983
SMC1A	NM_006306	112.3934465	7.476527499	8.29E-09	15.03284065
C12orf43	NM_001286196	73.87260726	7.95046631	1.33E-05	9.291606855
ERICH6-AS1	NR_121674	88.56487506	6.314253554	4.13E-07	14.02618287
IQCB1	NM_001023570	222.5604715	3.944389724	1.35E-21	56.42456427

RAB37	NM_001006638	227.7253465	15.96421976	8.08E-18	14.26473389
EPS8L2	NM_022772	73.71213579	11.21299125	8.67E-05	6.573815508
COG4	NM_001195139	189.9165394	7.352844056	1.20E-16	25.82899051
HNRNPH3	NM_012207	277.2879679	15.09037992	5.29E-23	18.37514823
SNX12	NM_001256188	67.51428571	5.444783339	1.98E-05	12.39981125
DGUOK-AS1	NR_104029	115.652843	9.428398535	1.47E-08	12.26643555
PNPO	NM_018129	223.5934465	18.5808087	4.33E-16	12.03356916
POLR1B	NM_001282776	163.1495144	8.061578357	4.25E-14	20.23791213
DCBLD1	NM_173674	47.81761433	4.208171071	0.001317944	11.36303956
CNKSR1	NM_001297647	151.9472607	9.3105571	2.95E-12	16.31988925
ZC3HAV1	NM_020119	208.7407072	5.820794068	1.58E-19	35.86120807
PRDX5	NM_012094	120.3363036	28.31176061	4.22E-05	4.250399871
TRIM9	NM_052978	140.1934465	4.644266404	2.11E-12	30.18634899
CPM	NM_001005502	118.2703536	5.307575147	3.78E-10	22.28331212
SFPQ	NM_005066	243.6110608	15.30666501	1.26E-19	15.91535848
NEK3	NM_152720	44.00665724	4.036935002	0.00333465	10.90100713
ZNF169	NM_003448	50.04403583	4.250699826	0.000627124	11.77312863
LEPREL4	NM_006455	88.56487506	14.74024651	3.82E-05	6.008371367
CGNL1	NM_032866	96.34726073	4.836959651	4.56E-08	19.91897135
UHMK1	NM_175866	207.7077322	3.912405468	1.75E-21	53.08952098
LDHB	NM_001174097	198.7319	8.735250901	1.47E-17	22.75056576
AUH	NM_001698	85.6264215	5.235415668	5.48E-07	16.35522887
PTGR2	NM_001146154	145.1978501	8.588141505	1.70E-11	16.90678361
MMGT1	NM_173470	79.42857143	3.963577759	1.61E-07	20.03961478
ATP10D	NM_020453	135.3495144	3.387573096	5.44E-13	39.95471406
UBA2	NM_005499	185.9451108	7.770417581	2.48E-16	23.92987364
NCAPG2	NR_104054	160.0505893	5.394754446	1.62E-14	29.66781731
E2F7	NM_203394	300.9560679	8.961789877	7.02E-27	33.58213839
GYS1	NR_027763	175.9363036	10.51496601	9.38E-15	16.73198977
RAD51B	NM_133509	59.57142857	3.985872877	2.60E-05	14.94564187
SEL1L	NM_001244984	118.2703536	3.840402437	8.17E-11	30.79634375
SAYS1D	NM_018322	117.2373786	4.2085307	2.86E-11	27.85708053
GOSR2	NM_001012511	278.4814144	11.9004596	6.44E-24	23.40089575
CNN2	NM_004368	96.5077322	18.75424349	2.99E-05	5.14591443
FAM73A	NM_198549	101.5121358	4.640313756	1.01E-08	21.87613621
TPM2	NM_001301227	159.0176143	17.29252714	4.56E-11	9.195741779
MPI	NM_001289155	146.0703536	26.39139547	1.81E-07	5.534771883
B4GALNT1	NM_001276468	74.58463932	11.54015809	0.000126673	6.463051785
APLP2	NM_001642	154.1736822	5.521099577	6.56E-14	27.92445238
STRN3	NM_014574	122.2417822	4.116076915	1.20E-10	29.69861465
SPIN3	NR_027139	167.9934465	4.471410334	1.78E-16	37.57057258
EPG5	NM_020964	136.0615464	3.077868816	2.75E-13	44.20641508
PGS1	NR_111989	183.0066572	17.53747579	2.59E-12	10.43517662
SLC12A9	NM_001267814	84.59344649	13.00131945	2.31E-05	6.506527805
MAST3	NM_015016	142.098925	10.01371451	6.63E-11	14.19043102
CITED2	NM_001168388	80.62201792	12.66318004	0.000140303	6.366648634
BRMS1L	NM_032352	295.0791608	4.774449284	4.95E-30	61.80381091
MRPL10	NM_145255	241.7055823	22.01159485	4.87E-17	10.98083006
UGT8	NM_001128174	70.77368223	3.761805843	1.40E-06	18.813752
GTF2H2C_2	NM_001042490	174.0308251	3.341288266	1.07E-17	52.08494784
TUFT1	NM_001301317	264.3407072	6.577366732	5.79E-25	40.18944328
ZNF780A	NM_001142577	109.2945215	6.071572425	3.37E-09	18.00102409
AGFG2	NM_006076	127.2461858	9.356815465	7.61E-10	13.59930483
LINC00920	NR_046242	64.57583215	12.18729532	0.001644387	5.298618804
CPSF3	NM_016207	86.49892504	7.258929455	2.33E-06	11.91620962
SLC46A3	NM_181785	122.2417822	5.020628126	6.53E-11	24.3479061
GCC2	NR_028063	171.8044036	4.269516241	4.59E-16	40.23978219
HNRNPC	NM_001077442	224.6264215	16.16978786	7.51E-17	13.89173584
ZNF566	NM_001145343	95.47475719	2.526068436	2.13E-09	37.79579201
CNKSR3	NM_173515	185.9451108	5.297848407	6.72E-17	35.09823168
EIF3CL	NM_001099661	319.2286752	39.25242923	2.84E-19	8.13271131
EFCAB2	NM_001290327	138.1274965	5.236727482	5.16E-12	26.37668218

SEMA3B	NR_110697	48.85058935	3.513853998	0.000542444	13.90228205
REPS1	NM_001286612	159.0176143	2.300352679	2.82E-16	69.12749327
PABPC4	NM_001135654	237.4132108	18.25494588	1.36E-17	13.00541849
FXR1	NM_001013438	91.50332862	6.058008964	1.27E-07	15.10452183
INVS	NM_183245	169.0264215	4.324926187	5.50E-15	39.08192052
NPNT	NM_001033047	83.56047148	2.463841651	6.95E-08	33.91470853
GNL2	NM_013285	130.3451108	8.217558538	5.40E-11	15.86178062
CLSPN	NM_001190481	163.1495144	10.65346297	5.68E-13	15.31422363
LAMTOR5-AS1	NR_102697	130.3451108	15.59878617	1.05E-08	8.356106003
CPTP	NM_001029885	174.0308251	23.53774629	3.70E-10	7.393691093
PRKAB2	NM_005399	80.62201792	8.582524481	4.70E-06	9.393741678
PARP16	NM_017851	124.3077322	13.76053393	1.02E-08	9.033641633
LBR	NM_194442	91.50332862	11.35966778	2.85E-06	8.055106047
SLU7	NM_006425	82.52749646	4.251876704	1.78E-07	19.40966359
RBMX2	NM_016024	119.1428571	3.791573758	9.49E-12	31.42306197
GLS	NM_014905	285.0703536	5.130841865	1.99E-27	55.56015195
DFFB	NR_104222	44.87916077	6.482397451	0.002101709	6.923234978
CYB5D2	NM_144611	108.4220179	22.57132287	3.26E-05	4.803529617
C11orf45	NM_001256088	65.60880717	8.891812586	0.000183397	7.378563879
SWT1	NM_001105518	64.57583215	2.676746201	5.64E-06	24.12474972
PDHA1	NM_001173455	82.52749646	6.694529902	1.95E-06	12.32760144
ENTPD6	NM_001114089	133.2835644	8.675459633	2.07E-10	15.36328563
BCAS4	NM_198799	60.60440358	8.024524484	0.000534047	7.552398114
SLC35F5	NM_025181	191.8220179	4.714335233	1.67E-18	40.68909155
NFX1	NM_002504	133.2835644	7.515633107	7.60E-11	17.73417654
ULBP3	NM_024518	139.1604715	18.89159539	1.95E-08	7.366263601
SMTN	NM_006932	217.7165394	24.06648672	2.60E-14	9.046461244
ZNF816	NM_001202456	66.64178218	2.968423385	5.91E-06	22.45022813
GNPDA1	NM_005471	142.098925	14.06742466	3.42E-10	10.101275
ARHGEF12	NM_015313	40.9077322	4.177277729	0.001886046	9.792916548
RAB4B	NM_016154	84.59344649	10.61299211	7.21E-06	7.970744315
TUBGCP5	NM_052903	157.1121358	7.8387919	2.02E-13	20.04290174
PAXBP1	NM_013329	193.7274965	5.191924911	3.09E-18	37.31323156
TFAM	NR_073073	125.3407072	7.736130631	2.79E-10	16.2019895
EIF3H	NM_003756	150.2022537	6.042139599	2.14E-13	24.85911674
LOC101928069	NR_120586	215.6505893	30.80618852	2.89E-12	7.000235983
BZW2	NM_014038	246.3890429	3.305072119	1.17E-24	74.54876445
RRP9	NM_004704	145.1978501	7.663698178	1.48E-12	18.94618586
DDX49	NM_019070	108.4220179	12.48604736	3.60E-07	8.683454003
ATXN10	NM_001167621	159.8901179	5.725493403	4.08E-14	27.92599809
KHDC1	NM_001251874	295.9516643	7.928948513	4.43E-27	37.32546173
RHBDF2	NM_024599	226.6923715	14.95654871	2.10E-17	15.15673006
TMEM56	NM_152487	88.72534654	2.716455109	1.96E-08	32.66218029
MYH10	NM_005964	116.2044036	5.827159915	5.62E-10	19.94185937
MLEC	NM_014730	162.9890429	9.050853421	4.03E-14	18.00814081
AASDH	NM_001286671	188.0110608	4.381194157	3.89E-18	42.91319994
LCLAT1	NM_001002257	85.6264215	3.083139656	6.64E-08	27.7724758
POLR3K	NM_016310	104.2901179	1.335423248	6.21E-14	78.09517919
WASF2	NM_001201404	167.9934465	6.840001932	3.45E-14	24.56043846
HBP1	NM_001244262	51.7890429	4.962451455	0.000610355	10.43618127
RB1	NM_000321	164.0220179	2.247210908	6.53E-16	72.98915174
CES2	NM_198061	109.4549929	13.12684661	5.15E-07	8.338254891
STK40	NM_032017	77.52309288	13.75202677	0.000212406	5.637212186
FOXO4	NM_001170931	49.72309288	4.92157978	0.000455429	10.10307566
MGAT1	NM_002406	90.47035361	13.6205948	2.38E-05	6.642173486
BLZF1	NM_003666	55.76047148	3.63655871	0.000139177	15.3333071
VPS33A	NM_022916	109.4549929	5.289254787	1.16E-09	20.69384012
LYPLA1	NM_001279356	65.60880717	5.25653534	3.31E-05	12.4813785
RAB9A	NM_001195328	108.4220179	4.66614907	3.63E-10	23.23586673
SLC25A19	NM_021734	322.8791608	21.53561097	2.56E-24	14.99280244
LOC439933	NR_122079	46.78463932	2.680494849	0.000331108	17.45373222
DNAJC7	NM_003315	117.3978501	9.361708311	1.35E-08	12.54021661

ACTR2	NM_001005386	125.3407072	4.685471629	2.12E-11	26.75092651
ZNF250	NM_021061	170.0593965	11.75733005	2.77E-13	14.46411693
GLT8D1	NM_001278281	149.0088072	17.22960909	5.36E-10	8.648414852
MTFR1L	NM_001099625	232.4088072	18.11247424	2.29E-17	12.83142237
DTX2	NM_001102594	200.7978501	11.78268009	1.34E-15	17.0417807
DHRS1	NM_138452	85.46595002	5.836651395	2.51E-07	14.64297664
UBE2W	NR_073121	218.5890429	7.005700973	3.66E-19	31.20159478
PHF6	NM_032335	147.9758322	2.237073034	5.24E-16	66.14707248
ATP1B3	NM_001679	234.4747572	4.89442483	6.11E-23	47.90649879
ULK4P3	NR_026859	56.63297501	7.619102498	0.000761404	7.433024431
LMBR1L	NM_001300750	109.6154644	13.81927383	7.63E-07	7.932071233
MYO6	NM_001300899	242.4176143	3.134208609	5.91E-24	77.34571772
ZNF24	NM_006965	160.0505893	10.00884996	4.13E-13	15.99090705
L3HYPDH	NM_144581	196.8264215	9.053025361	1.29E-17	21.7415078
LRCH3	NM_032773	227.5648751	5.092377686	1.54E-21	44.68735217
TPCN1	NM_017901	140.1934465	10.73362339	1.64E-10	13.06114826
NUP54	NR_103781	219.6220179	5.679390976	1.01E-20	38.66999452
LACTB	NM_032857	55.76047148	7.620786542	0.000680874	7.316891921
MRPS23	NM_016070	155.2066572	10.867866	1.66E-12	14.28124503
TOP3B	NM_001282112	245.3560679	21.3174542	6.17E-17	11.5096327
BAK1	NM_001188	174.9033286	14.82190317	1.13E-12	11.80032865
SLC30A7	NM_133496	139.1604715	3.053671174	8.27E-14	45.57153129
POLG	NM_002693	255.3648751	18.75869253	5.08E-19	13.61314892
TRIM5	NM_033093	52.82201792	2.648418197	6.34E-05	19.94474211
DBNL	NM_001014436	162.1165394	9.13933035	6.90E-14	17.73833893
HIF1A	NM_181054	134.1560679	5.100733535	4.12E-12	26.30132842
ATG3	NM_001278712	140.1934465	3.440401967	9.48E-14	40.74914729
TMEM69	NM_016486	149.1692786	14.77116826	2.74E-10	10.09867845
NCKIPSD	NM_016453	211.6791608	9.925556487	3.98E-18	21.32667937
MAPK1	NM_138957	138.2879679	6.335222707	5.22E-12	21.8284304
SLC25A15	NM_014252	61.6373786	10.88149336	0.000836967	5.664422755
UBE4A	NM_004788	157.9846393	5.267570922	9.28E-15	29.99193398
LOC100505915	NR_125434	136.2220179	7.327940623	1.53E-11	18.5893998
TRIM32	NM_001099679	90.47035361	5.984451972	1.50E-07	15.11756699
PLEKHG3	NM_015549	57.8264215	8.227949735	0.000843215	7.028047492
C11orf24	NM_022338	196.8264215	15.92650955	2.06E-14	12.35841544
TBRG1	NM_032811	198.8923715	9.981549141	1.85E-17	19.92600234
C18orf54	NM_001288980	154.0132108	2.227972466	9.80E-17	69.12707096
SLC31A1	NM_001859	183.8791608	4.526923945	1.16E-17	40.61900819
ARHGFEF39	NM_032818	160.0505893	24.93187983	1.10E-08	6.419515513
TFCP2L1	NM_014553	193.7274965	9.177068934	9.34E-16	21.10995328
DYRK2	NM_003583	166.9604715	5.103972502	1.59E-16	32.71186736
RTKN	NM_033046	98.57368223	15.72537076	5.40E-06	6.26844885
SF3B1	NM_001005526	106.5165394	7.574564698	8.54E-09	14.06239746
FOXO1	NM_002015	99.44618576	4.078888308	1.90E-08	24.38070823
FRAS1	NM_025074	90.47035361	3.543500167	2.24E-08	25.531353
LOC101593348	NR_103497	131.2176143	12.24769701	2.33E-09	10.71365614
BTG3	NM_006806	206.6747572	4.61597464	6.51E-21	44.7738069
UBE2G2	NM_003343	90.47035361	5.547196843	7.11E-08	16.30920196
BBS1	NM_024649	192.8549929	13.12715321	1.78E-14	14.69130358
TMEM72-AS1	NR_033842	205.6417822	5.500978288	1.19E-18	37.38276565
UTP14A	NM_001166221	48.69011787	7.306536481	0.003968179	6.663912238
ALPK1	NM_025144	41.78023574	3.513403133	0.000998433	11.89167145
TAF6	NM_005641	211.8396323	12.34297914	1.31E-17	17.16276353
KIF26B	NM_018012	51.7890429	3.244668573	0.000166973	15.96127362
EIF4EBP1	NM_004095	176.8088072	8.728542915	9.05E-15	20.25639432
MRPL22	NM_001014990	147.1033286	3.407328268	1.74E-14	43.17263177
APBB3	NM_006051	194.0484394	26.46650023	9.61E-12	7.331851123
GSDMD	NM_001166237	124.1472607	26.70846298	1.36E-05	4.648236808
WDR1	NM_017491	68.54726073	13.92153116	0.000993354	4.92383057
OSER1-AS1	NR_038337	200.7978501	10.45071833	4.16E-17	19.21378453
C19orf12	NM_001256047	165.9274965	11.95185867	4.57E-13	13.88298682

JKAMP	NM_001284203	113.4264215	3.023080908	2.43E-11	37.52014086
SLC35E4	NM_001001479	118.2703536	5.827216268	1.22E-10	20.29620116
ZMYM1	NM_001289089	144.3253465	7.536131069	2.36E-12	19.15111948
ACBD6	NM_032360	181.9736822	3.116133237	1.18E-17	58.39727265
RBPJ	NM_005349	66.64178218	5.111455488	3.91E-05	13.0377311
RFT1	NM_052859	131.2176143	9.384765226	6.05E-10	13.98198156
KIF3A	NM_001300792	195.7934465	2.534692123	1.55E-21	77.24545507
LOC101928053	NR_120540	175.7758322	7.086022432	2.47E-16	24.80599431
IL4R	NM_001257997	67.67475719	7.954846325	8.86E-05	8.507361981
CENPC	NM_001812	210.6461858	3.828613243	3.19E-20	55.01892524
SIKE1	NR_049741	172.9978501	4.136923589	8.76E-19	41.81799503
GFPT2	NM_005110	103.4176143	9.0465632	6.50E-08	11.43170197
AIMP2	NM_006303	169.0264215	19.39145685	5.44E-11	8.716540628
ZNF557	NM_001044387	225.498925	19.85240852	3.62E-16	11.35876913
MRPL50	NM_019051	150.9142857	2.582050069	1.27E-17	58.44746681
FUNDC1	NM_173794	57.66595002	3.601932278	0.000104268	16.00972633
CYB5R2	NM_016229	90.47035361	10.01204107	3.07E-06	9.036154863
PHKA1	NM_002637	52.66154644	1.362411229	0.000123058	38.65319466
NUP43	NR_104456	140.1934465	7.930189512	3.91E-12	17.67844845
CCDC112	NM_001040440	113.26595	2.571099942	3.89E-12	44.05349951
PRC1	NM_001267580	48.85058935	8.916159984	0.00428639	5.478882101
ARL8B	NM_018184	128.2791608	6.350615527	2.38E-11	20.19948464
RRN3	NM_018427	189.7560679	5.720422273	3.02E-17	33.17168888
ZNF641	NM_001172681	142.098925	12.65209637	1.98E-10	11.23125535
MATR3	NM_018834	185.7846393	8.243578841	2.34E-16	22.53689119
NFKBIB	NR_040515	67.83522867	8.658582687	0.000132862	7.834449484
POLI	NM_007195	186.1055823	3.950119609	5.81E-19	47.11391064
NAA30	NM_001011713	141.06595	3.063629971	2.06E-14	46.04536166
PBDC1	NM_016500	88.40440358	7.922844643	1.47E-06	11.15816447
ZDHHC16	NM_198044	161.0835644	22.92492692	3.63E-09	7.026568282
ATRIP	NM_001271022	93.56927864	18.39546364	6.27E-05	5.086540925
LSM6	NM_007080	160.0505893	6.377680552	2.08E-14	25.09542271
INIP	NM_021218	178.8747572	7.725124459	4.92E-16	23.15493532
CDC14A	NM_033312	250.3604715	3.52865315	7.21E-25	70.95071712
ZNF552	NM_024762	204.6088072	18.41417279	6.16E-15	11.11148513
PRKCQ	NM_001282644	63.54285714	2.008160015	1.04E-05	31.64232764
KIAA0430	NM_001184999	84.43297501	9.298878819	2.55E-06	9.079909165
ZNF324B	NM_207395	137.2549929	13.93442376	9.08E-10	9.850065946
FAM168A	NM_015159	88.56487506	5.206849482	3.11E-07	17.00930195
DHX40	NM_001166301	75.61761433	7.830161635	2.57E-05	9.657222655
ZDHHC8P1	NR_003950	117.2373786	8.573925899	2.01E-09	13.67371027
GTF2B	NM_001514	144.1648751	6.07317313	3.58E-12	23.7379821
FXR2	NM_004860	73.55166431	14.04146563	0.000309982	5.238175718
SLC16A13	NM_201566	205.6417822	19.71973009	1.80E-14	10.42822499
TTLL13	NR_104604	117.3978501	14.84778297	7.80E-08	7.906759566
LPCAT4	NM_153613	53.69452145	9.241756389	0.002719187	5.809991001
COMMD5	NM_014066	225.6593965	49.72442435	3.54E-09	4.53820028
MIDN	NM_177401	402.1472607	51.65443749	2.35E-23	7.78533811
MSRB1	NM_016332	154.1736822	18.29383199	9.36E-10	8.42763191
SNRPE	NM_003094	104.4505893	10.13181783	1.37E-07	10.30916575
MDH2	NM_001282404	151.0747572	15.3347085	1.33E-10	9.851817998
CDC40	NM_015891	129.3121358	3.776273218	9.76E-12	34.24332095
C15orf57	NM_001080792	203.7363036	8.845796232	3.11E-18	23.0319915
LYSMD2	NM_153374	78.55606789	6.227056848	5.72E-06	12.61528035
PITPNA-AS1	NR_028514	206.6747572	25.96355337	2.99E-10	7.960187662
TMCO3	NM_017905	148.1363036	7.658851455	2.42E-12	19.34184316
ATG4C	NM_032852	122.4022537	2.106875081	2.86E-12	58.09658805
ZNF81	NM_007137	64.57583215	3.572503929	5.35E-06	18.07579038
SREBF2	NM_004599	101.3516643	11.81382298	7.21E-07	8.579074234
STX18	NM_016930	157.1121358	4.764814438	5.08E-14	32.97340071
TMX2	NM_015959	85.6264215	7.861512876	1.78E-06	10.89185032
LIAS	NM_001278591	162.1165394	16.84223834	7.20E-11	9.625593466

CUL9	NM_015089	106.3560679	11.03053003	1.75E-07	9.64197256
CDKN2A	NM_058195	60.60440358	4.625977202	8.01E-05	13.10088678
TWSG1	NM_020648	156.9516643	4.656638178	2.19E-14	33.70493011
IFT22	NM_001287525	77.52309288	12.66452081	9.39E-05	6.121281182
RHNO1	NM_001257098	187.8505893	13.12275658	5.21E-15	14.31487266
ZNF548	NM_152909	89.59785007	8.327334935	2.04E-06	10.75948677
LOC257396	NR_034107	190.7890429	12.47903721	7.09E-16	15.28876304
DIDO1	NM_001193370	92.53630363	12.57247934	1.31E-05	7.360227136
PTPN18	NM_014369	99.60665724	20.22489377	6.32E-05	4.924953296
CWC25	NM_017748	61.79785007	6.387094015	0.000209869	9.67542515
ANAPC4	NM_013367	296.1121358	6.105846012	1.09E-28	48.49649585
VAMP1	NM_199245	175.9363036	18.98755538	8.71E-12	9.265874419
NT5DC1	NM_152729	281.2593965	3.525211929	7.53E-28	79.7851029
SLMO2	NM_016045	152.1077322	7.483197315	7.33E-14	20.32656975
CFL1P1	NR_028492	138.2879679	4.730629554	4.36E-13	29.23246607
FBXO3	NM_033406	62.67035361	3.376245311	5.37E-06	18.56214458
TMEM254-AS1	NR_027432	123.4352287	7.201734543	3.96E-10	17.13965267
ERMAP	NM_001017922	59.57142857	6.460942944	9.68E-05	9.220237523
COX7A2L	NM_004718	83.56047148	9.628092336	7.28E-06	8.67881908
MON2	NM_001278472	177.8417822	1.799826532	6.21E-18	98.81051256
ATRX	NM_000489	142.9714286	2.099828353	1.15E-13	68.08719787
RPAP2	NM_024813	278.1604715	3.721204445	5.09E-27	74.75011804
LETMD1	NR_045018	203.5758322	14.28144656	1.15E-15	14.25456667
KDM6A	NM_001291416	49.72309288	2.234035211	0.000288189	22.25707663
EDF1	NM_003792	107.3890429	21.08209592	2.09E-05	5.093850408
MAN1B1	NR_045720	167.9934465	10.80556097	3.60E-13	15.54694356
SIN3A	NM_015477	69.58023574	7.614014101	9.67E-05	9.138443246
TSEN15	NR_125335	255.3648751	4.319863794	9.51E-27	59.11410341
CALCOCO2	NM_001261395	206.8352287	8.371973933	1.31E-17	24.70567041
BPGM	NM_199186	217.5560679	5.274274505	1.33E-20	41.24852958
PITPNB	NM_001284277	72.5186893	4.418845734	9.50E-06	16.41122901
CCT2	NM_001198842	177.8417822	8.060749564	9.14E-16	22.06268546
C7orf49	NM_001243751	211.8396323	39.19465897	3.28E-10	5.40480866
TRAF4	NM_004295	156.9516643	33.38475112	3.58E-07	4.70129802
UPF3A	NM_023011	130.3451108	12.73901398	2.38E-09	10.2319623
PTPN6	NM_080548	212.5516643	15.18711196	3.90E-16	13.9955289
EPHX2	NM_001256482	199.9253465	11.00930328	2.41E-16	18.15967292
SNX22	NR_073534	196.66595	27.837347	1.46E-11	7.064823742
PEX19	NR_036493	74.7451108	10.68002352	0.000145151	6.998590465
CENPM	NM_024053	129.3121358	21.46847792	3.98E-07	6.023349036
NMT2	NM_004808	257.2703536	9.68866416	6.74E-22	26.55374873
SCAMP4	NM_079834	120.3363036	12.20485575	2.27E-08	9.859707162
RPS16	NM_001020	185.9451108	35.41922205	1.37E-08	5.249836107
SLC4A2	NM_001199693	64.73630363	14.10507498	0.001292184	4.589575292
MUL1	NM_024544	149.1692786	14.79338126	1.91E-10	10.08351478
DPH3	NM_206831	112.232975	8.609603147	1.52E-08	13.03578958
ZNF354A	NM_005649	121.2088072	7.238279599	3.23E-10	16.7455271
SNX6	NM_152233	179.9077322	6.738779997	1.90E-15	26.69737434
HAX1	NM_001018837	97.54070721	12.10497479	1.97E-06	8.05790255
SYS1	NM_001099791	121.3692786	10.27181033	9.70E-09	11.81576322
ZKSCAN4	NM_019110	86.65939651	13.95572835	4.79E-05	6.209593246
POLD2	NM_001127218	150.2022537	13.7756252	8.24E-11	10.90347999
LOC100133315	NR_029192	113.26595	5.514751324	6.05E-10	20.53872303
RNF113A	NM_006978	85.46595002	15.15758413	0.000600828	5.638494187
RETSAT	NM_017750	130.1846393	21.08374956	1.18E-07	6.174643603
BICD1	NM_001714	37.80880717	3.96608203	0.003560427	9.533037109
LOC399815	NR_027282	62.83082508	3.71270751	2.65E-05	16.92318205
LOC100996447	NR_104147	44.87916077	2.841781047	0.000315107	15.79261739
COPS7A	NM_001164093	81.65499293	11.86224652	2.27E-05	6.883602761
MYNN	NR_033702	189.7560679	5.234568873	7.30E-19	36.25056284
NUDT4P1	NR_002212	139.320943	9.113171653	4.08E-11	15.28786555
PLEKHA5	NM_001143821	55.6	2.672801457	8.31E-05	20.80214371

M1AP	NM_138804	161.0835644	6.597767953	2.43E-13	24.4148575
TPP2	NM_003291	171.8044036	3.70536967	6.78E-16	46.36633289
ATP5J2	NM_004889	193.7274965	20.04386795	6.18E-13	9.66517525
SLC25A51	NR_024872	132.2505893	10.26239444	4.05E-10	12.88691349
XPNPEP1	NM_001167604	78.71653937	11.69016945	3.80E-05	6.733567011
MMAA	NM_172250	149.0088072	4.902422557	7.06E-14	30.39493341
ACTN1-AS1	NR_073422	73.55166431	9.697010645	3.57E-05	7.584983352
QSOX1	NM_001004128	234.4747572	9.318253331	4.33E-20	25.16295156
C2CD2L	NM_001290474	145.0373786	11.74221441	6.01E-11	12.35179103
RDH14	NM_020905	111.3604715	11.21437768	6.09E-08	9.930151689
TNFRSF10D	NM_003840	274.1890429	11.38544857	1.21E-23	24.08241021
ZRSR2	NM_005089	106.3560679	3.072584926	8.44E-11	34.61452505
PPM1H	NM_020700	80.46154644	5.486286974	2.11E-06	14.66593833
TDRKH	NM_001083965	97.54070721	6.487464163	5.86E-08	15.0352595
OSBPL8	NM_020841	211.5186893	3.22316403	1.61E-20	65.62455008
GTF2I	NM_001518	98.57368223	5.545320788	2.12E-08	17.7760108
PDIA5	NR_028444	159.0176143	8.562966354	3.20E-13	18.57038878
MAPK6	NM_002748	63.70332862	5.238095118	5.84E-05	12.16154483
ZNF544	NM_014480	192.1429609	11.99219576	6.15E-15	16.02233359
CCDC173	NM_001085447	57.8264215	3.964513862	0.000187269	14.58600563
S1PR2	NM_004230	118.2703536	7.182857798	7.69E-10	16.46564041
TMEM60	NM_032936	93.56927864	13.08673675	1.04E-05	7.149932058
DLD	NM_001289752	74.7451108	5.979114786	3.83E-06	12.50103292
SNX11	NM_152244	204.9297501	10.9189407	1.30E-17	18.76828126
RNF139-AS1	NR_108047	212.7121358	18.50694932	1.99E-15	11.49363583
GTF2A1	NM_001278940	289.0417822	5.253665411	6.97E-28	55.01716603
CDC23	NM_004661	99.44618576	8.725156521	7.23E-08	11.39763917
USP46	NM_022832	79.42857143	4.564248906	1.43E-06	17.40233126
PTGES3	NM_006601	103.5780858	10.27223225	2.16E-07	10.0833084
PDCL	NM_005388	88.56487506	13.40949024	3.62E-05	6.604641448
LACE1	NM_145315	124.3077322	3.278909486	7.33E-12	37.91130336
ITGA6	NM_001079818	113.586893	6.113189303	7.77E-10	18.58062745
LOC100288842	NR_027442	217.5560679	11.74398161	1.66E-18	18.52489854
ARL2BP	NM_012106	156.0791608	13.63239221	1.77E-11	11.44913954
LOC101927045	NR_110032	67.67475719	3.434301854	2.29E-06	19.70553553
UBAP2L	NM_001287816	71.48571429	8.775994744	5.04E-05	8.145596752
TBC1D23	NM_001199198	54.88796794	2.743177822	6.24E-05	20.00889899
DUSP19	NM_080876	68.54726073	6.109758968	1.15E-05	11.21930686
PDIA4	NM_004911	131.3780858	10.04055231	3.70E-10	13.08474691
IPO4	NM_024658	193.7274965	21.81078095	1.09E-12	8.882189818
EPM2A	NM_001018041	115.3319	3.127263254	6.12E-11	36.87949836
JMY	NM_152405	43.84618576	3.720608727	0.000958612	11.78468068
APPL2	NM_018171	114.298925	11.43405213	3.51E-08	9.996362075
IFRD1	NR_120333	281.2593965	5.230650495	1.38E-28	53.77139933
ING4	NM_001127582	49.01106082	7.878340029	0.003317491	6.220988259
TRAPPC6B	NM_001079537	190.7890429	7.833609187	8.53E-17	24.35519035
ANKRD20A5P	NR_040113	39.87475719	1.473125889	0.001222297	27.068126
GTF3A	NM_002097	107.3890429	16.54319666	2.50E-06	6.491432407
USP3	NM_001256702	80.46154644	4.365664694	1.58E-06	18.43053741
MPP1	NM_001166462	85.46595002	4.693011365	1.86E-07	18.2113239
RABGGTA	NM_182836	113.4264215	19.65693842	3.92E-06	5.770299478
PTPN4	NM_002830	84.59344649	2.658807473	6.62E-08	31.8163114
POLDIP3	NR_103820	154.0132108	15.18257883	1.30E-10	10.1440745
YES1	NM_005433	148.1363036	3.22708183	1.22E-14	45.90410515
YIPF5	NM_001024947	131.2176143	4.721671898	1.27E-12	27.79049819
MAGI1	NM_004742	57.8264215	4.91311135	0.000264396	11.769817
DARS2	NM_018122	146.0703536	6.849540131	1.74E-12	21.32557089
RNF44	NM_014901	65.76927864	13.43614173	0.001130503	4.894952729
NFXL1	NM_001278624	207.7077322	3.400652897	3.19E-20	61.07878061
TIMM9	NM_012460	89.59785007	5.697067504	4.48E-07	15.72701219
A2M-AS1	NR_026971	114.298925	11.05451177	3.24E-08	10.33957242
DIAPH2	NM_007309	59.57142857	1.306899064	2.31E-06	45.58227197

HSD17B11	NM_016245	96.5077322	4.529673347	2.43E-08	21.30567147
SPAST	NM_014946	142.098925	3.426931455	5.71E-14	41.46535374
MAGI3	NM_152900	37.80880717	2.272564424	0.003497408	16.63706726
CCNC	NM_001013399	193.8879679	5.675522622	2.40E-18	34.16213464
KIF4A	NM_012310	65.60880717	3.353434781	5.94E-06	19.56465876
NIPSNAP1	NM_003634	137.2549929	12.75818715	7.61E-10	10.75818933
RALY	NM_016732	80.78248939	11.42073107	4.04E-05	7.07332034
LGMN	NM_001008530	194.7604715	7.748129499	3.87E-17	25.13645022
DCAF16	NM_017741	273.3165394	7.485336038	2.13E-27	36.51359645
RPL14	NM_003973	186.8176143	24.12571081	2.04E-11	7.743507156
PPAPDC1B	NM_032483	184.7516643	15.55781973	9.62E-14	11.87516423
LACC1	NM_001128303	75.61761433	5.951374877	1.03E-05	12.70590677
CAPN10	NM_023085	67.67475719	6.038557069	3.34E-05	11.20710733
CBWD2	NM_172003	38.84178218	1.257869884	0.001245133	30.87901434
MUT	NM_000255	85.46595002	1.952438697	7.55E-09	43.77394803
POLH	NM_006502	286.1033286	8.652159575	1.87E-25	33.06727368
UQCRB	NR_045639	194.2089109	18.64433131	1.69E-13	10.41651254
TBC1D4	NM_001286658	148.1363036	3.161324284	3.16E-14	46.85893958
SPTBN1	NM_003128	87.37142857	6.911508312	3.29E-07	12.64144158
MATN2	NM_002380	108.4220179	9.114782614	2.77E-08	11.89518418
LMTK2	NM_014916	167.120943	6.574044678	8.30E-15	25.42132753
ENTPD4	NM_004901	132.0901179	6.909617477	3.91E-11	19.11684957
RNF145	NM_001199380	58.69892504	3.848015401	1.73E-05	15.25433734
POLE2	NM_001197331	103.4176143	6.292887288	4.01E-08	16.43404841
CARF	NM_024744	94.44178218	2.808107674	4.68E-09	33.63182368
HRH1	NM_001098213	78.55606789	7.526480337	1.81E-05	10.43729132
CFAP36	NM_080667	99.44618576	7.360698226	6.00E-08	13.51042832
MRPS16	NM_016065	177.8417822	23.54932645	1.44E-10	7.551884022
PDE12	NM_177966	150.2022537	11.58839465	9.22E-12	12.96143756
FBXO22	NM_147188	263.3077322	6.56277417	2.11E-25	40.1214068
NDUFB5	NM_001199958	139.320943	5.231258221	9.31E-13	26.63239646
CAMKMT	NM_024766	231.5363036	2.94354963	3.63E-22	78.65887541
LOC101928436	NM_001286997	36.77583215	1.983809451	0.00316596	18.53798617
SCML2	NM_006089	81.49452145	2.37734429	9.12E-08	34.27964632
ESPN	NM_031475	261.2417822	26.5357522	3.95E-17	9.844898319
SMS	NM_001258423	60.60440358	4.067998945	0.000104942	14.89784152
PUS7L	NM_001098615	98.41321075	2.677886396	5.26E-10	36.75033075
PHLDA3	NM_012396	208.5802357	20.03055713	2.01E-14	10.41310206
MORC4	NM_001085354	61.6373786	3.030037853	8.37E-06	20.34211505
STIM2	NM_001169118	165.9274965	3.284435789	5.02E-16	50.51933029
SLC39A3	NM_144564	97.54070721	8.81229629	5.05E-07	11.06870491
VASP	NM_003370	175.9363036	14.65265861	4.08E-13	12.00712501
PHF14	NR_033436	88.56487506	2.258437957	3.05E-08	39.21510209
POMGNT1	NM_017739	136.2220179	16.00715455	4.18E-09	8.510070762
CMTM7	NM_181472	169.898925	8.068050633	2.90E-14	21.05823733
ICT1	NM_001545	274.3495144	20.30185378	2.10E-20	13.51352036
RAB23	NM_001278667	203.7363036	8.462598161	2.91E-17	24.07491172
MRPL17	NM_022061	193.7274965	18.2316003	1.35E-13	10.62591837
TMC6	NM_001127198	225.6593965	15.46029382	1.90E-17	14.59606131
SLC25A36	NM_018155	217.5560679	2.739098104	5.75E-23	79.42616861
PHLDA2	NM_003311	274.1890429	28.23001781	1.26E-14	9.712676937
RBP1	NM_001130993	106.5165394	13.50919933	1.39E-06	7.884741111
UBXN11	NM_001077262	58.69892504	12.7459181	0.004091656	4.605311645
TMEM17	NM_198276	89.59785007	8.320859995	5.72E-07	10.76785935
UAP1	NM_003115	153.1407072	7.410929137	3.28E-13	20.66417104
LOC101928794	NR_111908	87.53190005	3.53208523	1.13E-08	24.78193315
BTBD10	NM_032320	194.920943	3.726607694	2.12E-18	52.30519522
STX3	NM_001178040	49.01106082	9.091201805	0.004623184	5.391043106
SERPINE1	NM_000602	171.8044036	13.22384224	3.33E-13	12.99201854
PHF21A	NM_001101802	76.65058935	3.258072079	4.76E-07	23.5263639
OSR2	NM_001142462	325.9780858	17.49882252	4.99E-27	18.6285726
TFDP2	NM_001178138	166.8	2.811092072	5.43E-16	59.33637026

ZC3H6	NM_198581	155.2066572	3.483576124	2.25E-14	44.55382966
RGPD5	NM_005054	347.7407072	17.09271301	2.32E-27	20.34438342
PRKD2	NM_001079880	68.54726073	11.44311583	0.000326921	5.990261896
ASAP3	NM_001143778	73.55166431	8.708159288	2.86E-05	8.446292939
ANGPTL4	NR_104213	304.9274965	18.37017408	2.82E-24	16.59905318
MPC1	NM_016098	126.3736822	3.587045857	1.06E-12	35.23057336
HDAC2	NR_033441	204.6088072	2.394805983	3.50E-22	85.43857359
TOM1	NM_001135729	79.5890429	11.16920662	3.61E-05	7.125756164
FAM115A	NM_001206938	249.3274965	6.167577415	6.28E-23	40.42551551
HERC3	NM_001271602	46.78463932	3.290294402	0.000519763	14.21898274
EIF2AK1	NM_014413	102.3846393	10.69355983	2.92E-07	9.57442058
ERAP1	NM_016442	105.3230929	5.755908985	3.58E-09	18.29825544
SLAIN2	NM_020846	100.3186893	2.419712705	1.13E-09	41.45892571
HMGNS5	NM_030763	52.66154644	1.232795555	1.00E-05	42.7171774
DAP3	NM_004632	221.5274965	7.619225462	5.74E-20	29.07480525
YOD1	NM_001276320	78.55606789	16.33662656	0.000922431	4.80858564
CYP24A1	NM_001128915	58.85939651	7.175692159	0.000367871	8.20260892
SLC38A7	NM_018231	44.7186893	6.1106476	0.001818176	7.318158766
C16orf95	NM_001195125	300.0835644	9.797517541	6.97E-28	30.62853045
CCDC113	NM_001142302	167.9934465	9.351815437	1.02E-13	17.96372561
BZW1	NM_001207069	108.2615464	7.800338603	1.30E-08	13.87908294
TCEA2	NM_003195	137.2549929	23.3105955	2.94E-07	5.888094662
SGSM3	NM_015705	232.5692786	10.57833522	9.31E-20	21.98543286
LUZP6	NM_001128619	103.4176143	3.229097228	4.20E-10	32.02678861
GSE1	NM_001134473	76.65058935	17.1307223	0.000633055	4.474451689
CEP55	NM_001127182	167.9934465	5.983649624	4.36E-15	28.07541501
EIF4G3	NM_001198801	131.2176143	4.130085514	2.67E-12	31.77116161
LIMA1	NM_016357	162.9890429	5.049767805	1.26E-14	32.27654205
GRHPR	NM_012203	225.498925	21.68459597	1.07E-15	10.39903743
PAWR	NM_002583	200.6373786	3.433646321	5.82E-20	58.43274462
CCDC12	NR_102269	144.1648751	11.91911965	7.66E-11	12.09526201
UNC119B	NM_001080533	166.9604715	10.29259082	1.38E-13	16.2214232
ZNF84	NM_001289971	72.67916077	17.56985422	0.001503659	4.136583029
RPS6KC1	NM_001287221	145.1978501	2.118154501	4.69E-14	68.54922528
C11orf57	NM_001301021	204.7692786	15.39567148	2.57E-15	13.30044479
NAP1L5	NM_153757	82.52749646	12.2821832	0.00014279	6.719285581
NAA35	NM_024635	106.3560679	3.634998478	4.09E-10	29.25890301
SLC3A2	NM_001012664	135.1890429	19.8537261	4.01E-08	6.809252944
THG1L	NM_017872	102.3846393	7.278224829	2.14E-08	14.06725427
RPRD2	NM_001297673	121.2088072	5.165009999	2.39E-10	23.46729381
MAVS	NM_001206491	193.8879679	24.3033271	3.97E-12	7.977836415
PUS1	NM_001002020	105.3230929	11.89930512	3.35E-07	8.851196926
DDX42	NM_203499	213.7451108	13.61265641	7.41E-17	15.70193975
PAK1	NM_002576	41.78023574	5.412366482	0.004447712	7.719402572
COMT	NM_000754	114.298925	13.54094577	1.12E-07	8.440985361
STK4	NM_006282	171.8044036	4.788035573	1.78E-15	35.88202322
PIF1	NM_001286499	118.2703536	6.488184494	5.85E-10	18.22857438
XRRA1	NM_001270380	185.9451108	7.518946998	1.07E-15	24.73020635
FKTN	NM_001198963	130.1846393	1.289848668	9.62E-14	100.9301654
SOS1	NM_005633	64.57583215	3.706588794	6.16E-06	17.42190347
TUBA4B	NR_003063	143.1319	14.24110022	7.50E-10	10.05062094
LAMTOR3	NR_024170	63.54285714	4.186399562	2.53E-05	15.1784024
SMIM15	NM_001048249	165.0549929	0.692440427	5.53E-24	238.367066
KREMEN2	NM_024507	148.1363036	27.83755241	1.81E-07	5.32145576
DSCAS	NR_110785	38.84178218	3.382270788	0.001673647	11.48393627
TEP1	NM_007110	228.4373786	7.890692052	1.48E-20	28.95023366
CRYL1	NM_015974	122.2417822	6.200028356	1.45E-10	19.71632631
GABPA	NM_002040	57.8264215	3.717357238	2.86E-05	15.55578811
ARMC2	NM_001286609	124.3077322	6.103302094	7.75E-11	20.36729139
TOR1AIP1	NM_001267578	104.4505893	7.22922526	2.38E-08	14.4483794
GLE1	NM_001003722	144.3253465	6.676625598	2.02E-12	21.61651038
PRICKLE1	NM_153026	52.66154644	4.064870241	0.000153166	12.95528352

TRIM45	NM_025188	101.5121358	11.52507732	3.98E-07	8.807935336
TOB2P1	NR_002936	64.57583215	10.5441804	0.000979387	6.124310256
MED1	NM_004774	142.2593965	16.67541404	2.05E-09	8.531086317
MRPL45	NM_032351	61.79785007	11.02272218	0.00086753	5.606405482
TXNRD3	NM_001173513	188.8835644	4.728564712	4.61E-18	39.94522141
IRAK2	NM_001570	129.3121358	6.12311877	3.01E-11	21.11867182
MPC2	NR_026550	99.44618576	5.847193484	3.04E-08	17.00750728
NOM1	NM_138400	129.3121358	13.49280786	4.51E-09	9.583782493
ZNF48	NM_001214907	118.2703536	24.3265759	8.95E-06	4.861775619
MAP2K1	NM_002755	191.6615464	8.581261857	3.30E-16	22.33489079
RFC4	NM_002916	150.0417822	13.79590328	8.52E-11	10.87582155
RCE1	NM_005133	152.9802357	28.12687194	1.68E-07	5.438935266
SPRTN	NM_001261462	67.12319661	14.60267227	0.001394638	4.596637887
B3GAT3	NR_109991	153.1407072	22.37203684	4.15E-09	6.845183937
ACVR2B	NM_001106	56.63297501	10.93183962	0.002707336	5.180553044
CAPRIN1	NM_203364	226.3714286	6.534447147	1.58E-20	34.64278209
SIRT3	NM_012239	159.0176143	12.41470627	3.21E-12	12.80881004
ICOSLG	NM_001283052	109.4549929	9.785899741	2.86E-08	11.18496979
ITSN2	NM_006277	126.2132108	4.898718928	7.77E-11	25.76453407
PXT1	NM_152990	135.1890429	5.13291761	4.10E-12	26.33766079
UNC13B	NM_006377	179.0352287	4.371636936	4.97E-16	40.95381919
CEMIP	NM_001293304	54.72749646	7.046515125	0.000455816	7.766604555
CLTCL1	NM_001835	90.47035361	7.673527487	9.18E-07	11.78993022
RPL19	NM_000981	260.3692786	31.61887161	5.94E-16	8.234616397
PAIP1	NM_006451	154.1736822	3.500334683	2.56E-15	44.04541171
LINC01124	NR_027433	50.75606789	5.933390386	0.002148603	8.554311211
LITAF	NR_024320	82.68796794	7.295813709	3.89E-06	11.33361832
SNHG20	NR_027058	116.5253465	16.46258033	5.49E-07	7.078194559
PPP1R12B	NM_001167858	103.4176143	3.638650253	8.81E-10	28.42197165
ERLEC1	NM_001127398	137.0945215	4.401746747	5.45E-13	31.1454814
CNST	NM_152609	118.2703536	3.189864334	2.92E-11	37.07692279
SLC25A46	NM_138773	243.2901179	4.761339233	8.59E-25	51.09699309
LRTOMT	NM_001145307	187.8505893	16.02265864	1.29E-13	11.72405863
MLF1	NM_001195433	140.1934465	1.062384876	8.01E-17	131.9610714
ZBED3	NM_032367	125.3407072	7.200913336	9.46E-11	17.40622354
GSKIP	NM_016472	121.3692786	5.783965652	3.18E-10	20.98374817
ANAPC7	NM_001137664	134.3165394	11.47929389	1.35E-09	11.70076667
IL4I1	NM_001258017	230.5033286	10.43064133	9.08E-20	22.09867267
DAGLB	NM_139179	146.2380251	10.67055017	2.74E-11	13.70415046
SEN3	NM_015670	87.53190005	19.52608072	0.000339397	4.482819737
TPX2	NM_012112	105.4835644	6.168548864	4.71E-09	17.10022352
RABL2B	NM_001130923	162.9890429	13.45772127	5.76E-12	12.11119176
WDR6	NM_018031	143.1319	31.80944451	2.48E-06	4.499666757
DMTF1	NM_001142326	203.7363036	6.153112914	2.55E-18	33.11109457
VMP1	NM_030938	179.0352287	7.729985066	4.65E-15	23.16113513
NADK2	NM_001287340	51.7890429	2.044538533	9.39E-05	25.33043132
CCT7	NM_006429	170.9319	16.02825705	7.82E-12	10.66440971
VWA9	NM_001136043	166.9604715	7.219289631	1.41E-14	23.12699448
MCEE	NM_032601	190.7890429	3.509418174	8.40E-21	54.36486433
RAB3D	NM_004283	96.5077322	8.464416186	4.46E-07	11.40158164
TSPAN14	NM_001128309	96.34726073	9.194315933	2.50E-07	10.47900262
BLOC1S3	NM_212550	133.1230929	15.22913754	9.18E-09	8.741341557
ZNF559-ZNF177	NM_001172650	90.63082508	4.318342401	9.31E-08	20.9874106
PIGM	NM_145167	121.3692786	14.37474792	8.02E-08	8.443228314
CD82	NM_001024844	192.6945215	9.217853515	1.25E-15	20.90448944
DDB2	NM_001300734	202.7033286	13.52157163	1.64E-15	14.99110711
ETFDH	NM_004453	43.84618576	4.734951742	0.003766867	9.260112488
RNF138	NM_016271	157.9846393	6.014104586	1.17E-13	26.26902094
MEGF6	NM_001409	105.3230929	6.495262837	6.74E-09	16.21537042
ADSS	NM_001126	102.3846393	4.701576974	5.23E-09	21.77665917
PAQR5	NM_017705	65.76927864	7.566894276	0.000177756	8.6917137
GRHL1	NM_198182	92.53630363	4.952307805	9.25E-08	18.68549114

IER5L	NM_203434	261.4022537	33.52592109	9.20E-15	7.797019297
FRA10AC1	NM_145246	216.5230929	2.386006463	1.06E-23	90.7470689
SUGCT	NM_024728	92.37583215	1.853281852	2.16E-08	49.84445947
PARL	NM_001037639	174.9033286	5.639182365	3.55E-16	31.01572485
HPSE	NM_001098540	92.53630363	5.608420778	8.87E-08	16.49952942
RBM8A	NM_005105	179.9077322	18.29790797	3.92E-12	9.832147615
CYB561D1	NM_182580	164.0220179	16.13535926	1.22E-11	10.16537749
HPCAL4	NM_001282397	185.0726073	10.0005952	6.78E-16	18.50615923
TAGLN3	NM_001008273	53.85499293	10.54029317	0.003714606	5.109439753
TPK1	NM_001042482	118.2703536	2.013423505	5.33E-11	58.74092226
CNOT4	NM_001190849	180.9407072	3.354484113	1.53E-17	53.93995056
MORF4L2-AS1	NR_038978	75.61761433	6.872659169	1.11E-05	11.00267196
KLF6	NM_001160124	86.49892504	10.56781655	1.36E-05	8.185127423
ASB7	NM_198243	112.3934465	4.661820116	7.75E-10	24.10934864
QRSL1	NM_018292	76.65058935	2.762582043	1.65E-07	27.74599565
VPS51	NM_013265	156.0791608	9.955562536	1.84E-12	15.67758328
MRGBP	NM_018270	105.3230929	15.78449876	2.66E-06	6.67256493
11-Sep	NM_018243	129.1516643	6.940199614	2.70E-10	18.60921465
C11orf54	NM_001286068	62.83082508	5.137055511	3.86E-05	12.2309025
C1QTNF6	NM_031910	91.6638001	19.34190685	0.000174203	4.739129435
KDM5C	NM_004187	95.31428571	5.119097576	3.39E-08	18.61935318
C21orf91	NM_001100421	197.698925	5.454944123	1.79E-18	36.24215401
CDC16	NM_003903	152.1077322	7.696894954	6.74E-13	19.7622201
ZNF92	NM_001287533	167.9934465	4.959537876	1.29E-16	33.8728024
UBA3	NM_003968	51.62857143	4.531573349	0.000532279	11.39307862
RET	NM_020975	156.9516643	8.843968084	3.59E-13	17.74674703
MRPL46	NM_022163	108.4220179	3.870606198	7.65E-11	28.01163755
SMG1	NM_015092	231.5363036	4.129589133	1.35E-21	56.0676368
RIF1	NM_001177663	118.5912966	5.131341028	1.61E-10	23.11117034
VKORC1L1	NM_173517	63.54285714	5.137542012	6.83E-05	12.36833821
MTRR	NM_002454	129.3121358	5.816718267	8.86E-12	22.23111553
FAM177A1	NM_173607	231.5363036	5.812407924	8.76E-22	39.8348338
LINC00471	NR_024079	237.4132108	10.48653732	9.97E-22	22.63980983
KLHL32	NR_104421	100.3186893	2.774502842	2.46E-09	36.15735684
PAIP2	NM_001033112	58.69892504	7.520856188	0.000420371	7.8048195
HMG20A	NM_018200	147.1033286	3.074467431	1.15E-14	47.84676758
RELL1	NM_001085400	160.9230929	6.217582011	2.04E-14	25.88194134
ACOX3	NM_003501	85.6264215	9.254107252	2.89E-06	9.252801937
MINK1	NM_153827	154.1736822	9.79201599	6.31E-12	15.74483563
EBNA1BP2	NM_001159936	86.49892504	13.56523288	5.24E-05	6.376516038
BECN1	NM_003766	151.0747572	9.748013135	5.08E-12	15.49800509
SLC7A8	NM_012244	166.0879679	8.032226716	4.98E-14	20.6776992
NLRP1	NM_014922	80.62201792	5.046474603	1.51E-06	15.97590878
TXLNA	NM_175852	132.2505893	18.57366145	4.44E-08	7.120329491
RFK	NM_018339	189.7560679	8.51596233	2.11E-17	22.28239869
CCAR2	NR_033902	108.4220179	17.00608707	3.54E-06	6.375482936
DDIT4	NM_019058	404.5341537	50.838632	5.40E-22	7.957219497
GORASP1	NR_103866	87.53190005	14.52221235	4.09E-05	6.027449394
C17orf96	NM_001130677	144.3253465	18.93393704	4.85E-09	7.622574545
TGFBR2	NM_003242	65.76927864	5.879315215	3.82E-05	11.18655426
ZSCAN30	NM_001112734	96.5077322	5.015806228	1.95E-08	19.24072179
IQGAP3	NM_178229	129.3121358	8.599791759	1.95E-10	15.03665896
NR2C1	NM_001032287	107.5495144	5.423535101	1.57E-09	19.83014996
SPG11	NM_025137	173.1583215	7.740555681	1.29E-14	22.37027013
ZNF670	NM_033213	202.7033286	3.962122291	4.62E-20	51.1602908
COX14	NM_001257133	122.4022537	19.33175381	3.56E-07	6.331668345
ATIC	NM_004044	133.1230929	7.822022862	3.74E-11	17.01901097
LOC100652758	NM_001278082	162.1165394	30.1397474	3.21E-07	5.378828734
SH3RF2	NM_152550	97.54070721	5.225786338	4.23E-08	18.6652689
RDH13	NR_027382	147.1033286	24.03550966	3.85E-08	6.120250027
RPS15	NM_001018	256.2373786	27.20953397	4.97E-16	9.417191008
RPS6KB2	NM_003952	158.1451108	18.50940574	3.94E-10	8.544040419

ZKSCAN5	NM_014569	62.67035361	11.57037008	0.000898333	5.416451953
L2HGDH	NM_024884	196.66595	4.703478965	1.62E-18	41.81286905
TRIM46	NM_001282378	67.67475719	10.33842422	0.000186346	6.545945081
SMOX	NM_175841	120.3363036	9.716058614	7.10E-09	12.3853003
MFSD8	NM_152778	52.82201792	5.3407806	0.000685313	9.890317891
SH3TC1	NM_018986	62.67035361	9.805693169	0.000934518	6.391221153
ALG1	NM_019109	234.4747572	8.913183166	3.23E-21	26.3065117
HSF2	NM_004506	80.62201792	3.806590224	7.56E-07	21.17958939
CCDC107	NM_174923	166.2484394	34.32019659	2.01E-07	4.844041
ZMYND12	NM_032257	110.3274965	7.63770005	4.49E-09	14.44512036
CENPN	NM_018455	206.6747572	20.41355306	1.04E-13	10.12438925
GAD1	NM_013445	87.69237152	8.166044421	9.11E-07	10.73865963
ZMYM2	NM_001190965	151.9472607	5.767168817	2.38E-13	26.34694172
LOC100129518	NR_037166	156.0791608	32.33332775	5.24E-07	4.827191373
RAB5A	NM_004162	113.26595	6.385244089	2.98E-09	17.73870324
NOMO2	NM_001004060	210.8066572	7.998195825	1.57E-18	26.35677618
NDUFAB1	NM_016013	222.720943	14.90496427	2.67E-17	14.94273579
PDDC1	NM_182612	71.48571429	17.2553059	0.002748839	4.142825094
TMEM18	NM_152834	127.2461858	11.57231417	3.32E-09	10.99574241
ANKRD27	NM_032139	87.69237152	8.714721371	1.58E-06	10.06255597
TMEM120A	NM_031925	75.61761433	15.23124905	0.000532759	4.964636458
FRG1	NM_004477	85.6264215	0.431524915	2.25E-11	198.4275267
DPH6-AS1	NR_038251	102.3846393	2.139095014	1.33E-09	47.86353044
LSM14A	NM_001114093	155.0461858	4.743913738	3.28E-14	32.68317982
PTRH2	NM_016077	103.5780858	23.93713654	7.53E-05	4.327087563
POP7	NM_005837	136.2220179	12.6296437	4.24E-09	10.78589556
LOC728752	NR_036504	74.58463932	9.442270912	0.000339856	7.899014974
ALDH2	NM_000690	182.6857143	6.488259607	3.50E-16	28.15635091
TEKT4P2	NR_038328	57.66595002	2.625301522	3.07E-05	21.96545788
GUSBP11	NR_024448	147.1033286	10.84032367	4.94E-11	13.57001259
MIR22HG	NR_028505	189.7560679	20.68352287	1.11E-12	9.174262482
BTBD1	NM_025238	165.0549929	7.011612534	3.30E-14	23.54023303
MBTPS2	NM_015884	97.38023574	2.641300063	1.13E-09	36.86829721
STAM-AS1	NR_110370	122.4022537	4.313191988	5.97E-12	28.37857763
SSX2IP	NM_001166294	50.75606789	4.508394962	0.000654152	11.25812364
SLC25A21	NM_030631	105.3230929	2.338251025	8.28E-10	45.04353543
LOC100233156	NR_037871	107.3890429	2.521453164	8.39E-11	42.59013987
COPE	NM_199442	156.0791608	13.23748282	3.08E-11	11.79069789
UNC93B1	NM_030930	59.73190005	13.39682111	0.00353693	4.458662212
HMCES	NM_020187	121.2088072	5.942122629	4.07E-10	20.39823389
CHRAC1	NM_017444	230.6638001	54.94210134	2.74E-09	4.198306844
ASCC2	NM_001242906	150.2022537	12.16285682	6.25E-11	12.34925774
ZNF148	NM_021964	60.60440358	2.59957615	2.13E-05	23.31318649
KIAA0391	NM_014672	160.0505893	3.276013532	1.74E-15	48.85528944
SLC18B1	NM_052831	150.2022537	4.95805593	1.44E-14	30.29458638
FAM83F	NM_138435	88.56487506	8.456841853	1.14E-06	10.4725708
C12orf66	NM_152440	165.9274965	5.323088224	4.67E-15	31.17128431
ARMC1	NM_001286702	205.9627251	7.575828128	8.57E-19	27.18682653
ZBTB8A	NR_111980	71.64618576	6.92468037	5.09E-05	10.34649716
FCHO2	NM_138782	55.76047148	1.54324815	3.41E-05	36.13188939
PRRC1	NM_130809	116.2044036	3.916168298	9.77E-11	29.67298511
MAN2C1	NM_001256496	331.8549929	21.03289325	6.68E-26	15.77790507
CEP68	NM_015147	88.56487506	17.8112265	0.000203285	4.972418664
FHOD3	NM_025135	56.63297501	4.009928848	4.78E-05	14.12318701
BIRC5	NM_001012271	181.1011787	24.27608702	6.60E-11	7.460064652
ZNF622	NM_033414	140.1934465	6.701521234	7.10E-13	20.9196452
D2HGDH	NM_001287249	196.66595	14.09295656	1.29E-14	13.95491068
C17orf75	NM_022344	171.8044036	6.594873462	9.02E-16	26.05120547
STEAP3	NM_001008410	202.8638001	11.72555638	6.41E-16	17.30099566
RNF181	NM_016494	142.098925	24.99549371	7.06E-07	5.684981729
ZNF749	NM_001023561	113.26595	7.015737572	1.83E-09	16.14455342
SLC25A40	NM_018843	130.1846393	2.023097707	4.39E-14	64.34916064

PRR13	NM_018457	174.9033286	16.18207079	4.16E-12	10.80846394
ZNF428	NM_182498	277.4484394	18.85435722	2.60E-21	14.71534861
C7orf60	NM_152556	137.0945215	3.209665914	2.93E-13	42.71301909
P4HB	NM_000918	142.2593965	29.71717361	6.35E-07	4.787110591
SHMT1	NM_004169	107.3890429	11.96249129	3.92E-07	8.977147007
ELOVL7	NM_024930	178.0022537	3.688269768	2.17E-16	48.26172294
TMEM126A	NM_032273	104.4505893	10.40227356	1.18E-07	10.04113079
HES2	NM_019089	161.9560679	20.96135867	5.24E-10	7.726410795
SRSF7	NM_001031684	278.1604715	22.88938006	5.96E-20	12.15238118
FBL	NM_001436	159.8901179	9.85965885	3.57E-13	16.21659738
CCDC87	NM_018219	121.3692786	2.406329463	2.93E-13	50.4375151
TCEA1	NM_201437	106.3560679	4.288679516	3.15E-09	24.79925756
CA2	NM_000067	161.0835644	7.050664743	6.76E-14	22.84657833
LOC100288069	NR_033908	152.9802357	2.977216423	1.93E-17	51.38364633
NDUFS3	NM_004551	184.9121358	17.04802285	5.13E-13	10.84654434
YWHAE	NR_024058	230.5033286	9.432417254	1.63E-19	24.43735496
ERI2	NM_080663	202.8638001	4.060133462	3.49E-21	49.96481076
PMS2P1	NR_003613	259.1758322	6.887952861	4.92E-26	37.62741084
FIBP	NM_004214	205.6417822	16.9388423	5.20E-15	12.14025012
HOMER1	NM_001277077	49.72309288	3.15510885	0.000282048	15.75954911
GRN	NM_002087	98.57368223	23.18615125	0.000103032	4.251403399
WBP5	NM_016303	115.3319	4.712165859	1.90E-10	24.47534818
DYNLT1	NM_006519	175.9363036	14.19859121	1.33E-13	12.39110987
ADAM19	NM_033274	85.6264215	6.159654067	5.14E-07	13.90117376
SDR42E1	NM_145168	209.7736822	10.07593854	2.69E-18	20.81926972
JMJD6	NM_015167	139.1604715	25.31143628	4.38E-07	5.49792868
CRTAP	NM_006371	56.63297501	9.340242412	0.000836907	6.06333032
ACOXL	NM_001142807	110.3274965	5.291408208	2.41E-09	20.85030905
LCA5	NM_181714	81.65499293	1.118293086	1.37E-08	73.01752464
PARP3	NM_005485	167.9934465	14.00938913	1.82E-12	11.99148978
PIP5K1A	NM_003557	182.8461858	10.55697448	9.49E-15	17.319942
CDC7	NM_003503	143.2923715	6.861793971	1.82E-12	20.88263975
LACTB2	NM_016027	222.5604715	4.553293562	8.78E-23	48.87900778
ABI2	NM_001282925	75.77808581	3.891013125	4.18E-07	19.47515554
PCM1	NM_006197	109.4549929	4.447562098	2.82E-09	24.6101101
UIMC1	NM_001199297	164.8945215	6.332746733	7.94E-15	26.03838878
CBLC	NM_001130852	168.3143894	12.26966899	5.02E-13	13.71792422
LOC101929099	NR_110786	66.64178218	4.516968385	2.48E-05	14.75365256
IL17RA	NM_001289905	144.1648751	10.62476923	3.85E-11	13.56875354
LOXL2	NM_002318	160.9230929	7.065281165	3.02E-13	22.7766014
DFNB59	NM_001042702	109.4549929	4.71301121	3.39E-10	23.22400437
YIF1A	NM_020470	119.3033286	20.72082611	2.21E-06	5.757653098
WIBG	NM_001143853	102.3846393	5.706755963	3.38E-09	17.94095279
DHX57	NM_198963	132.0901179	5.727545069	1.47E-11	23.06225726
BEX2	NM_001168399	89.4373786	7.561875516	5.36E-06	11.82740689
HNRNPD	NM_031369	93.72975012	7.253563052	1.76E-07	12.92189086
PGBD1	NM_001184743	101.3516643	5.485812979	4.68E-09	18.47523142
RPL23AP7	NR_024528	109.4549929	2.338871262	1.89E-11	46.79821191
NDUFAF7	NM_144736	132.2505893	8.77271436	1.51E-10	15.0752189
CGGBP1	NM_001008390	215.6505893	9.58644311	2.67E-19	22.49537048
ANKRD44	NM_001195144	48.69011787	2.843165282	0.000300706	17.12532091
KBTBD2	NM_015483	60.60440358	5.272663842	8.04E-05	11.49407688
LOC100294362	NR_029376	135.3495144	11.25330966	5.08E-10	12.02752954
OSGEP	NM_017807	77.68356436	15.79682173	0.000320696	4.917670508
SYNJ2BP-COX16	NM_001202547	105.3230929	7.408694606	4.09E-08	14.21614717
H2AFJ	NM_177925	107.3890429	11.7295455	1.22E-07	9.155430862
HYKK	NM_001083612	231.5363036	6.238233299	4.31E-22	37.11568525
THR3	NM_000461	81.65499293	2.974685066	1.46E-07	27.44996231
MED21	NM_001271811	171.9648751	3.708616296	9.85E-19	46.36901242
RHBDD3	NM_012265	97.54070721	19.39365674	5.93E-05	5.029516017
TMEM39B	NM_018056	194.7604715	8.047424332	1.21E-16	24.2015909
TUBGCP3	NM_001286277	207.7077322	6.35599436	4.53E-19	32.67903029

COBLL1	NM_001278461	35.90332862	2.320931641	0.003372872	15.46936066
DUSP1	NM_004417	294.0461858	27.10898136	9.11E-20	10.84681795
UBAP2	NM_001282529	249.4879679	8.050161086	1.25E-21	30.99167399
DSG2	NM_001943	123.1142857	3.413122131	2.92E-12	36.0708703
STAT1	NM_007315	265.3736822	11.36950499	5.14E-22	23.34082991
GALK2	NM_001289030	43.84618576	3.316236486	0.001001629	13.22167039
SNAP47	NM_053052	175.9363036	11.47655552	3.30E-14	15.33006165
MAST2	NM_015112	120.1758322	4.669235132	3.18E-10	25.73779833
AGTRAP	NM_001040195	166.9604715	9.741236324	1.65E-13	17.13955662
SNF8	NM_007241	208.7407072	33.77940177	2.28E-11	6.179526465
USP20	NM_006676	91.50332862	9.026376379	7.27E-07	10.13732696
CYP4F11	NM_001128932	107.3890429	5.521191194	6.14E-10	19.45033945
XRCC5	NM_021141	129.3121358	7.700189919	3.01E-10	16.79336966
GRK4	NM_182982	90.47035361	5.640906473	1.28E-07	16.03826513
PIAS1	NM_016166	91.50332862	3.604292797	1.63E-08	25.38731834
SLC50A1	NM_001122837	253.4593965	37.20631149	1.55E-13	6.812268842
DCTN5	NM_001199743	153.1407072	10.74158985	3.20E-12	14.25680084
DSCC1	NM_024094	218.7495144	14.10903552	2.72E-17	15.5042146
PTBP3	NM_001244898	46.78463932	2.358082093	0.000493618	19.84012324
PAIP2B	NM_020459	108.5824894	4.86253281	1.42E-09	22.3304384
CILP2	NM_153221	152.9802357	14.71910293	4.27E-11	10.39331245
PAQR8	NM_133367	54.72749646	6.52971567	0.000387227	8.381298548
SENP1	NR_051992	145.1978501	4.38039628	2.75E-13	33.14719509
NUDT9	NM_001248011	130.1846393	4.628258758	3.68E-12	28.12821109
OPTN	NM_001008212	120.3363036	5.924126986	9.73E-11	20.31291765
ZNF367	NM_153695	149.1692786	3.83137597	1.89E-14	38.933605
SLC25A47	NM_207117	46.78463932	7.872204813	0.00449051	5.943016021
SNHG16	NR_038111	212.8726073	19.28774084	3.60E-15	11.03667915
WIP1I	NM_017983	121.2088072	14.78901935	1.68E-07	8.195865076
CDC42EP4	NM_012121	262.2747572	18.44967079	2.72E-19	14.21568765
KAT2B	NM_003884	46.78463932	5.319501123	0.002472915	8.794929871
TBC1D15	NM_022771	150.0417822	3.727766857	9.03E-14	40.24977632
ZNF75D	NM_007131	53.85499293	2.011171714	5.17E-05	26.77791884
PRPS2	NM_002765	110.3274965	5.015788734	4.89E-10	21.99604137
CD164L2	NM_207397	82.52749646	15.31933232	0.000136038	5.387147087
CHCHD1	NM_203298	146.0703536	26.15269747	1.10E-06	5.585288239
MRPL19	NM_014763	91.50332862	5.112803426	2.09E-08	17.89689941
UPF1	NM_002911	78.55606789	13.15165188	0.000200316	5.973095135
COL4A4	NM_000092	66.80225365	5.073628507	4.10E-05	13.16656384
MIR4435-1HG	NR_015395	49.72309288	8.174444707	0.00487747	6.082748696
GCLC	NM_001197115	106.5165394	6.820486914	2.73E-08	15.61714592
UBL3	NM_007106	138.1274965	2.277499888	9.86E-14	60.64873909
FLYWCH1	NM_032296	69.58023574	10.64509638	0.000316654	6.53636503
ELMOD3	NM_001135023	89.4373786	9.321290885	5.46E-06	9.594956289
HEXDC	NM_173620	197.698925	22.06850967	1.57E-12	8.958417583
HUWE1	NM_031407	163.8615464	5.733713687	1.99E-14	28.57860636
TMEM185A	NM_001282302	112.232975	3.425161618	1.75E-10	32.76720562
MYH14	NM_001077186	139.1604715	8.532127792	2.77E-11	16.31017196
IGHMBP2	NM_002180	204.7692786	8.272486476	1.56E-17	24.75305088
IPO7	NM_006391	156.0791608	8.217548691	4.03E-13	18.99339653
SGSH	NM_000199	195.7934465	17.04768885	3.04E-14	11.48504341
PRORS1P	NR_027258	84.59344649	8.602789599	4.27E-06	9.833257633
RMI1	NM_024945	119.4638001	3.846348089	1.49E-11	31.05901945
PEX16	NM_004813	134.1560679	15.66804565	5.55E-09	8.562399606
UBR1	NM_174916	179.0352287	3.697220715	2.02E-17	48.42427392
COX7A2	NR_029466	101.3516643	16.63068015	7.10E-06	6.094258526
AKAP11	NM_016248	62.67035361	4.516359282	5.69E-05	13.8762994
ZNF488	NM_153034	153.1407072	9.656826586	8.83E-13	15.8582849
ZNF564	NM_144976	206.6747572	8.566462386	5.86E-18	24.12603335
SMYD4	NM_052928	217.5560679	7.896860763	2.50E-19	27.54969024
NDUFAB2	NM_174889	115.4923715	1.817868306	6.60E-11	63.53175921
KIF23	NM_004856	91.6638001	7.497811356	5.52E-07	12.22540762

ATG16L1	NM_001190266	122.2417822	9.359157929	4.11E-09	13.06119451
NRGN	NM_006176	97.38023574	20.37047707	5.60E-05	4.780459259
THOC1	NM_005131	44.87916077	2.736338724	0.000425644	16.40117153
LOC101928784	NR_120339	169.0264215	4.43479318	6.96E-16	38.11371008
QARS	NM_005051	97.38023574	19.36533767	6.62E-05	5.028584443
CRIP1	NM_014171	154.0132108	4.067127321	9.37E-16	37.8678115
DNASE2	NM_001375	152.1077322	24.27227064	2.40E-08	6.266728584
TMX3	NM_019022	107.3890429	4.146530465	1.06E-09	25.89852982
ZNF808	NM_001039886	86.49892504	4.108079172	1.68E-07	21.0558077
ATP7A	NM_001282224	41.78023574	1.291606699	0.000106685	32.34749073
CNOT2	NM_001199303	93.40880717	2.1756371	5.36E-09	42.9340018
TTC19	NM_017775	220.6549929	10.51035853	4.45E-18	20.99405003
SRSF5	NM_001039465	266.4066572	29.97457603	5.88E-17	8.887753973
EP400NL	NR_003290	182.6857143	8.474117144	6.07E-16	21.55808224
COQ2	NM_015697	55.76047148	8.14499704	0.000708017	6.845978114
DVL2	NM_004422	199.7648751	16.3597167	6.46E-15	12.21077839
CEP83	NM_001042399	176.9692786	2.802213716	2.33E-17	63.15338392
CENPBD1	NM_145039	231.5363036	25.77640833	1.27E-14	8.982488976
RAB7A	NM_004637	94.44178218	7.918969955	4.76E-07	11.9260185
KLHL25	NM_022480	113.4264215	9.819450836	2.32E-08	11.55119807
ZBTB10	NM_023929	140.1934465	5.58816411	7.54E-13	25.08756789
WDR78	NM_207014	98.41321075	3.859593357	3.51E-09	25.49833665
ITPRIPL2	NM_001034841	118.2703536	19.51954993	1.03E-06	6.059071753
STARD8	NM_014725	79.5890429	4.29986041	1.48E-06	18.50968062
KIAA1467	NM_020853	115.3319	7.059959713	3.42E-09	16.3360564
IKBKAP	NM_003640	52.82201792	6.313577751	0.000745433	8.366416
SLC25A25	NM_001006641	62.67035361	12.21242099	0.000964991	5.131689584
ZNF292	NM_015021	135.3495144	4.117492723	7.59E-12	32.87182844
PTTG1	NM_001282383	210.6461858	9.791655429	5.39E-19	21.51282664
PDK1	NR_103729	85.6264215	3.622295418	2.87E-08	23.63871844
OPA1	NM_130834	220.8154644	2.85989543	2.87E-22	77.21102741
MKRN2	NM_001271707	229.4703536	9.556947478	3.61E-20	24.01084176
CD55	NR_125349	74.58463932	3.286573297	4.13E-07	22.69373982
ACVR1B	NM_020328	56.79344649	7.232785786	0.000843215	7.852222943
GSTT2	NM_000854	343.7692786	73.70556962	2.87E-14	4.664088215
HBS1L	NM_001145158	142.098925	3.571988329	6.14E-14	39.78146398
C1orf53	NM_001024594	169.0264215	23.05394633	7.12E-10	7.331778218
ADK	NM_001123	166.9604715	2.535070889	1.08E-15	65.8602772
TXNRD2	NM_006440	114.298925	8.000669503	5.65E-09	14.28617005
RFESD	NM_001131065	160.2110608	2.439398245	1.25E-18	65.67646802
STYXL1	NM_016086	206.6747572	12.18709767	5.13E-16	16.95848863
SEMA6C	NM_001178061	71.64618576	6.588059358	2.29E-05	10.8751579
FADS2	NM_001281502	82.68796794	10.86316636	2.06E-05	7.611774061
GPATCH2	NM_018040	234.4747572	3.212089113	7.45E-23	72.99758784
CCNDBP1	NR_045999	120.1758322	7.839305001	7.81E-10	15.32990898
PNN	NM_002687	144.1648751	13.98232713	4.94E-10	10.31050652
PUS7	NM_019042	224.46595	6.501945367	4.06E-20	34.52289082
KIAA1715	NM_030650	285.0703536	2.213115824	3.55E-31	128.8095049
SLC25A27	NM_004277	109.4549929	4.876623158	6.05E-10	22.44483311
NOC3L	NM_022451	155.0461858	3.61889654	2.47E-15	42.84349775
EFTUD2	NM_001258353	91.6638001	9.787078276	3.47E-06	9.3657982
DNAJC9-AS1	NR_038373	204.6088072	13.24301707	2.14E-16	15.45031666
ZNF121	NM_001008727	170.0593965	4.551621349	8.44E-17	37.36237781
DDX19A	NM_018332	173.1583215	8.925224946	1.38E-14	19.40100363
URB1	NM_014825	182.8461858	10.20182955	1.57E-14	17.92288185
TIMM23B	NM_001290117	130.1846393	4.917401942	2.97E-11	26.47427257
NSMCE2	NM_173685	174.9033286	6.696233908	2.42E-15	26.11965636
ARMC9	NM_001291656	126.3736822	6.099312685	8.31E-11	20.71933163
NR6A1	NM_001489	72.5186893	5.00881501	1.28E-05	14.47821274
SUPT7L	NM_001282730	323.7516643	12.52923155	3.71E-29	25.83970637
NMRAL1	NM_020677	91.6638001	20.98361731	0.000248164	4.368350736
GATSL3	NM_001037666	113.4264215	17.84240356	1.84E-06	6.357126782

RPS24	NM_001142284	154.1736822	21.60704401	3.96E-09	7.135343555
SUZ12	NM_015355	178.8747572	7.606338998	2.05E-15	23.51653762
DHX36	NM_001114397	68.7077322	3.687966918	2.14E-06	18.63024635
CEP97	NM_024548	112.3934465	3.665048464	4.51E-10	30.66629202
CD274	NM_001267706	98.57368223	4.254967027	2.63E-09	23.16673234
RBM12	NM_006047	213.5846393	10.22461902	1.42E-18	20.8892516
HAUS1	NM_138443	168.153918	5.006505415	8.39E-16	33.58708401
C11orf30	NM_001300943	88.56487506	3.553408565	2.84E-08	24.9239212
ZNF507	NM_001136156	95.63522867	6.873700711	3.18E-07	13.91320814
NOL8	NM_017948	227.7253465	8.264878421	2.54E-20	27.5533813
CENPE	NM_001286734	195.953918	3.051374958	7.05E-20	64.21823626
MTFR2	NM_001099286	114.4593965	3.891615083	4.14E-11	29.41179795
IARS	NM_013417	139.1604715	7.18764613	2.13E-11	19.36106327
CDADC1	NR_036439	149.0088072	3.412966525	3.79E-14	43.65961578
DERL1	NM_024295	144.3253465	9.488160969	1.60E-11	15.21109802
CCDC121	NM_001142683	87.69237152	14.32227122	6.18E-05	6.122797856
WDYHV1	NM_001283027	233.4417822	12.25258539	1.52E-19	19.05245095
ABHD14A	NM_015407	173.8703536	14.31828295	3.60E-13	12.14324051
TRDMT1	NM_004412	69.58023574	4.945184532	1.77E-05	14.07030118
CREB1	NM_134442	243.2901179	3.489570164	9.58E-24	69.71922226
TRAPPC2L	NM_016209	199.7648751	27.39185154	1.69E-11	7.292857686
LOC100132352	NR_034006	184.9121358	3.314314628	4.51E-20	55.79196803
SESN2	NM_031459	301.9890429	11.002516	2.80E-27	27.44727143
PKMYT1	NM_182687	144.1648751	33.95298005	5.61E-06	4.246015368
MISP	NM_173481	75.61761433	7.668675274	1.21E-05	9.860583691
GPR160	NM_014373	62.67035361	5.646634949	5.99E-05	11.0987082
LOC101927221	NR_125415	225.6593965	11.94531994	3.52E-19	18.89102993
URM1	NM_001135947	121.2088072	12.25877665	2.28E-08	9.887512484
RAB30-AS1	NR_038903	187.8505893	20.05661317	2.04E-11	9.366017472
ESF1	NM_016649	92.53630363	2.681928562	8.53E-09	34.50364224
ATXN2L	NM_145714	126.2132108	25.01374619	4.05E-06	5.045754035
FZD6	NM_001164616	128.2791608	6.716389487	9.85E-11	19.09942254
CCDC148	NM_138803	45.91213579	2.654054923	0.000553894	17.29886423
AGGF1	NM_018046	144.1648751	3.198091927	6.04E-14	45.07840249
MTX1	NM_198883	119.3033286	25.06822682	1.00E-05	4.759145091
RBL2	NM_005611	96.5077322	4.330935898	2.43E-08	22.28334348
CAPZA1	NM_006135	109.2945215	7.699410349	1.68E-08	14.19518073
ATP6V0A1	NM_001130020	164.0220179	9.999054046	9.77E-13	16.40375351
CHRNB1	NM_000747	65.76927864	10.88660616	0.000370765	6.041302284
SFSWAP	NM_004592	126.3736822	9.665372288	3.43E-09	13.07489029
CTH	NM_001190463	190.7890429	4.168446595	1.58E-19	45.76981822
TCTEX1D2	NM_152773	169.898925	7.597822461	5.00E-15	22.3615287
VWA3B	NM_144992	49.72309288	4.82129025	0.001440855	10.31323366
TELO2	NM_016111	142.098925	10.95612906	8.32E-11	12.96981117
PLA2G4A	NM_024420	45.75166431	2.95246687	0.000532636	15.49608051
PRRT3-AS1	NR_046734	95.47475719	13.63702427	7.33E-06	7.001143013
LOC374443	NR_002814	62.67035361	4.582630042	1.61E-05	13.67563016
OAS3	NM_006187	88.56487506	6.023995662	1.56E-07	14.70201508
FIRRE	NR_026975	51.7890429	2.106207987	0.000136596	24.58876009
ARRDC3-AS1	NR_027435	132.4110608	8.468034787	8.59E-11	15.63657497
LEKR1	NM_001004316	143.1319	2.515849739	1.08E-13	56.89207023
LYPD6	NM_001195685	167.9934465	4.431846166	4.14E-15	37.90597421
MRPL38	NM_032478	136.2220179	29.23869689	1.72E-06	4.658963374
PTPLA	NM_014241	163.1495144	2.533909781	3.13E-17	64.38647327
MSL3	NM_001193270	61.6373786	4.192734892	2.69E-05	14.70099593
ZNF565	NM_152477	111.520943	8.135170643	6.26E-09	13.70849461
DENND5B-AS1	NR_046909	71.64618576	3.528549274	4.16E-06	20.30471455
LTBR	NM_002342	118.2703536	16.38662377	2.27E-07	7.217493687
ZBED3-AS1	NR_024398	91.6638001	5.345302196	1.11E-07	17.14847856
FAM222A-AS1	NR_026661	61.79785007	8.549769634	0.000271158	7.228013469
PTK6	NM_001256358	89.4373786	20.86373877	0.000329802	4.286737845
RPL12	NM_000976	265.3736822	56.5747604	4.39E-11	4.690672667

FLJ44313	NM_001272093	84.59344649	17.84766096	0.000279464	4.739749746
RAB35	NM_006861	59.73190005	11.60099142	0.001443339	5.148861668
SLC35D1	NM_015139	248.4549929	4.485104643	1.68E-24	55.39558442
ARPIN	NM_182616	65.76927864	11.80961704	0.001287346	5.569128824
HOXA11	NM_005523	101.3516643	12.86291207	1.84E-06	7.87937162
TRPV1	NM_080705	48.69011787	9.097104629	0.004343163	5.352265348
SFXN4	NM_213649	186.8176143	11.30377786	9.53E-15	16.52700687
PRDM4	NM_012406	92.37583215	6.816539361	4.42E-07	13.55171991
FAM173B	NR_047668	232.4088072	8.811891048	8.58E-21	26.3744531
PEX7	NM_000288	138.1274965	3.736432535	2.49E-13	36.96774803
MYO1B	NM_012223	95.47475719	5.074701399	8.73E-08	18.813867
PSMG1	NM_001261824	198.7319	9.861097658	7.40E-18	20.15312158
MRPL11	NM_016050	119.3033286	12.3768306	3.17E-08	9.639247112
POU2F1	NR_037163	88.40440358	3.773282748	3.69E-08	23.42904295
GTF2IRD2B	NM_001003795	101.3516643	9.241256814	1.27E-07	10.96730308
HNRNPK	NM_031262	194.7604715	16.6983763	8.45E-14	11.66343769
PHAX	NM_032177	127.2461858	5.270755847	4.76E-12	24.14192375
LEMD2	NM_181336	146.0703536	15.96005357	4.35E-10	9.152247077
WNT10B	NM_003394	97.54070721	12.61390544	2.78E-06	7.732792011
TMEM87B	NM_032824	150.0417822	4.742263133	8.12E-14	31.63927812
KLHL8	NM_001292007	223.432975	3.915201188	9.73E-22	57.06806989
RPL27A	NM_000990	290.0747572	55.41467229	8.49E-14	5.234620096
INTS7	NM_001199812	83.56047148	5.466740715	9.23E-07	15.28524505
SUPT20H	NM_001014286	206.6747572	3.657870947	2.75E-20	56.50138022
STAT2	NM_005419	103.4176143	14.07655705	3.34E-06	7.346797514
TSC2	NM_001114382	125.3407072	12.05225842	1.21E-08	10.39976931
WRAP73	NM_017818	146.0703536	11.65044964	6.20E-11	12.53774388
RAB6A	NM_002869	145.0373786	5.199545534	5.36E-13	27.89424146
C5orf34	NM_198566	72.67916077	3.966408803	5.24E-06	18.32366868
C10orf131	NM_001130446	125.3407072	2.324599453	1.24E-13	53.91927072
FAM126B	NM_173822	109.4549929	3.742639284	2.48E-10	29.24540268
AIDA	NM_022831	60.60440358	6.332861527	0.000113105	9.569829266
STXBP5	NM_139244	37.80880717	1.45270357	0.003266986	26.02651218
WDR5B	NM_019069	152.1077322	12.42641845	1.15E-11	12.24067359
UCHL5	NM_001199263	245.5165394	4.297313356	5.65E-25	57.1325661
TRIM65	NM_173547	260.3692786	27.20001543	3.98E-17	9.57239452
CBLB	NM_170662	118.2703536	1.349660746	2.53E-11	87.62969063
CLTA	NM_001184762	166.0879679	14.2927675	5.93E-12	11.62042046
NUDT7	NM_001243657	134.1560679	6.30441459	7.07E-12	21.27970265
NDE1	NM_001143979	212.7121358	10.92010362	3.35E-17	19.47894848
POLR1E	NM_022490	188.8835644	13.50531602	1.88E-14	13.98586779
RABGEF1	NM_014504	238.4461858	8.074013289	5.83E-21	29.53254809
FAAH2	NM_174912	44.87916077	1.393861591	0.000497065	32.19771681
FTH1	NM_002032	211.6090146	29.06821755	6.15E-12	7.27973823
PRPSAP2	NM_001243941	105.3230929	6.0013786	5.12E-09	17.54981645
ANKRD26	NM_014915	208.7407072	3.205429178	5.55E-21	65.12098557
CA5BP1	NR_026551	166.8	3.687514289	9.99E-17	45.23372302
ZNF587	NM_001204817	91.6638001	11.90138038	7.56E-06	7.701946932
ANKH	NM_054027	41.78023574	6.337747073	0.00449051	6.592285122
ATP5A1	NM_004046	212.7121358	9.425472313	1.07E-18	22.56779594
ANP32E	NM_001280559	92.53630363	6.551314593	2.52E-07	14.12484507
DPY30	NM_032574	144.0044036	5.078972244	1.72E-13	28.35305977
CDK19	NM_015076	69.58023574	4.366963226	2.27E-05	15.93332303
MTCH1	NM_014341	128.2791608	16.41374308	1.85E-08	7.81535084
SIRT5	NM_012241	205.8022537	11.10746233	4.00E-17	18.52828734
CTNNAL1	NM_003798	210.4857143	6.147412129	1.19E-18	34.2397272
FAM171B	NM_177454	195.7934465	4.528661215	1.46E-18	43.23428872
HTR7	NM_019860	49.72309288	3.945014148	0.000283486	12.60403411
CCDC58	NM_001017928	106.3560679	6.17539816	1.13E-08	17.22254422
ZC3H13	NM_015070	102.5451108	2.528210763	6.35E-10	40.56034896
TMEM14C	NM_016462	117.3978501	16.19198087	2.58E-07	7.250369858
ZNF440	NM_152357	110.6484394	5.246170287	2.28E-10	21.09127866

SEMA7A	NM_001146030	62.67035361	10.44938345	0.00084046	5.99751688
ITSN1	NM_001001132	114.298925	3.779037325	1.00E-10	30.24551366
NOC2L	NM_015658	96.5077322	14.39223182	9.15E-06	6.705543198
PNISR	NM_032870	125.3407072	3.543717326	3.19E-12	35.36983785
ERCC4	NM_005236	114.4593965	5.658919879	2.83E-10	20.2263681
BLOC1S1	NR_037657	102.3846393	15.70024845	9.51E-06	6.521211408
CMAS	NM_018686	202.7033286	5.825793947	6.05E-20	34.79411227
CCDC142	NM_032779	79.5890429	16.29983913	0.000225051	4.882811557
IRAQ1BP1	NM_001010844	109.2945215	3.652113808	5.96E-10	29.92637338
PI4KB	NM_001198773	62.67035361	14.36477445	0.002680043	4.362780203
MRPL20	NM_017971	166.0879679	33.84844152	1.17E-07	4.906812854
CHAMP1	NM_001164145	123.2747572	10.11009725	4.25E-09	12.19323159
OGFOD3	NR_033265	197.698925	9.757847647	1.01E-16	20.26050541
SMARCA1	NM_001282875	63.70332862	1.563816492	6.56E-06	40.73580816
FGGY	NM_018291	166.9604715	3.474395906	1.18E-15	48.05453265
SLC6A6	NR_103507	55.76047148	10.95198407	0.002922245	5.091357977
COA7	NM_023077	165.9274965	9.410577496	6.92E-14	17.63202062
PHF3	NM_001290259	148.1363036	4.343929167	1.98E-13	34.10191509
LOC100996255	NR_102756	180.7802357	2.192225999	7.84E-20	82.46423308
METTL17	NM_022734	90.47035361	15.53685639	4.72E-05	5.822951012
EMC9	NM_016049	345.6747572	41.45637327	2.98E-20	8.338277806
VAMP7	NR_033714	198.7319	4.256706165	4.46E-19	46.68677901
SLC17A9	NM_022082	63.70332862	4.595665075	2.72E-05	13.86161254
SPAG9	NM_001130527	59.89237152	8.842691479	0.000566242	6.773092974
FAM212B	NM_019099	271.4110608	21.53795844	7.37E-20	12.60152217
ZNF599	NM_001007248	74.7451108	6.256047847	1.13E-05	11.94765651
KIAA1143	NM_020696	129.3121358	6.78827901	7.44E-11	19.0493254
TMEM161A	NM_017814	161.0835644	7.228155891	9.25E-14	22.28556865
TBC1D22A	NM_001284303	113.26595	6.390198593	1.34E-09	17.72494992
MRPL24	NM_145729	138.1274965	25.296809	4.56E-07	5.460273527
MTR	NM_001291939	151.0747572	3.774759996	1.02E-14	40.02234774
PITPNC1	NM_181671	59.89237152	8.119817791	0.00058038	7.376073339
SLC2A6	NM_001145099	191.8220179	23.1408939	7.41E-12	8.289308908
NUB1	NM_001243351	123.2747572	6.865926054	4.29E-10	17.95457106
ZNF280A	NM_080740	46.78463932	5.141581155	0.003167666	9.09927081
LINC01184	NR_015360	199.9253465	4.544757148	5.17E-19	43.99032556
DCTN4	NM_016221	127.2461858	5.808000953	1.80E-11	21.90877495
SLC43A1	NM_003627	68.54726073	10.28553432	0.000297184	6.664433618
COX15	NM_004376	174.9033286	15.52096893	1.28E-12	11.26884084
CDK9	NM_001261	126.2132108	30.32801362	2.38E-05	4.161604922
SLC4A7	NM_001258379	49.72309288	2.870407616	0.000269114	17.3226592
DHPS	NM_001930	162.9890429	22.63508077	1.65E-09	7.200727251
ASTE1	NM_014065	157.9846393	7.071418403	4.48E-14	22.34129425
RCBTB2	NM_001286831	106.5165394	6.087412272	3.54E-09	17.49783563
MXI1	NM_130439	95.63522867	8.067369223	4.64E-07	11.8545744
HNRNPLL	NM_001142650	90.47035361	3.739441823	5.66E-08	24.19354489
SLC19A2	NM_006996	189.0440358	6.17345533	6.86E-18	30.62207884
PLEKHH2	NM_172069	107.5495144	2.477433883	2.24E-10	43.41165878
KIAA0247	NM_014734	107.2285714	8.969803951	2.46E-08	11.9543941
NDUF4F4	NM_014165	108.4220179	6.41399611	3.49E-09	16.90397313
BACH1	NM_001186	88.40440358	2.835886241	1.17E-08	31.1734661
ZNF490	NM_020714	127.2461858	4.263185084	5.58E-12	29.84768037
C1orf21	NM_030806	106.3560679	3.129437974	7.26E-10	33.98567691
INTS6	NM_001039938	226.3714286	33.53480889	2.31E-12	6.75034199
CEP85	NM_022778	294.0461858	9.438115278	3.78E-26	31.15518057
TM2D1	NM_032027	91.50332862	3.945488321	6.76E-08	23.19188936
CDCA5	NM_080668	132.2505893	21.37821741	4.53E-07	6.18623091
POC1B	NM_172240	64.73630363	5.4932778	3.90E-05	11.78464043
SPATS2	NM_001293286	202.7033286	5.694040058	2.55E-18	35.59921015
MPHOSPH10	NM_005791	107.5495144	10.76176132	5.10E-08	9.993672148
DNMT1	NM_001379	139.1604715	13.67936568	8.53E-10	10.17302079
PRMT6	NM_018137	81.65499293	11.67045874	3.35E-05	6.996725211

RAD51C	NM_002876	321.8461858	10.00527632	7.88E-31	32.16764591
POLR2H	NM_001278715	157.1121358	26.61915857	2.01E-08	5.902220215
SNRNP35	NM_022717	145.1978501	8.397455153	1.92E-12	17.2906967
ELOVL6	NM_001130721	75.61761433	5.170281856	6.53E-06	14.62543367
ATP5J2-PTCD1	NM_001198879	193.7274965	19.69061954	2.87E-13	9.838567857
AMOTL1	NM_001301007	69.74070721	5.455942503	2.13E-05	12.78252239
LOC440700	NR_036683	80.62201792	4.279232662	1.68E-07	18.84029785
C11orf73	NR_024597	111.3604715	3.951133733	5.30E-10	28.1844349
CYBA	NM_000101	290.0747572	30.77697255	8.10E-19	9.42505819
C11orf52	NM_080659	81.49452145	14.24479664	9.42E-05	5.721002799
ZNF594	NM_032530	179.7472607	16.40194524	4.45E-13	10.95889896
EPM2AIP1	NM_014805	145.1978501	15.66170692	1.12E-09	9.270882846
DAB2	NM_001244871	74.58463932	4.198698409	4.40E-06	17.76375249
ZNF497	NM_198458	172.9978501	19.67003348	1.73E-11	8.794995202
SRCAP	NM_006662	119.3033286	14.01798521	4.37E-08	8.51073295
BACE2	NM_138991	43.84618576	6.274652593	0.004420928	6.987826834
SIVA1	NM_006427	100.4791608	9.575269895	2.16E-07	10.49361134
RPL3	NM_001033853	284.1978501	46.18142245	7.48E-15	6.153943188
FRMD8	NM_001300833	200.6373786	9.429506368	3.54E-17	21.27761208
TOP3A	NM_004618	169.898925	9.905334598	1.57E-13	17.15226511
TXN2	NM_012473	242.4176143	13.02868937	1.55E-20	18.6064467
B4GALT1-AS1	NR_108110	104.4505893	9.543572002	4.72E-08	10.94460117
RPL4	NM_000968	264.5011787	21.0693252	2.07E-19	12.55385145
MPZL3	NM_001286152	134.1560679	5.656170843	1.05E-11	23.71853178
FAF2	NM_014613	116.3648751	6.503862153	3.55E-10	17.89165765
NVL	NM_001243147	143.1319	4.619323641	1.12E-12	30.98546696
MBD5	NM_018328	105.3230929	2.271083725	8.21E-10	46.37569797
CGRRF1	NM_006568	166.0879679	4.058827945	1.53E-16	40.92017947
ARCN1	NM_001655	169.898925	7.90892949	7.66E-15	21.48191171
DSE	NM_013352	149.1692786	3.974006652	1.29E-13	37.53624282
ABCD3	NM_001122674	140.1934465	3.724889257	7.67E-13	37.6369435
AK6	NM_016283	147.1033286	11.12732589	4.84E-11	13.22000722
CEPT1	NM_001007794	114.298925	5.433185065	4.28E-10	21.03718604
ELOVL5	NM_001242830	63.70332862	6.431108907	7.04E-05	9.905496788
NAPA	NM_003827	68.7077322	9.605257749	0.000281101	7.153137792
RCBTB1	NM_018191	196.66595	6.238390047	1.80E-17	31.52511282
CISD1	NM_018464	143.1319	3.950616379	1.72E-14	36.23027049
TRIM13	NM_001007278	208.5802357	10.69437026	2.32E-17	19.50374176
MLX	NM_198204	143.1319	32.94017269	4.02E-06	4.345207944
KCTD18	NM_152387	49.88356436	4.530345336	0.000913514	11.01098496
SCN3B	NM_001040151	61.6373786	6.789930578	0.000218162	9.077762709
CACFD1	NM_001242369	121.3692786	15.42917809	2.00E-07	7.866218013
C20orf24	NM_018840	78.71653937	13.88274898	0.000140841	5.670097433
GOT1	NM_002079	110.3274965	12.17594659	2.12E-07	9.0611022
ZDHHC17	NM_015336	235.3472607	1.660192744	2.39E-25	141.7589985
STARD3	NM_006804	215.8110608	14.12822928	9.44E-17	15.27516694
FAM86HP	NR_024252	103.4176143	10.82266566	5.12E-07	9.555650851
FAM167A	NM_053279	70.77368223	7.341873432	4.65E-05	9.639730633
AASDHPPT	NM_015423	207.5472607	4.08178312	2.21E-21	50.84720443
CTSV	NM_001333	156.0791608	14.46878513	3.14E-11	10.78730241
H2AFY	NM_138609	83.4	9.754695866	2.13E-05	8.549728371
ETFA	NM_001127716	192.8549929	5.141505099	1.45E-17	37.5094431
PSAT1	NM_058179	201.6703536	6.644721157	1.25E-18	30.35046149
CTDSPL2	NM_016396	123.2747572	5.264278495	1.17E-10	23.41721801
SEMA4B	NM_198925	151.9472607	12.50638955	3.53E-11	12.14957044
ZNF112	NM_001083335	103.4176143	3.550678475	2.00E-09	29.12615576
KDF1	NM_152365	110.4879679	18.21901133	1.49E-06	6.064432694
FAM86A	NM_201598	76.49011787	13.4156571	0.000138692	5.701555826
SF3A3	NM_006802	192.8549929	9.584878053	5.05E-16	20.12075603
TXNDC9	NM_005783	213.7451108	6.706886504	3.05E-20	31.86949871
HHEX	NM_002729	77.68356436	11.22495881	5.26E-05	6.92061019
ZNF512	NM_032434	151.2352287	5.772879774	4.86E-14	26.19753651

IGF2BP3	NM_006547	90.47035361	5.342524018	1.60E-07	16.93400971
RFC3	NM_181558	108.4220179	5.352337964	3.58E-09	20.2569454
DDX46	NM_014829	115.4923715	8.389842663	6.07E-09	13.76573747
CLTC	NM_004859	182.8461858	10.86255054	1.57E-14	16.83271209
ZNF843	NM_001136509	82.52749646	9.098929271	4.04E-06	9.070022857
FBXO17	NM_024907	110.3274965	6.985123651	5.64E-09	15.79463757
NACA	NR_045277	136.2220179	15.32675344	6.42E-09	8.887858635
ZNF695	NR_037892	136.0615464	6.637712085	2.91E-11	20.49825975
UFSP2	NR_028085	128.2791608	5.089218102	4.44E-12	25.20606471
CECR5	NM_033070	86.65939651	9.886328631	7.60E-06	8.76557919
C15orf41	NM_001130010	87.53190005	2.589829897	3.42E-08	33.79832017
CAPN5	NM_004055	125.3407072	7.958310097	4.21E-10	15.74966365
RNFT1	NM_016125	235.6682037	9.640163876	9.58E-21	24.44649351
FKRP	NM_024301	65.60880717	9.64740714	0.000345775	6.800667393
ENO1	NM_001428	186.9780858	31.18964358	6.92E-10	5.994877284
GSPT1	NM_002094	180.9407072	6.501892032	8.94E-16	27.82893138
ARHGEF3	NM_001128615	121.3692786	6.394605741	3.78E-10	18.97994709
RAB8A	NM_005370	74.7451108	14.60984414	0.000306485	5.116078588
MPST	NM_021126	129.1516643	8.852493283	4.22E-10	14.5892982
FAM133B	NM_001288584	72.67916077	2.141131427	3.56E-07	33.94427818
PSMA6	NM_001282232	141.2264215	6.89173452	3.77E-12	20.49214477
CD97	NM_001025160	116.2044036	16.35007488	2.70E-07	7.107270422
PPP2R3C	NM_017917	118.4308251	8.215667956	1.96E-09	14.41523997
ZCCHC3	NM_033089	121.3692786	27.7339483	5.22E-05	4.376199065
DYNC2H1	NM_001080463	56.63297501	1.341850557	4.13E-06	42.20512837
PTCD2	NM_001284404	207.7077322	6.555747306	5.27E-19	31.6833036
ACTR3	NM_005721	101.3516643	3.146882133	1.25E-09	32.20700999
CHMP2B	NM_001244644	234.4747572	2.513205271	1.68E-26	93.29709749
UFD1L	NM_005659	77.68356436	9.270633214	5.11E-05	8.379531642
NMT1	NM_021079	156.9516643	11.0332584	2.83E-12	14.22532298
NT5E	NM_002526	113.4264215	11.30646987	3.02E-08	10.03199255
FAM83D	NM_030919	174.0308251	14.44838717	1.36E-12	12.04500011
TIGD1	NM_145702	261.2417822	17.27421638	1.03E-19	15.12322043
C22orf24	NM_015372	80.46154644	16.71934399	0.000643707	4.812482266
NCKAP1	NM_205842	61.6373786	2.813440201	1.05E-05	21.90818862
ABCB8	NM_001282293	126.3736822	19.25934378	1.51E-07	6.561681627
FAM35A	NM_019054	86.49892504	3.623308916	5.30E-08	23.87290928
SLC36A1	NM_078483	117.3978501	7.030234636	2.04E-09	16.69899458
SSH3	NM_017857	134.1560679	16.91894279	7.71E-09	7.929341067
PTTG1IP	NM_004339	98.41321075	12.2290977	3.30E-06	8.047462955
SMIM7	NM_001300925	181.8132108	15.3043493	1.61E-13	11.87983933
STK4-AS1	NR_038341	164.0220179	21.35523107	1.55E-09	7.680648238
ZBTB1	NM_014950	190.7890429	4.660125449	2.90E-19	40.94075256
POLR2J2	NM_032959	96.34726073	6.796936682	1.45E-07	14.17510052
FXN	NM_001161706	64.57583215	7.536015574	0.000164756	8.568962142
BAIAP2	NM_006340	273.1560679	18.27215121	2.86E-20	14.94931083
MCM2	NR_073375	151.2352287	13.1161682	2.99E-11	11.53044291
ST3GAL1	NM_003033	133.1230929	8.9577578	1.01E-10	14.861207
USP16	NM_001001992	98.41321075	6.66147168	1.23E-07	14.77349383
RABGAP1	NM_012197	221.5274965	5.015388216	2.51E-20	44.16956114
TMBIM1	NM_022152	111.520943	16.08957702	6.40E-07	6.931253868
KIAA0196	NM_014846	152.1077322	9.975134027	1.24E-11	15.24869057
LONRF1	NM_152271	60.60440358	6.682760808	0.000432508	9.068767434
CS	NM_004077	165.0549929	11.88851134	1.40E-12	13.88357114
ZBTB43	NM_014007	189.7560679	10.25986954	1.16E-15	18.49497862
S100A16	NM_080388	83.56047148	17.35661457	0.000244587	4.814330071
UQCRC2	NM_003366	88.56487506	7.170481416	9.21E-07	12.35131505
WBP11	NM_016312	52.82201792	4.165689264	0.000405328	12.68025879
DARS	NM_001293312	142.098925	4.486144679	8.05E-13	31.67506516
RPL34	NM_033625	97.54070721	17.2965011	2.30E-05	5.639331715
PITRM1	NM_001242307	255.2044036	12.72868887	4.64E-21	20.04954369
NDNL2	NM_138704	213.5846393	16.88033105	1.56E-14	12.6528703

FBXO38	NM_030793	141.2264215	5.316221471	1.32E-12	26.56518775
NBPF3	NM_001256417	193.7274965	8.263299233	4.42E-17	23.44432786
ZNF674	NM_001146291	92.53630363	2.359213844	4.45E-09	39.22336412
NDUFA11	NR_034166	87.53190005	12.22190167	8.74E-06	7.16188875
GANAB	NM_198335	96.5077322	13.59174016	3.30E-06	7.100469187
RAB19	NM_001008749	45.91213579	4.440550898	0.001733511	10.33928826
PIGY	NM_001042616	281.2593965	18.62316196	3.18E-21	15.10266608
RNF6	NM_183044	130.1846393	3.64220685	8.10E-14	35.74334042
POLR3GL	NM_032305	220.6549929	6.721177035	1.58E-21	32.82981415
DDX11	NM_152438	165.2154644	10.88537734	2.22E-13	15.17774343
C19orf47	NM_001256441	130.1846393	7.840477379	4.52E-11	16.60417256
PET117	NM_001164811	227.7253465	16.26144829	2.03E-17	14.00400152
RMDN3	NM_018145	88.56487506	10.7841127	4.05E-06	8.212532412
EEF2	NM_001961	280.5473645	30.5229039	6.34E-18	9.191372006
FRAT2	NM_012083	154.0132108	5.91593692	2.54E-14	26.03361274
IL17RE	NM_001193380	84.59344649	8.539351314	4.38E-06	9.906308264
NUDT4P2	NR_104005	178.0022537	9.287623838	6.24E-15	19.16553219
RBAK	NM_021163	159.0176143	5.359150409	9.54E-15	29.67216857
PSMC3	NM_002804	152.1077322	19.50041589	2.16E-09	7.800230164
POGLUT1	NR_024265	141.06595	5.220163334	2.30E-13	27.0232828
PUS10	NM_144709	42.97368223	6.264866376	0.004313593	6.859473075
SEMA4F	NR_073399	148.2967751	9.015844308	7.77E-12	16.44846229
LINC01481	NR_120460	122.2417822	3.854726494	5.01E-12	31.71218046
MPZL1	NM_024569	185.7846393	4.169063834	1.89E-17	44.56267563
FAM214B	NM_025182	67.51428571	14.45030767	0.001875113	4.672169427
C1orf123	NM_017887	211.6791608	19.18502499	3.31E-15	11.0335619
AHNAK	NM_001620	109.4549929	11.13815409	7.89E-08	9.827031665
LOC100506747	NR_036557	156.2396323	5.697656594	1.59E-14	27.42173553
MAP4	NM_001134364	180.9407072	5.81212448	5.91E-16	31.13159531
PNPLA3	NM_025225	216.6835644	9.247350402	3.34E-19	23.43196212
VBP1	NM_003372	76.65058935	2.660733017	7.34E-08	28.80807238
C22orf29	NM_024627	278.1604715	26.23520012	1.01E-18	10.60256717
PRKAR2A-AS1	NR_109996	87.69237152	12.63637589	2.62E-05	6.939677345
UBIAD1	NM_013319	208.5802357	10.03397334	4.35E-18	20.78740183
C14orf119	NM_017924	181.8132108	14.69790561	6.50E-14	12.37000805
AP2A2	NM_012305	123.2747572	8.575259296	1.04E-09	14.37563028
BORA	NM_001286747	53.85499293	5.639437449	0.000324119	9.549710128
PSMD5-AS1	NR_024408	166.9604715	15.87899448	8.72E-12	10.51454937
BRK1	NM_018462	125.3407072	9.028661874	2.41E-10	13.8825342
NR3C2	NM_001166104	69.58023574	1.897318527	3.41E-06	36.67293328
IFNAR2	NM_000874	157.9846393	8.375979675	1.56E-13	18.86163117
AAR2	NM_001271874	221.5274965	8.583478409	2.96E-20	25.8085925
RNF169	NM_001098638	100.4791608	4.998132781	1.93E-08	20.10333962
LOC101928414	NR_120335	155.0461858	5.861304177	8.95E-14	26.45250632
EIF2B4	NM_172195	81.65499293	18.99875932	0.000626988	4.297911856
COP5	NM_006837	143.2923715	10.62794723	9.88E-11	13.48260096
OXR1	NM_181354	140.1934465	3.179343916	1.04E-13	44.09508698
CCDC94	NM_018074	93.56927864	5.971101023	1.48E-07	15.67035598
SF3B4	NM_005850	189.7560679	23.05156775	7.93E-12	8.231807484
TSTD3	NM_001195131	269.1846393	10.47687257	1.40E-24	25.69322454
QPCTL	NM_017659	101.5121358	15.90493124	2.42E-06	6.382431604
DNAJC18	NM_152686	75.45714286	7.206107101	2.10E-05	10.4712769
C20orf27	NM_001258429	113.4264215	10.78569039	4.19E-08	10.51638026
LYRM7	NR_121658	98.41321075	3.915475492	1.23E-08	25.13442134
DTWD2	NM_173666	161.0835644	2.128848486	9.02E-16	75.66699341
METT18	NM_033418	132.2505893	15.76944409	2.53E-08	8.386509289
HNRNPH2	NM_019597	58.69892504	5.627114753	9.70E-05	10.43144269
NAA20	NM_181528	119.3033286	9.319425814	2.26E-09	12.80157501
LDHA	NM_001165414	148.1363036	9.158444733	5.09E-12	16.17483186
TMEM33	NM_018126	151.0747572	4.605708907	7.57E-15	32.80162951
LOC101929057	NR_111915	171.8044036	7.53048552	9.90E-15	22.81451882
PFN4	NM_199346	121.2088072	10.60321764	3.00E-09	11.43132314

STRA13	NM_001271007	182.8461858	34.9275913	5.69E-09	5.235007023
OSBPL10	NM_017784	95.31428571	5.490629116	9.79E-08	17.35944711
PDCD2L	NM_032346	151.9472607	7.734690298	1.49E-12	19.6449056
RPS7	NM_001011	113.4264215	22.4086882	1.16E-05	5.061716263
CASD1	NM_022900	42.81321075	2.016340008	0.000705714	21.23313062
XRCC6	NM_001288978	99.44618576	12.36527535	2.46E-06	8.042375356
ZCCHC6	NM_001185074	111.3604715	5.116682217	1.16E-09	21.76419538
NOP10	NM_018648	166.9604715	11.43773041	2.05E-11	14.59734278
PLS3-AS1	NR_110384	64.57583215	3.582034203	3.95E-06	18.02769837
GLB1	NM_000404	138.1274965	7.103087221	4.51E-11	19.44612141
ZC3H10	NM_032786	165.9274965	34.25906003	1.74E-07	4.843317252
LOXL1	NM_005576	124.3077322	11.29208772	7.65E-09	11.00839236
COPZ1	NM_016057	115.4923715	9.71264853	1.77E-08	11.89092462
TRAPPC2	NM_001011658	81.49452145	4.905533898	3.13E-07	16.61277307
SLC26A2	NM_000112	179.7472607	5.962640535	1.23E-16	30.14558058
EXOC8	NM_175876	160.9230929	7.81503288	9.08E-15	20.59147995
SEC14L5	NM_014692	45.91213579	5.686458126	0.002341937	8.073942474
CIAPIN1	NM_020313	202.8638001	9.518446345	4.08E-17	21.31270091
FBXO7	NM_001033024	80.78248939	5.085390054	6.99E-07	15.88521009
PNO1	NM_020143	70.61321075	9.543917358	0.0001319	7.398765947
SURF6	NM_006753	164.8945215	10.20520519	7.32E-14	16.15788399
MFSD2A	NM_001287808	181.9736822	10.37429339	3.00E-15	17.54082668
FBXO8	NM_012180	65.92975012	2.937856486	3.62E-06	22.44144683
TBC1D19	NM_018317	221.5274965	2.364762046	3.71E-22	93.67855716
C8orf33	NM_023080	156.9516643	14.17263373	3.72E-11	11.07427648
ATP6V0C	NM_001694	147.9758322	14.93287239	2.95E-10	9.909401775
NLRX1	NM_024618	221.6879679	11.60248114	1.62E-18	19.1069449
FARSB	NM_005687	112.553918	4.693387389	1.31E-09	23.98138245
SLC25A14	NM_001282196	132.0901179	2.650594707	5.16E-14	49.83414383
FADS3	NM_021727	67.67475719	8.613840902	6.08E-05	7.856513484
ERAL1	NM_005702	123.1142857	10.44943997	2.80E-09	11.78190277
ALMS1	NM_015120	68.7077322	3.385971209	3.46E-06	20.29188317
PIGC	NM_002642	112.3934465	11.38188765	2.18E-07	9.8747633
TIMM10	NM_012456	56.79344649	8.734817821	0.002652592	6.501961192
ZNF25	NM_145011	226.5319	3.92693171	4.80E-24	57.68674292
C16orf72	NM_014117	144.1648751	11.9428123	2.15E-10	12.07126692
PLEKHA8	NM_001197027	187.8505893	3.393515929	7.31E-19	55.35574115
PNLDC1	NM_001271862	41.94070721	5.647346432	0.003399758	7.426621993
HMBOX1	NM_024567	36.77583215	2.910241787	0.003430841	12.63669305
HELZ	NM_014877	126.2132108	5.782258142	8.74E-11	21.82766795
GAN	NM_022041	215.8110608	7.371485662	3.94E-19	29.27646756
CCDC186	NM_018017	149.1692786	6.21893505	1.58E-12	23.98630593
NUP62	NM_001193357	226.5319	13.13732612	6.36E-18	17.24337951
CTR9	NM_014633	219.7824894	6.380447627	7.60E-21	34.44624927
SLTM	NM_024755	284.0373786	5.066089614	4.95E-28	56.06639445
CCDC132	NM_001257998	90.47035361	2.067595014	1.15E-08	43.75632219
MTRF1	NM_004294	64.73630363	3.835096027	2.72E-05	16.87996941
GAS2L1	NM_152236	73.55166431	16.61180416	0.001152038	4.427674658
RPL36A-HNRNPH2	NM_001199974	109.2945215	14.86142094	1.28E-06	7.354244382
RNF2	NM_007212	109.2945215	5.250073228	2.01E-09	20.81771372
UBXN7	NM_015562	151.0747572	5.460037381	1.35E-13	27.66918001
TAOK2	NM_001252043	175.9363036	16.10067212	1.27E-12	10.92726455
RAET1G	NM_001001788	90.47035361	11.3858276	7.92E-06	7.945874185
EPDR1	NM_001242948	61.6373786	1.707653194	2.82E-06	36.09478717
MIR181A1HG	NR_040073	102.3846393	2.211822577	7.92E-10	46.28971618
TROVE2	NM_004600	201.8308251	7.817807232	8.41E-18	25.81680759
CLCN4	NM_001256944	37.80880717	2.067548867	0.003043463	18.28677801
SCAMP2	NM_005697	237.4132108	10.27602417	6.09E-20	23.10360571
HCN3	NM_020897	109.2945215	10.57722666	1.19E-07	10.33300363
SLMO1	NM_001142405	142.098925	9.260655649	2.17E-11	15.34436982
HNRNPR	NM_001297622	90.47035361	7.085462757	5.87E-07	12.76844671
EARS2	NR_003501	120.3363036	9.060379699	6.14E-09	13.28159609

LOC646903	NR_036538	130.1846393	16.16588773	1.10E-07	8.053046114
CSNK2A1	NM_177560	141.06595	7.045249085	1.59E-11	20.02284778
LOC100507530	NR_125386	232.5692786	8.201855802	3.65E-20	28.35568977
RPRD1B	NM_021215	144.3253465	6.903904382	4.07E-12	20.90488781
DMAP1	NM_001034024	148.1363036	20.78947792	4.04E-09	7.125542266
ZNF235	NM_004234	135.1890429	2.818097525	3.63E-14	47.9717404
CFAP57	NM_152498	81.49452145	4.098002752	4.69E-07	19.88639988
CDC20	NM_001255	237.4132108	33.795515	3.91E-13	7.024991653
CTC1	NR_046431	138.1274965	14.07356903	3.29E-09	9.814674313
TMEM199	NM_152464	160.0505893	7.734727325	2.15E-14	20.69246692
SMC5-AS1	NR_039990	155.0461858	4.699489484	1.73E-14	32.99213378
UBP1	NM_001128161	112.232975	7.47558554	8.71E-09	15.01326878
PJA2	NM_014819	72.83963225	2.546627194	1.12E-06	28.60239316
PSKH1	NM_006742	83.56047148	12.30033597	6.68E-05	6.793348706
DIS3	NM_014953	69.74070721	6.987400273	6.73E-05	9.980923447
SLC29A3	NR_033414	148.1363036	9.695888407	1.51E-11	15.27825996
CCT4	NM_006430	211.6791608	11.06001615	1.13E-17	19.13913667
CCDC79	NM_001136505	42.81321075	3.570549896	0.000843839	11.99064906
ASPM	NM_001206846	88.56487506	3.094534232	1.77E-08	28.61977552
PPIL2	NM_014337	194.7604715	11.30304781	2.42E-15	17.23079251
GBA	NM_001171811	99.44618576	19.76229107	4.34E-05	5.03211826
RP2	NM_006915	130.1846393	2.292097558	8.57E-14	56.79716331
NLE1	NM_001014445	101.3516643	10.07161427	6.42E-07	10.06310027
ZMYM5	NM_001142684	212.5516643	6.132468268	2.29E-19	34.66005122
ZNF30	NM_001099437	62.67035361	5.003304555	3.33E-05	12.52579229
SLC7A6	NM_003983	133.2835644	12.80111059	1.96E-09	10.41187508
SYTL4	NM_080737	37.80880717	2.872715218	0.003033721	13.16134886
TMEM41B	NM_001165030	74.58463932	6.057723584	1.41E-05	12.31232134
SPECC1L-ADORA2A	NR_103546	227.4044036	7.252964016	1.30E-19	31.35330647
LOC100506804	NR_040081	161.0835644	8.239366639	7.46E-14	19.55047899
SCD5	NM_024906	80.62201792	5.623942185	1.90E-06	14.33549906
CBWD6	NM_001085457	45.91213579	1.376936205	0.000331108	33.34369133
MRPL32	NM_031903	134.3165394	3.408455403	1.14E-14	39.40686425
CBR3	NM_001236	84.59344649	12.74630316	2.09E-05	6.636704417
PLEKHO2	NM_001195059	208.7407072	15.11156775	6.98E-16	13.81330585
PAXBPI-AS1	NR_038879	212.7121358	12.69369693	3.66E-17	16.7573038
OAT	NM_000274	216.6835644	12.66613702	3.61E-17	17.10731251
RC3H2	NM_018835	181.8132108	5.978098712	4.42E-16	30.41321656
ZNF575	NM_174945	133.1230929	30.15714264	1.04E-05	4.414313864
MKL1	NM_001282662	244.3230929	5.993978253	2.80E-22	40.76142464
STK17B	NM_004226	204.6088072	1.724775709	3.14E-24	118.6292259
ATG13	NM_001205119	54.72749646	7.817645557	0.0015517	7.000508794
EMP2	NM_001424	142.2593965	8.179031853	8.27E-12	17.39318284
MAD2L1BP	NM_001003690	88.56487506	22.02874724	0.000389199	4.020422681
UBAC2	NM_001144072	237.5736822	6.107306046	1.52E-21	38.89991437
ABCC4	NM_005845	59.73190005	4.408922722	0.000140893	13.54795804
TTC1	NM_001282500	144.1648751	6.715309047	7.21E-12	21.46809239
OTUD6B	NM_016023	79.5890429	7.007312461	3.76E-06	11.35799828
SEC22C	NM_032970	156.0791608	5.782147719	7.44E-14	26.99328491
THAP9-AS1	NR_034077	114.4593965	21.1306786	5.80E-06	5.416740212
H3F3A	NM_002107	139	8.775847602	1.65E-11	15.83892591
TMEM141	NM_032928	164.0220179	26.4875828	2.34E-08	6.19241171
TMEM41A	NM_080652	229.7912966	13.42511214	3.77E-19	17.11652716
DAD1	NM_001344	83.56047148	5.766061579	4.17E-07	14.49177577
ANXA5	NM_001154	247.4220179	5.915987365	3.00E-24	41.82260756
MID2	NM_012216	88.40440358	2.139980481	2.02E-08	41.31084576
C18orf32	NM_001035005	219.6220179	8.778894971	7.71E-21	25.01704584
CGN	NM_020770	97.38023574	6.571783615	1.11E-07	14.81793094
PPP5C	NM_006247	180.9407072	10.15600767	1.36E-14	17.8161255
DRAM1	NM_018370	171.0923715	5.031337063	3.52E-16	34.00534875
LOC728730	NR_037875	244.4835644	4.285078933	1.02E-22	57.0546233
ZNF224	NM_013398	127.2461858	5.668141057	8.25E-12	22.44936823

NDUFS7	NM_024407	162.9890429	18.51721684	1.09E-10	8.802027016
TNIP2	NM_001292016	65.60880717	10.22425097	0.000390941	6.416979333
CASP3	NM_032991	116.2044036	3.153686531	1.46E-11	36.84716361
ZNF576	NM_024327	79.74951438	19.60237416	0.001804005	4.068359972
UBXN2A	NM_181713	80.62201792	5.41122705	1.46E-06	14.899027
LYPLAL1-AS1	NR_038845	41.94070721	1.617764968	0.000823942	25.92509298
ISOC1	NM_016048	252.4264215	5.399723063	3.73E-26	46.74803107
SGK3	NM_001033578	91.50332862	6.325666583	1.64E-07	14.46540494
INTS5	NM_030628	293.3341537	24.36880571	6.89E-21	12.03728066
TMEM53	NM_024587	68.7077322	7.952028863	6.39E-05	8.640277015
ZNF398	NM_170686	77.52309288	5.692948744	2.15E-06	13.61738817
HSF2BP	NM_007031	139.1604715	4.074661177	2.40E-12	34.15264863
PGPEP1	NM_017712	114.298925	13.91851859	1.17E-07	8.212003616
SNX3	NM_152827	148.1363036	6.327829334	1.52E-12	23.41028745
CBWD3	NM_201453	70.77368223	0.517011691	5.84E-09	136.8899069
MAGEB2	NM_002364	66.64178218	7.977583341	9.77E-05	8.353630332
HSP90AA1	NM_001017963	189.7560679	14.04113161	2.89E-14	13.51430021
STAU2	NM_014393	137.0945215	4.041655752	5.44E-13	33.92038557
FOXA3	NM_004497	72.5186893	12.83769965	0.000337876	5.648885023
ZCCHC11	NM_015269	158.8571429	4.293766807	2.50E-14	36.99715192
MTERF1	NM_001301135	118.5912966	7.932285261	1.26E-09	14.95045786
UBE2G1	NM_003342	175.7758322	5.243827189	4.33E-16	33.52052343
CREG2	NM_153836	46.9451108	5.756361922	0.002194855	8.15534385
ZNF175	NM_007147	43.68571429	3.895911662	0.002848303	11.21321993
MIPEPP3	NR_038939	176.9692786	8.683769216	1.20E-14	20.3793162
HPRT1	NM_000194	81.49452145	2.897933788	4.28E-08	28.12159539
RHOG	NM_001665	108.2615464	15.1727143	8.58E-07	7.135278783
TGFA	NM_003236	164.8945215	7.29133125	8.58E-14	22.61514609
TCP11L2	NM_152772	50.75606789	5.756117911	0.00068367	8.817760281
ZNF343	NM_001282496	113.26595	7.568972768	2.43E-09	14.96450753
DCAF17	NR_028482	159.1780858	3.219506486	2.38E-15	49.44176584
ZC3H4	NM_015168	142.2593965	11.73991749	7.03E-11	12.11758061
LOC100270804	NR_026885	84.75391796	14.11200543	0.000106532	6.005802533
CCNT2	NR_037649	124.3077322	3.11217594	6.95E-13	39.94238585
UBE3A	NM_000462	137.0945215	3.591185216	2.72E-13	38.17528565
C19orf52	NM_138358	166.9604715	19.10237945	1.35E-09	8.740297088
TTC28-AS1	NR_026963	89.59785007	6.00912723	2.56E-07	14.9102934
RSL24D1	NM_016304	99.44618576	4.189408636	1.46E-09	23.73752346
ZBED5	NM_001143667	181.8132108	10.22978279	4.98E-16	17.77292973
RASA1	NM_002890	76.65058935	3.638649828	4.34E-07	21.06566803
SEC24D	NM_014822	180.7802357	4.841953172	2.48E-16	37.33622142
USP18	NM_017414	149.1692786	6.670548305	5.20E-13	22.3623714
GIN1	NM_017676	133.2835644	2.651618262	2.50E-14	50.26498959
RNGTT	NM_001286426	148.1363036	3.162317676	4.72E-14	46.84421959
SMARCAL1	NM_001127207	41.78023574	5.037333979	0.004194438	8.294116672
WHAMMP3	NR_003521	36.77583215	1.372932261	0.001431047	26.78634132
WDR13	NM_017883	62.67035361	11.16290397	0.001466556	5.614162209
LOC101926941	NR_120664	118.2703536	10.81533323	2.42E-08	10.93543315
CCDC124	NM_001136203	195.7934465	13.38313337	2.37E-15	14.6298659
RANBP2	NM_006267	203.8967751	3.336754971	1.17E-19	61.10630745
POLM	NM_001284330	185.7846393	19.31832782	2.34E-12	9.617014527
C17orf70	NR_033338	159.1780858	25.35243921	5.00E-09	6.278610293
EIF5B	NM_015904	195.953918	5.78662228	2.08E-18	33.863264
C4orf32	NM_152400	149.0088072	2.205552199	5.94E-16	67.56077107
KLHL9	NM_018847	183.8791608	4.647414608	3.95E-19	39.56590412
RBM26	NM_001286631	98.41321075	3.222656173	3.08E-09	30.53791825
MYC	NM_002467	259.3363036	47.68264248	2.74E-12	5.438798903
NOL10	NM_001261394	145.0373786	6.112970663	8.39E-13	23.72616958
C5orf63	NM_001164479	81.49452145	3.570493731	3.17E-07	22.82444042
KATNAL1	NM_032116	55.92094295	2.804374837	3.80E-05	19.9406093
FLCN	NM_144997	162.1165394	10.3049846	2.57E-13	15.73185654
NASP	NM_002482	283.1648751	11.85220255	4.51E-24	23.89132939

FOCAD	NM_017794	81.49452145	4.12621187	1.50E-07	19.75044521
RAP1B	NM_015646	86.49892504	4.922210396	3.39E-07	17.57318726
TAF1B	NM_005680	190.7890429	4.096894246	8.51E-18	46.56918912
SPG7	NM_003119	255.3648751	19.94866104	5.79E-18	12.80110352
SERPINB1	NM_030666	82.68796794	10.60262442	2.70E-05	7.798820805
ZCCHC7	NM_001289120	167.832975	2.683766439	3.10E-16	62.53635659
PROS1	NM_000313	53.69452145	2.81472797	7.22E-05	19.07627381
ARHGEF5	NM_005435	229.951768	13.9468158	5.58E-18	16.48776118
RGS5	NM_001254748	103.4176143	3.325350194	1.27E-09	31.09976643
ETS2	NM_001256295	162.1165394	10.95394976	1.07E-12	14.79982499
DHDH	NM_014475	299.9230929	12.5062827	4.47E-27	23.98179379
MCM4	NM_005914	99.44618576	14.48911785	5.89E-06	6.863508656
KCNS3	NM_002252	41.94070721	5.176726467	0.004084595	8.101781595
PLEKHA1	NM_001001974	55.92094295	5.39911881	0.000214196	10.35742033
TRAFD1	NM_001143906	170.0593965	9.551723183	3.69E-14	17.80405412
NKAP	NM_024528	119.3033286	4.245774979	1.02E-11	28.09930559
TMEM131	NM_015348	79.42857143	4.47398507	2.01E-06	17.75342791
BTG1	NM_001731	181.8132108	10.78371949	8.79E-16	16.8599722
LINC00265	NR_026999	130.3451108	4.673807776	8.88E-12	27.88841926
GAS6-AS1	NR_044995	154.0132108	20.70805578	2.51E-09	7.437357345
MAML1	NM_014757	83.72094295	7.386921299	4.12E-06	11.33367198
LLGL2	NM_001015002	93.40880717	16.06275605	2.64E-05	5.815241599
PDCD4	NM_014456	55.76047148	0.55247591	1.21E-07	100.9283309
LOC100272217	NR_027440	186.8176143	18.07779222	4.76E-12	10.33409457
UGDH-AS1	NR_047679	227.5648751	9.012017192	4.14E-19	25.25126952
KCNG3	NM_172344	51.7890429	4.302018441	0.00066399	12.03831262
MRPS15	NM_031280	83.72094295	10.91241323	2.43E-05	7.672083269
PRKRIP1	NM_024653	193.7274965	12.14209589	2.52E-15	15.95502937
CLDN23	NM_194284	61.6373786	12.36083742	0.002283929	4.986505082
C11orf31	NM_170746	201.6703536	45.18996849	6.35E-08	4.462723927
RPS15A	NM_001019	194.920943	19.81009046	4.22E-13	9.839477682
EOMES	NM_001278183	91.6638001	19.09982452	0.000146398	4.79919593
ADPGK	NR_023319	186.9780858	9.532188032	1.82E-15	19.61544246
CASC2	NR_026939	92.69677511	3.999015831	1.83E-08	23.17989701
FBXL5	NM_001193535	91.50332862	2.6048359	5.62E-09	35.12825074
CLDN12	NM_001185072	113.26595	5.626710975	2.65E-10	20.13004587
GART	NM_001136006	162.9890429	7.838266926	4.88E-14	20.79401537
CRTC3	NM_001042574	117.2373786	6.434834266	5.17E-10	18.21917609
NKTR	NM_005385	204.6088072	5.034218772	7.86E-20	40.64360657
EPN2	NM_148921	232.4088072	8.671524822	4.43E-20	26.80137714
CAMK1	NM_003656	118.2703536	13.23592719	1.02E-07	8.935554865
CCDC15	NM_025004	152.9802357	1.872655621	7.73E-16	81.69160098
PSMD4	NM_002810	170.0593965	10.71431732	3.27E-14	15.87216352
GOLGA7	NM_016099	87.53190005	3.80026343	4.32E-08	23.0331138
DTWD1	NM_001144955	276.0945215	4.055488021	1.20E-29	68.07923486
PIGA	NM_020473	106.3560679	3.466348976	1.87E-10	30.68244675
SRSF11	NM_001190987	97.38023574	7.241096651	1.86E-07	13.44827178
ABHD10	NM_001272069	214.6176143	9.212543394	5.03E-19	23.29623918
PICALM	NM_007166	76.65058935	4.265963464	3.16E-06	17.96794323
TLN1	NM_006289	58.69892504	9.7893747	0.00154331	5.99618738
LOC101929224	NR_110787	141.06595	6.781110738	3.53E-12	20.80277929
ZNF165	NM_003447	156.9516643	9.746918137	2.12E-13	16.10269647
GDAP2	NM_017686	156.9516643	3.793494401	1.42E-14	41.37390166
C2orf42	NM_017880	152.9802357	9.455120959	3.74E-12	16.17961699
PEBP1	NM_002567	198.7319	9.961160987	2.15E-17	19.95067646
C21orf2	NM_001271441	129.3121358	21.29109931	5.29E-07	6.073530253
RPGRIP1L	NM_001127897	92.53630363	2.482573887	1.12E-08	37.27434021
RHBDD2	NM_001040457	277.1274965	20.13450482	5.03E-21	13.76380989
ACOX1	NM_004035	142.2593965	10.8981565	5.13E-11	13.05352851
RRP15	NM_016052	141.2264215	3.8308647	6.21E-13	36.86541618
GMDS-AS1	NR_046229	98.41321075	2.880320103	4.32E-09	34.16745613
PDE3B	NM_000922	130.1846393	1.292110289	8.29E-13	100.7535041

KLHDC4	NM_017566	99.76712871	12.44213594	2.73E-06	8.01848888
SEC63	NM_007214	157.9846393	4.641081592	3.43E-14	34.04047875
SNRK	NM_017719	41.78023574	4.170278818	0.004060873	10.01857132
RNF13	NM_007282	289.0417822	3.797270872	2.58E-27	76.11829441
UBE2L3	NR_046082	181.8132108	8.980151407	8.69E-15	20.24611864
MRPL37	NM_016491	144.1648751	10.97544463	9.51E-11	13.13521957
PPAT	NM_002703	185.9451108	4.953520962	7.22E-18	37.53796789
CHAF1B	NM_005441	50.75606789	8.309782337	0.00247532	6.107990057
OSBPL6	NM_001201480	156.0791608	3.486423367	4.95E-15	44.76770155
SLC25A24	NM_013386	78.55606789	3.140863972	2.97E-07	25.01097424
CPSF6	NM_007007	155.0461858	4.100157909	6.75E-15	37.81468646
RPL36A	NM_021029	109.2945215	18.0002327	2.94E-06	6.071839363
C9orf114	NM_016390	147.2638001	17.78345789	1.72E-09	8.280942942
NEIL2	NM_145043	140.032975	5.98204679	9.91E-13	23.40887324
SBF2	NM_030962	37.96927864	3.390868884	0.003600964	11.19750717
SLC5A3	NM_006933	184.7516643	7.473716399	1.21E-16	24.72018664
SCLT1	NM_144643	182.8461858	2.347457659	7.64E-18	77.89115387
ZHX1-C8orf76	NM_001204180	105.3230929	10.88492624	1.85E-07	9.676050212
EP300-AS1	NR_110514	73.55166431	8.6666138	5.11E-05	8.486782266
CPNE8	NM_153634	119.3033286	2.197955248	2.31E-11	54.27923464
ZFP62	NM_001172638	156.0791608	10.26735042	1.31E-12	15.20150325
ALAD	NM_000031	165.9274965	10.42638892	2.24E-13	15.91418636
PIGO	NM_032634	209.6132108	18.20927	2.99E-15	11.51134619
SAP30BP	NM_013260	80.62201792	18.09908466	0.00092917	4.454480403
MCL1	NM_182763	179.9077322	24.46872858	8.74E-11	7.352557433
ATE1-AS1	NR_120495	143.1319	10.84490908	2.69E-11	13.19807285
KIAA1551	NM_018169	150.0417822	3.762303392	9.68E-15	39.88029847
CCDC51	NM_001256968	167.9934465	11.1888316	6.87E-14	15.01438688
CHERP	NM_006387	117.5583215	13.86565455	5.60E-08	8.478382406
RECQL5	NM_004259	118.4308251	14.22642783	7.89E-08	8.324705718
KIF21A	NM_017641	141.2264215	3.571755366	2.07E-13	39.53978003
CDC42SE2	NM_001038702	208.7407072	4.438678334	3.73E-19	47.02767164
COL12A1	NM_080645	47.97808581	3.227664157	0.000277647	14.86464622
ACOT13	NM_018473	237.4132108	9.726929441	1.73E-20	24.40782697
AFF1	NM_001166693	155.0461858	5.816842591	1.64E-13	26.65469855
ARHGAP19-SLIT1	NR_037909	146.0703536	5.434694499	8.63E-13	26.87738081
SNRPA	NM_004596	130.3451108	18.19716424	3.33E-08	7.162935339
COX11	NR_027942	241.3846393	23.17156897	4.05E-16	10.41727643
PPP6R3	NM_001164162	109.2945215	8.037223057	2.66E-08	13.59854277
RSPH3	NM_031924	221.6879679	5.737888874	6.14E-22	38.63580714
TRAF6	NM_145803	246.5495144	4.54029833	5.98E-25	54.30249214
DIRC2	NM_032839	164.0220179	3.532123155	3.98E-16	46.43723073
TAF11	NM_001270488	145.1978501	8.606132214	5.02E-12	16.87144079
RAB22A	NM_020673	47.65714286	5.329694371	0.001283725	8.941815334
VPS13D	NM_018156	55.76047148	4.809939432	0.000256281	11.59275959
ZNF697	NM_001080470	68.54726073	7.025334997	6.94E-05	9.757151901
NAAA	NM_001042402	195.953918	7.36564073	5.49E-18	26.6037844
STK38	NM_007271	242.5780858	5.807640093	2.46E-22	41.76878765
TMEM117	NM_032256	37.96927864	2.328451885	0.003578023	16.30666233
CRCP	NR_024548	160.2110608	7.142116321	8.39E-14	22.43187504
C11orf71	NM_019021	152.1077322	12.36312404	1.40E-11	12.3033411
ADAMTS6	NM_197941	61.6373786	0.87983872	9.07E-07	70.05531489
PLEK2	NM_016445	83.56047148	12.27476045	5.87E-05	6.807503235
FAM189B	NM_198264	118.2703536	9.978148242	5.91E-09	11.85293611
PRELID2	NM_182960	195.632975	2.680393441	5.67E-20	72.98666383
NDUFB4	NM_004547	101.6726073	12.41842071	6.33E-07	8.187241327
ANKHD1-EIF4EBP3	NM_020690	172.9978501	6.471643133	1.64E-15	26.73167332
HIPK3	NM_001278163	48.85058935	4.437716258	0.001349575	11.00804705
DEPDC1	NM_001114120	104.2901179	6.17062528	1.08E-08	16.90106158
PIN4	NM_006223	60.76487506	6.536410093	0.000314097	9.29636822
POLR2F	NM_001301129	150.0417822	9.161210976	9.54E-13	16.37794202
KBTBD4	NR_024222	193.7274965	17.81708485	4.48E-14	10.87313093

NAGA	NM_000262	183.8791608	6.84971306	2.83E-17	26.84479761
ZNF543	NM_213598	207.7077322	9.077942227	1.99E-18	22.88048624
ZNF700	NM_144566	217.5560679	5.850361439	6.20E-21	37.18677387
FGF2	NM_002006	45.75166431	3.641688006	0.000489662	12.56331246
MRPL3	NM_007208	158.1451108	4.044658276	5.01E-15	39.09974589
MTHFD2L	NM_001144978	138.1274965	3.497420173	3.87E-13	39.49410984
SPTAN1	NM_001130438	287.1363036	11.99813017	2.64E-23	23.93175434
SETD6	NM_001160305	174.9033286	41.34423735	4.40E-07	4.230416131
MARVELD2	NM_001244734	169.898925	7.970866053	4.26E-14	21.31498935
SARS2	NM_001145901	70.9341537	13.41014264	0.000452496	5.289589799
ARIH2	NM_006321	184.9121358	8.243222145	6.64E-16	22.43202143
PIDD1	NM_145887	128.2791608	13.8220584	6.59E-09	9.280756678
NOS1AP	NM_001164757	49.88356436	5.067556843	0.001459839	9.843710866
ZNF573	NM_001172690	88.40440358	0.818344656	6.06E-10	108.0283264
SPAG5-AS1	NR_040012	325.8176143	18.62678351	1.83E-25	17.49188818
CLEC16A	NM_001243403	167.832975	7.733732247	6.78E-14	21.70142043
KLF10	NM_005655	150.5231966	26.25454128	3.62E-08	5.733225159
SLC52A2	NM_001253816	271.2505893	26.70479491	9.04E-18	10.15737399
XPNPEP3	NM_022098	172.8373786	6.300212174	1.48E-15	27.43358062
PPP2R1A	NM_014225	64.73630363	10.68995597	0.000540179	6.055806387
HSBP1	NM_001537	115.4923715	18.75956143	2.63E-06	6.156453707
GTPBP1	NM_004286	53.85499293	11.47281163	0.004373538	4.694140778
MRPS25	NM_022497	309.0593965	11.87184069	1.09E-27	26.03298045
STIL	NM_001282937	245.3560679	4.749235425	8.51E-24	51.66222474
UBE2M	NM_003969	157.2726073	15.89020501	1.38E-10	9.897456146
ATG7	NM_001136031	123.2747572	6.008621606	1.92E-10	20.51631227
SPIN4	NM_001012968	109.2945215	2.517218266	4.43E-12	43.4187702
ADAT1	NR_036460	153.1407072	8.850802719	1.42E-12	17.30246533
LINC01234	NR_110025	89.4373786	10.56370224	5.15E-06	8.466480463
TOMM22	NM_020243	170.9319	31.81868286	3.07E-08	5.372060835
SEPT7-AS1	NR_120511	84.43297501	3.690794996	2.52E-07	22.87663636
AZIN1	NM_015878	317.0022537	11.73311919	1.93E-27	27.01773063
NEDD8-MDP1	NM_001199823	160.0505893	14.87588462	1.76E-11	10.75906364
HNRNPUL2-BSCCL2	NR_037946	118.4308251	21.25079255	3.69E-06	5.573007445
SCAF4	NM_001145445	201.6703536	7.093219048	8.46E-18	28.43142898
NDEL1	NM_001025579	197.698925	8.651134866	9.43E-17	22.85236886
NOSIP	NM_001270960	294.2066572	12.06247994	5.69E-25	24.39022976
RHBDD1	NM_001167608	150.0417822	4.836866598	2.43E-13	31.02045077
ZNF205	NM_001042428	138.1274965	13.83132403	1.82E-09	9.986570781
C1orf50	NR_040733	219.7824894	9.962496543	2.77E-19	22.06098526
DHX8	NM_004941	136.2220179	5.566597094	1.54E-12	24.47132703
UBE2D2	NM_003339	141.06595	7.305823158	1.80E-11	19.30870033
AP4B1	NM_001253852	159.0176143	6.936146284	5.82E-15	22.92593146
TROAP	NM_001100620	129.1516643	28.4513348	0.000103521	4.539388581
BRAT1	NM_152743	98.41321075	19.58063873	3.71E-05	5.026047012
DOLPP1	NM_001135917	123.2747572	14.50200526	1.98E-08	8.500531822
NLRP2	NM_001174082	49.72309288	8.651183557	0.004397625	5.747548015
CBX1	NM_006807	145.3583215	12.26499983	1.34E-10	11.85147359
SLC25A37	NM_016612	110.3274965	10.67346808	5.21E-08	10.33661183
BLVRB	NM_000713	200.7978501	13.19307303	1.28E-15	15.21994532
PSMD13	NM_175932	170.0593965	13.42532806	7.91E-13	12.66705706
ATP8B3	NR_047593	95.47475719	7.180216056	2.56E-07	13.29691982
TMEM68	NM_152417	219.6220179	5.213013383	7.39E-21	42.12957109
PALB2	NM_024675	141.2264215	5.488901285	6.65E-13	25.72945188
ERMP1	NM_024896	213.5846393	6.820346735	2.97E-19	31.31580367
FNTB	NM_002028	90.47035361	8.476038158	8.52E-07	10.67366049
PPP1CC	NM_001244974	201.6703536	11.92007848	1.68E-16	16.91854244
COQ10B	NM_025147	191.8220179	7.41303909	5.71E-17	25.87629926
NOB1	NR_074074	199.7648751	14.56991528	3.36E-15	13.71077808
ZC2HC1A	NM_016010	269.1846393	3.412984573	1.61E-27	78.87074598
ELAC2	NM_173717	134.3165394	11.10584453	2.31E-10	12.09422111
NBPF1	NM_017940	398.8177181	16.3525781	1.03E-32	24.38867532

NR1H2	NM_007121	71.64618576	13.80715133	0.00075628	5.189063556
DCP1B	NM_152640	155.0461858	5.641347417	4.68E-14	27.48389247
TRPM4	NM_001195227	243.2901179	9.792226791	1.26E-20	24.84522908
PPAN	NM_020230	90.47035361	9.879888304	1.08E-06	9.157021904
UFL1	NM_015323	216.8440358	2.295458639	5.91E-24	94.46654021
THAP1	NM_199003	105.3230929	13.84218483	1.69E-06	7.608848903
MRPL42	NR_038161	134.1560679	5.897977225	2.81E-12	22.74611494
KIFAP3	NM_001204516	66.80225365	0.976770125	3.15E-07	68.39096727
CNIH4	NM_001277200	144.1648751	8.621755144	1.65E-11	16.72105884
COA5	NM_001008215	186.8176143	12.67820354	1.47E-14	14.735338
MIR181A2HG	NR_038975	61.79785007	3.533955128	7.31E-06	17.48688023
CDKN2B	NM_078487	211.8396323	6.439405725	1.60E-21	32.89738856
ABCF3	NM_018358	80.62201792	10.5947046	3.97E-05	7.609652273
WASF1	NM_003931	44.87916077	4.684695512	0.002365238	9.579952561
DDX23	NM_004818	129.3121358	10.27941088	6.04E-10	12.57972244
XPA	NR_027302	195.7934465	8.49666637	2.71E-17	23.04356061
PTPN1	NM_002827	119.3033286	7.78465883	1.71E-09	15.32544087
RABIF	NM_002871	219.6220179	14.44189641	1.11E-17	15.20728384
CDC26	NM_139286	100.4791608	12.23766522	2.21E-06	8.210647943
MCAT	NM_173467	169.898925	13.13734809	4.96E-13	12.932513
EXOC2	NR_073064	95.47475719	3.584653379	9.87E-09	26.63430661
FARP2	NM_014808	244.3230929	9.079880359	3.07E-21	26.90818416
ORAOV1	NM_153451	80.78248939	11.23800528	5.32E-05	7.188329905
GJB4	NM_153212	58.69892504	10.99921502	0.001472739	5.336646746
CEP89	NM_032816	86.49892504	4.479295429	4.51E-07	19.31083279
MAPKAPK5	NM_139078	105.4835644	6.011720595	3.98E-09	17.54631851
EMC3	NM_018447	129.3121358	7.354654699	5.78E-11	17.58235309
ZBTB49	NM_145291	182.8461858	7.627459097	2.37E-16	23.97209653
RNF135	NM_001184992	212.5516643	7.042491764	1.10E-19	30.18131528
MOB1A	NM_018221	231.5363036	7.046750957	1.90E-21	32.85717134
PLA2G6	NM_001004426	63.70332862	7.279761503	0.000293756	8.750743907
THUMPD2	NR_028102	206.5142857	3.962325129	2.00E-20	52.11947001
ZNF530	NM_020880	66.64178218	7.312865899	5.19E-05	9.112950121
RPL36AL	NM_001001	171.9648751	24.91820938	2.18E-09	6.901173051
HMCN1	NM_031935	44.87916077	1.747299729	0.000555531	25.68486678
TUBA4A	NM_006000	269.3451108	48.74893589	5.33E-13	5.525148517
FDPS	NM_001135822	92.53630363	17.34295679	8.02E-05	5.335670541
LRRC1	NM_018214	160.0505893	5.177776236	3.00E-14	30.91106723
RABGGTB	NR_073562	211.6791608	25.89006591	6.49E-13	8.176076549
TNPO1	NM_153188	245.3560679	4.314583048	6.52E-24	56.86669261
PCK2	NM_001291556	201.6703536	17.15322976	5.45E-15	11.75699017
PEX13	NM_002618	167.9934465	3.497106184	8.07E-17	48.03784548
TAF12	NM_005644	294.9186893	9.468130386	2.26E-26	31.14856654
RPS3	NM_001260506	267.2791608	26.90832339	3.48E-18	9.932954828
ARL5B	NM_178815	138.1274965	5.976199699	2.49E-12	23.11293187
IPO9	NM_018085	172.9978501	11.34174372	7.64E-14	15.2531969
C6orf7	NM_001243308	45.75166431	3.047849999	0.000465384	15.01112729
SCARB2	NM_001204255	93.56927864	7.058473114	3.79E-07	13.25630588
RPS6KA4	NM_003942	155.0461858	7.055419271	9.66E-14	21.97547443
CNEP1R1	NR_104042	109.4549929	3.702860306	3.64E-11	29.55957932
ARL6IP1	NM_015161	235.5077322	16.6595968	1.09E-17	14.13646051
TRMT61B	NM_017910	121.2088072	5.6022253	2.14E-10	21.63583231
IQCH	NM_001031715	214.6176143	3.276671251	1.11E-20	65.49867163
MRPS27	NM_015084	139.320943	5.607240803	2.53E-12	24.84661313
TMEM256-PLSCR3	NR_037719	195.7934465	27.72316472	1.38E-11	7.062449343
CRYZ	NM_001889	144.0044036	3.567424596	4.22E-14	40.3664884
PPP1CB	NM_206876	77.52309288	5.160184941	2.51E-06	15.02331675
CTU1	NM_145232	132.2505893	10.18110923	3.65E-10	12.98980164
RASD1	NM_001199989	89.4373786	21.11996381	0.001509826	4.234731622
CBLN3	NM_001039771	58.69892504	12.16079389	0.003129176	4.826899094
DSTYK	NM_199462	233.6022537	6.459430302	6.19E-21	36.16452887
SLC25A21-AS1	NR_033240	205.6417822	40.81958421	8.54E-09	5.037821579

LOC727751	NR_102748	43.68571429	5.530861937	0.003893907	7.898536392
ARID1A	NM_139135	65.60880717	7.765412554	0.000173259	8.448850169
FLJ31104	NR_102755	213.5846393	13.5340636	4.70E-17	15.78126464
GALNT5	NM_014568	60.76487506	3.26447555	1.62E-05	18.61397769
ARHGEF18	NM_015318	63.8638001	7.625436907	0.00029983	8.375100453
ALAS1	NM_000688	291.1077322	15.3036461	2.71E-24	19.02211606
HOXB6	NM_018952	146.0703536	29.57914753	5.61E-07	4.938288146
RAB28	NM_001017979	104.2901179	2.978381763	4.71E-10	35.01569851
ZNF649	NM_023074	63.70332862	4.483943619	2.65E-05	14.20698698
LOC730102	NR_037167	101.5121358	3.60951817	2.28E-09	28.12345887
SMARCE1	NM_003079	122.4022537	3.717065155	3.91E-12	32.92981117
ZNF174	NM_001032292	159.1780858	13.76478298	5.25E-12	11.56415514
ZSCAN2	NM_017894	99.28571429	12.40610837	1.14E-06	8.002970097
SAP30	NM_003864	218.5890429	8.005157225	6.55E-21	27.30602745
CLNS1A	NM_001293	196.8264215	4.854814379	1.94E-19	40.54252256
ARF4	NM_001660	186.1055823	10.68553126	9.45E-15	17.41659611
CSTF3-AS1	NR_034027	122.4022537	4.225181522	1.67E-11	28.96970296
DCAF7	NR_073585	220.8154644	12.16292744	1.63E-17	18.15479583
SDHD	NM_001276506	151.2352287	12.41339667	1.36E-11	12.18322693
MRPS28	NM_014018	199.7648751	5.701290652	3.06E-18	35.03853553
CKS2	NM_001827	198.8923715	14.17663645	9.97E-16	14.0295882
FAM46A	NM_017633	272.2835644	7.986394105	1.49E-27	34.0934295
VHL	NM_000551	187.8505893	13.82475346	3.04E-14	13.58798838
RFC5	NM_001206801	139.1604715	13.3944228	9.22E-10	10.38943399
TMEM64	NM_001146273	130.1846393	7.842506881	3.55E-11	16.59987569
PSMB2	NM_002794	181.9736822	9.169210472	5.61E-15	19.84616699
KIAA0825	NM_001145678	93.72975012	1.706636228	1.01E-08	54.92075499
PTPDC1	NM_177995	158.1451108	3.434257931	1.29E-15	46.04928168
MACROD1	NM_014067	106.5165394	8.972526369	5.05E-08	11.87141001
TMEM243	NM_024315	87.53190005	12.27245542	1.84E-05	7.13238688
PLAU	NM_001145031	71.80665724	10.95122647	0.000208778	6.556951171
C14orf28	NM_001017923	161.0835644	1.046893885	2.46E-22	153.8680918
LYRM9	NM_001076680	127.2461858	5.821896592	1.12E-11	21.85648332
SKA3	NM_145061	152.9802357	4.800717884	2.75E-15	31.86611657
ANKRD16	NM_019046	255.3648751	8.771295572	5.38E-23	29.11370082
UBL7-AS1	NR_038449	121.2088072	6.186948715	2.54E-10	19.59104766
TRIM2	NM_015271	49.88356436	5.671215902	0.001413133	8.795920526
COQ10A	NM_144576	180.9407072	26.74333087	5.00E-10	6.765825397
RICTOR	NM_001285439	122.2417822	2.6251786	8.24E-12	46.56512976
PYROXD2	NM_032709	237.5736822	14.12437811	1.56E-18	16.82011628
RALGAPA1	NM_194301	120.1758322	2.298578983	2.47E-11	52.28266379
WBSR22	NM_001202560	161.9560679	15.62855663	2.97E-11	10.36282951
LSM10	NM_032881	232.5692786	15.30462554	1.57E-18	15.19601235
ZNF805	NM_001145078	172.9978501	5.991530929	2.63E-16	28.87373063
GOLGA5	NM_005113	137.2549929	6.055957122	2.17E-12	22.66445917
RABEPK	NM_001174152	220.4945215	8.167314262	3.77E-19	26.99718835
NRD1	NM_001101662	94.60225365	6.623336344	7.69E-08	14.28317222
MFAP3	NM_001135037	168.153918	6.751672068	9.56E-16	24.90552211
MRM1	NM_024864	92.69677511	10.3885619	2.60E-06	8.922965083
CCDC117	NM_001284265	50.75606789	7.807020983	0.002032433	6.50133617
PIK3C3	NM_002647	89.59785007	2.835772347	2.74E-08	31.59557224
KGFLP1	NR_047527	56.79344649	1.572740224	2.23E-05	36.11114258
CDH24	NM_022478	112.3934465	11.90924628	5.64E-08	9.437494522
CCT6B	NM_001193530	232.4088072	3.488111093	2.03E-24	66.62884322
BUB3	NM_004725	105.4835644	12.45915407	2.47E-07	8.466350423
BET1L	NM_016526	213.5846393	27.17946468	1.04E-12	7.858309272
CDKN1B	NM_004064	67.83522867	12.94843131	0.000997185	5.238876202
CDK5RAP3	NM_001278216	102.5451108	20.13059528	2.66E-05	5.093992967
CEBPZOS	NR_037880	169.186893	19.63732648	5.75E-11	8.615576726
ATP5O	NM_001697	198.7319	11.38949131	1.73E-16	17.44870729
ZFP41	NM_001271156	140.032975	29.81363184	1.10E-06	4.69694453
MERTK	NM_006343	144.0044036	6.547728444	1.78E-12	21.99303237

METAP2	NM_006838	229.4703536	5.213597239	1.55E-22	44.01382444
PANK3	NM_024594	86.65939651	7.861501928	1.57E-06	11.02326213
CSAD	NM_001244705	108.2615464	10.09372989	5.67E-08	10.72562349
EIF4A3	NM_014740	324.0726073	15.99806375	7.10E-27	20.25698936
TMEM106B	NM_018374	166.9604715	4.627415535	1.75E-16	36.08071724
TMEM86A	NM_153347	94.60225365	12.76390121	4.76E-06	7.411703687
CSPG4	NM_001897	113.4264215	11.07143903	2.67E-08	10.24495742
OXCT1	NM_000436	165.0549929	3.238453902	3.97E-16	50.96722014
CCDC125	NM_001297696	215.6505893	7.202624948	4.21E-19	29.94055513
EIF1B	NM_005875	137.0945215	3.895332777	4.24E-14	35.19455957
ZNF620	NM_001256168	112.232975	7.43779842	6.23E-09	15.08954245
SP5	NM_001003845	53.85499293	5.666252187	0.000408166	9.504517474
LOC101928388	NR_120334	209.6132108	8.134150917	2.46E-18	25.76952566
PGAP3	NM_001291733	113.26595	7.815299869	6.84E-09	14.49284761
COG7	NM_153603	157.9846393	5.661150435	2.80E-14	27.90680819
EXOC7	NM_001282313	108.4220179	18.81792572	4.73E-06	5.761634918
SLC16A1	NM_003051	151.0747572	7.042999333	7.60E-13	21.45034382
CD99	NM_002414	53.69452145	10.88216005	0.004668884	4.934178619
ZNF484	NM_001261459	167.9934465	4.927692733	2.49E-16	34.0917049
TLE6	NM_001143986	77.52309288	6.181641063	6.73E-06	12.54085963
FGFR1OP2	NM_001171887	165.9274965	4.796911497	2.75E-16	34.59048526
NISCH	NM_007184	111.2	11.6248652	5.00E-08	9.565702317
HMG3-AS1	NR_040671	143.1319	28.92294325	2.00E-06	4.948732182
ZFYVE1	NM_021260	89.4373786	7.287987981	1.35E-06	12.27188887
TMEM198B	NR_036477	143.1319	28.64848361	5.82E-07	4.996142274
C18orf8	NR_075076	142.098925	10.19404003	3.25E-11	13.93941211
SERPINI1	NM_005025	141.2264215	2.71237207	7.32E-14	52.06749586
ARSD	NM_001669	71.48571429	5.809952523	6.48E-06	12.30401006
EEF1DP3	NR_027062	41.78023574	3.672727251	0.00097999	11.37580683
BBIP1	NM_001195307	67.67475719	10.5064968	0.000261763	6.441229509
SRP68	NR_048541	270.3780858	15.24347183	1.03E-21	17.73730347
SMC2	NM_001042550	101.3516643	2.335250146	4.56E-10	43.40077421
SELK	NM_021237	81.49452145	9.352310104	1.38E-05	8.713838672
ZFYVE16	NM_014733	273.3165394	3.524579194	2.56E-27	77.54586415
USE1	NM_018467	125.3407072	7.903821772	1.35E-10	15.85824059
HELB	NM_033647	162.1165394	2.876904358	2.46E-17	56.35103542
NBEAL1	NM_001114132	120.3363036	2.308593787	2.04E-11	52.12536926
CARKD	NM_001242883	95.47475719	8.038410204	2.35E-07	11.87731837
CCNT1	NM_001277842	56.79344649	9.263866412	0.000804766	6.130641782
TMEM9B-AS1	NR_073431	203.7363036	12.80498634	1.04E-16	15.91070059
METTTL20	NM_001135863	115.3319	9.736329107	1.55E-08	11.84552194
NEDD8	NM_006156	160.0505893	8.990563733	9.96E-14	17.80206382
RGS9	NM_001081955	66.80225365	10.43791336	0.000610561	6.399962459
LOC143666	NR_026967	127.4066572	24.03146178	2.94E-06	5.30166073
DCAF11	NM_181357	72.67916077	10.31659075	9.21E-05	7.044881644
BUD31	NM_003910	201.8308251	18.35487104	4.10E-14	10.99603613
CDC42	NM_001039802	124.1472607	7.291346416	5.16E-10	17.02665786
LOC100129434	NR_125368	53.85499293	7.596305434	0.000973871	7.089629742
LAMP2	NM_013995	140.032975	1.306467502	1.82E-16	107.1844304
ABHD4	NM_022060	70.9341537	5.767875833	1.89E-05	12.2981416
PIGV	NM_017837	150.2022537	16.93676743	8.74E-10	8.868413305
ARMC10	NM_001161010	79.5890429	6.438477483	4.98E-06	12.36146948
NPEPPS	NM_006310	92.37583215	7.742038724	8.77E-07	11.93171921
UVRAG	NM_003369	167.120943	3.59067387	1.00E-15	46.54305821
HAUS5	NM_015302	147.2638001	11.0563301	1.05E-11	13.31941057
SPIN1	NM_006717	47.65714286	5.620810611	0.001367876	8.478695717
PUM1	NM_014676	211.5186893	6.928180564	4.10E-18	30.53019293
HSPB11	NM_016126	196.8264215	5.992181828	9.46E-19	32.84720443
ACADM	NM_001286043	121.2088072	7.628773287	1.01E-09	15.88837453
LRR6	NM_012472	80.62201792	3.723953841	2.11E-07	21.64957499
KIF16B	NM_001199865	99.44618576	3.474020791	2.96E-09	28.62567375
NPHP3-ACAD11	NR_037804	58.69892504	4.78481748	0.000135772	12.2677459

TGDS	NM_014305	191.8220179	5.486874095	1.95E-18	34.96016395
SPOPL	NM_001001664	71.64618576	3.672555313	1.33E-06	19.50853824
RIMS2	NM_001100117	29.86595002	0.717646563	0.003753467	41.61651646
C8orf37	NM_177965	235.5077322	10.16543665	6.17E-20	23.16749789
C2orf70	NM_001105519	48.85058935	6.671611799	0.003487778	7.322157047
MRPL44	NM_022915	160.0505893	8.057809847	8.79E-14	19.86279056
LOC100507283	NR_103862	294.0461858	7.249997532	2.23E-27	40.55810839
UBXN1	NM_001286077	114.4593965	24.61309999	4.96E-05	4.650344595
CCNH	NM_001199189	155.9186893	7.321807909	1.92E-13	21.29510788
EGFR	NM_201284	56.63297501	6.724065605	0.000251725	8.422430467
SECISBP2	NM_024077	244.4835644	7.317055257	1.06E-22	33.4128356
CALM2	NM_001743	244.3230929	8.156843714	1.27E-22	29.95314137
TBC1D7	NM_001258457	258.3033286	7.654649058	4.61E-24	33.74463371
RPIA	NM_144563	106.3560679	4.971203647	3.83E-09	21.39442989
COA4	NM_016565	157.9846393	22.07281667	5.05E-09	7.157429959
C5orf51	NM_175921	164.0220179	2.255673658	9.14E-19	72.71531381
REEP3	NM_001001330	76.49011787	3.477098498	4.00E-07	21.99826031
NECAP2	NM_001145278	165.9274965	12.86732214	7.63E-13	12.89526248
ARFGEF1	NM_006421	167.9934465	5.776763546	5.34E-15	29.08089368
WDFY3-AS2	NR_015359	116.2044036	1.275615651	4.55E-13	91.09672139
SRRT	NM_015908	93.40880717	19.74472529	0.000146585	4.730823337
ZFC3H1	NM_144982	168.86595	4.965238498	1.03E-15	34.00963521
REEP4	NM_025232	199.7648751	32.06961277	8.74E-11	6.229101564
KIAA0319L	NM_024874	205.6417822	6.389849224	1.14E-18	32.18257192
KIAA1033	NM_001293640	238.6066572	3.113153911	4.06E-24	76.644671
SH2D3A	NM_005490	135.1890429	14.34687763	3.59E-09	9.422889526
LOC642366	NR_046243	146.0703536	5.936664439	1.98E-13	24.60478525
SRPK1	NM_003137	190.7890429	5.185925731	1.29E-17	36.78977541
RIOK1	NM_031480	153.1407072	4.808852614	5.60E-15	31.84558137
TACC1	NM_006283	159.0176143	6.084777342	1.64E-14	26.13367843
SCRN1	NM_001145514	82.52749646	7.059990675	4.81E-06	11.68946253
ZNF778	NM_182531	263.4682037	12.41326908	1.28E-22	21.22472349
KCTD13	NM_178863	139.320943	12.28142202	2.60E-10	11.34404003
XK	NM_021083	53.85499293	2.073903906	4.57E-05	25.96793071
IFNAR1	NM_000629	128.2791608	6.605556786	9.97E-11	19.41988616
GTF2IRD2	NM_001281447	56.79344649	7.677206039	0.000680874	7.397671262
NKAPP1	NR_027131	93.40880717	2.769986807	3.58E-10	33.72175164
TTC5	NM_138376	47.97808581	4.615180761	0.000820313	10.39571109
BBS5	NM_152384	75.61761433	3.183001267	2.60E-07	23.75670255
NR1D2	NM_001145425	138.1274965	4.221429591	5.97E-13	32.72054963
SYN2	NM_133625	269.1846393	4.936979226	9.24E-25	54.5241588
TBCB	NM_001281	113.26595	13.36875252	1.58E-07	8.472439731
AKIRIN1	NM_001136275	172.8373786	11.62049614	7.32E-14	14.87349391
NINL	NM_025176	108.4220179	6.14575305	3.62E-09	17.64177913
FAM84B	NM_174911	231.6967751	13.94114488	3.30E-19	16.61963756
COMMD10	NM_016144	191.9824894	2.560654863	1.17E-18	74.97398115
SYNM	NM_145728	156.0791608	5.458129152	4.76E-14	28.5957251
L3MBTL3	NM_001007102	82.52749646	3.073114861	1.08E-07	26.85467358
MB21D2	NM_178496	123.2747572	5.193375401	1.31E-10	23.736924
LONP2	NM_001300948	78.55606789	5.347598479	3.33E-06	14.68997125
METTL5	NM_001293187	233.6022537	8.628028913	8.76E-22	27.07481118
SLC39A11	NM_001159770	137.2549929	9.047307491	7.60E-11	15.1708111
MORN2	NM_001145450	54.88796794	2.735350595	3.92E-05	20.06615461
VPS39	NM_001301138	172.9978501	6.858530358	4.15E-15	25.22374926
TFG	NM_001195478	176.9692786	4.803799366	4.53E-17	36.83944003
COPS6	NM_006833	170.9319	34.96248135	6.90E-08	4.889009403
GTF2E2	NM_002095	123.2747572	4.130910182	7.88E-11	29.84203281
NPHP1	NM_001128179	104.2901179	1.356285553	1.03E-10	76.8939237
ATG16L2	NM_033388	240.5121358	25.42937451	1.70E-15	9.458043717
AHSA1	NM_012111	233.6022537	11.75106797	1.94E-20	19.87923602
GPHN	NM_020806	91.50332862	2.479655407	2.23E-08	36.90163091
TRMT12	NM_017956	157.1121358	22.72965858	1.08E-08	6.912208349

CTC-436P18.1	NR_109908	199.7648751	7.689446375	2.44E-17	25.97909723
RRP7A	NM_015703	137.2549929	27.29522083	1.20E-06	5.028535719
SQSTM1	NM_003900	217.8770108	25.41326622	6.89E-14	8.573357277
VCP	NM_007126	188.8835644	22.31125494	5.13E-12	8.465842232
RUVBL2	NM_006666	110.3274965	15.96187425	7.28E-07	6.911938708
LOC100131564	NR_034089	190.9495144	5.345273794	1.31E-17	35.72305587
PRKAA2	NM_006252	43.84618576	3.396474312	0.000910273	12.90932353
GATAD1	NM_021167	218.4285714	7.615724135	3.27E-20	28.68126098
FOXO3	NM_001455	94.44178218	5.691762307	8.14E-08	16.59271366
SMEK1	NM_001284280	205.6417822	6.052616338	2.12E-18	33.97568435
METTL1	NM_005371	165.0549929	16.17250925	2.62E-11	10.20589881
RARS2	NM_020320	138.2879679	4.183578498	2.63E-12	33.05494757
EIF4A2	NM_001967	299.0505893	44.75204956	4.48E-16	6.682388679
TRMT13	NM_019083	114.298925	1.865212454	1.58E-13	61.27930616
UBA5	NM_024818	304.9274965	2.121428351	3.95E-39	143.736882
PEX3	NM_003630	173.8703536	2.733824497	7.51E-19	63.5996765
ENPP1	NM_006208	46.78463932	3.3143916	0.000498787	14.115604
RAD51AP2	NM_001099218	129.1516643	2.679888003	1.71E-14	48.1929335
FAM120C	NM_017848	89.4373786	3.109196139	2.74E-08	28.76543473
TSEN2	NM_001145395	102.5451108	6.00323947	7.06E-09	17.08162923
CMTR1	NM_015050	130.1846393	8.367173987	1.02E-10	15.55897362
LYAR	NM_001145725	154.0132108	8.432924341	9.85E-13	18.26332178
LOC101928222	NR_110235	149.0088072	6.992966665	6.62E-13	21.30838231
FAM72B	NM_001100910	73.71213579	4.543674153	1.64E-06	16.22302421
SEMA6A	NM_001300780	133.1230929	4.665111014	9.87E-12	28.5358896
SMEK2	NM_001122964	108.4220179	3.813010789	1.81E-09	28.43475246
TTF1	NM_007344	62.67035361	5.778582678	5.14E-05	10.84528112
CCDC22	NM_014008	128.1186893	5.381922197	8.59E-12	23.80537745
CMBL	NM_138809	100.3186893	8.316789993	8.05E-08	12.06218858
CPT2	NM_000098	100.4791608	16.48309743	6.36E-06	6.095890727
NPLOC4	NM_017921	90.47035361	15.88139578	5.09E-05	5.696624834
ARPC1A	NM_006409	165.9274965	6.534704425	1.84E-14	25.39173705
ENTPD7	NM_020354	185.9451108	8.053272559	4.21E-16	23.08938502
PPP2R5D	NM_001270476	177.8417822	14.55063154	7.84E-13	12.22227239
ZNF212	NM_012256	119.4638001	8.174030336	1.69E-09	14.61504242
UQCRC1	NM_003365	182.8461858	16.13035699	6.37E-13	11.33553249
VWDE	NM_001135924	126.3736822	2.181811257	1.21E-12	57.92145486
KIF5A	NM_004984	152.1077322	5.954950644	3.43E-13	25.54307186
KIF20B	NM_001284259	155.2066572	2.62461853	1.21E-15	59.13493922
SOAT1	NM_003101	183.8791608	4.723079625	4.24E-17	38.9320476
SCRN3	NM_001193528	139.1604715	2.332957907	2.96E-15	59.64979953
CRAT	NM_001257363	118.4308251	11.09024827	2.71E-08	10.67882542
LRBA	NM_006726	263.1472607	3.476112247	6.15E-25	75.70160053
MINPP1	NM_004897	107.5495144	6.148217182	2.01E-09	17.49279689
ECSIT	NM_001142464	97.54070721	11.45432229	7.67E-07	8.515624474
LRRC42	NM_052940	85.46595002	5.328872021	1.68E-07	16.03828159
HMGN1	NM_004965	44.7186893	3.646609528	0.000637753	12.26308684
PFAS	NM_012393	74.7451108	7.673290052	1.79E-05	9.74094688
TNFRSF18	NM_004195	75.61761433	17.77798824	0.001658095	4.253440451
BAG3	NM_004281	260.3692786	13.24931496	3.90E-21	19.6515276
CTTNBP2	NM_033427	71.64618576	4.09602187	1.77E-06	17.49165118
PARD6A	NM_016948	58.69892504	12.42989711	0.004046095	4.722398305
ENO4	NM_001242699	125.3407072	15.44664208	5.16E-08	8.114430732
CBY1	NM_015373	127.2461858	11.8047682	2.53E-09	10.77921934
GMPPA	NM_013335	166.0879679	16.75445814	1.65E-11	9.91306114
ZNF274	NM_016324	84.43297501	5.750537264	2.61E-07	14.68262375
GLTP	NM_016433	76.49011787	10.62273227	5.41E-05	7.200606766
VPS13A	NM_001018038	160.9230929	2.558023021	1.86E-15	62.90916522
C4orf3	NM_001001701	113.26595	25.96824138	2.50E-05	4.361710459
MMS22L	NM_198468	119.3033286	3.206928993	1.99E-11	37.20173689
CHD1L	NM_001256338	133.2835644	4.176588512	3.02E-12	31.91206507
C5orf45	NM_001017987	224.786893	17.09413961	7.03E-17	13.14993899

SMCHD1	NM_015295	113.26595	4.325718153	9.17E-10	26.18431114
BCAT2	NM_001190	179.9077322	13.62101718	1.07E-13	13.20809818
PSMD11	NM_002815	223.5934465	10.48260898	6.26E-19	21.32994246
TBC1D22B	NM_017772	176.8088072	5.050801191	2.65E-16	35.00609121
DGCR6L	NM_033257	172.8373786	18.8084036	3.15E-11	9.189369936
SLC35E2	NM_182838	168.153918	19.28582401	8.12E-11	8.719042438
RAB11FIP2	NM_014904	81.49452145	3.849102663	4.74E-07	21.17234291
GAK	NM_005255	163.1495144	8.061981075	1.43E-13	20.23690119
GATA6	NM_005257	139.1604715	7.175202911	7.06E-12	19.39463918
NDUFA10	NM_004544	57.66595002	9.437947413	0.000927846	6.110009677
SP100	NM_001080391	98.41321075	3.068146043	3.89E-09	32.07579085
USP4	NM_001251877	180.9407072	7.553530416	3.35E-16	23.95445537
RWDD1	NM_015952	179.0352287	2.508320341	4.83E-20	71.3765406
TRA2A	NM_001282758	285.2308251	10.63186783	4.56E-25	26.827913
LDLR	NM_001195799	135.1890429	15.68034876	1.09E-08	8.621558421
LAP3	NM_015907	132.2505893	10.41921702	4.86E-10	12.69294891
RAP1GDS1	NM_001100429	135.0285714	1.533576912	3.79E-13	88.04812488
TBC1D8	NM_001102426	144.0044036	9.690144055	1.12E-10	14.86091463
SLC25A20	NM_000387	55.92094295	7.417357666	0.000835407	7.539200005
DNAL1	NM_001201366	115.4923715	3.626407635	3.52E-11	31.84759772
ZFAS1	NR_036659	257.4308251	53.80466212	1.50E-11	4.784544962
MAPK1IP1L	NM_144578	231.5363036	9.849641485	3.20E-20	23.50707932
GTF2IRD1P1	NR_003934	213.9055823	9.672635034	2.76E-18	22.1145098
DPF2	NM_006268	151.0747572	12.01013658	1.75E-11	12.57893748
RIMKLA	NM_173642	68.54726073	9.284051966	8.85E-05	7.383334451
SLC38A10	NM_001037984	309.0593965	17.65947143	8.09E-24	17.5010559
LYRM1	NM_001128301	149.3297501	11.95703784	4.97E-11	12.4888582
LARP6	NM_197958	78.55606789	14.46085507	0.000608928	5.432325234
SNX19	NM_014758	154.8857143	9.306181333	3.60E-12	16.64331574
WDR87	NM_031951	81.49452145	4.611785893	2.84E-07	17.67092474
ZNF511	NM_145806	58.69892504	7.516946521	0.000331444	7.808878894
ARID4A	NM_023001	114.4593965	2.742026941	3.35E-11	41.74262287
TTC17	NM_018259	191.8220179	4.514645732	2.08E-17	42.48883065
PYCR1	NM_001282281	160.0505893	31.7959964	9.46E-08	5.033671136
MYBL1	NM_001080416	221.6879679	2.684677497	3.36E-24	82.57526955
RBM25	NM_021239	212.5516643	6.425870198	9.94E-19	33.0774911
SLC27A6	NM_014031	92.53630363	1.960746826	5.68E-09	47.19441714
LINC00659	NR_046224	189.7560679	36.71840663	7.78E-09	5.167873155
SPATA5	NM_145207	64.73630363	2.403964249	6.78E-06	26.92897935
BBS2	NM_031885	204.7692786	5.53721262	4.16E-19	36.98056995
CHMP4C	NM_152284	251.553918	4.737073955	1.99E-25	53.10322794
PPP2R2A	NM_002717	55.6	5.603854925	0.000417132	9.921741505
MSMO1	NM_001017369	183.8791608	5.516703849	3.19E-18	33.33134528
CEP164	NM_014956	151.0747572	9.826569753	1.44E-11	15.37410928
ART5	NM_001297668	76.49011787	13.79840531	0.000337758	5.543402744
MTFP1	NM_016498	108.2615464	22.99734392	4.16E-05	4.707567396
DRAM2	NM_178454	130.3451108	6.498295181	2.23E-11	20.05835487
RAB11A	NM_004663	166.0879679	5.902225942	2.58E-15	28.13988647
LOC284930	NR_122046	58.69892504	2.642528165	2.30E-05	22.21316912
N4BP2L2	NM_033111	86.49892504	5.700130098	5.14E-07	15.17490365
TRIM68	NM_018073	182.8461858	9.664409706	1.94E-15	18.91953997
TM9SF4	NM_014742	94.60225365	10.78936126	2.11E-06	8.768105119
HOGA1	NM_138413	96.5077322	9.996809982	8.04E-07	9.653852816
FNBP1L	NM_017737	105.4835644	3.437580299	4.89E-10	30.68541101
SLC35B4	NM_032826	60.76487506	6.418285708	9.64E-05	9.467461847
PPAP2B	NM_003713	71.64618576	6.801479086	1.14E-05	10.53391253
PFKFB4	NM_004567	109.4549929	9.005984985	1.53E-08	12.15358377
PRMT5-AS1	NR_120600	83.56047148	19.37238227	0.001039316	4.313381303
LIN52	NM_001024674	83.72094295	3.376821539	1.09E-07	24.79282425
SEC24A	NM_001252231	156.0791608	4.925072085	1.07E-14	31.69073631
PTPN14	NM_005401	157.9846393	5.303269059	8.13E-14	29.79004791
WDR24	NM_032259	188.8835644	21.22513228	2.92E-12	8.899052401

MRPS33	NM_016071	89.59785007	4.964467839	7.30E-08	18.04782566
SETD7	NM_030648	151.2352287	5.648689374	7.24E-14	26.77350774
ZSCAN9	NM_006299	123.4352287	6.721178054	6.92E-11	18.36511809
ZNF845	NM_138374	47.81761433	2.69614486	0.000129736	17.73555088
ZNF197	NM_006991	166.9604715	6.5746932	2.58E-15	25.39441254
TEX9	NM_001286449	123.4352287	1.738943825	1.93E-12	70.982873
PPP2R5B	NM_006244	89.59785007	14.265633	3.57E-05	6.280678191
LMAN2L	NR_024519	111.3604715	7.609999495	6.14E-09	14.63344006
TFCP2	NM_005653	108.4220179	4.608850696	2.37E-09	23.52474078
IMMP1L	NM_144981	85.6264215	2.414546767	3.43E-08	35.46273059
IRF5	NM_001242452	112.3934465	19.12166238	5.41E-06	5.877807287
THOC2	NM_001081550	82.52749646	2.295701377	9.67E-08	35.94870713
PVRL3	NM_015480	41.78023574	2.723641939	0.000859148	15.33984153
SERINC1	NM_020755	177.8417822	3.316272272	2.46E-18	53.62701479
CHMP4B	NM_176812	82.52749646	9.139587607	4.45E-06	9.029673987
UBE2T	NM_014176	176.9692786	12.03058139	3.06E-14	14.70995232
GLTSCR1	NM_015711	118.2703536	7.894580187	3.62E-09	14.98120873
ARMCX6	NM_001009584	53.69452145	8.977058682	0.002797541	5.981304496
C5orf56	NR_045116	57.8264215	7.614711271	0.000901351	7.594039937
GNAI3	NM_006496	199.7648751	5.221291106	3.49E-19	38.25967007
ZNF45	NM_003425	98.57368223	5.050092169	4.61E-09	19.51918479
ZNF799	NM_001080821	157.9846393	4.377067224	2.54E-16	36.09372012
RHOB	NM_004040	237.5736822	25.58161368	1.39E-14	9.286891953
ZNF8	NM_021089	103.5780858	10.47292444	1.49E-07	9.890082413
SMIM20	NM_001145432	169.898925	7.745180719	6.74E-15	21.93608273
MRC2	NM_006039	74.7451108	8.877428147	2.99E-05	8.419680741
LOC414300	NR_121211	165.0549929	4.568185361	7.49E-18	36.13141322
CACYBP	NM_014412	80.62201792	15.50268622	0.000240952	5.200519236
RBBP4	NM_001135255	160.0505893	11.51014845	6.37E-12	13.9051716
TERF2IP	NM_018975	214.6176143	11.21210708	1.01E-18	19.14159513
SURF2	NM_017503	162.9890429	39.07588314	1.15E-06	4.171090447
NDUFB6	NM_182739	145.0373786	7.572528325	4.41E-12	19.1530982
SETD3	NM_199123	53.69452145	7.153306007	0.001570701	7.506252549
LOC100506639	NR_102752	89.59785007	6.152820943	7.24E-07	14.56207663
SNX16	NM_152836	131.2176143	5.283744324	6.19E-12	24.83420966
SLC25A30	NM_001286807	157.1121358	7.985927885	5.73E-13	19.67362316
GGNBP2	NM_024835	232.4088072	10.1943461	1.21E-19	22.7978141
SNHG21	NR_110097	203.7363036	8.676746152	2.17E-18	23.48072654
SCOC	NM_001153484	100.4791608	6.339541547	6.72E-09	15.84959418
BCL2L2	NM_001199839	118.2703536	15.21655447	2.59E-07	7.772479234
ATP6V1A	NM_001690	179.9077322	3.35249359	3.47E-17	53.66385568
ITPR3	NM_002224	105.3230929	12.33467088	2.26E-07	8.538784204
BRD8	NM_006696	161.9560679	10.23150145	1.85E-13	15.82915946
WASH2P	NR_024077	105.6440358	10.48120619	6.91E-08	10.07937769
DCTN3	NM_001281426	135.1890429	17.97732073	1.81E-08	7.519977248
HINT1	NM_005340	178.8747572	7.201043626	4.68E-17	24.84011575
FYTTD1	NM_001011537	104.2901179	7.760423211	2.34E-08	13.43871526
RABEP2	NM_024816	57.66595002	9.99154977	0.002355211	5.771472029
SPRYD7	NM_001127482	67.83522867	8.350978568	6.92E-05	8.123027513
E2F4	NM_001950	93.56927864	21.60728834	0.000239299	4.330449853
C7orf55-LUC7L2	NM_001244584	57.8264215	8.831042134	0.000938405	6.548085789
PHB	NM_001281496	208.7407072	12.80537473	1.04E-16	16.30102293
VAPA	NM_194434	178.8747572	3.872218099	1.80E-17	46.19439108
WAPAL	NM_015045	132.2505893	6.28438719	1.72E-11	21.04430955
LDB1	NM_001113407	127.2461858	25.62696174	2.27E-06	4.965324686
NAPEPLD	NM_198990	140.1934465	6.682927993	1.17E-11	20.97784783
VRK3	NM_016440	68.86820368	10.5408193	0.000330009	6.533477305
LOC100507501	NR_039999	267.2791608	19.33579566	3.78E-20	13.82302365
RHOA	NM_001664	101.3516643	8.688088879	1.19E-07	11.66558788
POLR2D	NM_004805	200.7978501	11.81089755	1.67E-16	17.0010661
NDFIP2	NM_001161407	167.9934465	3.48481151	6.90E-17	48.20732656
POLR2M	NM_001018102	58.14736445	8.432621131	0.001711527	6.895526734

NEURL1B	NM_001142651	52.82201792	7.551116667	0.002626065	6.995259144
HERC1	NM_003922	106.3560679	4.022297167	7.73E-10	26.44162365
VGLL4	NM_001284390	105.6440358	7.773384257	4.90E-08	13.59048161
ZNF335	NM_022095	127.2461858	18.38329881	9.59E-08	6.921836342
PCYT1A	NM_005017	164.8945215	6.277614695	2.56E-14	26.26706631
MYBBP1A	NM_014520	103.4176143	7.619033874	1.77E-08	13.57358637
RP9P	NR_003500	51.7890429	5.371656303	0.000576412	9.641168382
EID2	NM_153232	160.0505893	18.27119275	3.11E-09	8.759723109
PARG	NM_003631	124.3077322	1.787343417	6.53E-12	69.54887963
PTGES	NM_004878	150.2022537	11.88944752	9.65E-12	12.63324081
TMEM214	NM_001083590	221.5274965	11.82794907	4.75E-19	18.72915543
VCPKMT	NM_024558	109.2945215	7.130835838	3.88E-09	15.32702813
LZTR1	NM_006767	136.3824894	21.34325076	5.07E-08	6.389958631
DLG1	NM_004087	223.5934465	3.336948072	1.62E-21	67.00537186
LRIG3	NM_153377	82.68796794	3.837013996	5.37E-07	21.55008244
ITGAX	NM_001286375	47.65714286	7.175959809	0.004099079	6.641222098
ESRRA	NM_001282450	174.9033286	25.79837675	7.00E-10	6.779625334
RBM18	NR_027125	162.9890429	6.935718587	1.30E-14	23.49995042
TMEM52	NM_178545	176.9692786	20.41382537	2.20E-10	8.669089476
ZNF333	NM_032433	127.2461858	8.65723438	7.48E-10	14.69824891
PSAP	NM_002778	288.0088072	9.866845127	5.85E-26	29.18955385
ETFB	NM_001985	116.2044036	9.507405237	6.84E-09	12.22251505
DPH6	NM_001141972	185.9451108	3.741009981	2.63E-19	49.70452144
SEPSECS-AS1	NR_037934	141.2264215	4.267906289	3.72E-13	33.09032859
HNRNPF	NM_001098207	80.62201792	17.19179801	0.000648503	4.689562889
ACER2	NM_001010887	176.8088072	6.031137423	1.19E-15	29.3159971
TESK2	NM_007170	125.3407072	5.324491948	7.83E-11	23.54040694
ZNF204P	NR_024553	55.76047148	4.992201725	0.000123655	11.16951489
NEDD9	NM_182966	82.52749646	4.283321925	4.11E-07	19.26717111
TBC1D2	NM_001267571	76.65058935	7.856570557	1.54E-05	9.75624018
TSTD1	NM_001113205	204.7692786	42.49492402	6.27E-08	4.818676192
SAMD13	NM_001010971	61.79785007	7.097574158	0.000277609	8.706897413
CHKB-CPT1B	NR_027928	135.1890429	19.6376043	6.91E-08	6.884192228
RPP38	NM_006414	247.4220179	30.88651676	6.90E-15	8.010680512
LIPE-AS1	NR_073180	219.6220179	6.707561035	9.93E-20	32.74245538
NDUFA4	NM_002489	206.8352287	7.587894741	2.74E-19	27.25857906
UGDH	NM_001184701	200.7978501	4.909501787	4.17E-19	40.89984254
TVP23C-CDRT4	NM_001204478	177.8417822	6.626227417	7.79E-16	26.8390701
LOC653160	NR_037869	46.78463932	4.920894491	0.001192953	9.50734453
LOC100996579	NR_110164	95.47475719	6.710417639	1.16E-07	14.22784129
LOC101927151	NR_110689	145.1978501	9.313793848	1.52E-11	15.58954948
ASUN	NM_018164	78.55606789	5.643081497	2.04E-06	13.92077501
MRPS36	NM_033281	131.2176143	8.431843771	5.85E-11	15.56214962
COMMD4	NR_104313	140.1934465	16.88041547	3.38E-09	8.305094547
LOC101926911	NR_110104	95.47475719	5.06972866	1.57E-08	18.83232094
POLR1C	NM_203290	183.8791608	30.10908347	1.63E-09	6.10709924
KLHDC1	NM_172193	72.67916077	1.936154327	7.63E-07	37.53789652
TPP1	NM_000391	129.3121358	13.63040174	8.29E-09	9.487037743
DLEU1	NR_109974	93.40880717	4.54741176	9.95E-08	20.54109285
RAB18	NM_001256412	85.6264215	4.721536063	2.67E-07	18.1352891
ZNF225	NM_013362	47.81761433	2.42092413	0.000111831	19.75180211
TUBGCP4	NM_014444	292.1407072	8.736169386	1.82E-26	33.44036663
EDC4	NM_014329	215.6505893	12.68103996	3.13E-17	17.00574953
PSME3	NM_005789	179.9077322	17.08921575	1.47E-12	10.5275593
SNRNP40	NM_004814	204.6088072	9.504153051	2.33E-17	21.52835777
ABCG2	NM_004827	57.66595002	3.605193013	3.61E-05	15.99524625
PMAIP1	NM_021127	284.0373786	16.24398297	2.38E-23	17.48569788
LOC100507642	NR_108065	66.64178218	9.292136508	0.000168194	7.17184709
SNAPC1	NM_003082	255.3648751	5.342439121	9.35E-25	47.79930464
HSPD1	NM_002156	269.1846393	20.18389843	3.65E-20	13.33660295
ZNF816-ZNF321P	NM_001202473	66.64178218	7.052664806	0.000139124	9.449163403
OMA1	NM_145243	62.67035361	2.226175475	7.47E-06	28.15157849

C10orf32	NM_001136200	127.4066572	7.152546238	4.86E-11	17.81276947
DCK	NM_000788	217.5560679	3.291626241	1.58E-22	66.09379436
PTGES2-AS1	NR_024425	196.66595	15.35694395	6.54E-14	12.80632075
HMGCL	NM_000191	173.8703536	12.72921516	1.55E-13	13.65915741
PIM2	NM_006875	119.3033286	16.31508404	2.51E-07	7.31245566
RAB2A	NM_001242644	175.7758322	4.2464999	3.60E-16	41.39310875
RALBP1	NM_006788	52.66154644	4.137888357	0.000686415	12.72667165
SYTL1	NM_001193308	116.3648751	23.85120558	6.15E-06	4.878783785
AVL9	NM_015060	190.7890429	4.567119537	1.02E-17	41.77447981
VPS33B	NM_001289149	91.50332862	13.79534627	1.12E-05	6.632912785
STK17A	NM_004760	180.7802357	6.754555043	8.17E-16	26.7641961
NABP1	NM_001254736	281.098925	10.39267294	1.07E-25	27.04779864
LUC7L	NM_018032	188.7230929	6.230197178	6.60E-17	30.29167256
TRPC4AP	NM_015638	171.9648751	6.109488873	1.81E-15	28.1471787
GSS	NM_000178	207.7077322	9.361144147	4.61E-18	22.18828478
DZIP3	NM_014648	170.9319	3.780875754	1.12E-15	45.20960517
ALKBH2	NM_001001655	108.4220179	15.1081868	6.68E-07	7.176375257
C8orf59	NM_001293320	123.4352287	13.24379603	2.62E-08	9.320230273
CYP39A1	NM_001278739	51.94951438	2.220116562	0.000131254	23.39945356
STX17-AS1	NR_038853	45.75166431	3.503083727	0.000307565	13.06039703
PIGU	NM_080476	120.1758322	5.864596651	2.62E-10	20.49174723
KIAA0020	NM_014878	134.1560679	4.293699344	1.82E-12	31.24486769
COPB1	NM_001144062	174.0308251	3.731983561	5.10E-17	46.63225929
MOCOS	NM_017947	192.6945215	4.521381819	8.28E-18	42.6185023
PNRC1	NM_006813	253.298925	33.13367052	9.87E-15	7.644758973
UBA1	NM_003334	107.2285714	12.38435487	2.77E-07	8.658389761
NCDN	NM_014284	211.6791608	15.77223126	2.91E-16	13.42100286
MTA2	NM_004739	162.9890429	15.2643423	6.69E-12	10.67776388
NDST2	NM_003635	224.6264215	18.0894386	1.35E-16	12.4175452
HNRNPA1L2	NM_001011724	179.9077322	6.562792668	1.68E-16	27.41328902
YIPF6	NM_001195214	167.832975	3.733191431	1.65E-16	44.95696996
OPA3	NM_001017989	141.06595	9.072926504	1.89E-11	15.54800978
LGALS1	NM_002305	297.1451108	44.41323927	7.58E-16	6.690462476
RBM43	NM_198557	69.74070721	6.347667699	3.89E-05	10.9868239
DIP2A	NM_001146116	76.49011787	5.933025475	3.42E-06	12.89226183
NDUFC2-KCTD14	NM_001203261	122.2417822	11.11256138	5.76E-09	11.00032458
FLJ38576	NR_046264	157.1121358	15.52546056	1.01E-10	10.11964413
GPR19	NM_006143	81.65499293	4.318645889	4.49E-07	18.90754533
DUS2	NM_001271763	120.3363036	8.956122955	1.57E-09	13.43620496
NIPSNAP3A	NM_015469	133.1230929	7.27506132	1.80E-11	18.29855269
NOP9	NM_174913	97.54070721	10.94579837	1.08E-06	8.911246482
NCK1	NM_006153	255.3648751	4.245480261	2.44E-24	60.14982036
TMED10	NM_006827	119.4638001	6.840318241	1.05E-09	17.46465528
PTDSS1	NM_014754	385.5495144	11.73179725	3.29E-33	32.86363598
DGCR2	NR_033674	166.9604715	8.939788617	8.52E-14	18.67610954
ERRFI1	NM_018948	119.4638001	10.83487744	1.19E-08	11.02585616
BUB1	NM_004336	127.2461858	4.939914558	1.01E-11	25.75878272
DNAJC27	NM_016544	121.3692786	7.442925552	6.61E-10	16.30666299
GOLPH3	NM_022130	176.9692786	6.659168643	2.00E-15	26.57528111
RBM34	NM_015014	245.5165394	6.435215685	1.27E-23	38.15202961
GTF2H5	NM_207118	326.8505893	6.167985477	5.44E-33	52.99146546
DNAJC16	NM_015291	76.81106082	8.97892959	1.50E-05	8.554589949
CCRN4L	NM_012118	157.1121358	9.853549623	1.30E-12	15.94472467
FZD3	NM_017412	149.0088072	2.473400345	5.52E-15	60.24451621
PGD	NM_002631	161.0835644	12.2964935	3.09E-12	13.0999593
ALDH18A1	NM_001017423	72.67916077	6.248532254	9.70E-06	11.63139723
DGUOK	NM_080918	162.1165394	10.27032238	4.14E-13	15.78495138
PABPC1	NM_002568	225.6593965	22.17032543	2.49E-15	10.17844313
PRKDC	NM_006904	173.8703536	7.864632222	1.99E-14	22.10788104
CD33	NM_001177608	50.91653937	4.069485572	0.000273504	12.51178766
TTYH2	NM_032646	159.8901179	12.2722872	9.91E-12	13.02855085
USP3-AS1	NR_034080	251.232975	17.00005047	1.58E-19	14.77836642

PCOLCE-AS1	NR_038910	70.61321075	10.424058	0.000122421	6.774061578
MANEA	NM_024641	118.2703536	2.475649132	1.97E-12	47.77347164
ARPC2	NM_005731	79.5890429	10.48424741	3.28E-05	7.591297667
IPP	NM_001145349	221.6879679	3.637115124	5.21E-22	60.95159498
DDX17	NM_006386	176.0967751	11.93019252	6.55E-14	14.76059794
USP8	NM_005154	227.5648751	3.52173304	3.93E-22	64.61729849
SFXN5	NM_144579	136.0615464	8.864221518	5.72E-11	15.34952011
ANAPC2	NM_013366	119.3033286	11.43165905	1.19E-08	10.43622173
ZNF436	NM_030634	140.1934465	15.33709559	1.61E-09	9.140808029
GYG1	NM_001184721	177.8417822	8.437096551	1.30E-14	21.07855245
FSD1L	NM_001287191	111.3604715	2.693234008	9.84E-11	41.34823455
MED8	NM_201542	180.0682037	14.93359882	3.72E-13	12.05792427
TCF25	NM_014972	316.8417822	22.20675444	4.29E-23	14.26781131
MNAT1	NM_001177963	271.2505893	2.634066092	1.00E-26	102.977898
C4orf27	NM_017867	196.8264215	4.481136905	4.64E-20	43.92332251
PPP4R2	NM_174907	50.75606789	5.165678473	0.000727544	9.825634358
WWOX	NM_016373	95.31428571	0.989484106	7.08E-10	96.32725285
MTMR3	NM_021090	188.8835644	4.280051853	4.14E-17	44.13113926
LINC00663	NR_026956	123.2747572	4.145950288	5.40E-12	29.73377601
MDH1B	NR_104261	48.85058935	4.129396738	0.000987396	11.82995785
EBLN3	NR_036592	67.67475719	0.491870452	1.47E-09	137.5865474
DPH2	NM_001384	76.49011787	13.59625856	0.000281352	5.62582107
ZFP36L2	NM_006887	161.9560679	21.89138837	1.31E-09	7.398163385
FANCD2	NM_001018115	85.6264215	6.351901086	4.76E-07	13.48044
COQ7	NM_016138	68.7077322	7.498969324	4.15E-05	9.162290074
USO1	NM_001290049	166.0879679	4.857353553	4.62E-15	34.19309839
PHF5A	NM_032758	73.71213579	4.827763956	3.67E-06	15.26838024
KIAA0907	NM_014949	171.9648751	11.91971522	2.10E-13	14.42692815
TRIM35	NM_171982	138.2879679	9.619270998	9.83E-11	14.37613806
GPC2	NM_152742	104.2901179	12.94941617	5.72E-07	8.05365404
SDC4	NM_002999	206.5142857	13.46674847	7.52E-16	15.33512608
ADCK2	NM_052853	83.56047148	7.507947235	2.69E-06	11.12960292
STAM2	NM_005843	128.1186893	4.083255058	1.38E-11	31.37660702
NUTM2A-AS1	NR_024397	90.47035361	4.590778096	1.33E-07	19.70697597
LOC101929633	NR_110574	46.9451108	7.402045992	0.004889461	6.342180372
C4orf29	NM_001039717	211.6791608	5.380731004	6.32E-20	39.34022359
PPM1F	NM_014634	141.06595	11.69604317	4.80E-10	12.06099772
TRAIIP	NM_005879	133.6045073	8.818023615	1.81E-10	15.15129842
RNASEH1-AS1	NR_038429	97.54070721	21.95876311	0.000147704	4.441994603
PCDH19	NM_001184880	41.78023574	1.105192864	9.70E-05	37.80356996
NDC80	NM_006101	98.41321075	2.277375717	8.54E-10	43.21342764
PON3	NM_000940	85.46595002	3.733204467	2.03E-07	22.89345541
SREBF1	NM_004176	108.4220179	22.3585328	1.57E-05	4.849245649
ICE2	NM_001018089	233.4417822	4.468513462	8.86E-23	52.24148572
ACO1	NM_002197	238.4461858	4.835868512	8.87E-23	49.30783067
PNLIP	NM_000936	40.9077322	1.868855082	0.000889872	21.8891944
GPN2	NM_018066	162.9890429	13.51731377	2.08E-12	12.05779829
NUMA1	NR_104476	166.9604715	10.01707873	6.22E-13	16.66758104
TNFSF12	NR_037146	77.52309288	14.1951032	0.000316931	5.461256027
TBXA2R	NM_201636	99.44618576	8.14471537	1.28E-07	12.20990314
TXNDC16	NM_020784	170.0593965	3.008166414	7.04E-17	56.53257603
TIAM1	NM_003253	59.57142857	6.006162487	0.000145892	9.918384442
METAP1D	NM_199227	131.2176143	3.824427839	9.86E-12	34.31039095
PSMD9	NR_048555	164.0220179	9.871606357	3.23E-13	16.61553469
ZDHHC12	NM_032799	193.8879679	32.27419954	4.02E-10	6.007522129
CNTROB	NM_001037144	137.2549929	14.01533508	2.32E-09	9.793200961
TMEM183B	NM_001079809	126.2132108	7.650308437	3.74E-10	16.49779375
PPM1L	NM_139245	41.94070721	3.49410495	0.001045411	12.00327632
MAN2B1	NM_001173498	95.47475719	10.08084974	1.15E-06	9.470903709
METTL2A	NM_181725	191.9824894	12.57611498	3.78E-15	15.26564362
POMK	NM_032237	180.9407072	6.391897732	2.33E-16	28.30782262
PRPF4B	NM_003913	162.1165394	5.149284812	2.73E-15	31.48331182

IL18	NM_001562	90.47035361	6.64523763	3.14E-07	13.61431429
ACADS	NM_000017	119.4638001	9.879409398	1.96E-09	12.09220058
COPS3	NM_001199125	93.40880717	7.88718879	3.02E-07	11.84310527
FANCF	NM_022725	71.64618576	6.960697766	3.40E-05	10.2929603
LHFPL2	NM_005779	68.54726073	5.712355211	2.28E-05	11.99982463
UQCC2	NM_032340	180.9407072	13.07292696	7.84E-14	13.84087189
TTLL7	NM_024686	180.0682037	2.218070131	5.19E-18	81.18237615
HECTD1	NM_015382	90.79129656	4.019839388	1.28E-07	22.58580202
RANGAP1	NM_002883	138.2879679	15.27177217	5.76E-09	9.055135607
CEP19	NM_032898	212.5516643	9.566369424	1.76E-19	22.21863435
MRPS21	NM_031901	201.8308251	16.03723804	3.83E-15	12.5851362
REST	NM_005612	80.46154644	6.472153794	5.47E-06	12.43195836
SEC23A	NM_006364	94.44178218	2.871594232	4.59E-09	32.88827549
IMPDH1	NM_001142575	77.52309288	9.548020382	3.28E-05	8.119284394
CCDC110	NM_001145411	151.9472607	4.815425825	9.91E-15	31.55427293
SNX29	NM_032167	103.4176143	5.480971341	1.63E-08	18.86848296
GPKOW	NM_015698	51.7890429	7.2865603	0.001533306	7.107474689
PRDX3	NM_006793	295.2396323	14.29668059	4.03E-25	20.65092176
C19orf40	NM_152266	144.1648751	13.85144139	4.86E-10	10.40793308
RPS5	NM_001009	190.7890429	24.15154377	6.79E-12	7.89966243
GDPD1	NM_001165994	204.6088072	5.79362055	1.65E-19	35.31622504
DAPL1	NM_001017920	43.84618576	3.438588697	0.000616591	12.75121558
VPS8	NM_015303	123.5957001	4.406140686	1.68E-10	28.05078389
AURKA	NM_198437	100.4791608	8.51890631	6.28E-08	11.7948428
OSR1	NM_145260	66.64178218	8.228642378	0.000187088	8.098757865
CCNL1	NM_020307	185.7846393	21.20217692	5.04E-12	8.762526604
EMC2	NM_014673	145.1978501	2.551718544	2.18E-15	56.90198491
LPIN3	NM_022896	89.4373786	6.225086191	5.31E-07	14.36725145
NGLY1	NM_018297	201.6703536	3.959646693	1.93E-19	50.93140101
NIPBL	NM_133433	55.76047148	1.564898833	3.81E-05	35.63199761
MAP3K1	NM_005921	144.0044036	4.978104396	9.33E-13	28.92755799
HAGH	NM_001286249	97.54070721	10.73510692	5.87E-07	9.08614213
SNX24	NM_014035	63.54285714	4.779519853	7.44E-05	13.29482021
RNF213	NM_001256071	70.61321075	11.06437988	0.000217891	6.382030582
RPUSD3	NM_001142547	238.4461858	22.33092824	1.83E-16	10.67784479
MRPL14	NM_032111	139	10.65079881	9.51E-11	13.05066432
PGM3	NM_015599	193.7274965	7.31643239	8.72E-18	26.47840999
HSD17B10	NM_004493	101.3516643	6.790938093	2.98E-08	14.92454546
ANKRD54	NM_138797	156.9516643	12.70380445	1.22E-11	12.35469775
FAM98A	NM_015475	65.60880717	3.984439395	1.12E-05	16.46625803
DNAJB4	NM_007034	78.55606789	0.962600274	9.56E-10	81.60819191
STX5	NM_001244666	196.8264215	14.16867584	7.24E-15	13.89165958
C5orf55	NM_138464	171.0923715	14.27264742	3.21E-11	11.98743068
SNRPA1	NM_003090	138.2879679	8.582460999	1.92E-11	16.11285714
CASP8AP2	NM_001137668	197.698925	8.876907225	2.22E-16	22.27114918
AKAP8L	NM_001291478	141.2264215	11.85213452	5.65E-10	11.91569512
HADH	NM_005327	182.8461858	8.185141931	6.63E-16	22.33879233
LOC101927814	NR_110930	136.0615464	2.947712956	6.42E-15	46.15834325
PODXL	NM_001018111	112.232975	10.63870686	5.93E-08	10.54949408
CCDC102A	NM_033212	76.49011787	9.531800771	4.76E-05	8.024728979
SLC1A1	NM_004170	62.67035361	5.31457837	7.02E-05	11.79215909
GSTA4	NM_001512	78.55606789	7.230628766	7.75E-06	10.8643481
CHAC1	NM_024111	73.55166431	11.54762456	0.000121866	6.369419437
CLASP2	NM_015097	185.7846393	2.824575874	5.62E-18	65.774349
ARHGAP40	NM_001164431	43.84618576	6.845933386	0.004165782	6.404705289
GTPBP8	NM_138485	200.6373786	11.06232181	6.24E-17	18.13700433
SS18	NM_001007559	243.4505893	3.729399797	1.18E-23	65.27875868
REV3L	NM_001286432	158.1451108	3.979825144	5.06E-15	39.73669824
ZNF33B	NM_006955	257.2703536	5.180186656	2.23E-25	49.66430183
CASC4	NM_138423	205.6417822	5.243808542	8.95E-19	39.21611182
PCGF6	NM_001011663	130.3451108	8.618094284	1.05E-10	15.12458631
YLPM1	NM_019589	184.7516643	4.919841427	3.15E-17	37.55236161

ZCCHC4	NM_024936	77.68356436	3.565479006	2.96E-07	21.78769367
MED24	NM_001267797	64.73630363	10.06165517	0.000530169	6.43396166
COQ3	NM_017421	250.3604715	6.570853361	1.08E-23	38.10166773
G6PD	NM_001042351	79.5890429	14.35728087	0.000266248	5.54346214
NUDT21	NM_007006	131.2176143	4.185604368	7.49E-13	31.34974135
CUL4A	NM_003589	259.1758322	7.286263471	1.05E-23	35.57047219
MTPAP	NM_018109	80.62201792	5.546284991	1.18E-06	14.53621984
ATP6AP2	NM_005765	32.96487506	2.803714654	0.004708558	11.75757134
STK36	NM_001243313	103.4176143	6.664941734	3.43E-08	15.51665693
SLC52A3	NM_033409	81.49452145	11.52977699	2.55E-05	7.068178467
LIG1	NM_001289064	71.64618576	10.69654759	0.000196166	6.698066374
DYNLT3	NM_006520	83.56047148	0.256036498	3.87E-13	326.3615622
LOC150776	NR_026922	73.71213579	13.74617061	0.000325028	5.362376029
CALB2	NM_001740	47.81761433	7.600575211	0.004247748	6.291315197
RSPH1	NM_001286506	50.75606789	4.736643131	0.000526087	10.71562001
MRVII-AS1	NR_034094	134.3165394	5.639997948	5.45E-12	23.81499792
TRERF1	NM_033502	69.58023574	7.579710425	0.000107035	9.179801316
ZFP14	NM_001297619	112.553918	2.020310729	1.42E-11	55.71119153
TMEM179B	NM_199337	237.5736822	52.42775115	1.26E-09	4.531449032
ANKRD18A	NM_147195	35.90332862	2.47377956	0.002840586	14.51355214
HSPA5	NM_005347	257.2703536	15.04916799	5.56E-21	17.09532074
SMAP1	NM_021940	169.898925	2.694580051	2.47E-16	63.05209784
FLII	NM_002018	91.6638001	14.40086489	2.73E-05	6.365159369
CASP9	NR_102733	47.65714286	8.28547361	0.0043359	5.751891214
UBQLN1	NM_053067	55.76047148	7.616100921	0.000860764	7.321393461
MRPL27	NM_016504	214.7780858	31.06099382	3.94E-12	6.914720341
PRSS12	NM_003619	39.87475719	4.019887099	0.001760561	9.919372413
LAMTOR5	NM_006402	93.72975012	18.44333397	8.04E-05	5.082039411
TBC1D20	NR_111901	110.3274965	10.16312734	3.51E-08	10.85566408
SUPT16H	NM_007192	118.4308251	10.7514355	1.25E-08	11.01535
SAMD12	NM_207506	117.3978501	4.604674001	6.03E-10	25.49536624
B3GNT3	NM_014256	217.5560679	8.023816662	5.28E-20	27.1137885
N6AMT1	NM_182749	171.8044036	1.534726	4.73E-22	111.9446752
TMEM39A	NM_018266	123.4352287	7.328167783	4.33E-10	16.84394139
STT3A	NM_152713	58.85939651	6.024712534	9.70E-05	9.769660573
SUFU	NM_016169	151.0747572	11.89969191	1.92E-11	12.69568644
SERPINE2	NM_006216	117.2373786	5.120935317	2.98E-10	22.8937433
LOC285626	NR_037889	60.76487506	3.817142287	7.85E-05	15.9189442
ENOX2	NM_182314	93.40880717	1.853629489	8.65E-09	50.39238302
SMARCD1	NM_003076	58.69892504	12.87184214	0.003691044	4.560258307
CLCN6	NM_001286	60.76487506	7.644138242	0.000462042	7.94921195
ZC3HAV1L	NM_080660	177.8417822	12.19728716	3.28E-14	14.58043742
MAFF	NM_012323	116.3648751	14.64763996	1.41E-07	7.944274668
HMGCS1	NM_001098272	169.898925	6.394604188	2.72E-15	26.56910734
LOC101927755	NR_110815	115.4923715	5.615774943	2.76E-10	20.56570513
TMEM30A	NM_001143958	155.9186893	4.307174464	2.87E-15	36.19976172
CPEB2-AS1	NR_038857	154.1736822	2.127124302	1.26E-15	72.47986499
GOLGA1	NM_002077	175.9363036	8.511667145	4.49E-15	20.67001689
CCDC34	NM_080654	125.1802357	5.288350511	1.50E-11	23.67094153
MDFIC	NM_001166345	39.87475719	3.226630146	0.001777127	12.35801917
SLC35G2	NM_025246	91.34285714	5.364830176	7.59E-08	17.0262346
MPHOSPH9	NM_022782	275.2220179	6.746160977	7.79E-25	40.79683525
SPINT1	NM_181642	157.9846393	10.88852687	1.55E-12	14.50927579
PRPS1	NM_002764	106.3560679	3.587069401	5.17E-10	29.6498495
LLPH-AS1	NR_125724	238.6066572	15.44011814	5.56E-19	15.45368079
ACAT2	NM_005891	122.2417822	12.01496976	9.30E-09	10.17412317
LAMC1	NM_002293	61.6373786	4.132081846	6.99E-05	14.91678551
EIF3A	NM_003750	285.2308251	14.00284257	7.96E-23	20.36949453
TRMT2B	NM_001167972	90.47035361	5.40743274	8.70E-08	16.73074044
PNMA1	NM_006029	176.0967751	18.59065761	2.22E-11	9.472326303
BCDIN3D	NM_181708	201.6703536	19.8993769	4.69E-14	10.13450595
LINC00941	NR_040245	131.2176143	17.38361408	3.24E-08	7.548350631

VEZT	NM_017599	73.71213579	3.648245004	7.31E-07	20.20482059
JUN	NM_002228	197.8593965	29.16335214	5.21E-11	6.784521737
FAM227A	NM_001291030	89.59785007	7.494784539	1.52E-06	11.95469324
VPS53	NM_018289	124.3077322	6.627282116	9.30E-11	18.75697006
LINC01273	NR_109943	159.8901179	11.7696064	3.42E-12	13.58500127
MCM3	NM_001270472	88.72534654	8.995849836	3.73E-06	9.862919919
CD2AP	NM_012120	196.66595	2.892403082	2.05E-19	67.99396366
WDR59	NM_030581	99.44618576	6.22363526	2.28E-08	15.978794
WHAMM	NM_001080435	210.6461858	5.25988183	1.45E-20	40.04770308
UQCC1	NM_199487	119.3033286	7.097207248	1.98E-09	16.80989782
DYNC2LI1	NM_015522	161.9560679	5.566006918	3.46E-15	29.09735296
RFXAP	NM_000538	60.76487506	5.365064009	0.000183757	11.32602984
RBFA	NM_024805	157.9846393	5.191698328	4.10E-15	30.43024254
GTF3C1	NM_001286242	167.832975	11.47786	4.10E-13	14.62232289
CUL7	NM_014780	233.4417822	20.11651701	1.90E-16	11.60448312
CRK	NM_005206	119.1428571	13.29223434	3.85E-08	8.963343116
ZNF678	NR_102302	121.2088072	5.079250619	2.39E-10	23.86352166
LYRM2	NR_028495	155.9186893	7.048420865	7.19E-15	22.12108106
TDG	NM_003211	174.9033286	11.42900144	1.17E-13	15.30346545
SLC16A1-AS1	NR_103744	183.8791608	5.52556802	2.41E-18	33.2778748
PDK3	NM_005391	149.0088072	1.921038534	1.84E-15	77.56679763
TBX3	NM_016569	227.4044036	9.442464409	1.10E-20	24.08316238
ERO1L	NM_014584	45.75166431	1.510399302	0.000333245	30.2911053
PLA2G10	NM_003561	68.54726073	8.022360148	6.55E-05	8.544525483
ERLIN2	NM_001003790	90.47035361	10.36496362	4.02E-06	8.728477678
ATG14	NM_014924	139.320943	7.338216276	1.18E-11	18.98566868
RBM45	NM_152945	300.9560679	3.552686352	2.89E-35	84.7122538
FAM53C	NM_016605	242.4176143	20.87979154	4.32E-17	11.61015491
CUTC	NM_015960	225.6593965	7.397717417	1.48E-20	30.5039222
TMEM65	NM_194291	159.8901179	1.881777102	5.18E-17	84.96761797
DPCD	NM_015448	84.91438944	13.25310883	3.22E-05	6.40712987
FAM46B	NM_052943	217.7165394	22.45448774	1.72E-14	9.695903193
FBXO31	NM_001282683	279.1934465	15.26180757	7.26E-22	18.29360286
CNP	NM_033133	224.6264215	30.77042046	3.33E-13	7.300076441
DHODH	NM_001361	149.1692786	11.08578137	2.15E-11	13.4559102
TMEM194B	NM_001142645	151.9472607	6.683840747	2.66E-13	22.733525
PSME2	NM_002818	219.4615464	19.28731471	1.20E-15	11.37854335
MEAF6	NR_073091	115.3319	7.399107048	2.08E-09	15.5872728
GLO1	NM_006708	174.0308251	6.756074628	8.77E-16	25.75916263
RAB3A	NM_002866	164.8945215	19.37740077	7.25E-11	8.509630542
METT16	NM_152396	78.55606789	8.688242634	3.72E-05	9.041652173
KIF26A	NM_015656	43.84618576	6.364965273	0.004059184	6.888676353
USP11	NM_004651	118.2703536	7.198813384	4.06E-10	16.42914565
POM121	NM_001257190	83.72094295	13.42733331	7.81E-05	6.235113186
CHTF18	NM_022092	134.1560679	15.00155136	6.42E-09	8.942812959
FAM24B	NM_001204364	92.69677511	4.895955642	5.66E-08	18.93333639
GOLIM4	NM_014498	90.47035361	3.940497826	1.13E-07	22.95911776
PEG10	NM_001040152	60.76487506	7.514400717	0.000297635	8.086456571
B9D1	NM_015681	84.59344649	11.0696854	7.63E-06	7.641901593
CCDC38	NM_182496	41.78023574	5.981378657	0.00428771	6.985051129
CDC42SE1	NM_020239	182.8461858	18.22882301	2.06E-12	10.03060843
LRAT	NM_004744	217.5560679	2.242294515	6.73E-27	97.02385947
MRPL15	NM_014175	162.1165394	8.454994172	2.19E-14	19.1740569
C8orf76	NM_032847	257.4308251	15.09302085	3.65E-20	17.05628234
LSS	NM_001145436	138.1274965	6.807201673	1.70E-11	20.29137715
CHURC1	NM_145165	121.3692786	9.481942867	3.50E-09	12.80004323
FAM175B	NM_032182	94.92319661	9.35575134	1.61E-06	10.14597258
HARS2	NM_001278731	146.0703536	13.45508995	2.10E-10	10.85614099
VAMP4	NR_033704	109.6154644	4.236104282	1.11E-09	25.87647921
GTPBP10	NM_001042717	146.2308251	3.106790046	4.51E-15	47.0681388
LINC00886	NR_038387	105.4835644	4.811525906	4.26E-09	21.92310016
ZFP30	NM_014898	99.44618576	1.145165069	6.94E-12	86.84004466

GPD2	NM_000408	168.86595	3.722616183	2.65E-16	45.3621705
IRF6	NM_006147	174.9033286	8.766423428	6.50E-15	19.9515036
CAP2	NM_006366	52.66154644	4.698351864	0.000792461	11.20851481
RNPS1	NM_001286627	162.1165394	18.75878056	1.89E-10	8.642168336
APIG1	NM_001030007	113.26595	6.606457478	8.23E-10	17.14473307
GPR162	NM_019858	79.42857143	19.68626579	0.001070393	4.034720057
C1orf204	NM_001134233	66.64178218	14.21597967	0.001459071	4.687807925
FBXO4	NM_001297437	160.0505893	3.81952729	4.03E-16	41.9032454
INCA1	NM_001167987	155.0461858	13.2473903	9.86E-12	11.70390411
PMF1	NM_001199654	125.3407072	9.597921639	1.37E-09	13.05915092
LOC100507419	NR_123723	149.0088072	11.8024421	1.07E-11	12.62525212
RPL26L1	NM_016093	98.41321075	11.96093639	1.44E-06	8.227885135
VPS9D1	NM_004913	188.0110608	37.05355676	3.15E-09	5.074035457
SMAD2	NM_005901	70.61321075	3.789027547	1.52E-06	18.63623578
CSNK1D	NR_110578	203.5758322	26.02272758	3.16E-12	7.823001318
LOC101927795	NR_110275	146.2308251	8.061103073	2.07E-12	18.14029963
SNRPG	NM_003096	166.0879679	12.09811608	1.07E-12	13.7284158
C1QC	NM_172369	32.80440358	0.287698089	0.000240758	114.0237102
PPP3CA	NM_001130692	47.81761433	2.430116146	0.000297654	19.67709009
CPE	NM_001873	89.4373786	3.126926173	2.80E-08	28.60233138
LAMTOR1	NM_017907	151.0747572	19.23863465	1.09E-09	7.852675616
LSM8	NM_016200	103.4176143	6.756777383	1.99E-08	15.3057602
TYW1B	NM_001145440	198.019868	4.054918162	1.05E-17	48.83449186
UBE2D1	NM_003338	232.5692786	4.105975818	8.91E-24	56.64165815
ZNF561-AS1	NR_122038	293.0132108	8.418349634	3.84E-28	34.806491
FAM149B1	NM_173348	165.9274965	8.712875135	7.26E-14	19.04394289
CSTF1	NM_001033522	121.2088072	3.767568947	1.14E-11	32.17162283
MYPOP	NM_001012643	159.8901179	9.234996076	3.35E-13	17.31350144
ZNF561	NM_152289	209.7736822	6.94028376	4.28E-20	30.22551951
MED23	NM_004830	230.5033286	4.260842703	2.60E-23	54.09806104
ANKLE1	NM_001278444	136.0615464	12.72897523	6.02E-10	10.68912021
PTPN11	NM_080601	208.5802357	8.748558418	4.18E-18	23.84166919
C21orf119	NR_026845	249.3274965	41.17000479	1.20E-08	6.056047303
FBXW2	NM_012164	214.6176143	8.782731283	2.40E-18	24.43631798
LRPAP1	NM_002337	290.0747572	13.26119677	3.47E-24	21.87395015
PPARGC1B	NM_001172698	77.68356436	8.087936044	1.82E-05	9.604868774
ORMDL1	NM_001128150	267.2791608	9.49665544	1.99E-24	28.14455705
EEF1G	NM_001404	92.53630363	22.23472054	0.000263721	4.16179297
SERPINB5	NM_002639	107.3890429	7.675033407	9.69E-09	13.9919968
IWS1	NM_017969	85.6264215	6.378476199	3.79E-07	13.42427546
VPS35	NM_018206	162.9890429	3.613294391	2.39E-16	45.10815485
ACAP2	NM_012287	169.898925	3.366594628	2.70E-16	50.46610709
MED13	NM_005121	44.7186893	5.564997452	0.002492159	8.035707058
SLC9B2	NM_178833	125.1802357	3.092053068	1.19E-12	40.4845043
TXNDC11	NM_015914	113.26595	8.076148538	5.55E-09	14.02474824
ROPN1B	NM_001012337	95.79570014	9.688220176	4.02E-07	9.887853332
ZNF684	NM_152373	132.2505893	2.964266663	5.98E-14	44.61494339
PLXNA2	NM_025179	91.50332862	5.122488188	1.70E-07	17.86306288
SIRT1	NM_012238	90.47035361	7.425520874	5.43E-07	12.1837047
SEC22B	NM_004892	178.0022537	4.402443449	2.15E-17	40.43260424
SPATA5L1	NM_024063	135.1890429	8.084053684	7.71E-11	16.72292741
STYX	NM_001130701	191.9824894	4.290385382	1.27E-18	44.74714328
BTBD7	NM_001002860	62.67035361	5.501471465	7.04E-05	11.39156206
PELP1	NM_014389	217.5560679	8.720708371	8.76E-19	24.94706377
SHOC2	NM_007373	100.4791608	2.520201437	1.32E-09	39.86949587
NIFK	NM_032390	169.898925	10.16886121	2.04E-14	16.7077632
ARHGAP19	NM_032900	146.0703536	3.318504603	1.62E-14	44.0169206
FRYL	NM_015030	158.1451108	2.937175454	5.57E-15	53.8425822
GAS5	NR_002578	280.2264215	44.88869624	2.69E-14	6.242694597
ENTPD3-AS1	NR_040100	100.3186893	4.945893882	1.49E-08	20.28322719
FAM86JP	NR_024250	129.1516643	10.10449016	1.21E-09	12.78161117
NAPA-AS1	NR_038452	136.0615464	11.90609218	3.74E-10	11.42789291

LOC101927204	NR_110184	90.63082508	5.023956104	3.72E-08	18.03973267
HAUS8	NM_001011699	131.2176143	11.65877591	2.31E-09	11.2548363
STEAP1	NM_012449	89.75832155	5.127549044	1.28E-07	17.50511224
PARD6B	NM_032521	162.2770108	6.850772692	8.47E-15	23.68740259
ERCC8	NM_001290285	75.61761433	3.06339182	6.10E-07	24.68427768
DNPEP	NM_012100	95.31428571	12.55316366	4.12E-06	7.592849763
ZFHX2	NM_033400	77.68356436	16.68490323	0.000568848	4.655919385
WFDC3	NM_080614	65.76927864	8.202550549	0.000108475	8.018149751
SRSF6	NR_034009	388.3274965	21.55164228	5.11E-32	18.01846427
ADPRH	NM_001291949	57.8264215	5.353843082	8.45E-05	10.80091826
TXN	NM_003329	145.0373786	13.24021756	1.68E-10	10.95430479
DIMT1	NM_014473	198.7319	7.327290208	1.12E-18	27.1221549
RWDD2B	NM_016940	151.0747572	7.143149986	2.58E-13	21.14959891
VSIG10	NM_019086	171.9648751	9.029559972	6.85E-14	19.04465728
ZBTB8B	NM_001145720	49.72309288	6.453630004	0.001078774	7.704670526
SRSF8	NM_032102	151.9472607	33.32601649	1.11E-06	4.559418639
TRNAU1AP	NR_003109	132.2505893	21.59322504	2.16E-07	6.124633496
EIF2S1	NM_004094	170.7714286	5.499288236	7.80E-16	31.05336932
MFI2	NM_005929	83.56047148	15.71098318	0.000197908	5.318602313
RAB8B	NM_016530	75.61761433	3.357043122	6.76E-07	22.52506494
MPHOSPH6	NM_005792	284.1978501	12.02035825	4.54E-24	23.64304325
IPO9-AS1	NR_046696	122.2417822	7.141172148	1.18E-09	17.1178876
ARHGAP11B	NM_001039841	45.75166431	5.279990641	0.001399457	8.665103297
MAN2A1	NM_002372	186.8176143	3.790394923	6.24E-18	49.28711075
RAB5C	NM_201434	74.7451108	9.125118851	2.38E-05	8.191138331
LOC102723582	NR_125405	189.7560679	10.43488355	7.40E-16	18.18478059
PSPH	NM_004577	167.9934465	10.99193838	1.79E-13	15.28333226
PFDN2	NM_012394	190.9495144	10.32402763	6.54E-16	18.49564155
ZNF738	NR_027130	101.5121358	4.608622735	3.03E-09	22.02656664
JMJD7-PLA2G4B	NM_001198588	158.1451108	14.27539328	3.57E-11	11.0781614
THEM4	NM_053055	247.2615464	10.08246137	1.40E-21	24.52392698
FANCB	NM_152633	96.34726073	1.023319297	3.00E-11	94.15170908
RBCK1	NM_031229	171.8044036	14.09182149	1.87E-12	12.19178115
ANP32A	NM_006305	94.44178218	12.31447191	7.60E-06	7.669170297
SERP1	NM_014445	107.3890429	16.31858963	1.91E-06	6.58077967
LRRC28	NM_001284400	170.7714286	3.840141418	1.23E-16	44.47008846
PTCHD2	NM_020780	201.8308251	7.684921708	9.08E-18	26.26322463
TACC3	NM_006342	73.55166431	17.7864446	0.002190183	4.135265139
LINC00944	NR_033878	43.84618576	1.868415768	0.000646366	23.46703904
ZBTB9	NM_152735	199.6044036	24.91224529	6.41E-12	8.01230083
PLEKHA4	NM_020904	45.91213579	6.328981717	0.002142431	7.254268986
ANTXR2	NM_001145794	83.72094295	1.417681117	5.06E-08	59.05484804
PSMC6	NM_002806	135.1890429	4.728210263	4.08E-13	28.59201165
KRT222	NM_152349	52.82201792	4.954169898	0.000290837	10.66213291
ARFGAP2	NM_001242832	67.67475719	14.98385902	0.00196843	4.516510539
LINC01461	NR_125761	115.3319	4.270656925	8.47E-11	27.00565793
PDE6D	NM_001291018	240.5121358	4.932148415	1.29E-23	48.76417244
GOLGB1	NM_004487	191.8220179	5.465427486	1.36E-17	35.09734937
ILF2	NM_001267809	144.1648751	19.00795476	5.58E-09	7.584449611
CEP44	NM_001145314	75.93855729	2.765988038	2.13E-07	27.45440553
C1D	NM_001190263	84.75391796	3.927346274	1.01E-07	21.5804546
TRIM14	NM_033219	95.63522867	8.634858334	3.27E-07	11.07548323
MTHFS	NM_006441	236.5407072	5.757677291	9.48E-22	41.08266151
VAMP8	NM_003761	110.3274965	9.970123534	1.81E-08	11.06581038
SNAI2	NM_003068	64.73630363	5.842397795	3.86E-05	11.08043408
ITGB1	NM_002211	41.78023574	4.343764004	0.004025051	9.618440527
IMPAD1	NM_017813	75.45714286	2.662571302	2.98E-07	28.33995198
MICU1	NM_001195518	95.47475719	4.098667341	1.08E-08	23.29409763
KIDINS220	NM_020738	103.4176143	3.66359609	1.02E-09	28.22844326
RSBN1	NM_018364	94.44178218	3.484925437	3.91E-09	27.1000869
ZC3H7B	NM_017590	93.56927864	8.943897388	4.32E-07	10.46180145
HMSD	NM_001123366	40.9077322	2.288409328	0.000605096	17.87605552

WDR33	NM_001006623	202.7033286	6.133376002	9.21E-19	33.04922583
FBXO36	NM_174899	101.5121358	6.127353977	1.10E-08	16.56704283
RNF26	NM_032015	111.520943	23.32389576	3.97E-05	4.781402906
PTCD3	NM_017952	195.953918	10.61591319	2.06E-16	18.45850795
OFD1	NM_003611	142.9714286	2.967873188	4.68E-14	48.17302476
UBALD1	NM_145253	75.61761433	9.499225633	8.77E-05	7.960397748
DDX47	NM_016355	74.7451108	4.162924374	1.46E-06	17.95495284
CYB5RL	NM_001031672	72.67916077	8.374634342	4.05E-05	8.678487658
HID1	NM_030630	111.6814144	9.260869698	2.56E-08	12.05949528
COX4I1	NM_001861	212.0001037	27.89237936	1.60E-12	7.600646077
RIOK3	NM_003831	103.4176143	10.31487801	2.52E-07	10.02606276
LMBRD1	NM_018368	54.72749646	1.677613337	6.57E-05	32.62223496
YTHDC2	NM_022828	104.4505893	2.899694903	3.29E-10	36.02123425
PSEN1	NM_007318	205.6417822	5.664506134	5.34E-19	36.30356774
HERPUD2	NM_022373	133.2835644	3.969115741	3.64E-12	33.58016572
TMED8	NM_213601	119.3033286	6.008681976	8.88E-11	19.85515777
ALG12	NM_024105	79.74951438	17.22443767	0.000727742	4.630021362
PHLDA1	NM_007350	128.2791608	23.36962766	8.55E-07	5.48914012
BCKDHA	NM_000709	127.2461858	11.13893475	8.66E-10	11.42355069
GLA	NM_000169	77.68356436	13.06577343	0.000113465	5.945577181
PFKFB2	NM_006212	247.4220179	9.271038073	1.51E-22	26.68762829
RELL2	NM_173828	171.9648751	39.28203631	4.36E-07	4.377697575
SYMPK	NM_004819	60.76487506	12.37166229	0.001671334	4.911617665
KIF2A	NM_001243952	84.59344649	4.146363885	4.10E-07	20.40183854
SLC16A5	NM_004695	232.5692786	16.12368032	9.54E-18	14.42408147
ZNF394	NM_032164	136.3824894	11.37716445	1.54E-10	11.98738843
KIF11	NM_004523	95.47475719	4.941833699	5.55E-08	19.31970257
DDX41	NM_016222	112.3934465	8.819064222	4.96E-09	12.74437329
LOC101927066	NR_125390	43.84618576	3.66317504	0.001062026	11.96944871
ZNF252P	NR_023392	209.7736822	7.179931127	2.57E-19	29.21667054
DENR	NM_003677	223.5934465	9.770001549	2.68E-19	22.88571249
PPP4R1L	NR_003505	141.06595	6.122023957	2.13E-12	23.04237145
TRIP10	NM_001288963	92.37583215	21.31146693	0.000236989	4.334560002
WDR92	NR_046234	103.2571429	2.316687342	3.79E-11	44.57103079
POMZP3	NM_152992	298.1780858	12.35374197	3.47E-26	24.13666131
OCRL	NM_000276	57.66595002	2.764838945	2.92E-05	20.85689299
SAR1B	NM_016103	159.0176143	3.61990656	6.93E-16	43.92865166
TBC1D10A	NM_001204240	156.9516643	12.83168022	1.37E-11	12.23157542
LINC00894	NR_027456	56.63297501	4.945137475	0.000224121	11.45225493
KIAA0355	NM_014686	47.81761433	6.40828407	0.001396778	7.461843734
AP3B2	NM_001278512	101.3516643	6.473891968	1.56E-08	15.65544572
ITGB3BP	NR_045147	185.7846393	3.571339993	1.95E-17	52.02098924
SYCE2	NM_001105578	99.44618576	14.62713753	6.41E-06	6.798745519
PES1	NM_001243225	70.61321075	13.19556	0.000444939	5.351285642
FAM161B	NM_152445	160.0505893	13.98137343	1.40E-11	11.44741539
HDDC2	NM_016063	86.49892504	5.495093865	2.21E-07	15.74111874
FKBP1A-SDCBP2	NR_037661	135.1890429	12.75320974	3.07E-09	10.6003936
LINC00240	NR_026775	44.7186893	2.888372762	0.000459827	15.48231235
BMP8B	NM_001720	145.0373786	13.34267665	1.45E-10	10.87018612
NET1	NR_073040	81.65499293	3.185412569	4.95E-08	25.63403991
TMED5	NM_016040	111.3604715	6.010026878	4.13E-09	18.52911372
RBM20	NM_001134363	78.55606789	6.848725753	3.81E-06	11.47017281
ARL6IP6	NM_152522	112.3934465	8.047398519	8.03E-09	13.96643229
KIAA1429	NM_183009	85.6264215	7.505014565	2.20E-06	11.40922789
PPIL4	NM_139126	141.2264215	5.298512123	7.34E-13	26.65397723
USP46-AS1	NR_125363	102.3846393	24.74504398	0.000294718	4.137581627
MIP	NM_021933	165.9274965	13.80719312	1.75E-12	12.01746764
ZNF724P	NR_045525	102.3846393	3.888848931	1.85E-09	26.3277492
LOC339874	NR_038976	128.2791608	7.545257268	2.04E-10	17.00129713
TTC13	NM_001122835	72.67916077	4.311555153	9.66E-06	16.85683198
LOC100129940	NM_001292024	41.78023574	6.608945144	0.003887321	6.321770695
ITPR1-AS1	NR_108075	127.2461858	6.181979628	9.04E-12	20.58340425

ATXN2	NM_002973	61.79785007	5.613399199	7.49E-05	11.00898901
MCAM	NM_006500	69.58023574	14.26016741	0.001593359	4.879342138
BMPR2	NM_001204	67.67475719	4.244419638	2.24E-05	15.94440771
TNKS	NM_003747	75.61761433	3.427583328	9.57E-07	22.06149555
ERCC6L2	NM_001010895	157.1121358	3.854613718	2.72E-14	40.75950206
MTBP	NM_022045	172.1253465	3.168228837	2.99E-17	54.32857139
ZC3H3	NM_015117	144.3253465	11.25648754	5.76E-11	12.8215259
RPP30	NM_001104546	132.4110608	5.133614411	4.44E-12	25.79295019
RALGAPB	NM_020336	57.8264215	5.26056392	0.000237334	10.99243777
SNRPB	NM_198216	212.5516643	12.9635328	2.30E-17	16.39612192
PARVA	NM_018222	76.65058935	6.884754923	3.72E-06	11.1333795
ARMCX5-GPRASP2	NM_001199818	58.69892504	2.589842273	2.00E-05	22.66505789
LOC101928710	NR_110849	74.58463932	12.75462794	0.000248164	5.847653079
RMND5B	NM_022762	78.71653937	16.52216526	0.000291311	4.76429924
MECR	NM_016011	166.9604715	9.893986462	2.70E-13	16.8749444
PTMA	NM_002823	216.5230929	45.88518351	1.13E-09	4.718801938
BCL2L1	NM_001191	70.61321075	8.371748505	5.15E-05	8.434702823
DPP7	NM_013379	137.0945215	12.45219003	5.80E-10	11.00967148
PIP4K2C	NM_024779	155.2066572	7.664519757	1.05E-13	20.25001724
C9orf41	NM_152420	130.3451108	3.783532145	3.77E-12	34.45064183
AGAP11	NM_133447	160.9230929	7.992249762	1.02E-13	20.13489289
BLOC1S5	NM_001199322	137.0945215	3.080331667	5.89E-14	44.50641563
PMPCA	NM_015160	138.2879679	13.16833629	1.26E-09	10.50155197
TNS3	NM_022748	47.81761433	6.094291653	0.001468308	7.84629569
SMG8	NM_018149	234.6352287	16.64315215	4.47E-18	14.09800419
DTX4	NM_015177	47.65714286	8.05523692	0.004380581	5.916293131
GSTM4	NM_000850	82.68796794	15.03559072	0.000193515	5.499482495
NDUFB9	NM_005005	295.0791608	20.66331333	1.61E-22	14.28034101
NSD1	NM_022455	101.3516643	6.150088799	2.56E-08	16.47970747
DEXI	NM_014015	107.3890429	11.57518639	1.55E-07	9.277521702
CDX2	NM_001265	223.5934465	21.62223291	2.81E-15	10.34090454
ZNHIT6	NM_017953	117.2373786	3.113660252	1.39E-11	37.65259183
GGH	NM_003878	132.2505893	6.650975495	2.57E-11	19.88438981
DNAJB12	NM_017626	133.1230929	15.23888115	6.26E-09	8.735752418
LGALS8	NM_006499	59.73190005	13.17705323	0.004244886	4.533024116
LNX2	NM_153371	48.85058935	4.918302343	0.001317944	9.932408774
DISP1	NM_032890	201.8308251	2.246769787	5.14E-20	89.83155561
HLTF	NM_003071	150.2022537	3.481532891	3.32E-14	43.14256345
INTS10	NM_018142	303.0220179	8.506958369	7.57E-28	35.62048911
GTF3C3	NM_012086	102.4352287	5.331438244	3.93E-11	23.15233208
GFPT1	NM_002056	189.7560679	4.509562164	1.05E-17	42.0786012
EBP	NM_006579	80.46154644	2.793815361	1.58E-08	28.79987975
ALDH16A1	NM_153329	266.2461858	14.87069058	2.00E-21	17.90409022
SLC26A11	NM_001166348	78.55606789	10.43434921	5.60E-05	7.528602536
UTP20	NM_014503	65.76927864	4.554724185	3.77E-05	14.43979393
PSPC1	NR_003272	119.4638001	4.338746429	2.08E-10	27.53417423
KLHL24	NM_017644	152.1077322	4.786929612	4.95E-14	31.77563585
WDR82	NM_025222	104.2901179	12.6844161	5.72E-07	8.221909235
LOC100419583	NR_125376	113.586893	12.35284632	1.47E-07	9.195200044
MST1R	NM_002447	298.8901179	16.35131983	4.06E-24	18.27926558
GTF2H1	NM_001142307	96.5077322	4.429742539	1.97E-08	21.7863073
RNF20	NM_019592	117.3978501	5.926962832	9.75E-10	19.80742134
UQCR10	NM_013387	131.2176143	14.65187051	1.59E-08	8.955690283
CCDC138	NM_144978	102.3846393	3.678799614	8.89E-10	27.8309911
GOLPH3L	NM_018178	87.53190005	5.012696999	1.81E-07	17.46203691
MEF2BNB	NM_001145784	102.5451108	19.41152951	1.17E-05	5.282690925
SAMD3	NM_001258275	44.87916077	3.299445284	0.000552641	13.60203213
PCCB	NM_000532	181.9736822	5.531023791	9.03E-17	32.9005423
TMEM209	NM_032842	197.8593965	3.087419574	4.45E-20	64.08568443
USP12-AS2	NR_046548	57.66595002	5.099984862	8.61E-05	11.30708259
ESCO1	NM_052911	196.8264215	4.425545337	1.47E-18	44.47506612
RIN1	NM_004292	102.5451108	14.16957648	1.48E-06	7.23699194

HS1BP3	NM_022460	123.2747572	10.96290919	3.70E-09	11.24471206
TRIM52	NM_032765	268.1516643	31.05644659	1.08E-16	8.634331798
THEM6	NM_016647	236.5407072	35.71042815	3.85E-13	6.623855256
ERMARD	NM_001278533	155.3671287	9.022348716	2.12E-12	17.22025313
GABARAPL2	NM_007285	134.1560679	14.68680015	2.28E-09	9.134465406
GALT	NM_001258332	160.2110608	23.30446857	2.64E-09	6.874692737
OSGEPL1	NM_022353	77.52309288	5.865237066	5.93E-06	13.2173844
ETAA1	NM_019002	150.0417822	4.619309988	4.19E-15	32.48142743
LAMTOR4	NM_001008395	154.0132108	23.83403687	7.93E-09	6.461902009
TMEM189	NM_001162505	114.298925	13.71548219	1.17E-07	8.333569573
PLOD3	NM_001084	162.8285714	10.03381794	1.71E-13	16.22797747
WDR63	NM_145172	45.03963225	3.302061373	0.000479757	13.63985316
UHRF2	NR_046386	118.2703536	4.006848679	3.37E-10	29.5170502
ARHGAP44	NM_014859	61.6373786	4.354422016	7.54E-05	14.15512285
ZCCHC9	NM_001131035	219.4615464	5.624023168	8.69E-23	39.02216258
GATB	NM_004564	77.68356436	6.491782558	3.33E-06	11.96644584
3-Mar	NM_178450	202.7033286	5.679724738	2.59E-18	35.68893529
PHIP	NM_017934	110.3274965	2.236251589	1.12E-10	49.33590524
PTS	NM_000317	192.8549929	13.05516479	1.49E-15	14.77231395
PAXIP1-AS1	NR_028090	151.0747572	21.31006349	1.23E-08	7.089362133
CSE1L	NM_001256135	223.5934465	8.654253606	7.60E-19	25.83624847
ZC3H8	NM_032494	180.7802357	3.220914554	4.57E-18	56.12698899
DOCK1	NM_001290223	70.61321075	6.893581674	1.37E-05	10.24332692
CEP104	NM_014704	107.3890429	7.587673093	1.50E-08	14.153093
NCKAP5L	NM_001037806	107.2285714	7.426477449	1.25E-08	14.43868539
TMEM167B	NM_020141	112.3934465	9.067120625	8.25E-09	12.39571537
SPIDR	NM_001282916	125.1802357	4.121325056	1.03E-11	30.37378368
NDUFA7	NM_005001	155.2066572	17.41507074	4.59E-10	8.912203661
RBM4B	NM_001286135	166.9604715	24.12483047	1.55E-09	6.920689938
PLD1	NM_002662	125.3407072	3.772862006	7.57E-12	33.22165163
APEX2	NM_001271748	105.3230929	8.294979857	1.05E-08	12.697209
FASTKD5	NM_021826	124.3077322	8.477763121	3.05E-10	14.66279848
ACLY	NM_001096	197.698925	13.10719857	3.74E-15	15.08323262
ZNHIT1	NM_006349	122.2417822	15.69503158	4.16E-08	7.788565544
PLSCR1	NM_021105	149.0088072	5.201139385	3.66E-14	28.64926243
PNPLA6	NM_001166112	130.1846393	10.27206745	4.20E-10	12.67365503
KDM4A-AS1	NR_033827	220.6549929	20.50067358	1.25E-15	10.76330454
SGTB	NM_019072	135.1890429	4.041026883	3.14E-12	33.45413104
PRPF38B	NM_018061	259.4967751	11.0367748	1.97E-23	23.51201142
MGEA5	NM_001142434	238.7671287	11.84225965	8.95E-20	20.16229468
EXOSC4	NM_019037	255.5253465	52.53379641	1.70E-10	4.864018289
AACS	NM_023928	227.5648751	8.083378495	4.97E-20	28.15219839
RNPEP	NM_020216	201.6703536	10.30300212	1.11E-16	19.5739408
H2AFZ	NM_002106	211.5186893	28.08438649	4.01E-12	7.531540324
PRMT3	NM_001145166	165.0549929	2.959916268	2.73E-16	55.76339936
SETDB2	NM_031915	220.8154644	3.252892225	3.84E-22	67.88280986
HNRNPA1	NM_002136	236.5407072	33.26736097	1.64E-13	7.110293704
APOL2	NM_145637	59.73190005	8.582986302	0.000327239	6.959337688
ASRGL1	NM_001083926	162.9890429	5.616121113	5.60E-15	29.0216396
FBXW4	NM_022039	124.3077322	11.78677327	3.63E-09	10.5463751
SMURF1	NM_001199847	67.51428571	6.059424061	2.19E-05	11.14203017
F2R	NM_001992	98.41321075	4.280356641	5.41E-09	22.99182498
PRR12	NM_020719	73.55166431	11.94416524	0.000104352	6.157957701
MBNL2	NM_144778	48.85058935	4.516191694	0.001414009	10.81676613
APEH	NM_001640	151.0747572	29.03780688	1.94E-07	5.202691712
TIGD4	NM_145720	159.0176143	4.299274646	5.45E-17	36.98707978
HAS2-AS1	NR_002835	83.56047148	15.37571334	0.000211536	5.434575271
HTT	NM_002111	80.46154644	6.260835063	2.00E-06	12.85156782
PPP3CC	NM_001243975	183.8791608	3.72245769	6.59E-17	49.39724668
ZFYVE21	NM_024071	78.55606789	13.8466266	0.000162374	5.673300087
BCAR3	NM_001261408	54.72749646	7.260804395	0.001710959	7.537387524
TAF3	NM_031923	202.8638001	4.778187834	2.63E-18	42.4562213

C1orf52	NR_024113	149.1692786	7.11226764	1.34E-13	20.97351874
TCHP	NM_032300	58.85939651	8.770280118	0.000374642	6.711233361
C16orf71	NM_139170	87.53190005	18.89382713	0.000163251	4.632830578
TMEM115	NM_007024	141.06595	22.82078668	1.20E-07	6.18146745
STK3	NM_001256313	210.6461858	4.584605324	6.53E-19	45.94641651
RPUSD2	NM_152260	107.3890429	16.98900882	2.83E-06	6.321089361
ZNF706	NM_016096	144.1648751	12.41457713	9.91E-11	11.61254818
RNF168	NM_152617	209.6132108	6.158627763	2.84E-19	34.03570062
ZMAT3	NM_152240	114.298925	3.885501534	3.55E-10	29.41677516
CCZ1	NM_015622	175.9363036	6.768822054	4.34E-16	25.99215967
PHF20L1	NM_016018	105.6440358	3.642553161	3.73E-10	29.00274373
GSG2	NM_031965	125.3407072	21.08312731	1.45E-06	5.945071875
SH3D21	NM_001162530	86.49892504	19.27993573	0.000274755	4.486473723
PGRMC1	NM_001282621	137.0945215	7.707957666	1.35E-11	17.78610202
SCYL3	NM_020423	63.8638001	6.899906443	0.000259683	9.255748701
NSDHL	NM_015922	62.67035361	4.154521563	4.83E-05	15.08485457
RPS2	NM_002952	352.7451108	71.84245443	9.43E-15	4.909981342
POMT2	NM_013382	157.9846393	8.654479982	2.87E-13	18.25466575
ZNF691	NM_015911	108.4220179	17.56931459	3.46E-06	6.171101175
ERGIC2	NM_016570	64.73630363	2.212474976	2.50E-06	29.25967721
EMP1	NM_001423	57.66595002	7.080292201	0.000658366	8.144572058
MMAB	NM_052845	143.1319	9.354951112	1.47E-11	15.30012272
RSAD1	NM_018346	150.3627251	20.42791966	2.01E-09	7.36064796
SERPINH1	NM_001235	107.3890429	26.18701923	7.40E-05	4.100850195
DMXL1	NM_005509	109.4549929	1.398485269	1.73E-10	78.26681866
NUP153	NM_001278210	207.5472607	6.905852495	4.61E-18	30.05382187
SSR2	NM_003145	91.34285714	12.74500995	6.38E-06	7.166950633
RRP1	NM_003683	148.1363036	12.33593057	1.99E-11	12.00852281
ZNF638	NM_001252613	195.7934465	4.829795522	3.99E-18	40.53866165
SLC25A13	NR_027662	119.3033286	4.957709496	3.09E-10	24.06420318
CENPQ	NM_018132	84.59344649	2.364051954	9.02E-09	35.7832434
RDH10	NM_172037	298.1780858	10.05526399	3.95E-26	29.65392913
RGS16	NM_002928	246.3890429	5.202506208	1.01E-26	47.35968264
TTLL1	NM_012263	111.520943	8.87725255	9.50E-09	12.56255157
ZNF22	NM_006963	41.78023574	5.49643825	0.004658845	7.601329049
KLC1	NM_005552	184.9121358	8.213855547	5.19E-16	22.51222154
ZNF214	NM_013249	50.91653937	1.482281396	3.27E-05	34.35011699
EIF1AD	NM_001242484	255.3648751	14.83993616	2.93E-21	17.2079497
ZNF136	NM_003437	96.5077322	0.944369835	1.30E-11	102.1927306
UBXN8	NM_001282189	73.55166431	6.84733843	1.75E-05	10.74164291
PEX11G	NM_001270539	165.0549929	19.01069215	6.78E-11	8.682219019
SSPO	NM_198455	45.75166431	4.983669833	0.002286117	9.18031608
DGCR14	NM_022719	145.1978501	16.25259183	1.34E-09	8.933827392
INCENP	NM_020238	70.61321075	10.79578999	0.000169442	6.540809962
ACAD10	NM_001136538	127.4066572	7.072947817	2.34E-10	18.01323303
CASC5	NM_144508	162.9890429	3.929618649	4.15E-15	41.47706368
KCTD6	NM_001128214	42.81321075	1.999542909	0.000213936	21.41149887
CLN6	NM_017882	108.4220179	9.503237411	5.18E-08	11.40895605
ARRDC4	NM_183376	52.82201792	6.061391539	0.001646199	8.714503523
TLDC1	NM_020947	120.4967751	13.19915752	3.30E-08	9.129126226
NSUN3	NM_022072	91.50332862	2.98471335	8.57E-09	30.65732547
NSL1	NM_001297737	226.5319	5.378073352	1.97E-21	42.12138534
MFS11	NM_001242534	80.62201792	15.4768704	0.000359441	5.209193837
ZNF644	NM_032186	180.9407072	4.557065911	2.09E-16	39.7055278
TTI1	NM_014657	106.3560679	7.956192878	3.15E-08	13.36770859
KANSL2	NM_017822	337.7319	9.058243476	5.73E-31	37.28448026
SLC35B1	NM_005827	162.9890429	16.10248073	1.72E-11	10.12198342
AIMP1	NM_004757	66.80225365	7.02210947	0.000135772	9.513131907
CNOT3	NM_014516	69.74070721	15.55960981	0.002216765	4.482162988
PPIEL	NR_003929	133.1230929	10.84304369	3.33E-10	12.27728087
TRNP1	NM_001013642	254.1714286	32.77472634	2.76E-15	7.755104526
GRPEL2	NM_152407	172.9978501	15.81822025	2.70E-12	10.93661912

ZNF579	NM_152600	61.6373786	10.25601163	0.001576518	6.009877995
TMEM167A	NM_174909	140.353918	3.754878364	6.86E-14	37.37908512
CSNK1G1	NM_022048	73.71213579	4.667676614	6.68E-06	15.79204
CHD4	NM_001273	190.7890429	12.56128548	7.49E-15	15.18865591
SYAP1	NM_032796	161.9560679	3.362239367	7.58E-16	48.16910702
TRMT44	NM_152544	123.4352287	10.0772186	3.66E-09	12.24893828
DYNLL2	NM_080677	96.34726073	23.26181945	0.000152662	4.141862631
CAMK1G	NM_020439	45.75166431	6.252747804	0.002116738	7.317049358
MTMR9	NM_015458	244.3230929	5.721795059	4.83E-23	42.70042711
ZNF721	NM_133474	120.3363036	9.868966916	9.53E-09	12.1934043
ZNF675	NM_138330	89.59785007	2.073412037	4.25E-09	43.21275678
FAM151B	NM_205548	101.5121358	4.715643694	6.59E-09	21.52667639
TOB1	NM_005749	399.3692786	14.90418697	8.53E-37	26.79577755
NXT2	NM_001242617	115.3319	4.291158186	1.72E-11	26.87663681
ZMYM6	NM_007167	50.91653937	3.918266024	0.000121757	12.99466117
LOH12CR2	NR_024061	54.0154644	5.852764968	0.001794279	9.229050662
FAM228B	NR_111929	114.298925	9.055593552	6.97E-09	12.62191422
HAUS4	NM_001166270	217.5560679	11.92688	1.40E-18	18.24081972
TRAPPC8	NM_014939	105.4835644	3.751465679	5.43E-10	28.11796066
FKBP14	NM_017946	108.4220179	5.120062308	1.89E-09	21.17591767
RNF219	NM_024546	100.3186893	5.96787927	1.33E-08	16.80977191
SUGT1	NM_006704	100.4791608	4.534740877	7.76E-09	22.15764108
WDR53	NM_182627	108.4220179	10.76433591	1.52E-07	10.07233691
EXOC5	NM_006544	146.0703536	2.736509004	9.31E-15	53.37835666
UHRF1BP1L	NM_015054	183.8791608	3.286982594	4.01E-18	55.94162899
EXOC4	NM_021807	85.46595002	3.243995981	8.45E-08	26.34588653
PTGFRN	NM_020440	58.69892504	5.579535982	0.000125535	10.52039546
GJA3	NM_021954	98.41321075	5.836755768	7.69E-08	16.86094376
SMPDL3B	NM_001009568	55.92094295	6.508783097	0.000654366	8.591612613
ZNF776	NM_173632	78.55606789	11.61351593	0.000112219	6.764193407
ZNF208	NM_007153	19.85714286	0.042949408	0.004489335	462.3379829
HTR7P1	NR_002774	295.9516643	20.83136105	1.19E-22	14.20702486
CCBL1	NM_001122671	47.81761433	5.819787413	0.001267201	8.216385057
ATP2C2	NM_001286527	155.2066572	10.64372206	8.78E-12	14.5819908
UBOX5	NM_199415	128.2791608	6.161052263	2.03E-11	20.82098241
FANCC	NM_001243744	115.3319	5.307575075	1.13E-09	21.72967851
RAB17	NR_033308	134.1560679	8.752506644	6.85E-11	15.32773106
TET1	NM_030625	138.1274965	3.590767141	3.69E-13	38.46740572
CHMP3	NR_036454	119.3033286	5.144440891	1.43E-10	23.19072785
PURA	NM_005859	36.77583215	1.683001747	0.000364803	21.85133332
ACTN4	NM_004924	196.66595	12.87113295	5.89E-15	15.27961453
SNRNP25	NM_024571	115.3319	8.749478847	2.83E-09	13.18157368
GPR37	NM_005302	55.76047148	4.34856251	0.000125595	12.82273656
TCP11L1	NM_018393	84.59344649	10.02380204	9.80E-06	8.439257491
TMA16	NM_018352	246.3890429	6.090343038	3.93E-24	40.45569213
WDR11	NM_018117	244.8045073	4.761935463	5.73E-24	51.4086151
ANKZF1	NM_001282792	103.4176143	18.12757133	1.51E-05	5.704990064
ALS2CL	NM_001190707	264.1802357	11.97838738	1.32E-22	22.05474137
EXOC6B	NM_015189	151.2352287	2.764450709	3.00E-14	54.70715328
FANK1	NM_145235	86.10783593	6.914526566	2.98E-06	12.45317884
ZNF23	NM_145911	175.9363036	8.611455886	8.28E-16	20.43049468
AQP3	NM_004925	72.5186893	14.51134392	0.000776181	4.997379272
KIAA1324L	NM_001291991	73.55166431	2.612279767	8.25E-07	28.15612065
DMXL2	NM_015263	198.7319	2.600554548	1.15E-19	76.41904694
OTUD3	NM_015207	144.3253465	8.146033467	1.97E-12	17.71725431
SMARCD2	NM_001098426	150.2022537	31.47116644	2.52E-07	4.772694204
RINT1	NM_021930	161.9560679	6.092956771	2.33E-14	26.58086607
PSMA4	NM_001102668	220.6549929	9.866707127	5.02E-20	22.36359001
CIAO1	NM_004804	103.5780858	13.45540021	1.22E-06	7.697882205
BPHL	NR_026650	164.8945215	9.0270843	1.93E-13	18.26664247
TULP3	NM_001160408	177.8417822	7.340224316	2.49E-15	24.2283852
RSRC2	NR_036434	234.4747572	8.31769273	2.03E-21	28.18987967

TMCO1	NM_001256165	92.53630363	4.639444956	7.93E-08	19.9455548
REEP5	NM_005669	110.3274965	9.09613077	9.15E-09	12.12905787
ARAP2	NM_015230	52.66154644	1.658058477	0.000139345	31.76097054
SND1	NM_014390	255.3648751	8.3524582	1.06E-21	30.57361904
STOML2	NM_001287033	223.5934465	21.5895528	6.33E-15	10.35655757
MYLIP	NM_013262	347.7407072	9.281370065	7.32E-34	37.46652755
IMMT	NM_001100169	96.5077322	10.69860523	1.13E-06	9.020590082
STXBP4	NM_178509	136.2220179	2.636109131	3.92E-13	51.67540916
NCOA5	NM_020967	189.9165394	9.938395299	7.80E-16	19.10937668
COQ4	NM_016035	174.9033286	16.39804413	1.40E-12	10.66610915
SLC37A2	NM_001145290	49.72309288	7.705031558	0.004144798	6.453327609
BCL10	NM_003921	66.64178218	12.76015163	0.001122736	5.222648139
TRAM1	NM_014294	168.153918	7.228462067	8.65E-15	23.26275166
GJB3	NM_024009	121.3692786	25.2295344	1.03E-05	4.810603189
LPAR1	NM_001401	59.73190005	2.911313061	2.22E-05	20.5171683
ZNF770	NM_014106	274.0285714	6.586492404	5.68E-28	41.60462878
ETS1	NM_005238	127.2461858	5.768320892	2.34E-11	22.05948458
MGC72080	NR_002822	180.7802357	2.929616056	5.63E-21	61.70782529
SNHG15	NR_003697	303.1824894	22.74614202	1.58E-22	13.32896318
DNAJC9	NM_015190	229.6308251	23.83616407	4.66E-15	9.633715578
YWHAB	NM_139323	86.65939651	7.272361431	1.42E-06	11.91626645
CEP192	NM_032142	272.1230929	5.492281474	2.97E-25	49.54645791
TOMM6	NM_001134493	166.0879679	28.08570894	3.80E-08	5.913611377
TEX30	NM_001286775	274.3495144	10.10080297	2.11E-25	27.1611589
TSNAX	NM_005999	167.120943	6.698535803	1.70E-14	24.94887657
GNPAT	NM_014236	223.432975	6.614866586	1.32E-20	33.77739704
MRPS22	NM_020191	162.1165394	16.29331962	2.51E-11	9.949877812
PLEKHF1	NM_024310	112.553918	4.45851584	1.26E-10	25.24470519
HIST2H2BA	NR_027337	49.72309288	3.739495812	0.000415745	13.29673715
IRGQ	NM_001007561	133.2835644	11.90674611	3.33E-10	11.19395368
TTC26	NM_001287512	67.83522867	4.639372103	1.72E-05	14.62163999
RPN1	NM_002950	155.0461858	10.1285659	2.72E-12	15.30781232
ZNF483	NM_001007169	73.71213579	7.529389066	2.71E-05	9.789922547
COG8	NM_032382	173.8703536	35.15579488	3.10E-08	4.945709639
DPH7	NM_138778	132.5715323	7.74661294	3.52E-11	17.11348344
GLCE	NM_015554	181.1011787	2.98613779	7.23E-18	60.64729475
FAM175A	NM_139076	163.8615464	8.129970384	1.36E-13	20.15524519
MRPL4	NM_146388	142.2593965	17.09666885	3.33E-09	8.320883895
TFIP11	NM_012143	141.2264215	10.72590647	2.18E-10	13.16685185
WDR41	NM_018268	117.5583215	3.425403532	1.65E-11	34.31955402
ACTA2	NM_001141945	65.76927864	7.04220488	0.000157849	9.339302075
LOC100499484	NR_036526	215.6505893	5.083807755	1.96E-20	42.41910783
FAM86FP	NR_024254	73.71213579	14.99867924	0.000676655	4.914575117
MCM10	NM_018518	184.7516643	7.53635838	3.40E-16	24.51471321
SAFB2	NM_014649	138.1274965	15.36010141	5.25E-09	8.992616179
ERCC3	NM_000122	160.0505893	6.225053354	5.37E-14	25.71071768
RRAGB	NM_016656	78.55606789	1.916161166	1.09E-07	40.99658698
SLC41A1	NM_173854	107.3890429	8.442962089	8.95E-09	12.71935628
ZDHHC3	NM_001135179	137.2549929	9.953606085	2.49E-10	13.78947406
ZNF273	NM_021148	133.2835644	5.120986438	1.25E-12	26.02693172
NIPAL3	NM_020448	64.73630363	5.381327256	3.36E-05	12.02980242
VIMP	NM_018445	117.3978501	11.15388329	9.86E-09	10.52528944
ABCA7	NM_019112	181.9736822	23.57771302	3.27E-11	7.718037882
DCAF13	NM_015420	135.3495144	7.805845361	2.48E-11	17.33950753
AGBL3	NM_178563	186.6571429	1.95033009	1.32E-18	95.70541101
STX7	NM_003569	93.56927864	4.157754334	4.46E-08	22.50476366
ZFP91-CNTF	NR_024091	41.78023574	3.795127229	0.000856931	11.0089157
MALSU1	NM_138446	131.2176143	15.46776036	1.53E-08	8.483297601
ORC2	NR_033915	135.1890429	4.393141105	3.33E-12	30.77275227
UBA6	NM_018227	154.0132108	3.225909045	2.73E-15	47.74257693
LPAR2	NM_004720	83.72094295	15.9938504	0.000159891	5.234570841
BMI1	NM_005180	89.4373786	7.080030109	2.39E-07	12.63234439

AKAP12	NM_005100	65.76927864	4.742445689	3.88E-05	13.86821968
LAMA3	NM_001127718	63.70332862	5.354497111	6.81E-05	11.89716369
ATR	NM_001184	158.1451108	3.891305037	4.31E-14	40.6406358
FLRT3	NM_198391	22.95606789	0.539355214	0.004373483	42.56205795
HECTD3	NM_024602	129.3121358	15.25968752	2.10E-08	8.474101165
CCDC53	NM_001301107	78.71653937	1.484763531	4.58E-08	53.01621285
KIAA1751	NM_001080484	68.7077322	4.495265962	1.60E-05	15.28446432
DNAJC2	NM_001129887	181.8132108	8.557376792	2.76E-15	21.24637201
LOC100507291	NR_121608	92.53630363	4.14120745	8.58E-08	22.34524707
MTF1	NM_005955	84.75391796	8.520539917	2.50E-06	9.947012607
SNAI3-AS1	NR_024402	244.3230929	20.38814732	4.98E-18	11.98358483
OGFRL1	NM_024576	100.3186893	5.552168774	1.34E-08	18.06837893
THSD4	NM_024817	47.65714286	4.041078183	0.000313162	11.79317516
CCDC84	NR_104051	102.3846393	23.01332376	9.87E-05	4.44892882
AMZ2P1	NR_026903	213.9055823	19.72810797	8.68E-15	10.84268104
RBM28	NM_001166135	232.5692786	6.402410813	8.76E-22	36.32526644
SEPSECS	NM_016955	81.65499293	4.460729826	5.28E-07	18.30529893
PPP4R4	NM_020958	59.57142857	2.447839838	1.38E-05	24.33632611
ANKRD40	NM_052855	70.61321075	12.4130503	0.000425618	5.688626811
CRKL	NM_005207	108.5824894	7.932742915	1.30E-08	13.6878871
THNSL1	NM_024838	150.0417822	10.71218323	2.32E-12	14.00664822
POLA2	NM_002689	200.7978501	8.965681273	6.85E-17	22.39627352
RWDD2A	NM_033411	205.6417822	20.59484273	7.38E-14	9.985110588
DSP	NM_001008844	163.8615464	6.389152664	4.37E-14	25.64683536
ATPIF1	NM_178190	253.4593965	35.45735565	1.27E-13	7.148288185
WDFY1	NM_020830	74.7451108	5.847054967	5.63E-06	12.78337748
ITM2B	NM_021999	227.4044036	4.847616146	1.93E-22	46.9105632
PVRL2	NM_002856	66.64178218	10.04675036	0.000520197	6.633167918
ST6GALNAC3	NM_152996	43.84618576	3.365097464	0.001062757	13.02969267
TSNAXIP1	NM_001288994	107.3890429	8.74216065	4.34E-08	12.28403906
ZNF79	NM_001286696	152.2682037	12.89061968	2.35E-11	11.81232613
TMED4	NM_182547	229.4703536	30.93840737	8.64E-13	7.417006017
CMC4	NM_001018024	59.57142857	4.649470842	3.10E-05	12.81251794
OPHN1	NM_002547	82.52749646	1.634562871	1.30E-07	50.48903162
TSPAN15	NM_012339	141.2264215	8.342317621	1.72E-11	16.92891927
BIN3	NM_018688	109.2945215	11.09901754	1.03E-07	9.847224864
DLL4	NM_019074	262.2747572	15.19543366	8.22E-22	17.26010346
EID1	NM_014335	169.0264215	9.645922526	6.36E-14	17.52309549
JAK1	NM_002227	73.55166431	7.654785965	3.26E-05	9.608585353
PTRF	NM_012232	202.7033286	11.72662467	1.14E-16	17.28573518
BDKRB2	NM_000623	56.63297501	5.796137257	0.000197281	9.770813301
RPL21P28	NR_026911	164.8945215	16.0811337	9.07E-12	10.25391148
PARP2	NM_001042618	549.2505893	12.15865694	8.44E-57	45.17362338
TBPL1	NM_001253676	105.3230929	8.04047356	2.45E-08	13.09911563
ZNF767P	NR_027788	164.0220179	8.926584983	1.47E-13	18.37455401
ST3GAL4-AS1	NR_033839	117.2373786	12.43487284	2.60E-08	9.428112383
FAM60A	NM_001135811	187.8505893	7.215936119	1.32E-16	26.03274007
TANGO6	NM_024562	157.9846393	4.079449938	7.72E-14	38.72694646
BRWD1	NM_001007246	126.2132108	5.439647168	3.00E-11	23.20246274
DLG1-AS1	NR_038289	167.9934465	23.68222953	3.70E-10	7.093649956
TJAP1	NM_001146016	121.2088072	14.89970675	1.48E-07	8.134979381
PHACTR4	NM_023923	47.97808581	6.433494193	0.001332212	7.457547076
NINJ1	NM_004148	237.4132108	15.46226114	2.72E-18	15.35436561
IFT81	NM_001143779	73.71213579	3.481442759	7.50E-07	21.17287024
RFTN1	NM_015150	46.78463932	4.874425759	0.002539278	9.597979667
PDZD8	NM_173791	96.66820368	4.379256517	3.41E-08	22.07411311
ATG9A	NM_024085	110.3274965	12.86582252	2.53E-07	8.575238486
FAM122B	NM_001170756	69.58023574	4.254290622	1.04E-05	16.35530854
UNC50	NM_014044	179.9077322	16.34101367	1.02E-12	11.00958214
PRPF39	NM_017922	227.5648751	4.55508469	1.65E-23	49.958429
GCC1	NM_024523	222.720943	23.14925093	8.14E-15	9.621086386
F2RL1	NM_005242	213.7451108	8.283952298	6.78E-20	25.80231067

TSPYL2	NM_022117	155.0461858	6.358262432	8.23E-15	24.38499314
OPLAH	NM_017570	66.80225365	11.5035728	0.000968718	5.807087486
HMG20B	NM_006339	152.9802357	34.36809421	5.25E-07	4.451228363
ALG2	NM_033087	252.4264215	11.22442622	8.96E-23	22.48902674
TMEM70	NM_017866	322.0066572	15.16303193	4.98E-28	21.23629751
TSHZ1	NM_005786	43.84618576	3.588636524	0.000935775	12.21806262
GTF2E1	NM_005513	70.77368223	4.773141981	7.70E-06	14.82748314
LOC100996348	NR_121631	159.0176143	6.888023404	1.85E-14	23.0861025
BCKDHB	NM_183050	255.3648751	3.418375129	1.06E-24	74.70358443
ZBTB3	NM_024784	139.1604715	19.3314024	2.08E-08	7.198674396
XPOT	NM_007235	71.64618576	6.933435171	4.53E-05	10.33343271
RARA	NM_001145302	90.47035361	15.47722189	4.45E-05	5.845387129
LOC101927621	NR_110708	141.06595	15.39724201	9.82E-09	9.161767411
ZDHHC24	NM_207340	118.2703536	29.08370484	7.05E-05	4.06655047
NOC4L	NM_024078	85.46595002	6.007286209	2.09E-07	14.22704813
LOH12CR1	NM_001300742	170.219868	4.291674686	1.46E-15	39.66280775
STX8	NR_033656	90.63082508	4.393499111	1.76E-07	20.62839272
SERTAD3	NM_203344	200.6373786	27.49254721	2.84E-11	7.297882478
EXOSC10	NM_001001998	169.0264215	9.158411136	9.46E-14	18.4558674
POLR2J4	NR_003655	149.1692786	11.4518519	2.76E-11	13.02577783
EIF4G2	NM_001418	216.8440358	16.50009812	3.27E-16	13.14198463
GTSF1	NM_144594	160.0505893	5.926921373	4.65E-15	27.00400078
UBXN2B	NM_001077619	146.0703536	3.014755749	2.91E-15	48.45180365
GRWD1	NM_031485	87.53190005	17.60652306	0.000105274	4.97156081
GMCL1	NM_178439	120.4967751	4.026128417	8.26E-11	29.92869641
TAF2	NM_003184	209.7736822	4.964030295	2.87E-19	42.25874335
PADI2	NM_007365	60.60440358	8.329801001	0.000505165	7.275612416
IREB2	NM_004136	138.1274965	5.359462536	2.88E-12	25.77263961
CHM	NM_001145414	43.84618576	2.300943639	0.000861116	19.05574088
MRPS30	NM_016640	129.3121358	9.069023641	1.06E-10	14.25866123
SOCS3	NM_003955	113.4264215	23.4318705	1.23E-05	4.840690012
C16orf70	NM_025187	165.0549929	9.172350751	2.42E-13	17.99484095
OVOL1	NM_004561	64.73630363	11.13930331	0.000994978	5.811521765
MRPS17	NM_015969	191.6615464	14.17757932	8.16E-15	13.51863686
GGPS1	NM_001037277	80.46154644	8.54530853	1.85E-05	9.415873769
PIM1	NM_001243186	110.3274965	15.19659355	1.16E-06	7.260014959
STAU1	NM_017452	152.9802357	6.358568086	7.84E-14	24.0589129
PPIC	NM_000943	192.8549929	15.34738661	3.13E-14	12.56598259
COIL	NM_004645	164.1824894	7.775316313	1.02E-13	21.11585983
UQCRH	NM_001297565	113.4264215	12.99180382	4.86E-08	8.730613782
LPAR5	NM_020400	74.7451108	9.27587893	6.99E-05	8.05800845
PLA2G7	NM_001168357	67.83522867	6.0879334	1.46E-05	11.14257076
PRICKLE3	NM_006150	107.2285714	21.49663473	9.44E-06	4.988156183
GAA	NM_001079804	103.4176143	18.715103	1.25E-05	5.525890738
SETD8	NM_020382	58.85939651	12.1553711	0.001508292	4.842254181
RPL37	NM_000997	217.7165394	24.52560711	4.44E-14	8.877111109
PTCD1	NM_015545	143.2923715	15.34269386	1.01E-09	9.339453219
CCSAP	NM_145257	111.2	13.28212971	1.65E-07	8.372151336
PPP1R2	NM_001291504	217.5560679	7.662533609	3.46E-19	28.39218449
ZNF213	NM_001134655	165.9274965	14.29232793	1.72E-12	11.60955005
RPS26	NM_001029	228.5978501	51.42012499	4.63E-09	4.445688339
ABHD3	NM_138340	205.6417822	7.297833854	3.53E-18	28.17846861
C8orf44-SGK3	NM_001204173	102.5451108	6.809956282	1.44E-08	15.05811587
DHX34	NM_014681	144.1648751	8.661187041	3.27E-11	16.64493266
TMEM216	NM_016499	171.9648751	15.73573182	1.40E-12	10.92830489
TAX1BP1	NM_006024	174.9033286	3.270097478	2.21E-17	53.48566205
POP5	NM_015918	189.7560679	24.58613475	7.56E-11	7.718011385
NAGPA-AS1	NR_038913	98.57368223	12.86203303	2.66E-06	7.663927
THUMPD3	NM_015453	209.6132108	11.87746248	4.58E-17	17.6479792
NUP85	NM_024844	199.7648751	16.00971855	6.99E-15	12.4777256
METAP1	NM_015143	126.2132108	4.848338455	3.99E-11	26.03226073
C6orf120	NM_001029863	209.6132108	14.65023283	3.38E-16	14.3078416

CSRP2	NM_001300965	205.6417822	7.79532614	1.42E-18	26.38013837
RSG1	NM_030907	131.2176143	16.22431216	1.45E-08	8.087715095
CALR3	NM_145046	56.95391796	4.442107193	0.000111607	12.82137407
SUCLG1	NM_003849	79.74951438	7.415649153	6.90E-06	10.75421891
NAT10	NM_001144030	141.2264215	9.126085762	8.73E-11	15.47502677
MRPL48	NM_016055	279.1934465	6.460397702	1.81E-25	43.21613921
MRS2	NM_020662	193.8879679	6.165819832	2.01E-18	31.44561035
NGRN	NR_028052	226.5319	16.08198109	6.79E-18	14.0860693
TATDN1	NR_027427	236.5407072	11.40152517	4.23E-19	20.74640924
ENTPD5	NM_001249	180.7802357	8.276955067	1.73E-15	21.84139388
GADD45GIP1	NM_052850	195.7934465	37.56862988	2.37E-09	5.211620629
LDHD	NM_153486	131.3780858	16.18057357	3.71E-08	8.119494978
SPATA7	NM_001040428	131.2176143	1.243073241	1.68E-14	105.559037
TASP1	NM_017714	183.8791608	3.155010006	1.42E-17	58.28164108
AGO1	NM_012199	174.9033286	8.784944123	3.47E-14	19.90944122
TTC38	NM_017931	161.0835644	11.61358589	4.10E-12	13.87026935
TRMT11	NM_001031712	208.7407072	3.607974948	1.55E-20	57.85536491
MRPS31	NM_005830	221.5274965	4.495703148	3.51E-22	49.27538345
OSBPL11	NM_022776	183.0066572	4.393887944	3.84E-17	41.65027866
GCLM	NM_002061	41.78023574	2.230592547	0.000497822	18.73055471
STPG2	NM_174952	67.83522867	1.651105572	3.58E-06	41.08473123
RPF2	NM_032194	128.2791608	5.557223798	1.51E-11	23.08331739
RPL7L1	NM_198486	128.1186893	12.11712949	1.69E-09	10.57335315
PPM1G	NM_177983	128.1186893	10.05680329	8.09E-10	12.73950435
NKAIN3	NM_173688	42.81321075	0.947784963	0.000130071	45.17186117
USP5	NM_003481	158.1451108	12.43413235	1.39E-11	12.71862856
CDCA7	NM_031942	133.1230929	10.21114324	3.55E-10	13.03704098
TMED9	NM_017510	160.9230929	13.71642471	5.25E-12	11.73214568
FZD1	NM_003505	110.4879679	10.85626733	8.38E-08	10.17734407
PHOSPHO2-KLHL23	NM_001199290	191.8220179	8.415170855	1.47E-16	22.7947859
USP48	NM_001032730	159.0176143	6.651532955	1.32E-13	23.9069122
HMG2	NM_005517	187.8505893	30.82835765	4.18E-10	6.093434865
FAM21A	NM_001291398	100.4791608	3.075434881	1.12E-09	32.67152928
LEPROT	NM_001198681	92.53630363	6.749770655	2.09E-07	13.70954783
RASA2	NM_006506	120.3363036	2.584182078	1.46E-11	46.56649569
ACAA1	NM_001130410	98.57368223	11.56790698	1.12E-06	8.52130661
CKAP2	NM_001098525	123.2747572	8.110011893	2.40E-10	15.20031768
KIF13B	NM_015254	78.55606789	4.485125947	3.60E-06	17.51479642
GEMIN5	NM_001252156	158.1451108	4.706186584	1.28E-14	33.6036636
RB1CC1	NM_001083617	102.5451108	2.920983101	7.49E-10	35.10636908
FHIT	NM_002012	93.56927864	2.103214998	1.25E-08	44.48868934
SLC25A16	NM_152707	178.0022537	8.030000434	2.41E-15	22.16715368
UNC79	NM_020818	113.26595	3.136257526	1.18E-10	36.11500302
MED17	NM_004268	218.5890429	7.257826492	1.49E-20	30.11770027
ALDH1B1	NM_000692	175.9363036	10.89542278	7.12E-15	16.14772617
SHPRH	NM_173082	38.84178218	2.408790465	0.001650178	16.12501491
GFM2	NM_170681	112.553918	6.242838535	4.36E-09	18.02928545
EEF1A1	NM_001402	2632.986997	371.2964169	3.03E-143	7.091334246
RAET1K	NR_024045	130.1846393	11.48022679	7.14E-10	11.33990135
MOB3A	NM_130807	161.0835644	14.59746391	2.83E-11	11.03503769
ADAP2	NM_018404	66.64178218	8.602909197	0.000149845	7.746423989
L3MBTL1	NM_032107	226.5319	12.28831456	2.65E-18	18.43474132
LOC553103	NR_110997	161.9560679	6.165114597	7.18E-15	26.2697579
CLK1	NM_001162407	212.5516643	9.941031972	3.11E-18	21.38124743
FAM86C2P	NR_024249	145.0373786	7.631813103	1.45E-12	19.00431479
GTF2A2	NM_004492	234.4747572	5.320624069	4.86E-24	44.06903291
EME1	NM_001166131	275.2220179	30.86317287	1.27E-17	8.917489434
CCNK	NM_001099402	181.8132108	8.406097347	2.20E-15	21.6287301
SLC9A3R1	NM_004252	378.4791608	24.57123939	4.43E-28	15.40334026
FAM110C	NM_001077710	75.61761433	5.071670681	3.04E-06	14.90980371
HERC5	NM_016323	92.53630363	3.997625165	7.56E-08	23.14781897
AGPS	NM_003659	133.2835644	1.542800779	2.83E-13	86.39065147

NDUFS6	NM_004553	157.1121358	11.0434798	2.01E-12	14.22668748
KATNA1	NM_007044	162.1165394	6.130266388	5.68E-14	26.4452683
SEC14L2	NM_001291932	210.6461858	19.14514113	1.83E-14	11.00259248
NFE2L3	NM_004289	158.8571429	18.50235717	2.29E-10	8.585778634
MIATNB	NR_110543	96.66820368	7.030766918	2.65E-07	13.74931139
ZNF766	NM_001010851	83.56047148	6.952625851	2.63E-06	12.01854857
GALM	NM_138801	57.8264215	9.34775298	0.000928041	6.18613068
MCM8-AS1	NR_110101	123.2747572	7.61110633	6.32E-10	16.1966936
CTTN	NM_005231	159.0176143	14.50145308	4.57E-11	10.96563313
LSM1	NR_045493	143.1319	10.53084861	4.33E-11	13.59167769
PCTP	NM_021213	210.8066572	8.492930104	1.46E-18	24.82142849
PLA2G16	NM_007069	120.3363036	7.338079519	9.88E-10	16.39888248
SPATA20	NM_001258372	99.60665724	15.37304142	1.01E-05	6.479307154
USF1	NM_007122	152.9802357	15.51915609	1.04E-10	9.857509964
LMAN1	NM_005570	130.1846393	5.187862854	3.36E-12	25.09407881
PPP1R37	NM_019121	113.4264215	8.938205473	5.35E-09	12.69006646
EDEM1	NM_014674	176.9692786	8.05631194	1.16E-15	21.96653754
RERE	NM_012102	223.5934465	5.232059544	6.58E-20	42.73526412
WDR90	NM_145294	62.67035361	7.695330449	0.000198139	8.143945737
XRN2	NM_012255	154.8857143	3.803997962	4.68E-14	40.7165608
BAZ1A	NM_013448	66.64178218	5.545186658	4.00E-05	12.01795111
MESDC1	NM_022566	175.9363036	15.5899646	1.55E-12	11.28522791
DTYMK	NR_033255	104.4505893	21.69767726	4.50E-05	4.813906487
C4orf33	NM_001099783	84.43297501	1.52959185	6.17E-10	55.19967631
TTC9C	NM_173810	72.67916077	7.546941637	1.73E-05	9.630279956
FNIP1	NM_133372	111.520943	4.125495301	1.74E-09	27.03213428
DEPDC1B	NM_018369	149.1692786	3.593945574	1.77E-14	41.50571442
PRKCQ-AS1	NR_036502	101.5121358	2.375913002	6.94E-12	42.72552729
LOC100270746	NR_026776	160.9230929	34.36060747	2.88E-05	4.68335995
SIRT6	NM_016539	91.50332862	14.5838578	1.73E-05	6.274288317
DEPDC1-AS1	NR_110671	132.2505893	4.457685833	4.44E-12	29.66799239
UROS	NM_000375	239.4791608	15.13774699	1.22E-18	15.82000023
MRT04	NM_016183	111.3604715	19.99145604	3.93E-06	5.570403239
GSK3B	NM_002093	171.9648751	3.907520063	2.54E-16	44.0086992
NBPF25P	NR_104217	71.73651108	14.47499327	0.000687368	4.955892536
ISG20	NM_002201	73.71213579	10.09653845	7.23E-05	7.300733433
CLCN7	NM_001114331	73.71213579	7.408368826	2.17E-05	9.949846925
VPS16	NM_080413	77.52309288	8.231119541	1.14E-05	9.418292675
WDR62	NM_001083961	72.67916077	10.64314812	0.000192779	6.828727735
LINC01185	NR_033980	134.1560679	7.003956943	2.68E-11	19.15432505
CRY1	NM_004075	44.87916077	4.11607769	0.000526087	10.90338039
NDUFA13	NM_015965	170.0593965	11.54126203	2.01E-13	14.73490474
EDEM2	NM_018217	145.3583215	7.656550277	1.93E-12	18.98483211
PERP	NM_022121	209.6132108	6.239355211	1.66E-20	33.59533216
TMF1	NM_007114	135.1890429	5.232897279	1.80E-12	25.83445378
ZMAT5	NM_019103	199.7648751	9.916017299	9.02E-17	20.14567634
IKBKE	NM_001193322	52.98248939	9.362412629	0.001400058	5.659063694
TMSB15A	NM_021992	86.49892504	3.070871304	8.45E-09	28.16755132
AUP1	NM_181575	130.1846393	24.47506993	2.36E-06	5.319071189
DDIT4L	NM_145244	164.8945215	11.21643546	2.40E-13	14.7011519
EFR3A	NM_015137	323.0396323	3.674191891	1.46E-31	87.92127407
ERBB3	NM_001005915	174.7428571	11.9615764	7.90E-14	14.60868127
OAZ2	NM_001301302	187.6901179	17.23885033	1.35E-13	10.88762384
NR4A3	NM_173199	131.2176143	10.09715153	4.85E-10	12.99550809
DDX6	NM_001257191	83.56047148	5.498191068	6.41E-07	15.19781151
EFNA4	NM_182690	243.2901179	11.16030055	1.71E-21	21.79960269
TFAP2E	NM_178548	152.9802357	13.58852309	7.17E-11	11.2580473
FAM24B-CUZD1	NR_037915	92.69677511	4.999594821	8.87E-08	18.5408575
SOX4	NM_003107	208.5802357	16.9293252	2.68E-15	12.32064676
KLHL12	NM_021633	305.0879679	7.440844018	2.20E-28	41.00179593
DTD1	NM_080820	70.77368223	3.423708307	1.74E-06	20.67164486
ELF3	NM_001114309	257.4308251	21.76763485	1.87E-18	11.82631126

ESYT1	NM_015292	186.8176143	17.81571695	3.12E-13	10.48611262
LINC01057	NR_104131	90.47035361	4.914276362	1.58E-07	18.40970001
TSC22D2	NM_014779	109.2945215	4.355972212	1.47E-09	25.09072973
EPC2	NM_015630	78.55606789	2.692953046	4.10E-07	29.17097571
FRY-AS1	NR_103839	75.61761433	7.436311338	2.41E-05	10.16869936
AMACR	NM_014324	268.4726073	6.540097925	3.40E-26	41.05024272
UGGT2	NM_020121	158.1451108	2.766220349	4.84E-15	57.17010609
BRPF1	NM_004634	110.3274965	10.48634213	2.00E-08	10.52106588
DNAJB9	NM_012328	96.66820368	17.60091626	3.09E-05	5.492225645
WDR36	NM_139281	116.3648751	3.099010943	5.86E-12	37.54903652
CENPH	NM_022909	209.7736822	6.213927654	2.61E-20	33.75862963
LOC100287944	NR_040246	222.5604715	4.206196112	3.86E-20	52.91252846
SFN	NM_006142	297.1451108	59.16633143	3.10E-11	5.022199343
CBX2	NM_032647	141.2264215	20.63723153	7.31E-08	6.84328328
CNBP	NM_001127193	181.1011787	10.81307686	9.36E-15	16.74834841
VPS28	NM_183057	245.5165394	33.64112274	4.02E-14	7.298107774
EID2B	NM_152361	150.0417822	12.81726427	1.13E-10	11.70622521
KLHL7	NR_033329	213.7451108	7.859857659	1.61E-19	27.19452693
ZNF680	NM_001130022	137.0945215	4.716955479	1.01E-12	29.06419661
CDCA4	NM_017955	126.2132108	16.01752692	6.89E-08	7.879694001
POLR3G	NM_006467	172.8373786	2.980492543	3.46E-17	57.98953566
MDP1	NM_001199822	165.9274965	27.28611503	1.85E-08	6.081023125
DCDC1	NM_181807	78.55606789	2.225287742	3.26E-07	35.30153265
DEFA4	NM_001925	32.80440358	1.819821404	0.004962522	18.02616648
PDLIM7	NM_213636	301.1165394	24.1152329	9.12E-22	12.48656982
PRKCH	NM_006255	103.4176143	5.044323017	1.40E-08	20.5017827
TMOD3	NM_014547	210.6461858	3.640640647	3.96E-20	57.85964785
MAP1B	NM_005909	71.80665724	4.914303007	1.11E-05	14.61176837
CNNM2	NM_199077	203.7363036	13.1979934	2.41E-16	15.4369151
GHITM	NM_014394	86.65939651	6.069695542	6.42E-07	14.27738771
LNX1	NM_001126328	79.42857143	5.418567526	1.87E-06	14.65859216
PRUNE	NM_021222	150.2022537	7.203698268	3.02E-13	20.85071418
ABCD1	NM_000033	126.2132108	6.124812206	5.83E-11	20.6068703
ARPC4	NM_005718	176.9692786	14.7492314	1.01E-12	11.99854242
ARHGAP4	NM_001164741	80.62201792	5.471601072	5.91E-07	14.73463011
LINC01106	NR_027244	161.9560679	13.17202179	5.54E-12	12.29546006
SIL1	NM_001037633	199.7648751	7.108035859	8.44E-17	28.10408938
ARHGAP1	NM_004308	207.7077322	9.783834052	3.22E-18	21.22968676
RRAS2	NM_001177315	56.63297501	3.398069514	3.73E-05	16.66622027
RGP1	NM_001080496	107.3890429	18.11316185	5.13E-06	5.928785036
MYH9	NM_002473	241.3846393	10.32140356	8.40E-20	23.38680374
GPAM	NM_020918	287.1363036	6.099746941	5.68E-28	47.07347803
CCZ1B	NM_198097	188.7230929	6.874671614	2.56E-17	27.45194294
PLAA	NM_001031689	117.2373786	5.980161852	2.35E-10	19.6043822
FTSJ3	NM_017647	281.2593965	45.91211884	2.58E-14	6.126038258
C10orf35	NM_145306	82.52749646	16.34291208	0.000282604	5.049742425
MDN1	NM_014611	143.1319	5.650107963	1.94E-12	25.33259559
NPPC	NM_024409	55.76047148	5.395017534	0.000108039	10.33554963
FKBP1B	NM_004116	121.2088072	10.42731739	1.02E-08	11.62416014
LOC100129917	NR_036512	211.6791608	20.33049774	1.45E-13	10.41190253
VTA1	NM_001286371	104.4505893	3.509438632	3.62E-10	29.76276274
ATP5L	NR_033759	60.76487506	9.79843026	0.00088174	6.201490795
MTIF2	NM_001005369	181.9736822	7.498975137	2.45E-16	24.2664736
DFNB31	NM_015404	108.4220179	8.545401599	2.43E-08	12.68776156
MTSS1	NM_001282974	84.59344649	10.16317934	1.40E-05	8.323521965
UTP15	NM_032175	90.63082508	2.010784899	3.02E-10	45.07236211
TACO1	NM_016360	213.5846393	15.49491234	2.43E-16	13.78417862
RAB3B	NM_002867	92.53630363	6.934234081	8.22E-07	13.34484855
C2orf73	NM_001100396	58.85939651	2.916550476	1.05E-05	20.18116847
PLK1	NM_005030	143.1319	16.03753502	1.62E-09	8.924806702
NCAPG	NM_022346	122.2417822	5.58657047	3.76E-11	21.88136404
TSTD2	NM_139246	110.3274965	9.188990476	3.89E-08	12.00648719

FBXO33	NM_203301	56.63297501	3.676371076	2.79E-05	15.40458616
ZNF860	NM_001137674	80.46154644	7.476501801	2.09E-06	10.7619243
MYSM1	NM_001085487	140.1934465	5.186282951	8.32E-13	27.03158463
SMPD2	NM_003080	180.9407072	27.11921486	5.31E-10	6.672048145
FAM114A2	NM_018691	171.9648751	3.430598479	1.18E-16	50.12678578
GNL3L	NM_019067	85.46595002	5.804137133	3.09E-07	14.7250053
ERN1	NM_001433	245.5165394	11.24833322	2.11E-20	21.82692622
CERS6	NM_001256126	49.88356436	3.945807998	0.000305789	12.64216718
PRMT7	NM_001290018	178.8747572	8.499137634	1.42E-15	21.04622432
SNRNP27	NM_006857	146.0703536	7.14282206	5.91E-13	20.44994995
RPL29	NM_000992	260.3692786	27.47082305	5.06E-16	9.478029768
ARL14EP	NM_152316	192.8549929	5.390589509	1.66E-19	35.77623423
SNHG5	NR_003038	300.9560679	46.26393151	3.09E-14	6.505198716
ZNF131	NR_123720	177.8417822	6.810622548	2.54E-15	26.11241203
RNF25	NM_022453	155.2066572	16.49757639	2.31E-10	9.407845953
OSMR-AS1	NR_109951	141.2264215	4.908402928	3.11E-12	28.7723774
SLC20A1	NM_005415	276.0945215	12.2146285	6.24E-24	22.60359547
POMGNT2	NM_032806	143.1319	10.32952032	3.05E-11	13.8565873
PSMD3	NM_002809	122.4022537	15.62153917	5.45E-08	7.83547974
RPL32	NM_001007073	168.86595	27.57399702	3.08E-09	6.124101264
TRIM37	NM_001005207	212.5516643	5.953219767	2.83E-19	35.70364821
YWHAQ	NM_006826	191.8220179	7.060797443	6.82E-17	27.1671889
C4orf36	NM_144645	100.3186893	3.288481855	8.03E-10	30.50607962
VPS4B	NM_004869	143.1319	6.387526418	2.92E-12	22.40803258
HEMK1	NM_016173	108.4220179	12.09453866	1.95E-07	8.964543498
FAM212A	NM_203370	171.8044036	32.90601885	1.93E-07	5.221063184
QRICH1	NM_198880	107.5495144	9.56169575	1.09E-07	11.24795404
SNAPC5	NM_006049	162.9890429	13.50656481	2.59E-12	12.06739428
LINC00630	NR_038988	103.4176143	2.022664745	6.56E-10	51.12938988
LOC101929655	NR_120365	38.84178218	3.496743961	0.001827618	11.10798578
ZZZ3	NM_015534	143.1319	3.712310736	8.54E-14	38.55601275
SERAC1	NR_073096	141.06595	3.814354848	6.40E-13	36.98291209
PHLDB3	NM_198850	100.4791608	11.36734681	4.89E-07	8.839279955
COPS2	NM_004236	123.4352287	2.973026991	6.91E-12	41.51836799
IDE	NM_004969	211.6791608	4.882087939	2.02E-19	43.35832607
TMEM255B	NM_182614	89.4373786	4.430539183	1.70E-07	20.18656757
TNFRSF10C	NM_003841	72.83963225	2.742315034	1.24E-06	26.56136562
RASA3	NM_007368	47.81761433	7.412543599	0.004890057	6.450904968
TRAM2	NM_012288	209.6132108	9.937379147	5.28E-17	21.09340981
MTOR	NM_004958	147.9758322	7.575489985	4.88E-12	19.53349981
MRPS6	NM_032476	184.7516643	6.254602597	4.57E-16	29.53851367
TRIM72	NM_001008274	101.3516643	20.92851967	4.76E-05	4.842753615
EIF3I	NM_003757	132.2505893	11.87911313	1.68E-09	11.1330356
BEND3	NM_001080450	41.94070721	6.385036617	0.004141079	6.568593061
LOC728323	NR_024437	132.0901179	1.688938354	1.35E-13	78.20896339
EMB	NM_198449	64.73630363	3.183275369	3.69E-06	20.33638191
FAM43A	NM_153690	239.4791608	4.019844918	2.32E-27	59.57422878
CAV1	NM_001753	94.60225365	6.791423074	2.84E-07	13.92966579
FARS2	NM_006567	43.84618576	2.779277877	0.001054763	15.77610721
COMMD3	NM_012071	173.8703536	13.42706216	4.45E-13	12.94924768
LRP12	NM_013437	43.84618576	0.720777312	7.40E-05	60.83180623
ARHGAP10	NM_024605	39.87475719	3.447744691	0.001937439	11.56546112
ATAD1	NM_032810	158.1451108	3.076212177	6.41E-16	51.40903869
IL17RB	NM_018725	164.8945215	12.4711478	6.97E-13	13.2220806
VMAC	NM_001017921	101.5121358	11.91896918	4.45E-07	8.516855295
SEMA3G	NM_020163	171.8044036	14.63231476	2.06E-12	11.74143711
GOLGA2	NM_004486	102.3846393	19.14826591	1.33E-05	5.346940542
R3HDM4	NM_138774	52.66154644	7.75655916	0.00205045	6.789292179
ID2	NM_002166	315.9692786	49.97770224	5.82E-16	6.322204993
PARP4	NM_006437	258.3033286	5.626581058	3.32E-24	45.90768816
ANGEL1	NM_015305	191.8220179	7.064162746	1.08E-17	27.1542467
PER1	NM_002616	123.4352287	14.47251955	3.06E-08	8.528938462

KIF15	NM_020242	106.3560679	3.620561123	4.52E-10	29.37557585
TAF7	NM_005642	231.5363036	20.74727814	8.40E-16	11.15983996
POM121C	NM_001099415	191.8220179	13.95855171	1.81E-14	13.74225793
ZNF326	NM_182975	266.2461858	1.005077155	5.61E-39	264.9012412
TFPT	NM_013342	143.1319	35.41811445	6.61E-06	4.041206097
NRBF2	NM_001282405	238.4461858	6.340704696	1.73E-22	37.60562859
MIPEP	NM_005932	140.1934465	4.785973767	3.14E-12	29.29256476
EED	NM_152991	233.6022537	6.543705536	4.94E-22	35.69877226
TMEM185B	NM_024121	120.3363036	21.74059301	3.88E-06	5.535097575
SYNE4	NM_001039876	149.1692786	19.74678172	6.35E-09	7.554105817
SLC25A39	NM_016016	83.72094295	10.2095294	1.02E-05	8.200274435
TMEM170A	NM_145254	296.9846393	12.95772361	4.02E-25	22.91950718
DSCR3	NM_006052	56.63297501	7.733497088	0.000849548	7.32307446
SLCO4A1	NM_016354	78.55606789	13.2057122	0.000190996	5.948643036
CFAP43	NM_025145	172.9978501	8.208490616	1.37E-14	21.07547638
ASXL2	NM_018263	84.59344649	3.819940274	6.36E-08	22.14522752
C12orf10	NM_021640	208.5802357	18.23106989	2.37E-15	11.4409213
FHOD1	NM_013241	225.6593965	30.12629569	2.64E-13	7.490446182
ARHGAP23	NM_001199417	73.55166431	8.073561581	3.07E-05	9.110188059
PIAS2	NM_173206	86.49892504	4.025930714	4.49E-07	21.485448
GPAA1	NM_003801	205.6417822	33.59898035	1.75E-10	6.120476872
DCUN1D5	NM_032299	167.832975	3.352187102	1.44E-16	50.06670866
OTUD6B-AS1	NR_110439	45.91213579	2.832631136	0.000377352	16.20830019
WDR18	NM_024100	74.7451108	7.518780608	8.87E-06	9.941121399
EPS8	NM_004447	187.8505893	3.710169909	2.91E-18	50.63126325
YARS	NM_003680	162.1165394	10.75854917	6.81E-13	15.06862467
GATA2-AS1	NR_125398	132.2505893	10.62533909	7.51E-10	12.44671706
KMT2E	NM_182931	106.3560679	4.55497988	5.22E-09	23.34940454
FBXO30	NM_032145	109.2945215	3.832155135	1.25E-10	28.52038021
NOL6	NM_022917	163.8615464	13.26842102	2.92E-12	12.34973974
ADPRHL2	NM_017825	236.5407072	16.82720011	1.75E-18	14.05704489
DDX60	NM_017631	47.81761433	2.424551478	0.000256423	19.72225163
ZBTB33	NM_006777	110.3274965	5.360746206	5.74E-10	20.58062296
KIAA2026	NM_001017969	42.97368223	2.748725385	0.000914505	15.63403986
PEX26	NM_017929	63.8638001	9.545314426	0.000633204	6.690591556
ADPRM	NM_020233	157.9846393	7.556447783	7.65E-14	20.90726276
FUOM	NM_001098483	68.54726073	13.20398318	0.001230637	5.19140776
RIPK2	NM_003821	298.1780858	5.28605216	7.61E-30	56.40846453
SH3BP1	NM_018957	57.66595002	10.11738583	0.002202322	5.699688731
NFRKB	NM_001143835	186.8176143	8.516460397	1.31E-15	21.9360633
TUBGCP6	NM_020461	121.2088072	8.965585908	4.60E-09	13.51934033
KEAP1	NM_203500	100.4791608	16.13306336	6.16E-06	6.228151377
JRKL	NM_001261833	152.4286752	5.571717313	9.73E-15	27.35757516
SLC9C1	NM_183061	60.76487506	1.993205382	2.00E-05	30.48600792
TSPAN31	NM_005981	111.3604715	23.50289648	2.17E-05	4.738159467
NECAP1	NR_024260	133.1230929	7.910267386	4.50E-11	16.82915209
ZNF446	NM_017908	134.4770108	24.57851516	4.85E-07	5.471323632
COX8A	NM_004074	140.1934465	21.19149378	2.75E-07	6.615552821
MED11	NM_001001683	316.8417822	9.278447066	6.86E-30	34.14814785
SNRPF	NM_003095	165.9274965	7.800015249	2.92E-15	21.27271437
MARCKSL1	NR_052852	162.8285714	40.66061971	2.98E-06	4.004576728
CRYM-AS1	NR_026675	101.3516643	10.14150775	2.88E-07	9.993747161
GLIPR1L1	NM_152779	45.75166431	1.725215599	0.000282922	26.51938942
CLCN3	NM_001829	152.1077322	3.216965765	7.48E-15	47.28298132
ENPP5	NM_001290072	191.8220179	4.05483077	5.70E-21	47.30703421
WDSUB1	NM_152528	41.94070721	3.479501543	0.000856931	12.05365386
PHYH	NM_001037537	65.76927864	9.490738497	0.000451858	6.929837827
H2AFY2	NM_018649	96.5077322	8.112911492	2.26E-07	11.89557316
SDCCAG8	NM_006642	209.6132108	4.369455963	8.42E-19	47.97238203
STX18-AS1	NR_037888	239.4791608	6.752934007	9.79E-21	35.46297958
ZSCAN21	NM_145914	158.1451108	14.48217212	2.17E-11	10.91998558
ZNF41	NM_153380	76.49011787	4.07119808	1.73E-06	18.78811012

HRSP12	NM_005836	296.9846393	6.100656551	1.83E-30	48.68076687
RPS4X	NM_001007	161.9560679	13.44526326	6.03E-12	12.04558548
NAMPT	NM_005746	73.55166431	4.138562291	3.41E-06	17.77227431
ZNF264	NM_003417	172.9978501	9.089345651	2.16E-14	19.03303678
ZBTB17	NM_001287603	107.2285714	11.1675751	8.48E-08	9.601777508
HSPA4L	NM_014278	207.8682037	3.974544499	2.00E-20	52.29988083
MOSPD1	NM_019556	107.2285714	3.887760768	4.59E-10	27.58106216
TFB2M	NM_022366	99.60665724	4.075965667	4.00E-09	24.43756041
GLRX3	NM_001199868	53.85499293	3.030896789	5.51E-05	17.76866607
MED30	NM_001282986	96.5077322	1.068776279	7.61E-12	90.29741218
COL6A1	NM_001848	210.4857143	5.613576841	1.33E-20	37.49582846
C10orf54	NM_022153	189.7560679	9.887599533	5.76E-16	19.1913181
CAMK2N1	NM_018584	63.70332862	3.908266843	9.51E-06	16.29963643
LARP1B	NM_178043	54.72749646	3.563060562	6.71E-05	15.35968741
MKKS	NR_072977	174.9033286	6.023841175	7.87E-16	29.03518262
LMF2	NM_033200	138.1274965	8.374975668	8.27E-12	16.49288332
TINF2	NM_012461	145.1978501	32.10026158	3.22E-06	4.52326065
GJB5	NM_005268	94.44178218	11.17466514	3.52E-06	8.451419434
TTC37	NM_014639	121.2088072	3.425534473	1.41E-11	35.38391107
LRR1	NM_203467	126.3736822	12.46932062	4.66E-09	10.13476885
SEC62	NM_003262	67.67475719	5.080177098	1.32E-05	13.32133819
TP53RK	NM_033550	133.2835644	14.327042	4.46E-09	9.302936669
IAH1	NM_001039613	103.4176143	18.46044753	1.04E-05	5.602118485
KTI12	NM_138417	129.1516643	15.44697588	1.04E-07	8.360967564
EFR3B	NM_014971	54.72749646	7.342623091	0.001646012	7.453398572
SRD5A1	NM_001047	179.7472607	8.246569382	8.11E-16	21.79661049
TDP2	NM_016614	171.9648751	8.194118419	5.35E-15	20.98637904
CHPF	NM_024536	243.2901179	37.5055736	3.36E-13	6.486772352
SMCR8	NM_144775	90.79129656	16.77427737	8.22E-05	5.412531017
TIMM13	NM_012458	159.0176143	25.0394416	2.58E-08	6.350685327
RILPL2	NM_145058	105.3230929	8.795961507	8.40E-08	11.9740284
AKTIP	NM_022476	128.1186893	7.226706787	6.93E-11	17.7285025
UBE2N	NM_003348	131.2176143	7.7989694	6.25E-11	16.82499412
LAD1	NM_005558	113.4264215	10.110887	1.20E-08	11.21824638
CD40	NM_001250	162.9890429	8.301095623	7.43E-14	19.63464226
SMURF2	NM_022739	52.66154644	6.295258678	0.000790087	8.365271252
KTN1-AS1	NR_027123	152.9802357	18.22646256	1.20E-09	8.393303703
CALM1	NM_006888	262.2747572	19.80723725	2.84E-19	13.24135991
TMEM128	NM_001297551	213.5846393	9.10872405	2.22E-19	23.44835985
LARS	NM_020117	119.3033286	3.988035359	1.27E-10	29.91531365
KDM1A	NM_001009999	183.0066572	5.588240744	6.04E-17	32.74852778
TMEM206	NM_001198862	165.0549929	7.929965084	3.98E-14	20.81408823
ADA	NM_000022	92.37583215	12.65663517	1.22E-05	7.298609065
SIAH2	NM_005067	148.1363036	10.06888954	5.63E-12	14.71227815
TSR1	NM_018128	78.55606789	19.41114212	0.001225147	4.046957536
NRAS	NM_002524	95.47475719	8.992291159	5.83E-07	10.61740056
PHF11	NM_001040443	66.64178218	7.807686503	0.000140557	8.535407019
LOC100505938	NR_125740	48.69011787	3.502285008	0.000263359	13.90238595
SLC2A13	NM_052885	115.3319	2.447138333	1.06E-10	47.12929322
GCN1L1	NM_006836	157.9846393	10.80318759	3.81E-12	14.62389115
KLHL11	NM_018143	243.4505893	11.25181661	1.87E-21	21.63655859
MBLAC2	NM_203406	205.6417822	7.846318047	5.40E-19	26.20869826
MRPL54	NM_172251	153.1407072	18.49102279	8.65E-10	8.281894894
AP3B1	NM_003664	151.0747572	3.272824451	2.25E-14	46.1603607
LRRC61	NM_023942	74.58463932	8.89662841	6.13E-05	8.383472467
USP37	NM_020935	139.1604715	6.093985898	3.02E-12	22.83570619
KCTD11	NM_001002914	162.9890429	28.61995513	2.64E-08	5.69494404
CASP6	NM_001226	164.0220179	8.205692434	2.94E-14	19.98880889
PAFAH1B1	NM_000430	154.0132108	7.679728863	1.02E-12	20.05451149
TIMP1	NM_003254	84.43297501	9.446356279	3.25E-06	8.938152714
FDXACB1	NR_038364	68.7077322	9.05980255	7.53E-05	7.583800179
MED18	NM_017638	127.2461858	16.05589071	5.07E-08	7.925202537

FCSD1	NM_033449	124.3077322	19.94197094	3.33E-07	6.233472737
SGCB	NM_000232	44.7186893	4.969340689	0.001649875	8.998917985
RPS9	NM_001013	360.5274965	42.18397217	3.84E-22	8.546551639
DOHH	NM_031304	164.0220179	7.160956561	2.62E-15	22.90504299
KCTD21	NM_001029859	162.9890429	9.480738728	8.18E-14	17.19159736
HSDL2	NM_032303	72.67916077	4.853563123	1.08E-05	14.97439282
ACTR1A	NM_005736	164.1824894	20.13511374	3.79E-10	8.154038337
C9orf43	NM_152786	157.1121358	6.316162641	1.64E-14	24.87461846
KLF3	NM_016531	42.81321075	5.816850796	0.003929496	7.360204387
ZNF777	NM_015694	78.55606789	6.456539647	1.06E-05	12.16689933
ESYT2	NM_020728	46.78463932	5.507937809	0.002452101	8.494039138
TMEM205	NM_198536	62.83082508	13.63059505	0.002308614	4.609543813
PMS2P3	NR_028059	144.1648751	5.388547638	5.27E-13	26.75393905
GMFB	NM_004124	153.1407072	3.135796931	3.87E-17	48.83629603
DPY19L4	NM_181787	344.8022537	4.270660482	6.98E-35	80.73745387
PRPF8	NM_006445	170.219868	11.73739266	5.06E-13	14.5023578
RUNDC1	NM_173079	91.50332862	8.360209214	1.11E-06	10.94510033
EXOSC7	NR_023353	156.0791608	8.589490007	1.42E-12	18.1709462
SLC7A5P2	NR_002594	318.0352287	45.30308843	1.23E-16	7.020166609
USP14	NM_005151	70.61321075	2.161657799	7.82E-07	32.66622995
BRIX1	NM_018321	103.5780858	5.160404507	2.37E-09	20.07169897
ARGLU1	NM_018011	208.7407072	3.512539292	1.90E-22	59.42729458
KCNJ12	NM_021012	119.3033286	11.50157373	8.69E-09	10.37278301
TRAM2-AS1	NR_103447	130.1846393	11.05230107	5.30E-10	11.77896245
SNRPD1	NM_006938	198.7319	8.256768328	4.55E-18	24.06896889
PBX4	NR_038198	47.81761433	9.129763707	0.0046733	5.237552238
SMIM8	NM_001042493	282.1319	3.986607349	1.88E-31	70.76992423
PLEKHA3	NM_019091	95.63522867	3.259604806	1.04E-08	29.3395164
C5orf30	NM_033211	263.3077322	5.972493157	4.92E-26	44.08673653
ABRACL	NM_021243	72.67916077	6.980747691	2.35E-05	10.41137196
HIF1AN	NM_017902	262.2747572	17.89559534	5.48E-20	14.65582743
CLN8	NM_018941	114.298925	11.99091071	8.53E-08	9.532130444
C17orf85	NM_001114118	168.153918	8.879938793	1.23E-13	18.93638255
PKN2	NM_006256	171.9648751	3.912650783	1.99E-15	43.95098991
CCDC74B	NM_207310	90.63082508	11.42000995	7.13E-06	7.93614239
MANBA	NM_005908	258.3033286	4.5883119	4.80E-24	56.29593939
ZDHHC1	NM_013304	114.4593965	9.820277373	1.43E-08	11.65541381
LOC101928489	NR_110889	77.68356436	10.16802069	7.37E-05	7.639988814
SELM	NM_080430	242.4176143	33.18796229	2.15E-13	7.304383808
SLC46A1	NM_080669	91.50332862	21.43221642	0.000235168	4.269429107
SEH1L	NM_001013437	218.5890429	5.080815585	9.70E-22	43.02243198
PRKCA	NM_002737	65.92975012	7.394372686	0.000193989	8.916206002
VPS41	NM_014396	87.53190005	3.070997575	3.36E-08	28.50275779
PCSK5	NM_001190482	237.5736822	3.858427481	1.47E-22	61.57267005
AP5Z1	NM_014855	152.1077322	13.35508488	1.01E-10	11.38949948
PGM2	NM_018290	270.2176143	4.967733144	9.53E-27	54.39455109
SLC38A6	NR_033344	136.2220179	3.084647688	2.24E-13	44.16128897
TIMMDC1	NM_016589	184.9121358	5.236548631	1.41E-17	35.31183396
PPP6C	NM_001123369	108.4220179	4.357601404	1.21E-09	24.88112332
TRIP4	NM_016213	183.8791608	5.595204422	6.72E-17	32.86370737
IGF2BP2	NM_001291869	84.43297501	5.167983936	5.70E-07	16.33770075
FZD5	NM_003468	64.73630363	10.79304612	0.000733664	5.997964144
PRRC2C	NM_015172	117.3978501	5.304014448	4.53E-10	22.13377268
ADORA2B	NM_000676	69.74070721	12.77316753	0.000928606	5.459938348
HSPA4	NM_002154	170.0593965	6.209614787	7.60E-15	27.38646476
C14orf132	NM_001282463	165.9274965	8.234637999	4.72E-14	20.14994423
TECPR1	NM_015395	87.69237152	7.672179542	1.11E-06	11.4299165
CYSTM1	NM_032412	97.54070721	9.772538231	1.20E-06	9.981102648
CSTF2	NM_001325	65.60880717	2.921308901	1.55E-06	22.45870238
ADNP2	NM_014913	57.8264215	6.524588805	0.000190246	8.862845342
GINS2	NM_016095	129.3121358	21.67380789	5.94E-07	5.966285964
FGD6	NM_018351	137.0945215	4.536555043	5.30E-12	30.2199621

PP7080	NR_024158	201.6703536	29.95722282	8.03E-11	6.731944239
CUL1	NM_003592	160.9230929	6.481659653	2.97E-14	24.82745184
ATP6V1H	NM_015941	135.3495144	5.054500186	1.02E-11	26.77802144
FUBP1	NM_003902	127.4066572	4.420876816	4.76E-12	28.81931855
MLH3	NM_001040108	70.77368223	7.375268877	4.37E-05	9.596081636
ZNF468	NR_102299	110.4879679	10.21002355	2.41E-08	10.8215194
DEPTOR	NM_001283012	96.34726073	7.098068994	2.97E-07	13.57372841
FKBP4	NM_002014	136.2220179	19.75609754	2.55E-08	6.895188569
RAB3GAP2	NM_012414	124.3077322	4.311467372	6.25E-11	28.83188517
RTCA-AS1	NR_110435	177.8417822	12.32876768	3.27E-12	14.4249439
SF3B3	NM_012426	133.2835644	13.02439836	2.54E-09	10.23337591
TOB2	NM_016272	379.3516643	27.54535167	1.02E-27	13.77189403
CCNL2	NM_030937	159.0176143	13.03481827	6.82E-12	12.19945004
ANKRD18DP	NR_003291	112.3934465	3.565439108	1.15E-10	31.5230307
FCHSD2	NM_014824	78.55606789	3.109083918	5.17E-07	25.26662836
LOC729732	NR_047662	79.74951438	6.09273232	1.90E-06	13.08928576
SLC37A3	NM_001287498	106.3560679	6.95566716	3.38E-08	15.29056314
CAMLG	NM_001745	217.5560679	6.980597858	3.58E-21	31.16582165
SDE2	NM_152608	181.1011787	10.16799674	8.48E-15	17.81090054
ALKBH3	NM_139178	176.0967751	6.40364971	1.08E-15	27.49943908
UMPS	NR_033434	256.5583215	12.12519649	1.20E-21	21.1591063
TEN1-CDK3	NR_037709	119.4638001	20.77233294	1.90E-06	5.75110174
NSMCE4A	NM_001167865	260.5297501	14.56437401	7.94E-21	17.88815296
CNNM3	NM_017623	244.3230929	17.28264444	3.00E-18	14.13690444
TRAF1	NM_001190945	78.71653937	7.960702517	6.10E-06	9.888139797
PSMD14	NM_005805	200.6373786	3.068444267	4.86E-20	65.38733024
SNRNP48	NM_152551	209.7736822	6.487677569	4.17E-20	32.33417197
RPL10A	NM_007104	301.1165394	49.14648864	1.77E-14	6.126918681
FTX	NR_028379	105.3230929	3.341019498	7.68E-10	31.52423772
DDX56	NM_001257189	130.1846393	24.36339848	8.81E-07	5.343451549
IFI30	NM_006332	235.5077322	17.54530854	7.08E-18	13.42283219
TOMM7	NM_019059	160.9230929	11.19730285	1.76E-12	14.37159422
PDP1	NM_001161779	219.4615464	25.14850774	2.50E-14	8.726623014
DAPK3	NM_001348	96.5077322	13.76914071	7.56E-06	7.008987286
CLN5	NM_006493	236.3802357	12.74147447	5.87E-20	18.5520315
TRAK2	NM_015049	131.2176143	4.862337987	1.19E-11	26.98652679
LOC100507002	NR_110801	99.60665724	14.60726866	3.57E-06	6.818978931
TPR	NM_003292	185.9451108	3.274147533	4.80E-19	56.79191573
PRRG4	NM_024081	79.5890429	3.578956444	5.77E-07	22.23805854
MRPS7	NM_015971	218.7495144	33.41605272	2.82E-12	6.546240401
FEM1A	NM_018708	98.7341537	5.220087208	5.24E-09	18.91427284
LOC100129973	NR_102751	75.61761433	5.057396786	3.01E-06	14.95188484
AATF	NM_012138	121.3692786	5.661944293	2.47E-10	21.43597188
MITD1	NM_138798	171.9648751	3.735423255	1.57E-18	46.03624899
CYTH2	NM_004228	133.1230929	28.44427246	2.36E-06	4.680137031
KNTC1	NM_014708	188.8835644	6.149735204	3.94E-17	30.71409713
YTHDF3-AS1	NR_102684	254.3319	16.06903784	3.61E-12	15.82745044
POLB	NM_002690	244.4835644	5.818358952	1.27E-23	42.01933335
RAB27B	NM_004163	114.4593965	2.280240247	2.07E-11	50.19620046
C9orf163	NM_152571	165.9274965	39.35269372	1.89E-06	4.216420295
DTX3L	NM_138287	61.95832155	5.088727455	1.99E-05	12.17560227
WDR37	NM_014023	99.28571429	5.884161451	1.88E-08	16.87338376
ECHDC2	NM_001198962	122.2417822	5.59359955	1.74E-10	21.85386728
ZNF780B	NM_001005851	101.5121358	6.841580936	3.17E-08	14.83752611
RNF149	NM_173647	169.0264215	6.132497264	4.87E-15	27.56241287
GXYLT1	NM_173601	133.1230929	2.484974409	1.24E-13	53.5712128
C7orf73	NM_001130929	296.1121358	6.762596922	2.56E-30	43.78674927
PYROXD1	NM_024854	119.1428571	5.110201568	6.35E-11	23.31470796
CKAP2L	NM_152515	65.76927864	7.183733021	0.000125068	9.155306642
FANCE	NM_021922	155.0461858	8.413268593	2.95E-13	18.42876928
SHCBP1	NM_024745	155.0461858	3.566990644	7.20E-15	43.4669449
TTF2	NM_003594	72.67916077	6.736691136	4.42E-05	10.78855469

ELMSAN1	NM_001043318	53.69452145	11.35115854	0.004818122	4.730311998
LINC00476	NR_023389	199.7648751	32.29645262	1.20E-10	6.185350367
ZNF184	NM_007149	87.53190005	5.117765541	8.11E-08	17.10353852
A3GALT2	NM_001080438	72.67916077	9.061684326	0.000110424	8.020491352
MAML3	NM_018717	83.72094295	5.008118601	1.17E-06	16.71704479
PELI1	NM_020651	210.6461858	3.971567028	1.03E-20	53.03855739
RAB6B	NM_016577	98.41321075	9.291630724	2.55E-07	10.59159728
CDC37	NM_007065	198.8923715	11.36931051	1.73E-16	17.4937936
ANKRD34A	NM_001039888	175.9363036	11.34854186	1.84E-14	15.50298759
PDIA3	NM_005313	310.0923715	8.589150939	1.38E-29	36.10279686
VPS9D1-AS1	NR_036480	204.9297501	26.74314161	2.68E-12	7.662889913
FBXO5	NM_012177	117.5583215	4.737283218	7.06E-11	24.81555696
ZNF503	NR_120651	96.5077322	9.739655854	2.94E-07	9.908741505
NUP98	NM_005387	95.47475719	7.273974358	4.59E-07	13.12552842
PREB	NM_013388	167.9934465	16.85762137	2.45E-11	9.965430044
FAM133DP	NR_034169	206.6747572	2.835248294	3.22E-22	72.89476468
TIMM10B	NM_012192	117.3978501	10.49083467	2.15E-08	11.1905157
IRF9	NM_006084	119.4638001	23.99403955	1.00E-05	4.978894857
N4BP2	NM_018177	151.0747572	2.798209876	5.77E-15	53.98978771
MFAP1	NM_005926	118.4308251	9.171598604	6.09E-09	12.91277892
CLPP	NM_006012	66.80225365	11.18453007	0.000806488	5.972736737
MTM1	NM_000252	118.2703536	2.636561177	2.44E-11	44.85780745
CCT6P3	NR_033416	112.232975	6.156580017	5.22E-09	18.22975982
NUDC	NM_006600	178.8747572	12.52175802	4.60E-14	14.28511531
SLC9A1	NM_003047	98.57368223	11.35350087	6.57E-07	8.682227922
LOC102723373	NR_119378	47.81761433	3.127437328	0.000429074	15.28971145
C3orf38	NM_173824	204.7692786	10.00215384	1.79E-18	20.47251841
IDI2-AS1	NR_024628	53.85499293	9.202799259	0.001322521	5.852023
BUD13	NM_032725	107.3890429	6.857500097	7.12E-09	15.66008624
ME1	NM_002395	97.38023574	1.925876726	4.05E-09	50.56410642
C15orf61	NM_001143936	135.3495144	9.402901727	1.01E-10	14.39444103
IFI6	NM_002038	164.0220179	11.15111868	4.60E-13	14.70901912
NHP2L1	NM_001003796	196.8264215	16.02531085	1.36E-14	12.28222175
FAM27B	NR_027422	90.63082508	13.64187638	0.000110348	6.643574724
PRPF19	NM_014502	148.2967751	8.471883667	1.65E-12	17.50458115
C5orf24	NM_001135586	329.7890429	9.243248072	6.63E-32	35.6789129
CCNF	NM_001761	132.2505893	22.60564327	2.40E-07	5.850335148
ALDH1A3	NM_001293815	164.0220179	13.39000265	4.40E-12	12.24958816
NAB1	NM_005966	38.84178218	3.4590091	0.001570756	11.2291645
THAP7	NM_030573	279.1934465	63.46703628	7.39E-11	4.399030786
NEK5	NM_199289	62.83082508	4.239063526	6.03E-05	14.82186447
UBE2Q2P1	NR_003661	89.59785007	2.059584148	6.46E-09	43.50288391
PCYOX1	NM_016297	233.4417822	11.45305105	8.08E-20	20.38249731
SRBD1	NM_018079	200.7978501	3.531392179	2.78E-19	56.86081859
OSER1	NM_016470	96.34726073	7.108533036	5.43E-08	13.55374734
RSL1D1	NM_015659	239.4791608	12.138999	5.28E-20	19.72808143
YIPF2	NM_024029	88.40440358	10.66539134	3.56E-06	8.288903873
BCAM	NM_001013257	135.1890429	9.658461536	2.28E-10	13.99695411
TNFRSF1A	NM_001065	141.06595	22.15477006	7.70E-08	6.367294701
KCNN4	NM_002250	60.60440358	9.047088507	0.001155259	6.698774256
SCAF8	NM_014892	122.2417822	5.814470001	1.26E-10	21.02371878
PRR19	NM_199285	134.1560679	13.94292188	4.53E-09	9.62180446
TMEM234	NM_019118	72.67916077	17.90826917	0.002139938	4.058413466
C19orf66	NM_018381	74.7451108	8.640972277	2.73E-05	8.650081079
TMEM45A	NM_018004	66.80225365	3.664388704	5.39E-06	18.23012214
IL12A	NM_000882	61.79785007	4.816136183	4.85E-05	12.83141666
SLC4A1AP	NM_018158	283.0044036	7.963166037	4.52E-26	35.53918156
STARD4	NM_139164	117.2373786	2.004583249	4.35E-13	58.48466442
PAPSS2	NM_001015880	79.5890429	6.022815433	1.74E-06	13.21459105
PCF11	NM_015885	218.7495144	13.28061905	4.81E-17	16.47133417
GSTCD	NM_024751	164.8945215	2.279378445	2.16E-16	72.34187979
HIGD2B	NR_002780	80.62201792	5.994414978	1.57E-06	13.4495223

KBTBD7	NM_032138	113.4264215	4.164912255	3.31E-11	27.23380819
C1QL4	NM_001008223	148.1363036	30.71162748	7.98E-07	4.8234599
GPR137C	NM_001099652	41.78023574	3.881633751	0.000954769	10.76356978
ASS1	NM_000050	68.54726073	9.450527985	9.41E-05	7.253273133
ZDHHC5	NM_015457	144.1648751	12.7829265	2.81E-10	11.27792412
KIAA1407	NM_020817	49.88356436	3.675720984	0.000271735	13.57109655
SMG9	NM_019108	177.8417822	13.24717286	8.89E-14	13.42488575
LCOR	NM_032440	42.81321075	3.741607852	0.000995585	11.44246336
JUP	NM_021991	265.3736822	8.780174673	5.79E-24	30.22419167
DDX60L	NM_001012967	56.79344649	3.767597553	4.19E-05	15.07418074
SNX8	NM_013321	88.40440358	6.94156426	1.37E-06	12.73551613
SDHA	NM_001294332	67.67475719	9.324686604	8.61E-05	7.257590529
RPL23	NM_000978	295.9516643	34.32270439	5.93E-18	8.622620787
CCDC88A	NM_001254943	124.1472607	3.692167282	1.08E-11	33.62449511
PEX12	NM_000286	119.3033286	23.73630158	5.39E-06	5.026197035
BNIP3L	NM_004331	149.1692786	2.922875025	5.45E-15	51.03512034
MPLKIP	NM_138701	223.5934465	6.826052711	1.94E-20	32.75589216
MYO5B	NM_001080467	57.8264215	5.9920125	0.000261763	9.650584257
TBCE	NM_001287801	190.7890429	6.971687579	1.91E-16	27.36626402
RIC1	NM_001206557	80.62201792	3.969360497	2.43E-07	20.31108487
BDP1	NM_018429	166.0879679	4.074136318	5.27E-15	40.76642384
GLOD4	NM_016080	145.1978501	5.238127193	3.38E-13	27.71942046
GADD45A	NM_001924	303.8945215	44.54307675	2.59E-16	6.822486089
RND1	NM_014470	203.7363036	11.54086647	8.12E-17	17.65346684
UBE2V2	NM_003350	110.3274965	7.345409876	8.76E-09	15.01992378
EPB41L5	NM_001184937	223.753918	3.932905658	1.74E-20	56.89277532
PPIL3	NM_130906	184.7516643	7.226063558	1.07E-16	25.56740095
SH2D5	NM_001103160	73.55166431	11.03533615	6.43E-05	6.665104109
NOMO1	NM_014287	137.2549929	8.502382001	3.64E-11	16.14312235
WDR89	NM_080666	157.1121358	5.196271998	1.21E-14	30.23554884
PRKG1-AS1	NR_038277	61.79785007	2.915583078	2.67E-06	21.19570886
EXOG	NM_001145464	170.9319	4.855807224	7.94E-17	35.20154161
DNAJA1	NM_001539	359.6549929	16.15688561	1.89E-30	22.26016831
ARPC3	NM_001287222	112.3934465	11.81664966	1.02E-07	9.511447809
RNF144B	NM_182757	130.1846393	3.613955044	8.25E-13	36.02276114
BLOC1S6	NM_012388	173.8703536	5.902740946	2.70E-16	29.45586723
ZC3H15	NM_018471	131.2176143	5.054571308	1.50E-12	25.9601866
TM7SF3	NM_016551	76.49011787	6.016028246	2.48E-06	12.71438809
LLPH	NM_032338	195.7934465	11.33035437	1.67E-16	17.2804345
XRCC1	NM_006297	92.53630363	8.480321295	5.76E-07	10.91188652
RAPH1	NM_203365	107.3890429	4.344924065	2.56E-09	24.71597692
ACER3	NM_001300955	250.3604715	3.615290705	1.06E-24	69.25043985
MRPL16	NM_017840	203.8967751	23.79781332	9.23E-13	8.567878585
MYO1D	NM_015194	46.78463932	2.972790323	0.000566242	15.73761828
KLHL23	NM_144711	93.40880717	4.514862648	1.06E-08	20.68918026
HYOU1	NM_006389	102.3846393	13.25152932	6.19E-07	7.726250822
TFB1M	NM_016020	139.1604715	4.29111932	9.28E-13	32.42987694
CIR1	NM_004882	61.79785007	3.469189344	7.98E-06	17.81334022
NUP133	NM_018230	290.0747572	6.968987856	9.53E-27	41.62365658
C5orf22	NM_018356	181.8132108	6.570600974	4.63E-17	27.67071254
CLOCK	NM_004898	268.1516643	4.97570651	3.34E-25	53.89217868
RBM12B	NM_203390	284.1978501	15.11639542	2.14E-23	18.80063614
TNFSF9	NM_003811	128.4396323	19.72982425	3.66E-07	6.509922777
FAM207A	NM_058190	59.89237152	9.232842505	0.000482018	6.486883264
ACSL3	NM_004457	195.7934465	4.436520683	2.11E-18	44.1322064
BAG4	NM_001204878	130.3451108	7.600231177	6.74E-11	17.1501508
KPNA1	NM_002264	196.8264215	5.413681662	4.06E-18	36.35722117
AZIN2	NM_052998	146.0703536	9.600789235	2.47E-11	15.21441103
TBC1D25	NM_002536	100.3186893	5.173300298	4.90E-09	19.39162305
LINC01347	NR_029401	53.69452145	2.470140972	5.02E-05	21.73743202
HMOX1	NM_002133	199.7648751	11.26719726	2.16E-16	17.72977525
LINC01192	NR_033945	32.80440358	0.696481828	0.001507771	47.10015719

APOPT1	NM_032374	65.76927864	4.907445548	2.32E-05	13.40193752
MMD	NM_012329	159.1780858	8.974458691	5.32E-13	17.73678963
C2orf44	NM_025203	187.8505893	6.339895778	3.11E-18	29.62991758
WIPF2	NM_133264	131.3780858	8.310811806	1.27E-10	15.80809299
HPS6	NM_024747	217.7165394	21.89410966	1.83E-14	9.944069103
MYL9	NM_006097	101.3516643	6.821106841	3.79E-08	14.8585364
C9orf142	NM_183241	134.1560679	30.29904715	4.19E-05	4.427732239
SAT1	NM_002970	183.7186893	23.00545121	3.55E-11	7.985876373
FAM206A	NM_017832	117.2373786	12.20578907	2.30E-08	9.605063463
ATP5H	NM_006356	265.3736822	20.57085073	1.29E-19	12.90047192
STAG1	NM_005862	67.67475719	3.524218532	3.73E-06	19.2027698
FAM118B	NM_024556	266.4066572	7.824792305	2.49E-24	34.04648288
DUSP12	NM_007240	181.1011787	8.733314104	5.58E-16	20.73682184
SCRIB	NM_015356	58.69892504	14.33725209	0.004175322	4.094154491
CDKAL1	NM_017774	119.3033286	2.763698734	3.69E-11	43.16799338
LOC101929567	NR_110257	142.098925	6.996622529	1.75E-12	20.30964575
FAM72D	NM_207418	116.5253465	7.480626594	5.26E-10	15.57695002
UBTD2	NM_152277	84.43297501	4.967055024	4.28E-07	16.99859869
LINC01322	NR_125764	37.80880717	1.511064712	0.003427142	25.02130243
MYO1E	NM_004998	260.3692786	7.248617977	1.88E-22	35.91985113
HABP4	NM_014282	142.098925	6.499891378	4.41E-12	21.86173842
BLOC1S5-TXNDC5	NR_037616	137.0945215	4.5868238	6.31E-12	29.88876997
COPG1	NM_016128	198.7319	9.90357891	4.66E-17	20.06667507
NCAPH2	NM_014551	160.9230929	12.65117014	3.89E-12	12.72001649
SIMC1	NM_198567	55.76047148	4.21016669	0.000230507	13.24424318
SIX1	NM_005982	107.3890429	12.59856668	3.32E-07	8.523909552
PLEKHN1	NM_001160184	167.120943	10.81130829	1.78E-13	15.4579759
FAM117B	NM_173511	89.4373786	2.703313114	2.77E-08	33.08435791
TMED2	NM_006815	208.5802357	9.117254687	1.48E-18	22.8775265
SRGAP3	NM_014850	77.68356436	6.654045032	3.91E-06	11.67463761
LOC100506023	NR_037845	101.3516643	4.380191346	2.58E-08	23.13863855
TPH2	NR_002187	209.6132108	21.01356867	1.74E-13	9.97513626
SLC35A5	NM_017945	178.8747572	5.551890147	4.54E-17	32.21871335
PKP2	NM_004572	167.832975	2.65617352	8.29E-17	63.1859981
MLXIP	NM_014938	126.2132108	4.659073209	6.26E-11	27.08976766
CERS5	NM_147190	93.40880717	8.298404848	3.37E-07	11.25623645
TMEM14A	NM_014051	172.1253465	7.267518878	2.35E-15	23.68419669
LOC101927415	NR_110049	95.63522867	19.23858455	0.000205283	4.971011689
DDX11-AS1	NR_038927	154.0132108	8.348935309	6.40E-13	18.44704804
EXPH5	NM_015065	42.97368223	5.202637622	0.004292862	8.259979908
TOLLIP	NM_019009	74.58463932	9.058927688	2.53E-05	8.233274609
EDEM3	NM_025191	124.1472607	2.968941967	3.50E-12	41.81532077
CYP2R1	NM_024514	200.6373786	11.30735799	3.01E-16	17.74396625
CFDP1	NM_006324	151.0747572	6.13920697	2.57E-13	24.60818766
DHRS7B	NM_015510	159.1780858	7.00752596	1.79E-13	22.71530448
NUDT19	NM_001105570	88.72534654	8.40159553	8.06E-07	10.56053534
MCCC2	NM_022132	199.6044036	5.165777321	1.09E-18	38.63976149
MOSPD2	NM_152581	61.6373786	1.850706212	5.11E-06	33.3047883
ACTR3B	NM_020445	96.34726073	5.918026353	3.99E-08	16.28030275
CD9	NM_001769	138.1274965	11.38549099	1.88E-10	12.13188755
FAM168B	NM_001009993	142.098925	12.8380369	3.73E-10	11.06858675
PAPD5	NM_001040284	126.2132108	5.721743422	5.68E-11	22.05852333
GNAI1	NM_002069	193.7274965	3.7702269	3.00E-18	51.38351128
PSMB4	NM_002796	122.4022537	16.72850443	2.78E-07	7.316987252
GALK1	NM_000154	165.2154644	17.75622782	5.58E-11	9.304648829
OTULIN	NM_138348	116.2044036	6.450359415	1.41E-09	18.01518274
MTERF2	NM_001033050	180.9407072	6.847914933	1.22E-16	26.42274458
USH1C	NM_153676	141.06595	10.17057412	1.18E-10	13.87000856
MED10	NM_032286	103.4176143	9.19758814	9.73E-08	11.24399275
LOC283788	NR_027436	217.1649788	3.064272572	2.52E-22	70.869994
RIPK4	NM_020639	164.8945215	9.44297699	1.35E-13	17.46213314
ACVR1	NM_001111067	42.81321075	5.515607556	0.004434817	7.76219307

NEIL3	NM_018248	245.3560679	3.686275132	1.05E-24	66.55934762
RBM26-AS1	NR_038991	138.2879679	6.427469643	2.76E-12	21.51514914
RAVER1	NM_133452	99.44618576	18.43331859	2.08E-05	5.394914935
PHGDH	NM_006623	84.59344649	11.03951285	9.99E-06	7.66278799
TBC1D8B	NM_198881	85.46595002	1.329891251	7.06E-09	64.26536754
5-Mar	NM_017824	123.4352287	5.423449067	8.15E-11	22.75954418
INPP5B	NM_001297434	169.898925	5.830295747	2.36E-15	29.14070442
MAD2L1	NM_002358	174.0308251	6.649223123	8.19E-17	26.17310652
TOP2A	NM_001067	200.7978501	6.297561196	1.34E-18	31.88501768
SYDE2	NM_032184	43.84618576	3.13205772	0.000799926	13.99916275
FAM212B-AS1	NR_038952	60.92534654	10.71230579	0.002551388	5.687416672
CMC2	NM_020188	223.5934465	7.654273253	1.05E-19	29.21158405
LOC389906	NR_034031	108.2615464	7.431171357	8.63E-09	14.56857085
THAP9	NM_024672	130.3451108	6.812136465	1.68E-11	19.13424833
DERL2	NM_016041	118.2703536	8.537485577	1.97E-09	13.85306629
NDFIP1	NM_030571	224.6264215	4.865687316	3.62E-22	46.16540417
LOC440434	NR_036750	152.9802357	7.95921961	7.19E-13	19.22050694
ZNF527	NM_032453	32.96487506	1.735645199	0.003621382	18.99286506
TRIM24	NM_003852	177.8417822	3.756189437	2.74E-17	47.34632935
AAAS	NM_001173466	139.1604715	10.86786356	1.06E-10	12.80476799
P4HTM	NM_177938	107.3890429	19.52769472	4.14E-06	5.49932004
TPRG1-AS1	NR_046873	63.8638001	3.521346516	3.77E-06	18.13618734
NUP62CL	NM_017681	77.52309288	1.741622859	2.24E-07	44.51198633
LOC100506022	NR_104622	100.4791608	17.1041977	2.83E-05	5.874532235
VPS37A	NM_152415	287.1363036	3.843150634	2.56E-29	74.71377809
C2orf15	NM_144706	59.73190005	5.806934014	0.000187204	10.28630598
PIGF	NM_002643	151.0747572	3.638016351	1.04E-14	41.52668449
DHX9	NM_001357	202.7033286	9.279596036	7.78E-17	21.84398198
DPAGT1	NM_001382	74.58463932	18.61113886	0.002830437	4.007526883
AP2B1	NM_001282	155.0461858	4.207206411	9.76E-14	36.8525265
KLHL42	NM_020782	68.7077322	3.253481668	9.58E-07	21.1182171
SPINT2	NM_001166103	144.1648751	14.41176273	1.24E-09	10.00327841
MRPL13	NM_014078	398.3363036	7.199407959	2.98E-39	55.32903621
NCAPD2	NM_014865	105.4835644	11.17390385	1.66E-07	9.440171118
TIAL1	NM_001033925	274.3495144	10.42484326	3.14E-24	26.31689586
METTL3	NM_019852	197.8593965	11.83620597	5.39E-16	16.71645433
APC	NM_001127511	230.5033286	4.185713238	1.85E-21	55.0690684
RAB14	NM_016322	80.62201792	3.493634341	4.52E-07	23.07683348
KDM5B	NM_006618	110.4879679	3.885790026	1.08E-09	28.43384928
CTSO	NM_001334	59.73190005	4.096790984	7.97E-05	14.58016781
XPR1	NM_001135669	226.5319	2.459032795	5.16E-22	92.12235823
ICAM5	NM_003259	136.2220179	27.61363388	1.70E-06	4.933143479
ABT1	NM_013375	118.5912966	14.37691157	8.79E-08	8.24873242
WHAMMP2	NR_026589	48.85058935	3.541474105	0.0008018	13.79385756
IPMK	NM_152230	85.6264215	2.951884149	4.02E-08	29.00737874
C9orf40	NM_017998	175.9363036	17.35813721	1.95E-12	10.13566729
CDCP1	NM_022842	206.8352287	8.390927474	6.66E-18	24.64986491
SAAL1	NM_138421	150.2022537	5.791233635	1.46E-13	25.93614127
HSD17B12	NM_016142	84.59344649	4.208649406	5.42E-07	20.0999034
TM9SF3	NM_020123	45.75166431	4.628051815	0.002319547	9.885728625
PIH1D1	NM_017916	104.6110608	18.14453377	6.14E-06	5.765431184
HARBI1	NM_173811	140.1934465	10.43470491	9.21E-11	13.43530534
STAG3L5P-PVRIG2P-PILRB	NR_036569	267.1186893	18.4887806	3.47E-20	14.44760988
DDX58	NM_014314	46.9451108	4.510102449	0.002320026	10.40887903
RAP2C-AS1	NR_110410	58.69892504	1.535037284	2.04E-05	38.23941324
QTRT1	NM_031209	100.6396323	7.093548226	1.76E-08	14.18748827
UBE2Z	NM_023079	249.3274965	23.12612502	2.40E-17	10.78120508
PKN3	NM_013355	82.84843942	18.32189497	0.00048175	4.521827002
DDX5	NM_004396	215.6505893	28.15902858	1.19E-12	7.658310681
BMS1	NM_014753	273.1560679	7.235202343	2.52E-25	37.75375656
COQ6	NM_182476	223.5934465	14.72940789	1.28E-17	15.18007025
STAG3L1	NR_040583	443.0549929	43.97289866	1.24E-28	10.07563764

ABHD17B	NM_001025780	243.6110608	3.964857974	1.52E-24	61.4425693
RBM14-RBM4	NM_001198846	288.1692786	24.634892	6.76E-20	11.69760674
ZNF500	NM_021646	119.3033286	9.783944042	2.47E-09	12.19378689
PRPF31	NM_015629	151.0747572	13.55367681	8.04E-11	11.14640399
SENP2	NM_021627	152.1077322	5.636544211	5.77E-14	26.98599115
HEATR5A	NM_015473	248.2945215	3.896839631	2.33E-23	63.71689495
HDAC6	NM_006044	95.47475719	3.777330343	1.20E-08	25.27572347
HNRNPM	NM_005968	128.4396323	11.23354968	1.37E-09	11.43357495
PIGW	NM_178517	201.6703536	17.6075403	1.18E-14	11.45363578
LRRCC1	NM_033402	190.9495144	2.523697745	3.56E-21	75.66259262
TBC1D32	NR_104452	122.4022537	2.03388697	1.13E-11	60.18144344
COL20A1	NM_020882	41.78023574	5.467864065	0.003896936	7.641052382
ERLIN1	NM_001100626	171.252843	6.423241719	3.44E-15	26.66143522
PROSER3	NM_001039887	107.3890429	11.32599838	1.11E-07	9.481640321
TAF13	NM_005645	160.0505893	9.861204018	3.24E-13	16.23032939
ITGB1BP1	NM_022334	116.2044036	11.32753535	3.25E-08	10.25857788
CNTNAP3	NM_033655	53.69452145	2.21298773	7.98E-05	24.26336157
ABHD5	NM_016006	304.9274965	4.762716504	1.88E-31	64.02386037
FBXL12	NM_017703	246.3890429	14.78271285	2.89E-20	16.66737664
TTC7A	NM_001288953	146.2308251	11.95530423	6.80E-11	12.23145997
ARHGAP42	NM_152432	83.56047148	3.375068555	1.44E-07	24.75815531
TICAM1	NM_182919	121.5297501	7.1190588	9.72E-11	17.07104177
CYR61	NM_001554	206.6747572	25.0638723	2.73E-12	8.245922846
SUPV3L1	NM_003171	142.098925	7.080073455	2.68E-12	20.07026141
GJC3	NM_181538	89.4373786	9.635819953	3.36E-06	9.281761078
MNX1-AS1	NR_038835	125.3407072	14.58022647	4.42E-08	8.596622795
POLR3A	NM_007055	97.54070721	9.637066933	1.11E-06	10.12141016
BMS1P4	NR_026592	311.8373786	5.463981057	1.19E-31	57.07146041
SAP18	NM_005870	129.4726073	13.61433024	3.85E-09	9.510023995
ELK3	NM_005230	79.42857143	9.87894251	3.83E-05	8.040189661
TMEM80	NM_174940	102.3846393	17.82229405	6.46E-06	5.744750874
VTI1B	NM_006370	147.1033286	9.197417476	1.05E-11	15.9939819
GPR39	NM_001508	43.84618576	2.163671226	0.000996559	20.26471732
MRPL1	NM_020236	143.2923715	3.463692715	5.44E-14	41.3698279
APOOL	NM_198450	35.74285714	1.886694643	0.003049891	18.94469636
ZRANB2-AS2	NR_046217	27.96047148	0.921610507	0.003377544	30.33870735
NFATC2IP	NM_032815	112.3934465	14.07702411	4.83E-07	7.984176598
ABHD17C	NM_021214	57.66595002	7.186270441	0.00088405	8.024461437
PAPOLG	NM_022894	165.9274965	3.9455213	7.40E-16	42.05464471
TMEM5	NM_014254	177.8417822	5.795518588	3.46E-16	30.68608606
STARD7	NM_020151	323.0396323	13.81456231	9.40E-28	23.38399329
TTC3	NM_001001894	107.3890429	5.550968287	3.45E-09	19.34600188
LASP1	NR_073384	209.6132108	13.97804923	3.33E-16	14.99588442
LOC100506207	NR_038979	192.6945215	2.245928075	1.48E-18	85.7972807
KIAA0753	NM_014804	67.67475719	5.677908883	1.89E-05	11.91895794
KHK	NM_006488	113.26595	11.62446852	4.53E-08	9.743752997
TTC27	NM_001193509	49.72309288	3.368088404	0.000293347	14.76300112
GNG7	NM_052847	89.4373786	6.624337589	3.22E-07	13.50133163
SDAD1	NM_001288984	116.3648751	5.100833845	1.75E-10	22.81291228
SFT2D2	NM_199344	165.9274965	10.92117316	3.60E-13	15.19319345
ZNF267	NM_001265588	148.1363036	2.405217956	8.07E-16	61.58955503
NOL7	NM_016167	241.5451108	15.30040083	8.25E-20	15.78684856
HS3ST1	NM_005114	190.7890429	6.816329308	1.79E-17	27.98999788
HCFC1	NM_005334	48.69011787	8.210545784	0.004077296	5.930192602
GNB1L	NM_053004	204.7692786	11.1770757	9.24E-17	18.32046987
NCLN	NM_020170	92.53630363	10.82929812	2.54E-06	8.54499549
FAM3C	NM_001040020	226.5319	3.243675172	5.69E-23	69.83803496
ZNF425	NM_001001661	251.3934465	11.60447006	1.49E-21	21.6635008
MTMR6	NM_004685	109.4549929	2.496732985	4.21E-11	43.83928662
MSX2	NM_002449	209.7736822	13.97751373	2.17E-16	15.00793963
MRFAP1L1	NM_203462	85.6264215	19.07835515	0.000567146	4.488144856
GRPEL1	NM_025196	226.5319	17.23269678	3.57E-17	13.14547009

ANXA3	NM_005139	106.3560679	6.943071886	3.19E-08	15.31830142
P2RY2	NM_176072	54.0154644	11.10818598	0.004247748	4.862671952
LANCL1	NM_001136574	176.9692786	4.028741288	4.09E-17	43.92669223
SUB1	NM_006713	143.1319	6.166880791	6.07E-13	23.20977247
ARL3	NM_004311	125.3407072	10.8261989	2.33E-09	11.57753597
KATNBL1	NM_024713	105.4835644	4.90603475	4.31E-09	21.50077807
TIMM22	NM_013337	178.8747572	14.14572634	1.19E-13	12.64514475
ANTXR1	NM_053034	122.2417822	4.18332883	1.36E-10	29.22117461
SCPEP1	NM_021626	223.5934465	14.02247252	2.92E-17	15.94536528
UQCRFS1	NM_006003	107.5495144	3.497725165	1.39E-11	30.7484177
LPCAT2	NM_017839	129.3121358	2.269148401	7.12E-13	56.98707751
FOPNL	NM_144600	130.1846393	5.534679494	1.52E-11	23.52162207
AUNIP	NM_001287490	147.1033286	7.912390986	1.54E-12	18.5915141
TLR5	NM_003268	113.4264215	8.630054294	3.62E-09	13.14318747
ATP6V0E2-AS1	NR_027040	80.62201792	17.54094929	0.000430763	4.59621749
GTF2F2	NM_004128	134.3165394	3.613365492	8.63E-13	37.17214316
POP4	NR_027368	106.3560679	10.30609141	1.80E-07	10.31972875
FBXL17	NM_001163315	233.6022537	2.442053944	2.00E-22	95.65810542
UGCG	NM_003358	64.57583215	5.926252823	2.94E-05	10.89657058
TPMT	NM_000367	69.90117869	6.344392814	1.37E-05	11.01778858
RPL13AP5	NR_026712	313.9033286	65.86329279	1.90E-13	4.765982922
SHISA4	NR_030775	202.7033286	14.60117819	1.15E-15	13.88266932
MIS18A	NM_018944	165.9274965	4.068943601	9.28E-18	40.77901115
MLLT4-AS1	NR_027906	124.1472607	22.92611237	3.74E-06	5.415103036
CFAP20	NM_013242	131.2176143	10.37246053	9.11E-10	12.65057736
GPRC5A	NM_003979	86.49892504	12.41386765	3.21E-05	6.967927118
MGA	NM_001164273	127.4066572	3.47881081	2.24E-12	36.62362348
DNAJB11	NM_016306	109.4549929	7.018788995	3.19E-09	15.59456952
ERP29	NM_006817	131.2176143	25.28652533	1.01E-06	5.189230731
FAM71E1	NM_138411	217.8770108	11.45199554	4.06E-18	19.02524412
C11orf58	NM_014267	118.4308251	4.567489315	3.20E-11	25.9290864
LINC00612	NR_034140	168.153918	5.754724476	1.26E-16	29.22015097
CLCC1	NM_001048210	201.6703536	7.612088332	2.19E-18	26.49343318
CDR2L	NM_014603	117.5583215	17.66467612	7.45E-07	6.654994449
LRP4-AS1	NR_038909	156.2396323	11.3353364	8.49E-12	13.7834138
C19orf44	NM_032207	98.41321075	12.76088204	3.44E-06	7.71210097
ERCC6-PGBD3	NM_001277058	229.4703536	11.15647124	3.41E-19	20.5683633
2-Mar	NM_017898	178.8747572	8.95096323	7.49E-15	19.98385566
TMEM2	NM_013390	295.9516643	5.245388705	1.51E-28	56.42130277
IL15	NM_172175	63.8638001	1.943648185	8.60E-06	32.85769544
SYCP2L	NM_001040274	41.94070721	3.13396303	0.000930733	13.38264262
FUT10	NM_032664	179.9077322	5.165624323	2.36E-16	34.82787771
MAGEA3	NM_005362	51.62857143	7.56785852	0.002070977	6.822084648
RSPRY1	NM_133368	128.2791608	7.224831095	1.85E-10	17.75531623
POLE4	NM_019896	124.1472607	3.620776655	2.95E-12	34.28746718
LOC101927746	NR_110115	246.3890429	19.67330639	5.43E-18	12.52402814
SPR	NM_003124	170.219868	7.341666354	7.97E-16	23.18545406
SDHAF2	NM_017841	148.1363036	9.029573922	2.22E-12	16.40568037
MAOB	NM_000898	87.37142857	1.832811342	1.92E-08	47.67071578
CSRNP1	NM_033027	106.5165394	16.58722922	4.72E-06	6.421599289
ITFG1	NM_030790	193.8879679	3.034201846	1.25E-18	63.90081405
F8A1	NM_012151	319.9407072	31.14400317	2.32E-19	10.27294743
ZEB1-AS1	NR_024284	123.2747572	13.79732305	5.75E-08	8.934686587
CDK2AP2	NR_073484	165.0549929	8.022747945	1.80E-13	20.57337387
PPRC1	NM_001288727	258.3033286	19.88475168	1.37E-18	12.99002033
ZNF449	NM_152695	61.6373786	1.62549765	1.15E-06	37.91908195
TMEM97	NM_014573	82.68796794	5.846276028	6.22E-07	14.14369892
AAMP	NM_001087	158.1451108	16.76607783	1.81E-10	9.432445228
NOL11	NM_015462	186.1055823	7.909360618	6.11E-16	23.52978847
STK35	NM_080836	161.0835644	11.02825302	1.48E-12	14.60644438
GPR20	NM_005293	116.3648751	9.864680485	1.07E-08	11.79611192
WASH7P	NR_024540	46.78463932	5.907369735	0.001658006	7.919707318

SIK2	NM_015191	101.3516643	5.487392842	2.27E-08	18.46991226
TRMT6	NM_001281467	157.9846393	9.224301054	7.38E-13	17.12700381
PTPLB	NM_198402	209.6132108	5.45826063	2.75E-19	38.4029318
PHC3	NM_024947	110.4879679	3.527945606	1.16E-10	31.31793408
RPS6	NM_001010	215.6505893	25.49854529	3.99E-13	8.457368328
MPV17	NM_002437	152.1077322	11.92707657	7.94E-12	12.75314461
GCA	NM_012198	86.65939651	3.206275416	5.66E-08	27.02805757
PWP1	NM_007062	123.4352287	4.522523842	1.49E-11	27.29343901
TMEM192	NM_001100389	188.0110608	8.475938719	9.50E-16	22.18173904
ARSK	NM_198150	104.4505893	1.727044684	6.02E-11	60.47937862
C1orf145	NR_073154	123.1142857	11.78287734	1.25E-08	10.44857569
C9orf3	NM_032823	187.8505893	6.137554153	1.12E-16	30.60675061
VPS18	NM_020857	120.3363036	12.62840176	3.06E-08	9.529020847
PFN2	NM_002628	82.52749646	9.438822213	1.16E-05	8.743410417
B2M	NM_004048	229.6308251	15.86101995	3.46E-18	14.47768339
POLR2C	NM_032940	128.2791608	17.9568672	1.12E-07	7.143738346
SUGP1	NM_172231	169.898925	11.54955159	2.14E-13	14.71043475
CDC123	NM_006023	166.9604715	7.778467595	4.35E-14	21.46444264
ZNF100	NM_173531	126.2132108	1.228587749	3.96E-14	102.7303185
STRIP2	NM_020704	217.5560679	6.577533218	1.84E-19	33.07563195
KCTD21-AS1	NR_102281	88.56487506	9.132551147	1.17E-06	9.697714651
GJB2	NM_004004	96.34726073	15.71596574	9.93E-06	6.130533898
DDX18	NM_006773	120.3363036	6.929825021	2.49E-10	17.36498444
CEP85L	NM_206921	123.2747572	3.58306148	1.21E-11	34.40486798
EME2	NM_001257370	167.9934465	26.23251251	5.02E-09	6.404016634
ELAC1	NM_018696	204.7692786	6.577083947	5.86E-19	31.13374868
SGTA	NM_003021	118.4308251	10.92774196	1.12E-08	10.83763009
LIN9	NM_001270409	36.93630363	4.140680722	0.003329605	8.920345737
DDIAS	NM_145018	137.2549929	3.22209659	2.43E-13	42.59803798
VSNL1	NM_003385	65.60880717	6.049064884	4.01E-05	10.84610736
GOLGA3	NM_001172557	72.67916077	8.112717294	4.78E-05	8.95867046
ZNFX1	NM_021035	152.1077322	10.13037474	5.56E-12	15.01501535
PPAPDC2	NM_203453	258.3033286	24.04380886	2.72E-17	10.7430287
TPM3P9	NR_003148	140.1934465	9.816004338	6.30E-11	14.28212964
ARIH1	NM_005744	147.1033286	5.081311329	6.89E-13	28.94987516
GDE1	NM_016641	217.7165394	6.075177536	1.97E-21	35.83706618
FOSL2	NM_005253	119.3033286	10.59319156	4.25E-09	11.26226481
MAP4K5	NM_006575	58.85939651	2.849673409	2.03E-05	20.65478673
GINS3	NM_001126130	65.76927864	6.468772253	7.65E-05	10.1671965
LOC256880	NR_002799	122.2417822	19.33266112	1.87E-06	6.323070654
FUCA1	NM_000147	162.1165394	6.860030229	9.93E-15	23.63204446
TRUB1	NM_139169	204.9297501	5.262968516	4.44E-20	38.93805359
MFN1	NM_033540	145.0373786	2.655478615	2.91E-15	54.61816855
FPGT-TNNI3K	NM_001199327	124.3077322	1.282302972	3.94E-12	96.94099986
TOR1A	NM_000113	197.698925	17.87323952	3.71E-14	11.06116912
SYT16	NM_031914	33.8373786	0.996529881	0.00077355	33.95520721
KITLG	NM_003994	235.5077322	4.89289923	4.57E-22	48.13255314
ITGA5	NM_002205	149.1692786	9.827109208	6.19E-12	15.17936511
CKS1B	NR_024163	122.4022537	20.50154289	1.17E-06	5.970392293
NANP	NM_152667	188.7230929	7.592253184	3.81E-17	24.85732342
TRA2B	NM_004593	187.6901179	16.03806047	2.81E-13	11.702794
ABCB6	NM_005689	232.4088072	21.49997078	2.51E-16	10.80972665
TAF9	NM_003187	147.1033286	21.34596969	3.03E-08	6.891386558
ABCE1	NM_002940	138.2879679	4.698953662	6.29E-13	29.42952365
KCNMB4	NM_014505	45.75166431	3.901088656	0.000491332	11.72792221
MZT2A	NM_001085365	104.2901179	15.29502769	2.95E-06	6.81856352
GPR180	NM_180989	188.8835644	1.513795928	8.41E-23	124.7747869
TP53INP1	NM_001135733	90.47035361	10.45363083	2.46E-06	8.65444314
SNAP29	NM_004782	190.7890429	7.60686211	3.02E-17	25.08117541
METTL8	NM_024770	193.7274965	3.838850865	6.39E-18	50.46497071
HSPBAP1	NM_024610	181.8132108	3.451938335	1.01E-17	52.66988952
FER	NM_005246	80.46154644	2.485857634	2.77E-07	32.36772104

HPS3	NM_032383	150.2022537	4.926972729	4.16E-14	30.48570835
CDK11A	NM_024011	139.1604715	9.551582653	3.58E-11	14.56936264
MTAP	NM_002451	218.5890429	7.066486566	1.71E-19	30.93320009
GGA2	NM_015044	52.82201792	7.998634083	0.002622523	6.603879783
SIRT4	NM_012240	54.88796794	11.52640093	0.003445883	4.761934646
GNMT	NM_018960	56.79344649	9.186311712	0.001678519	6.182399234
PARGP1	NR_029388	127.2461858	1.594645309	8.02E-13	79.79591764
CCDC150	NM_001080539	119.3033286	3.201707754	1.34E-11	37.26240425
MTERF3	NM_001286643	364.498925	8.4655774	9.10E-36	43.05659352
SASS6	NM_194292	99.60665724	1.527443734	2.07E-10	65.21134298
TBK1	NM_013254	101.5121358	4.070212285	5.21E-09	24.94025586
NUDT6	NM_007083	150.0417822	4.495261019	1.15E-14	33.37776862
PLOD1	NM_000302	188.8835644	9.610290686	1.56E-15	19.65430293
ZNF282	NM_003575	135.1890429	8.954675555	2.13E-10	15.09703418
RITA1	NM_032848	200.6373786	16.17104962	7.10E-15	12.40719578
AIFM2	NM_001198696	132.2505893	10.6431996	2.93E-10	12.42583005
ASCC3	NM_022091	210.8066572	5.772279493	2.28E-20	36.52052148
MFSD9	NM_032718	237.4132108	4.84522132	1.17E-24	48.99945639
INTS3	NM_023015	147.9758322	12.67764687	1.10E-10	11.67218441
STAG3L3	NR_040582	192.6945215	9.771778304	1.15E-16	19.71949378
COG1	NM_018714	205.8022537	25.68284224	6.29E-13	8.013219553
CCDC176	NM_025057	47.81761433	5.276838609	0.001233511	9.061792084
LOC389641	NR_033928	146.3912966	14.01183722	3.35E-10	10.4476875
BLM	NM_001287246	174.9033286	4.922560685	7.79E-16	35.53096444
MEIG1	NM_001080836	171.8044036	17.63296565	2.03E-11	9.743364051
PIGH	NM_004569	160.0505893	9.398899541	2.20E-13	17.02865199
VPRBP	NM_001171904	58.69892504	7.202113171	0.000539397	8.150236415
KIAA2018	NM_001009899	108.2615464	6.002530093	1.94E-09	18.03598562
THAP10	NM_020147	147.2638001	2.157592824	3.98E-18	68.25374949
ABCA11P	NR_002451	190.7890429	9.1727298	1.04E-15	20.7995926
AK7	NM_152327	77.52309288	5.341393282	3.23E-06	14.51364631
PMM1	NM_002676	155.0461858	11.05097593	2.81E-12	14.0300899
PKN2-AS1	NR_110682	36.93630363	3.923250214	0.003472301	9.41472035
RND3	NM_001254738	84.59344649	13.78248226	3.14E-05	6.137751159
COX6B1	NM_001863	103.4176143	13.99799684	1.91E-06	7.388029554
EEPD1	NM_030636	195.632975	7.285195821	2.10E-16	26.85349575
MND1	NM_032117	129.3121358	5.28307404	2.38E-11	24.47668437
ENDOG	NM_004435	181.8132108	34.67991652	5.45E-09	5.242608085
EEF2K	NM_013302	182.8461858	7.469280834	1.48E-15	24.4797578
LSM11	NM_173491	89.59785007	8.540305973	2.17E-06	10.49117565
PDLIM1	NM_020992	72.67916077	6.529141147	1.00E-05	11.131504
C12orf73	NM_001135570	184.9121358	11.29279022	2.11E-15	16.37435322
NUFIP1	NM_012345	86.49892504	4.629876537	3.27E-07	18.68277142
KCNK5	NM_003740	122.4022537	10.7002134	4.25E-09	11.43923481
WEE2-AS1	NR_015392	47.81761433	3.599764049	0.00020499	13.28354128
NEK8	NM_178170	68.7077322	8.010351365	4.82E-05	8.577368092
LOC100132057	NR_111930	269.3451108	17.53978968	1.40E-20	15.35623378
POLQ	NM_199420	121.3692786	4.549747017	2.24E-10	26.67604994
C12orf29	NM_001009894	241.5451108	6.557780582	2.49E-24	36.83336272
NPAT	NM_002519	127.4066572	6.327605651	2.63E-11	20.13505017
ROGDI	NM_024589	95.47475719	10.09957504	8.03E-07	9.453344006
YBEY	NM_001006114	161.9560679	19.7937133	2.74E-10	8.182197319
FBXO15	NM_152676	89.4373786	2.289523524	1.56E-08	39.06375176
PRPF4	NM_004697	238.4461858	9.591101342	4.42E-21	24.86118927
DPY19L2P3	NR_036482	89.4373786	7.357501832	1.14E-06	12.15594378
UACA	NM_018003	135.3495144	3.323162533	5.36E-13	40.72912867
ZNF658	NM_033160	146.2308251	4.196305765	1.14E-14	34.84751428
MAN2B2	NM_015274	128.2791608	10.51931885	1.37E-09	12.19462615
MIR31HG	NR_027054	122.2417822	6.080131875	1.33E-10	20.1051202
NUP155	NM_001278312	111.3604715	6.16007107	1.50E-09	18.07779005
RBX1	NM_014248	173.8703536	10.88201305	8.95E-14	15.97777478
AHCTF1	NM_015446	43.84618576	4.714331912	0.004275629	9.300614928

RHEB	NM_005614	80.78248939	9.240442882	8.78E-06	8.742274632
PLIN2	NM_001122	68.7077322	10.75073889	0.000198005	6.390977669
GALNT6	NM_007210	70.77368223	9.255457474	4.78E-05	7.64669736
ACVR2B-AS1	NR_028389	73.71213579	12.91091188	0.000206834	5.709289669
RAB4A	NM_001271998	167.9934465	7.764802431	9.82E-15	21.6352506
METTTL10	NM_212554	279.1934465	7.950687022	1.21E-25	35.11563789
ACTL6A	NM_178042	121.2088072	6.367249745	4.31E-10	19.03628914
METTTL16	NM_024086	103.4176143	5.502358539	1.08E-08	18.79514278
LOC283335	NR_033854	168.86595	39.56038	2.59E-07	4.268562385
SCLY	NM_016510	100.4791608	7.969866567	9.34E-08	12.60738306
ZNF354B	NM_058230	119.3033286	3.556727444	1.36E-11	33.54300561
EIF2B5	NM_003907	155.0461858	15.85994825	9.28E-11	9.775957858
LINC00263	NR_026762	211.6791608	12.63715472	3.36E-17	16.75053961
LOC100507373	NR_045214	209.7736822	14.68728751	1.14E-15	14.28267011
CDH15	NM_004933	85.46595002	15.0998741	0.000109559	5.660043884
NSMCE1	NM_145080	179.9077322	8.242429416	1.22E-15	21.82702734
C21orf59	NM_021254	270.3780858	14.71213295	1.61E-22	18.37789848
SYNJ2	NM_003898	122.2417822	7.736637674	1.14E-09	15.80037573
CLDN3	NM_001306	106.3560679	20.8585946	0.000147789	5.098908625
PRH1	NM_001291315	177.8417822	3.286636009	6.31E-17	54.11058046
FEM1C	NM_020177	86.49892504	2.53443022	6.59E-09	34.12953505
CXCL16	NM_001100812	68.54726073	11.37921108	0.000330936	6.023902733
ATP5G1	NM_001002027	260.5297501	30.17881293	1.21E-15	8.632869383
ARHGAP31-AS1	NR_046748	65.76927864	5.812069502	3.91E-05	11.31598282
C8orf44	NM_019607	102.5451108	9.092996298	9.15E-08	11.27737298
RUNDC3B	NM_001134405	83.56047148	1.838540548	1.07E-07	45.44934924
HEXA-AS1	NR_027262	170.9319	12.28018899	1.85E-13	13.91932162
LRRRC8C	NM_032270	125.1802357	3.496093046	3.41E-12	35.80575062
FIG4	NM_014845	166.9604715	4.586572801	7.57E-15	36.40201055
MYEOV2	NM_138336	83.56047148	11.56883784	2.98E-05	7.222892448
FAM98B	NM_173611	211.6791608	2.988913557	2.13E-22	70.82143955
WDR43	NM_015131	179.9077322	4.852857296	5.63E-17	37.07253711
SPTSSA	NM_138288	138.1274965	8.372779464	1.47E-11	16.49720945
CNIH1	NM_005776	118.4308251	4.875738542	1.22E-10	24.28982277
PPM1D	NM_003620	250.6814144	7.162974788	1.29E-22	34.99683049
TALDO1	NM_006755	112.3934465	22.3790358	7.87E-06	5.022264921
C16orf87	NM_001001436	44.00665724	2.905297193	0.000672935	15.14704153
COMMD7	NM_053041	83.56047148	5.934775982	6.53E-07	14.07980212
EXOSC9	NM_001034194	76.81106082	4.619605255	7.46E-07	16.62719141
FDX1	NM_004109	85.46595002	3.137186453	1.88E-08	27.24286596
JAGN1	NM_032492	219.4615464	15.25170454	4.11E-17	14.38931274
ROCK1	NM_005406	100.3186893	2.116537065	1.81E-09	47.39755847
UTP6	NM_018428	210.6461858	8.168919348	4.47E-18	25.78629765
RAB21	NM_014999	108.2615464	3.854445317	6.24E-10	28.08745164
DNAJA2	NM_005880	170.9319	7.965456327	6.57E-15	21.45914723
SF3B2	NM_006842	153.1407072	13.97179198	4.57E-11	10.96070622
RCN1	NM_002901	64.73630363	13.83748487	0.00131091	4.678328773
RTKN2	NM_145307	113.4264215	2.375975791	2.74E-11	47.7388793
CISD2	NM_001008388	242.4176143	7.350511658	1.61E-22	32.97969252
TDRD3	NM_001146071	231.3758322	2.96500963	8.93E-23	78.03544036
DLX2	NM_004405	91.50332862	11.24352097	6.70E-06	8.138316182
MCOLN1	NM_020533	123.2747572	10.24094045	3.40E-09	12.03744498
FAM66B	NR_027423	36.93630363	1.933999946	0.002729219	19.09839952
AKR7A2	NM_003689	94.44178218	18.10019416	4.01E-05	5.217722049
PNKP	NM_007254	136.2220179	28.92968043	1.65E-06	4.708728748
ANKRD36	NM_001164315	132.4110608	2.481792656	1.11E-12	53.35299084
HSF1	NM_005526	144.1648751	21.53217348	2.18E-08	6.695323869
ACAT1	NM_000019	189.7560679	10.69999833	5.17E-15	17.73421471
SVIP	NM_148893	224.46595	2.010669627	2.04E-29	111.6374103
LRP10	NM_014045	103.4176143	15.81729218	3.60E-06	6.538262882
DICER1-AS1	NR_015415	182.8461858	5.24604641	1.57E-17	34.8540923
DEAF1	NM_021008	54.72749646	11.08216987	0.004688062	4.938337628

DNAJC25	NR_037148	287.1363036	6.101822866	3.71E-28	47.05746298
ERV3-1	NM_001007253	232.4088072	8.650596351	7.94E-21	26.86621797
POLR1D	NM_152705	97.38023574	7.098165003	1.82E-07	13.71907186
ZNF664	NM_001204298	49.72309288	7.92637101	0.004458424	6.273122065
PGLS	NM_012088	140.1934465	17.435824	9.60E-09	8.040540355
HP1BP3	NM_016287	203.7363036	7.910384828	5.14E-18	25.75554895
PIGX	NM_017861	84.43297501	4.905815052	1.66E-07	17.21079456
SNX18	NM_001145427	154.1736822	4.071071573	3.45E-15	37.87054083
RPF1	NM_025065	133.2835644	6.967221774	8.34E-12	19.13008781
INSIG2	NM_016133	128.1186893	3.30112502	6.50E-13	38.81061411
C17orf51	NM_001113434	93.56927864	4.932714182	1.97E-08	18.96912636
GDAP1	NM_018972	208.9011787	6.978735518	1.42E-19	29.9339584
LOC100130950	NR_034082	87.53190005	6.537747697	1.11E-06	13.38869349
EREG	NM_001432	140.1934465	3.071440674	2.78E-14	45.64419808
SLX4	NM_032444	178.0022537	10.57765907	1.43E-14	16.82813301
PLEKHM1P	NR_024386	236.5407072	13.02117131	5.87E-19	18.16585479
NGDN	NM_015514	89.59785007	9.113694439	1.28E-06	9.831122896
C12orf5	NM_020375	152.1077322	3.895271931	1.66E-14	39.0493231
TIA1	NM_022037	201.6703536	5.807469098	1.45E-18	34.72603129
DRG1	NM_004147	211.6791608	9.220963695	4.65E-18	22.95629478
CDR2	NM_001802	62.67035361	5.141174028	4.63E-05	12.18989151
LOC645513	NR_037630	79.74951438	5.521344258	1.27E-06	14.44385835
NAGPA	NM_016256	96.5077322	7.624316871	1.25E-07	12.65788579
ATP9B	NM_198531	93.56927864	3.421897728	1.08E-08	27.34426511
NANS	NM_018946	239.3186893	10.28116736	2.32E-20	23.27738484
ZNF391	NM_001076781	90.63082508	6.420807912	1.44E-07	14.11517465
ZNF624	NM_020787	172.9978501	3.913964854	2.34E-17	44.20015419
TTC21A	NM_001105513	82.52749646	8.906629843	3.80E-06	9.265850037
AMDHD1	NM_152435	91.50332862	4.672981507	4.18E-08	19.58135903
ANKIB1	NM_019004	82.52749646	2.41750019	1.07E-07	34.13753464
LAPTM4B	NM_018407	134.3165394	9.245387224	8.39E-11	14.52795174
IL10RB	NM_000628	139.1604715	9.492690246	6.35E-11	14.6597506
BNIP2	NM_004330	78.55606789	6.705796174	1.02E-05	11.7146519
DHX30	NM_138615	105.4835644	14.32443761	8.58E-07	7.363888709
ATP6V1C1	NM_001695	199.7648751	6.954471687	1.11E-17	28.7246658
C2orf47	NM_024520	329.7890429	16.90312424	1.05E-27	19.51053771
EFNA1	NM_182685	230.5033286	21.32737834	2.84E-16	10.80786044
ZSCAN25	NM_145115	175.9363036	11.87077006	2.20E-14	14.82096804
TIMM44	NM_006351	98.41321075	13.5982319	2.79E-06	7.237206385
FAM199X	NM_207318	84.43297501	3.195200482	1.48E-08	26.42493812
DEPDC4	NM_152317	78.55606789	6.798454996	6.21E-06	11.55498829
GEMIN4	NM_015721	165.9274965	20.92188898	4.11E-10	7.930808572
RTCB	NM_014306	55.04843942	4.767518842	0.00028349	11.54655938
STX16-NPEPL1	NR_037945	228.5978501	10.3970955	5.02E-19	21.98670293
SKIV2L2	NM_015360	53.85499293	3.843280895	7.92E-05	14.01276524
GFM1	NM_024996	118.4308251	3.966598805	1.51E-10	29.85702132
SLC30A3	NM_003459	237.5736822	9.522120643	1.55E-21	24.94966102
C22orf23	NM_032561	105.4835644	13.34432631	9.72E-07	7.904750069
EIF2D	NM_006893	211.6791608	9.266303679	8.10E-19	22.84396973
PCNP	NM_020357	148.1363036	6.081730632	1.69E-13	24.3575904
ACO2	NM_001098	96.5077322	14.32981985	4.99E-06	6.734748463
PGBD2	NM_170725	156.9516643	9.027733719	7.17E-13	17.38549997
RIC8B	NM_018157	234.4747572	4.17690421	6.14E-22	56.13601495
FNDC3A	NR_103528	57.66595002	2.159306181	4.24E-05	26.70577731
TMEM50A	NM_014313	192.8549929	5.301128901	2.44E-18	36.37998557
HAUS3	NM_024511	192.6945215	5.840268341	1.81E-18	32.9941212
PPIH	NM_006347	120.3363036	10.02789957	3.11E-09	12.00015046
BMPR1A	NM_004329	63.54285714	4.603244716	7.44E-05	13.80392768
GPATCH1	NM_018025	104.4505893	8.030706169	3.14E-08	13.00640157
RSF1	NM_016578	110.4879679	4.510393005	1.80E-09	24.49630616
C1orf106	NM_018265	63.70332862	8.443932513	0.000233852	7.544272591
CCDC24	NM_152499	136.2220179	15.26872462	2.22E-09	8.92163696

PINX1	NM_017884	138.2879679	5.827761578	3.83E-12	23.7291739
WDFY2	NM_052950	120.3363036	4.00326152	2.65E-11	30.05956594
DDX10	NM_004398	71.80665724	2.88883513	1.83E-06	24.85661313
TRAPPC9	NM_001160372	228.5978501	6.720637351	2.55E-20	34.01431117
DNAJC13	NM_015268	129.3121358	3.25293332	2.32E-12	39.75247048
LINC01144	NR_024270	207.5472607	30.09122169	1.06E-10	6.89726934
IPO5P1	NR_103742	83.56047148	5.549816261	3.03E-07	15.05643927
EMC7	NM_020154	174.9033286	4.827322832	3.78E-17	36.23195189
C6orf211	NM_024573	58.85939651	4.458022817	5.84E-05	13.2030272
LOC100130238	NR_024563	56.79344649	9.175868499	0.0010852	6.189435528
RTEL1-TNFRSF6B	NR_037882	123.2747572	28.79835372	1.11E-05	4.280618204
RRP1B	NM_015056	157.9846393	11.02270494	2.06E-12	14.33265611
XPO5	NM_020750	161.9560679	10.98152225	9.05E-13	14.74805261
RAB11FIP5	NM_015470	61.6373786	8.933120074	0.000274463	6.899871275
LINC01504	NR_110952	78.55606789	5.311713768	2.14E-06	14.7892133
PM20D2	NM_001010853	177.8417822	5.338853517	4.39E-17	33.31085627
SHQ1	NM_018130	203.5758322	4.650439939	9.10E-19	43.77560722
ARID3B	NM_006465	138.1274965	7.120760466	2.84E-11	19.39785745
LOC643339	NR_040096	126.2132108	4.966385295	1.04E-10	25.41349558
KARS	NM_001130089	144.1648751	7.691600331	9.54E-12	18.74315732
ADD3-AS1	NR_038943	208.7407072	6.399961445	1.92E-18	32.61593199
ABHD14A-ACY1	NR_037192	173.8703536	28.791643	1.35E-09	6.03891739
SMARCC1	NM_003074	95.63522867	5.62838011	9.09E-08	16.99160803
APIAR	NM_018569	212.5516643	3.064606027	6.05E-22	69.35692955
MSN	NM_002444	113.26595	4.539385417	5.91E-10	24.95182489
EMP3	NM_001425	91.50332862	17.80580726	0.000101746	5.138959852
DSC2	NM_004949	47.81761433	3.512147472	0.000209156	13.61492213
LURAPIL	NM_203403	51.94951438	3.052700493	0.000113105	17.01756019
PLA2G15	NM_012320	115.3319	12.11275186	5.67E-08	9.521527513
SBDS	NM_016038	193.8879679	8.029169567	8.38E-18	24.14794785
CPEB4	NM_030627	181.1011787	4.2211682	8.42E-17	42.90309462
NAGK	NM_017567	285.2308251	20.80716611	1.11E-21	13.70829759
STK38L	NM_015000	194.7604715	3.526171571	2.29E-18	55.23284037
PTPRE	NM_130435	113.4264215	8.799759972	4.12E-09	12.88971766
MRPS5	NM_031902	227.4044036	5.997761837	1.58E-21	37.91487721
NUP160	NM_015231	161.9560679	6.632776774	9.54E-14	24.41753634
ZFR	NM_016107	147.9758322	5.665777474	3.21E-13	26.1174804
AOC3	NM_003734	77.52309288	12.64292475	0.000234796	6.131737269
C9orf78	NM_016520	208.7407072	12.67198582	1.89E-17	16.47261213
RTTN	NM_173630	194.7604715	2.480140785	5.34E-19	78.52799027
ANO9	NM_001012302	59.57142857	6.005601999	8.74E-05	9.919310101
CPSF1	NM_013291	129.4726073	24.00118392	9.17E-07	5.394425861
LUZP1	NM_033631	114.298925	7.338813869	6.14E-09	15.57457746
RELT	NM_152222	256.3978501	13.5761467	3.42E-21	18.88590744
C15orf52	NM_207380	124.3077322	17.22178898	5.68E-08	7.218049897
ZRANB2	NM_005455	57.8264215	4.345883464	0.000113867	13.30602212
GRAMD1C	NM_017577	75.61761433	3.649486317	8.04E-07	20.72007065
RTN4IP1	NM_032730	70.77368223	5.008464607	9.42E-06	14.13081409
HSD17B7P2	NR_003086	91.50332862	3.545009319	2.09E-08	25.81187252
LOC101927124	NR_110045	52.82201792	3.919849839	0.000551481	13.47552077
WDR25	NM_001161476	171.0923715	6.145161445	3.09E-15	27.84180254
CCT5	NM_012073	119.3033286	14.1032552	8.36E-08	8.459276029
NUP214	NM_005085	182.8461858	6.863980384	1.86E-15	26.63850645
AHCY	NM_000687	134.3165394	19.34152146	3.12E-08	6.944466063
ARV1	NM_022786	73.71213579	5.760546499	2.88E-06	12.79603173
RNMT	NM_003799	154.0132108	5.399860956	1.79E-14	28.52169936
AK8	NM_152572	63.8638001	6.647244499	7.65E-05	9.60755996
GLUD1	NM_005271	71.64618576	3.998813447	7.39E-06	17.91686127
PITHD1	NM_020362	203.5758322	13.07445518	3.04E-16	15.57050212
NFE2L1	NM_003204	262.2747572	34.41427277	1.24E-15	7.621104154
C6orf165	NM_001031743	107.3890429	2.722285693	8.97E-11	39.4481164
SLAH1	NM_003031	69.58023574	8.183170273	6.99E-05	8.502845892

RPL26	NM_000987	201.8308251	28.7743075	1.49E-11	7.014272197
NOA1	NM_032313	144.1648751	12.80824541	3.80E-10	11.2556303
SIPA1L3	NM_015073	123.4352287	6.801194803	1.99E-10	18.14905061
GNG12	NM_018841	47.81761433	5.797115754	0.001413133	8.248518119
ZBTB26	NM_020924	136.2220179	4.697559681	3.23E-13	28.99846456
RPS10-NUDT3	NM_001202470	169.186893	7.597864491	5.74E-14	22.26769024
IFT140	NM_014714	69.74070721	7.995919813	0.000100274	8.722036844
CYP2J2	NM_000775	51.62857143	2.115411674	7.49E-05	24.40592158
CLMN	NM_024734	59.57142857	6.466832689	0.000137388	9.211840082
NUP188	NM_015354	182.8461858	10.96266952	1.21E-14	16.67898365
DDX55	NM_020936	227.5648751	10.55420832	9.48E-20	21.56152959
SLC25A4	NM_001151	244.3230929	18.52980434	8.55E-19	13.18541137
IL10RA	NM_001558	157.9846393	8.738365238	1.70E-13	18.07942733
NARFL	NM_022493	146.2308251	17.61604188	3.83E-09	8.30100349
RGPD8	NM_001164463	119.1428571	2.313419507	4.65E-12	51.50075755
RNASET2	NM_003730	201.6703536	3.390936069	1.45E-21	59.47335766
DENND2C	NM_001256404	114.298925	3.178108322	4.78E-11	35.96445226
SPAG7	NM_004890	117.3978501	19.57649987	1.22E-06	5.9968764
BMP7	NM_001719	70.61321075	8.772313918	5.68E-05	8.049553562
LARS2	NM_015340	104.4505893	5.997725941	7.12E-09	17.41503202
TMEM260	NM_017799	187.8505893	3.508338253	5.81E-18	53.54403589
UQCRQ	NM_014402	258.3033286	40.40370766	8.68E-13	6.393060032
HDAC1	NM_004964	183.8791608	11.71102126	5.27E-14	15.70137708
SNAPC3	NM_001039697	106.3560679	6.995804227	2.36E-08	15.20283651
ABTB2	NM_145804	156.0791608	8.673918801	9.02E-13	17.99407677
RNASEH2B	NM_001142279	138.2879679	4.027379447	1.80E-12	34.33696024
SEC22A	NM_012430	121.2088072	4.45158055	1.49E-10	27.22826327
POLRMT	NM_005035	134.3165394	13.5247823	3.62E-09	9.93114243
CMTM6	NM_017801	185.7846393	6.896773536	2.17E-17	26.9379063
BMP1	NR_033404	78.55606789	9.035334308	1.39E-05	8.694317799
NUPL2	NM_007342	130.1846393	10.05297795	2.35E-10	12.94985824
KCTD9	NM_017634	96.34726073	2.604219568	5.11E-10	36.99659656
B4GALT1	NM_001497	145.0373786	8.33778381	4.80E-12	17.3951954
ZKSCAN2	NM_001012981	70.61321075	7.624267226	3.38E-05	9.261639008
AEN	NM_022767	93.56927864	19.30408626	0.000127897	4.847122903
THRAP3	NM_005119	193.7274965	8.671839394	1.32E-16	22.33983906
FARSA	NM_004461	205.6417822	13.08628526	2.87E-16	15.71429769
INPP5E	NM_019892	95.47475719	14.76603148	1.29E-05	6.465837303
ZNF672	NM_024836	263.1472607	19.78157783	2.66E-19	13.30264264
CSTF2T	NM_015235	201.6703536	7.110522499	5.21E-20	28.36224112
PTRH1	NM_001002913	96.5077322	17.95658274	0.000135168	5.374504358
MICALL2	NM_182924	288.1692786	13.98354916	4.60E-24	20.60773523
RNF115	NM_014455	136.2220179	3.495792977	1.80E-13	38.96741564
RNASEL	NM_021133	188.7230929	5.224277293	4.75E-19	36.12424883
CCDC101	NM_138414	279.032975	8.047488571	2.53E-25	34.6732987
EFCAB14	NM_014774	99.60665724	6.488524154	8.86E-08	15.35120389
AKAP10	NM_007202	156.0791608	4.760761512	2.60E-14	32.78449474
OSMR	NM_001168355	54.72749646	3.824206474	5.93E-05	14.3108111
TUBA1B	NM_006082	233.4417822	57.97234041	6.72E-09	4.026778642
TRIP13	NM_004237	112.3934465	7.7236426	4.36E-09	14.55187045
PDCL3	NM_024065	161.9560679	8.579100587	2.67E-14	18.87797751
ZNF555	NM_001172775	79.42857143	5.747404727	6.33E-07	13.81990224
DDX20	NM_007204	66.64178218	9.222979588	0.000327256	7.225623948
TMX2-CTNND1	NR_037646	85.6264215	10.50183058	1.33E-05	8.153475803
RPL34-AS1	NR_026968	64.73630363	3.983478621	5.48E-06	16.25119896
TTC23L	NM_144725	202.7033286	4.335403473	2.08E-19	46.75535504
PSMD12	NM_174871	239.6396323	7.39908808	5.84E-22	32.3877253
NCAPD3	NM_015261	232.5692786	6.778279968	1.53E-20	34.3109579
GGN	NM_152657	150.9142857	26.53371303	6.14E-08	5.687642945
SOX13	NM_005686	310.9648751	9.876688431	1.70E-27	31.48473066
ATP5C1	NM_001001973	201.8308251	7.497731141	2.12E-18	26.91892004
TTC32	NM_001008237	128.1186893	22.39915115	5.47E-07	5.719801095

BBS10	NM_024685	242.4176143	8.22128731	1.11E-23	29.48657615
RPL7	NM_000971	273.4770108	16.71304273	6.20E-22	16.36308931
ZNF330	NM_001292002	132.2505893	3.878293581	8.52E-14	34.10020066
COX16	NM_001204090	157.1121358	5.850278679	8.02E-14	26.85549602
ERICH6	NM_152394	101.3516643	1.486591198	1.45E-10	68.17722614
FAM220A	NM_001037163	83.56047148	10.78960525	1.37E-05	7.74453463
NOL9	NM_024654	110.4879679	10.6566527	4.34E-08	10.36798055
RAB11FIP1	NM_025151	295.9516643	6.599174959	1.55E-28	44.84676738
STARD4-AS1	NR_040093	117.2373786	2.549708978	4.58E-11	45.98069019
MED20	NM_004275	202.8638001	8.39659886	1.25E-18	24.16023481
ZNF213-AS1	NR_110900	138.1274965	21.80776972	8.27E-08	6.333866243
CIDECP	NR_002786	97.54070721	11.94359356	1.10E-06	8.166780517
TMEM241	NM_032933	121.3692786	5.507245064	2.80E-10	22.03811111
C10orf111	NM_153244	130.3451108	7.896667758	1.09E-10	16.50634354
XRCC6BP1	NM_033276	268.3121358	8.050745782	1.47E-25	33.3276125
XPO1	NM_003400	191.8220179	7.065629132	1.16E-16	27.14861116
CCDC159	NM_001080503	76.65058935	13.10757884	0.000289425	5.847806852
CAPN7	NM_014296	222.5604715	4.1243582	3.85E-22	53.96244959
YARS2	NM_001040436	158.1451108	15.4288074	3.55E-11	10.2499893
ZBED5-AS1	NR_034137	160.0505893	5.507042236	6.85E-15	29.06289483
ALG6	NM_013339	214.7780858	4.637113835	2.63E-20	46.3171907
C9orf89	NM_032310	76.65058935	8.177304172	8.50E-06	9.373576883
STT3B	NM_178862	188.7230929	4.403095165	2.57E-17	42.86146127
TTC33	NM_012382	49.88356436	4.180064163	0.001155453	11.93368389
HIF1A-AS1	NR_047116	227.5648751	7.923547976	5.34E-21	28.72007284
RCCD1	NM_033544	174.9033286	22.1610307	8.31E-11	7.892382399
MPP5	NM_001256550	111.3604715	4.019720823	1.27E-09	27.70353375
CXCR4	NM_003467	131.2176143	7.741056822	4.88E-11	16.95086567
IMPACT	NM_018439	178.8747572	2.999405109	4.85E-19	59.63674485
CNOT11	NM_017546	132.2505893	11.29510745	1.27E-09	11.70866147
ARHGEF35	NM_001003702	123.4352287	18.31772913	3.99E-07	6.738566106
LENG8	NM_052925	212.7121358	25.00327542	4.54E-13	8.507370823
SDHB	NM_003000	102.3846393	8.295096559	4.77E-08	12.34279054
OLA1	NM_001011708	206.6747572	3.768761173	5.85E-20	54.83891064
EML5	NM_183387	46.78463932	2.533824825	0.000530079	18.46403858
PSMD1	NR_034059	162.9890429	5.884075245	1.60E-14	27.70002696
SRP54	NM_003136	161.9560679	5.008728448	2.99E-15	32.33476711
MEGF8	NM_001271938	106.5165394	9.43372343	1.81E-07	11.29103902
EPHA4	NM_004438	40.9077322	3.399354747	0.001862285	12.03396975
DR1	NM_001938	221.5274965	1.974411455	4.56E-28	112.1992561
LOC145783	NR_015419	76.65058935	10.58719001	5.58E-05	7.239937061
SPATA4	NM_144644	30.0264215	1.13688193	0.003355247	26.41120482
ZSWIM1	NM_080603	164.0220179	7.623762377	4.92E-15	21.51457637
AP5M1	NR_026895	44.87916077	3.178941206	0.000296979	14.11764417
LANCL2	NM_018697	113.4264215	6.922642078	5.28E-09	16.38484559
MTG1	NM_138384	100.3186893	6.273877485	5.26E-08	15.9899025
USP32	NM_032582	100.4791608	6.093516693	2.69E-08	16.48951925
OAZ1	NM_004152	342.7363036	28.07987209	1.51E-24	12.20576442
PDS5B	NM_015032	45.75166431	2.122317553	0.000523925	21.55740749
CDH1	NM_004360	221.5274965	8.055120253	2.64E-19	27.50145119
ZNF519	NR_033354	130.1846393	5.306442985	9.47E-12	24.53331539
DNAJC28	NM_001040192	152.9802357	15.49426852	1.25E-10	9.873343524
DGAT2	NM_001253891	58.85939651	10.39813081	0.001541717	5.660574734
ELOVL3	NM_152310	121.5297501	24.76320214	6.20E-06	4.907675082
RRN3P2	NR_003369	115.1714286	5.336967547	3.79E-10	21.57993796
LRR1Q3	NM_001105659	80.62201792	0.449701724	3.31E-09	179.2788724
YIPF3	NM_015388	154.1736822	12.01288846	1.27E-11	12.83402262
DNPH1	NM_006443	99.44618576	16.88296493	2.67E-05	5.890327093
VPS26B	NM_052875	126.2132108	8.618788385	9.43E-10	14.64396213
MAN1A1	NM_005907	194.7604715	3.753522525	8.10E-19	51.88738583
TMEM223	NM_001080501	270.2176143	54.9673482	5.41E-11	4.91596599
POLG2	NM_007215	157.2726073	10.92788965	3.84E-12	14.39185536

CACUL1	NM_153810	57.8264215	8.427311084	0.00092545	6.861787933
LMNTD2	NM_173573	130.1846393	13.80096471	3.07E-09	9.433010085
GGCX	NM_000821	94.44178218	21.73932229	0.000168381	4.344283641
UTP11L	NM_016037	191.6615464	10.1374955	1.27E-16	18.90620286
SDHAF1	NM_001042631	193.8879679	26.99818681	4.29E-09	7.181518127
TCTE3	NM_174910	189.7560679	5.025168615	4.59E-19	37.76113449
CLHC1	NM_152385	110.3274965	3.568136813	7.12E-11	30.92019792
TRNT1	NM_182916	177.8417822	7.443880617	2.37E-15	23.89100408
PLLP	NM_015993	84.43297501	10.29208697	9.14E-06	8.203678734
SCYL1	NM_001048218	111.3604715	18.4263319	1.90E-06	6.043550722
ARID2	NM_152641	45.03963225	2.741314523	0.000534339	16.42993968
RRP8	NM_015324	195.7934465	6.264255006	6.39E-20	31.25566349
LINC00888	NR_038302	119.3033286	6.179501058	1.23E-10	19.30630443
CDK12	NM_016507	187.8505893	6.162443747	2.43E-17	30.48313251
SYS1-DBNDD2	NR_003189	128.4396323	9.740892133	1.30E-09	13.18561283
UBR2	NM_001184801	207.7077322	3.218608798	1.24E-20	64.53338856
SMIM13	NM_001135575	114.298925	5.935632156	4.66E-10	19.25640303
ZNF443	NM_005815	67.83522867	6.056560573	3.04E-05	11.20028898
DGCR6	NM_005675	146.2308251	27.82158113	2.53E-07	5.256021373
MTHFD1	NM_005956	48.85058935	7.360662025	0.004678956	6.636711369
SHB	NM_003028	184.7516643	10.47200189	1.34E-14	17.64243993
FBXL8	NM_018378	128.2791608	24.88325019	3.25E-06	5.155241369
THOP1	NM_003249	129.3121358	8.211927429	9.91E-11	15.74686782
KHDRBS3	NM_006558	43.68571429	3.925243697	0.001025933	11.12942728
ACTR8	NM_022899	193.8879679	8.278736732	9.04E-18	23.41999441
ACTR5	NM_024855	153.1407072	10.23607668	1.77E-12	14.96087925
RECQL	NM_032941	73.00010373	4.640059656	3.41E-06	15.7325787
NDUFV2	NM_021074	188.8835644	4.980741999	1.22E-18	37.92277624
NUAK2	NM_030952	253.298925	9.664374545	1.16E-22	26.20955178
TSR2	NM_058163	78.55606789	8.587408282	2.64E-05	9.14782031
KIAA1804	NM_032435	215.4901179	3.904104656	6.97E-21	55.19578415
TLL2	NM_012465	105.4835644	8.08664487	4.84E-08	13.04416925
PRKAA1	NM_006251	75.45714286	3.665035867	3.24E-06	20.58837774
CAT	NM_001752	164.0220179	4.609162223	8.89E-16	35.5860805
PFDN1	NM_002622	115.3319	6.850704954	4.70E-09	16.83504119
MIA3	NM_198551	91.34285714	7.596713508	6.95E-07	12.02399657
DDX27	NM_017895	64.73630363	12.18141732	0.00146599	5.314349057
LIN7C	NM_018362	177.8417822	7.328407603	1.77E-16	24.26745233
ARL6IP5	NM_006407	67.51428571	6.757740041	5.79E-05	9.990660384
LRRRC56	NM_198075	79.74951438	7.951229873	4.39E-06	10.02983383
CUEDC2	NM_024040	156.0791608	26.92785119	1.98E-08	5.796198132
NARS	NM_004539	110.4879679	9.023927747	2.36E-08	12.24388881
SOCS1	NM_003745	155.9186893	24.61384562	9.48E-08	6.334592803
KCTD16	NM_020768	71.64618576	0.919811585	1.08E-07	77.89224112
NKIRAS1	NM_020345	152.1077322	5.958429758	1.46E-13	25.52815731
ZNF286B	NM_001145045	82.68796794	4.584622819	3.13E-07	18.03593691
KPNA4	NM_002268	48.85058935	4.67824442	0.001298083	10.44207719
KBTBD8	NM_032505	137.0945215	3.520967504	6.98E-15	38.93660515
7-Sep	NM_001011553	66.64178218	3.331284066	5.61E-06	20.00483323
OTUD7B	NM_020205	196.66595	7.274273529	4.32E-17	27.03582004
CLUHP3	NR_024034	92.53630363	14.88572728	4.17E-05	6.216444915
CCDC130	NM_030818	213.7451108	11.91168783	1.51E-17	17.94414979
GSTP1	NM_000852	206.6747572	33.51650883	7.84E-11	6.166356951
MRPS26	NM_030811	229.4703536	34.53092535	1.28E-11	6.645357786
ARX	NM_139058	50.75606789	5.580866094	0.000393179	9.094657897
PIGK	NM_005482	134.3165394	2.225906545	4.01E-13	60.34239832
CINP	NM_032630	183.8791608	8.888151645	1.51E-15	20.68812146
YAE1D1	NM_020192	167.9934465	8.495525008	5.88E-15	19.77434547
LOC729658	NR_122120	32.80440358	0.222684494	4.81E-05	147.3133713
CDS1	NM_001263	81.65499293	3.095146196	7.65E-08	26.38162715
THOC6	NM_001142350	194.7604715	24.25394902	7.78E-12	8.030051984
NOP58	NM_015934	216.6835644	8.855938649	1.41E-18	24.46759999

GTSE1	NM_016426	83.72094295	10.00425137	1.76E-05	8.368536524
ZNF800	NM_176814	151.2352287	3.688206794	1.92E-15	41.0050838
DIAPH1	NM_005219	114.4593965	6.931286171	6.57E-09	16.51344263
TMEM19	NM_018279	217.7165394	3.810816958	3.06E-23	57.13119832
SOWAHC	NM_023016	62.67035361	3.475434794	1.11E-05	18.03237791
LOC101928068	NR_111907	162.9890429	23.46436351	1.42E-09	6.94623755
TXNL1	NR_024546	122.2417822	4.980092887	3.36E-11	24.54608477
SDSL	NM_138432	111.520943	8.685395324	1.44E-08	12.84005377
EIF2AK3	NM_004836	96.5077322	4.05855792	2.73E-08	23.77882344
PDXDC2P	NR_003610	157.1121358	6.279212967	4.86E-14	25.02099174
BET1	NM_005868	115.3319	3.914094461	1.01E-11	29.46579374
FLJ30679	NR_026674	202.8638001	30.65015715	1.73E-10	6.618687111
LRRRC8A	NM_019594	80.62201792	10.1859647	3.22E-05	7.915010539
PMVK	NM_006556	67.83522867	15.56861082	0.00196063	4.357179292
SLC16A14	NM_152527	90.63082508	8.180287366	5.83E-07	11.07917375
NEK9	NM_033116	178.0022537	7.327601061	1.99E-15	24.29202302
MRPS14	NR_037606	110.4879679	9.595387047	3.80E-08	11.51469632
EIF2AK4	NM_001013703	189.9165394	5.150634596	3.14E-17	36.87245442
SLX4IP	NM_001009608	89.4373786	4.799105732	3.03E-07	18.63625925
SVOP	NM_018711	41.78023574	4.197871725	0.001018023	9.952718538
EVPL	NM_001988	218.9099859	13.27072487	1.81E-17	16.49570675
FANCL	NM_018062	188.7230929	3.466958328	6.08E-19	54.43477395
ERII	NM_153332	107.5495144	4.261237141	6.71E-10	25.23903524
LOC101928438	NR_109802	199.7648751	4.17364163	5.20E-18	47.86344702
FLJ10038	NR_026891	84.59344649	15.77150553	0.000121866	5.363688731
ATM	NM_000051	98.57368223	3.724368891	2.36E-09	26.4672177
ZCRB1	NM_033114	151.0747572	5.244217699	1.06E-14	28.80787295
SIX4	NM_017420	80.46154644	12.38062714	7.83E-05	6.498987939
ATF1	NM_005171	55.76047148	4.85799293	0.000208368	11.47808823
M6PR	NM_001207024	152.9802357	14.02074167	5.31E-11	10.91099454
DIP2B	NM_173602	150.0417822	4.961415394	3.13E-13	30.24172948
UBN2	NM_173569	45.75166431	2.766134119	0.000469618	16.53992986
SLC38A2	NM_018976	243.4505893	19.61081201	1.77E-17	12.4141004
PFDN4	NM_002623	95.47475719	6.103802015	5.54E-08	15.64185027
COX5A	NM_004255	215.6505893	5.72204586	1.36E-21	37.68767232
LOC286190	NR_038881	98.57368223	6.07598846	1.57E-08	16.22348082
FAHD2A	NM_016044	211.6791608	14.97069088	4.75E-16	14.13957194
AARS2	NM_020745	211.8396323	12.69283205	3.29E-17	16.68970576
B3GALNT2	NM_001277155	203.7363036	5.785400049	1.47E-18	35.21559476
HUS1	NM_004507	224.46595	9.235884797	4.97E-20	24.30367582
CBL	NM_005188	125.1802357	5.326310373	6.30E-11	23.50224207
NR2F1	NM_005654	42.81321075	4.858548734	0.002456259	8.811933995
CBX3P2	NR_033754	177.8417822	7.776234239	3.29E-16	22.86991064
RSBN1L	NM_198467	179.9077322	4.759391612	1.46E-16	37.80057345
NAPRT	NM_001286829	149.1692786	31.40284338	1.09E-06	4.750183824
GINM1	NM_138785	182.8461858	6.700610682	6.61E-17	27.28798828
ASF1A	NM_014034	109.2945215	6.172700466	2.40E-09	17.7061113
SETX	NM_015046	198.8923715	7.011478438	3.35E-17	28.3666809
CYP51A1-AS1	NR_122109	142.098925	5.324092453	4.46E-13	26.68979292
LYPD6B	NM_177964	37.80880717	3.432943402	0.003480595	11.01352476
HACE1	NR_104424	150.0417822	3.634044423	1.24E-14	41.2878228
CEP290	NM_025114	66.80225365	2.078946674	4.41E-06	32.13274034
TMOD2	NM_014548	55.6	5.961792463	0.00040689	9.32605426
ANKRD13C	NM_030816	185.7846393	3.611366807	1.99E-18	51.44441128
PSMD5	NM_001270427	173.1583215	7.963056774	1.08E-14	21.74520746
LINC01136	NR_034151	178.8747572	11.75243522	8.48E-15	15.22022915
ARL4D	NM_001661	199.7648751	19.57200372	5.51E-13	10.20666448
SLC39A14	NM_001135153	47.97808581	8.937440534	0.004651396	5.368213151
TRADD	NM_003789	86.49892504	11.29537923	2.50E-05	7.657903576
LINC01126	NR_027251	113.4264215	8.028327834	3.86E-08	14.12827476
PEAK1	NM_024776	184.7516643	2.4951634	7.27E-18	74.04391404
NUDCD2	NM_145266	214.7780858	11.44640326	3.22E-18	18.76380561

SAV1	NM_021818	150.2022537	2.258720964	1.09E-16	66.49880885
GABPB1	NM_002041	158.1451108	6.246678265	3.57E-14	25.31667297
C5orf28	NM_022483	154.1736822	3.321299353	5.21E-15	46.41968876
NCBP1	NM_002486	106.3560679	7.911241045	2.69E-08	13.44366419
RELB	NM_006509	63.54285714	9.102928211	0.000270991	6.980485363
LOC100288974	NR_033857	105.4835644	5.661189854	1.78E-09	18.63275514
DNAJC17	NM_018163	98.41321075	6.124940526	2.38E-08	16.067619
ANKRD50	NM_001167882	231.5363036	3.390104877	1.76E-23	68.29768165
LOC100130987	NR_024469	86.49892504	12.26446122	1.29E-05	7.052810837
MTHFD2	NR_027405	293.0132108	14.59018914	1.21E-24	20.08289323
GADD45B	NM_015675	260.3692786	40.29152675	3.44E-13	6.462134836
ARPC5L	NM_030978	189.7560679	22.12048082	3.43E-12	8.578297617
INADL	NM_176877	112.232975	3.685905586	2.43E-10	30.44922676
FUCA2	NM_032020	85.78689298	10.79590831	6.79E-06	7.946241347
MANBAL	NM_001003897	201.8308251	10.72296308	2.05E-16	18.82229973
COX20	NM_198076	179.7472607	21.4298834	9.00E-12	8.38769196
CCDC18	NM_206886	221.6879679	4.582565264	7.90E-21	48.37639077
LINC00467	NR_026761	244.3230929	4.485814051	2.08E-24	54.46572018
RRAGA	NM_006570	190.7890429	44.51506678	3.87E-07	4.285943091
SUPT6H	NM_003170	128.4396323	11.92295265	6.50E-09	10.77246853
RNF43	NM_017763	73.87260726	11.38111393	0.000116866	6.49080641
DCAF15	NM_138353	130.3451108	11.69221987	1.48E-09	11.14802085
DNAJC27-AS1	NR_034113	184.7516643	7.192320673	5.51E-16	25.68735082
SLC35A4	NM_080670	134.1560679	14.7472187	8.44E-09	9.097041997
RFC1	NM_001204747	109.4549929	5.760971734	2.74E-09	18.99939767
GUF1	NM_021927	172.9978501	5.805319296	2.48E-16	29.79988546
RPS11	NM_001015	177.8417822	43.89643549	6.17E-07	4.051394611
KIAA1161	NM_020702	217.7165394	14.00577574	1.37E-17	15.54476834
JAG1	NM_000214	290.9472607	10.31082214	4.02E-25	28.21765876
NMD3	NM_015938	165.9274965	5.380636544	5.46E-15	30.83789345
RPL24	NM_000986	217.5560679	18.44829617	1.21E-15	11.79274584
HEYL	NM_014571	196.8264215	14.27420247	2.34E-15	13.78896102
FBXL3	NM_012158	133.1230929	5.189579272	5.47E-12	25.65200104
COX10	NM_001303	189.7560679	4.610467706	4.22E-17	41.15766122
DCUN1D2	NM_001014283	67.67475719	7.743867425	7.86E-05	8.739142017
NPC1	NM_000271	159.3385573	9.505418892	1.51E-12	16.76291798
ARHGEF37	NM_001001669	47.81761433	5.322350903	0.001267201	8.984303215
C10orf76	NM_024541	239.8001037	8.175610704	1.48E-20	29.33115487
UBASH3B	NM_032873	189.9165394	8.159358011	8.38E-16	23.27591694
XYLB	NM_005108	109.4549929	6.345335055	2.66E-09	17.24967901
PPIL1	NM_016059	214.6176143	11.61842037	6.30E-18	18.47218534
BCL7A	NM_020993	80.46154644	9.268445257	7.98E-06	8.681234469
CDC37L1	NM_017913	297.1451108	4.360449802	1.97E-31	68.14551807
GPATCH11	NM_174931	83.56047148	5.880693742	1.32E-06	14.20928808
LRWD1	NM_152892	206.6747572	37.17509205	4.25E-10	5.559495506
CTC-338M12.4	NR_109909	190.7890429	24.38648873	5.48E-12	7.823555289
NPDC1	NM_015392	140.1934465	8.397223069	3.71E-12	16.69521523
RBBP9	NM_006606	124.4682037	7.061728454	9.46E-11	17.62574198
CTBS	NM_004388	291.9802357	7.250061238	1.63E-28	40.27279579
ANP32B	NM_006401	79.5890429	9.680789047	3.05E-05	8.221338417
HSPA12A	NM_025015	81.49452145	13.66512352	7.82E-05	5.963687142
SMYD5	NM_006062	128.2791608	12.62575287	7.78E-09	10.16011972
PCOLCE2	NM_013363	80.46154644	4.885434235	1.50E-06	16.46968162
APPBP2	NM_006380	267.4396323	6.85914781	3.93E-24	38.99021273
PRKAB1	NM_006253	163.1495144	13.58983623	3.92E-12	12.00525979
SLC7A5	NM_003486	311.8373786	16.52986807	1.89E-24	18.86508575
CRACR2A	NM_032680	117.3978501	4.282014471	3.88E-10	27.41650008
RNF139	NM_007218	189.9165394	11.66900668	5.21E-15	16.27529613
THUMPD1	NM_017736	84.59344649	14.81875889	5.56E-05	5.708537881
COQ5	NM_032314	167.9934465	7.458735296	4.23E-15	22.52304711
MGME1	NM_052865	73.71213579	6.026545148	3.04E-06	12.23124261
C17orf59	NM_017622	106.6770108	22.90815957	0.000117668	4.656725501

LOC100288846	NR_038935	88.56487506	6.204071448	1.91E-06	14.2752829
TIMM17A	NM_006335	141.386893	7.863156155	9.86E-12	17.98093414
SEC61A1	NM_013336	185.7846393	19.0701932	2.27E-12	9.742147727
TLX3	NM_021025	59.73190005	7.054621109	0.000504514	8.467059977
PABPC1L	NM_001124756	212.5516643	12.65038577	4.94E-17	16.80199072
ATP1A3	NM_001256214	186.8176143	7.761979268	6.88E-16	24.06829597
GNB2L1	NM_006098	206.8352287	28.60959537	4.79E-12	7.229575462
REEP6	NM_138393	153.1407072	12.3334621	1.08E-11	12.41668446
MEMO1	NM_015955	57.66595002	2.907792178	4.10E-05	19.83152388
EFNB1	NM_004429	146.0703536	9.482133943	1.55E-11	15.40479754
CCS	NM_005125	314.9363036	14.36896106	7.10E-27	21.91782011
TNKS2	NM_025235	69.74070721	3.917722295	2.60E-06	17.80134016
MICU2	NM_152726	278.1604715	3.207121131	3.84E-28	86.73213766
LOC100507250	NR_038930	109.2945215	9.743216831	2.30E-08	11.21749863
RAD51AP1	NM_006479	65.60880717	6.01119905	2.20E-05	10.91442932
BAG2	NM_004282	218.5890429	10.64473523	8.95E-19	20.5349441
SGPL1	NM_003901	108.2615464	7.617319749	1.91E-08	14.21255113
MGMT	NM_002412	49.72309288	1.017218226	2.98E-05	48.88144118
KRTCAP2	NM_173852	149.0088072	18.87019583	5.24E-09	7.896516204
INO80E	NM_173618	156.9516643	15.64399748	3.83E-11	10.03270836
SLC25A30-AS1	NR_047031	195.7934465	22.5591665	3.63E-12	8.67910818
LOC100133091	NR_029411	167.832975	8.08115772	3.75E-14	20.76843205
NARS2	NM_001243251	159.0176143	3.478098245	1.68E-15	45.71970172
PIGS	NM_033198	159.8901179	11.81998307	2.15E-12	13.5271021
ANKRD36B	NM_025190	117.2373786	2.992403762	2.22E-11	39.17832884
SRP14	NM_003134	183.8791608	12.87586817	1.35E-14	14.28091359
ISY1	NM_001199469	47.81761433	6.25868161	0.001193563	7.640205608
PSMF1	NM_006814	166.9604715	8.017035728	3.88E-14	20.82571129
WWTR1-AS1	NR_040250	195.7934465	19.7117164	4.62E-13	9.932846155
ADCK3	NM_020247	142.098925	7.948962413	7.14E-12	17.87641174
BRAF	NM_004333	110.3274965	3.058931056	1.73E-10	36.06733674
PPP2CA	NM_002715	122.2417822	10.81919154	3.30E-09	11.29860598
TYK2	NM_003331	174.9033286	8.262154101	1.58E-14	21.16921646
ACYP2	NM_138448	85.6264215	4.070782108	7.10E-08	21.03439075
SUMO2	NM_006937	119.4638001	19.23770378	1.26E-06	6.209878346
HCFC2	NM_013320	142.098925	3.565489917	1.49E-13	39.85396912
NUTF2	NM_005796	74.58463932	11.44701779	9.20E-05	6.51563933
TTN-AS1	NR_038271	111.520943	4.522903935	1.40E-09	24.65693381
PDX1	NM_000209	125.1802357	9.866192386	1.26E-09	12.68779594
EXOSC8	NM_181503	134.3165394	12.12191885	8.43E-10	11.08046845
KBTBD6	NM_152903	162.9890429	10.2816755	1.34E-13	15.85238154
TUBE1	NM_016262	171.9648751	2.753967766	2.11E-19	62.44258817
ANKRD19P	NR_026868	40.74726073	3.5375303	0.001408838	11.51856161
TUBA1C	NM_032704	314.9363036	26.67554201	6.05E-22	11.80618199
PRMT9	NM_138364	112.3934465	4.896894788	7.55E-10	22.95198311
PROSER2	NM_153256	127.2461858	6.09469187	1.83E-11	20.87819835
BCRP2	NR_037566	45.91213579	4.330180188	0.001615275	10.60282339
SLFN5	NM_144975	257.2703536	9.590973276	1.88E-22	26.82421754
FCF1	NM_015962	88.40440358	5.276638379	9.07E-08	16.75392499
ZNF862	NM_001099220	144.1648751	13.00907313	2.48E-10	11.08187137
DUSP23	NM_017823	152.1077322	9.800195326	2.71E-11	15.52088781
CYBRD1	NM_001256909	81.49452145	5.594214379	5.70E-07	14.56764363
BOLA1	NM_016074	188.8835644	31.3197033	2.49E-08	6.030822276
CDC42EP2	NM_006779	250.3604715	19.99573047	2.36E-18	12.52069645
PTGER4	NM_000958	162.9890429	6.670889525	9.65E-15	24.43287995
LOC400684	NR_046201	227.4044036	11.63309843	4.23E-19	19.54805119
ISL1	NM_002202	118.2703536	6.080042273	1.22E-10	19.45222554
MTX2	NM_006554	232.4088072	3.369302294	9.88E-23	68.97831862
TNFRSF21	NM_014452	179.9077322	5.057754593	1.46E-16	35.5706725
MTX3	NM_001010891	135.1890429	2.826515763	1.04E-14	47.82886573
PSMC1	NM_002802	141.2264215	11.90613227	1.68E-10	11.861654
FAM188A	NM_024948	124.1472607	3.671871272	6.80E-12	33.81035214

AP1M1	NM_001130524	73.71213579	9.251175872	2.60E-05	7.967866659
VPS37C	NM_017966	79.5890429	10.35917182	3.08E-05	7.682954229
TWISTNB	NM_001002926	208.7407072	4.1203764	8.92E-23	50.66059189
ST3GAL6-AS1	NR_046683	140.353918	6.284999929	1.29E-12	22.33157033
FAM229B	NM_001033564	97.54070721	3.543996307	1.90E-09	27.5228016
FAM32A	NM_014077	73.87260726	10.30045323	0.000108039	7.17178221
MYT1	NM_004535	41.78023574	6.219148918	0.00431123	6.717998924
LOC100147773	NR_125374	127.4066572	10.43492608	8.28E-10	12.20963678
U2SURP	NM_001080415	89.59785007	3.652728958	1.95E-08	24.52901683
LRRRC73	NM_001012974	88.40440358	18.5802823	0.000265546	4.757968806
FUT2	NM_001097638	131.2176143	14.94164123	1.35E-08	8.782008101
KDSR	NM_002035	125.1802357	5.808875604	2.54E-11	21.54982208
MEA1	NM_014623	167.832975	34.65413958	7.13E-07	4.843085907
CCDC136	NM_001201372	74.58463932	7.337729652	2.18E-05	10.16453901
TONSL	NM_013432	302.8615464	23.00125163	2.78E-22	13.16717678
FLJ37035	NR_033847	140.353918	9.165962709	1.24E-11	15.31251244
VTIIA	NM_145206	430.2682037	6.306690931	2.21E-40	68.22408271
PYCRL	NM_023078	172.8373786	30.6238797	1.28E-08	5.643875965
SBF2-AS1	NR_036485	85.6264215	10.29418036	1.15E-05	8.317944555
MKLN1-AS	NR_125364	107.5495144	5.462584195	2.76E-09	19.68839482
MRPL45P2	NR_033934	94.44178218	9.447257954	1.79E-06	9.996740074
KCTD10	NM_031954	165.9274965	12.05191404	1.43E-12	13.76772984
TGFB1	NM_000660	90.47035361	12.13767942	1.03E-05	7.453677962
DNAJC30	NM_032317	147.1033286	7.559385989	1.13E-12	19.45969274
GRIPAP1	NM_020137	96.34726073	6.440948234	1.14E-07	14.95855225
MAK16	NM_032509	70.9341537	9.317013282	0.000121483	7.613400513
PWP2	NM_005049	105.4835644	12.9384341	5.74E-07	8.15273035
IRF7	NM_001572	231.6967751	43.52347811	9.57E-11	5.323489417
IPPK	NM_022755	81.8154644	8.570737446	4.80E-06	9.545907213
EEA1	NM_003566	121.3692786	2.355749841	1.67E-11	51.52044437
NUDT5	NM_014142	132.2505893	11.18949673	4.86E-10	11.81917226
C1orf213	NR_033690	233.6022537	28.76615117	8.74E-14	8.120733716
MAN1A2	NM_006699	159.0176143	2.23390508	1.06E-15	71.18369343
LPPR2	NM_001170635	125.1802357	13.51873857	1.09E-08	9.259757121
LSM3	NM_014463	56.79344649	5.969412949	0.000148247	9.514075667
USP47	NM_001282659	132.2505893	3.986231965	1.53E-11	33.17684232
MBTPS1	NM_003791	87.69237152	11.27658243	6.95E-06	7.776502508
C9orf156	NM_016481	131.2176143	8.739827602	1.59E-10	15.01375317
KANK2	NM_001136191	156.9516643	11.67024593	1.14E-11	13.44887377
CUL5	NM_003478	63.70332862	5.276673637	7.03E-05	12.07263003
UPK1A-AS1	NR_046420	67.67475719	5.067836409	6.81E-06	13.35377698
C15orf39	NM_015492	289.0417822	15.49238618	1.11E-23	18.65702151
RPL32P3	NR_003111	95.47475719	15.92473932	1.85E-05	5.995373317
CA13	NM_198584	181.9736822	4.822711005	1.01E-17	37.73265328
ZNF18	NM_144680	222.5604715	6.182881029	3.96E-22	35.99624034
CHUK	NM_001278	194.920943	8.812149925	3.55E-16	22.11956726
ESD	NM_001984	146.0703536	5.024825742	4.68E-14	29.06973517
PLIN5	NM_001013706	81.65499293	3.392579116	5.92E-08	24.06870706
BTN2A3P	NR_027795	87.53190005	10.27860506	6.82E-06	8.515931838
PJA1	NM_001032396	81.49452145	7.837456538	5.06E-06	10.39808273
PMM2	NM_000303	152.1077322	11.20370292	1.09E-11	13.57655886
TICRR	NM_152259	171.9648751	5.841582766	6.82E-16	29.4380619
ACTR3C	NM_001164458	48.85058935	5.920727379	0.001351615	8.250774984
ZC3HC1	NM_016478	159.0176143	8.298971942	7.88E-14	19.16112206
FAM103A1	NM_031452	165.9274965	7.528149192	5.52E-15	22.04094157
CYB5R1	NM_016243	79.5890429	15.76210396	0.000341376	5.049392081
WDR77	NM_024102	117.2373786	6.105515409	3.80E-10	19.20188072
MSL3P1	NR_024322	112.3934465	7.606326975	5.09E-09	14.77631015
ZNF830	NM_052857	145.1978501	3.999350157	3.92E-14	36.30536072
SLC48A1	NM_017842	134.1560679	12.76384392	1.11E-09	10.51063212
ASB1	NM_001040445	100.4791608	9.177310281	3.70E-07	10.94865028
NT5DC3	NM_001031701	48.69011787	7.204790064	0.004653482	6.75802035

SLC6A17	NM_001010898	174.9033286	8.715602693	6.69E-15	20.06784095
CTDSP2	NM_005730	73.55166431	14.90071064	0.000326473	4.936117887
ADPRHL1	NM_199162	145.0373786	7.955604047	1.52E-12	18.23084429
C15orf56	NM_001039905	140.353918	19.69377385	4.72E-08	7.12681678
SMG5	NM_015327	249.3274965	12.14693182	1.34E-20	20.52596492
EIF5S2	NM_003908	212.7121358	13.43775037	2.21E-16	15.8294454
ECH1	NM_001398	74.7451108	14.32670629	0.000275257	5.217187349
FUK	NM_145059	107.3890429	16.90558695	1.46E-06	6.352281246
GALNS	NM_000512	157.9846393	18.12332866	4.71E-10	8.717197724
XAB2	NM_020196	87.53190005	15.08463949	3.82E-05	5.802717401
NDUFA6-AS1	NR_034118	118.2703536	10.7771322	1.30E-08	10.97419531
ERCC6	NM_000124	229.4703536	6.370070053	3.65E-20	36.02320723
IDH3A	NM_005530	139.320943	8.38219451	2.65E-11	16.62105822
TDRD7	NM_014290	64.57583215	5.222919271	3.70E-05	12.36393457
ULBP2	NM_025217	159.0176143	15.79090943	3.52E-11	10.07019989
LAMB2	NM_002292	81.65499293	15.00187006	0.00013484	5.442987616
UBE2D4	NM_015983	223.5934465	12.1515268	3.39E-18	18.40044056
KCTD12	NM_138444	42.81321075	2.759718071	0.000856931	15.51361757
CAPNS1	NM_001749	223.5934465	12.97517864	2.26E-18	17.23239831
AGPAT6	NM_178819	157.1121358	10.80002496	2.71E-12	14.54738636
GOLT1A	NM_198447	65.76927864	8.785368129	0.000376794	7.486229111
BUB1B	NM_001211	125.3407072	3.109740401	1.64E-12	40.30584263
SMU1	NM_018225	154.1736822	8.935006014	2.71E-12	17.25501717
AQR	NM_014691	171.0923715	3.810262074	1.28E-15	44.90304556
DECR2	NM_020664	155.9186893	5.257512014	4.10E-15	29.65636387
SMAD4	NM_005359	129.1516643	4.848218774	1.58E-11	26.63899266
POLR2J	NM_006234	105.4835644	6.774064286	2.46E-09	15.57168044
GNS	NM_002076	87.53190005	4.761963336	1.62E-07	18.38147291
TAX1BP3	NM_014604	256.3978501	34.87132503	8.15E-15	7.352684472
TMTC2	NM_152588	94.44178218	2.176282087	1.06E-08	43.39592866
RBM41	NM_001171080	47.97808581	1.897127526	0.000194108	25.28985804
LMAN2	NM_006816	227.5648751	10.2002014	1.17E-19	22.30984137
CNPPD1	NM_015680	151.0747572	13.20160235	3.82E-11	11.44366822
ACOT8	NM_005469	200.6373786	13.47562457	8.61E-16	14.88891127
FBF1	NM_001080542	319.9407072	17.04029548	1.25E-25	18.77553753
USP24	NM_015306	48.85058935	3.811864588	0.000289891	12.81540522
GRID1	NM_017551	39.87475719	3.705358523	0.001974547	10.76137625
LYRM5	NM_001001660	198.7319	12.06752595	4.21E-16	16.46832174
PRIM1	NM_000946	124.3077322	5.220260211	4.39E-11	23.81255477
MAGOH	NM_002370	52.98248939	8.077421326	0.000979644	6.55933215
RPAP1	NM_015540	166.9604715	9.569097213	1.32E-13	17.44788121
CLIP2	NM_003388	58.69892504	7.409814352	0.000548213	7.921780796
DPY19L2P1	NR_002833	25.89452145	0.029745166	0.00071964	870.5455468
LOC101060553	NR_120398	247.5824894	11.20400522	1.53E-22	22.09767708
STXBP3	NM_007269	226.5319	4.440779352	9.01E-22	51.01174414
CLDN1	NM_021101	46.78463932	3.81661504	0.001412023	12.25814991
TRIM4	NM_033017	133.4440358	8.864251383	1.95E-10	15.05417999
FAHD2B	NM_199336	252.4264215	11.5924103	1.14E-21	21.77514555
MAP1S	NM_018174	82.52749646	7.98637989	1.97E-06	10.33353004
EIF5A2	NM_020390	142.098925	0.810845466	1.82E-19	175.2478505
HSPA13	NM_006948	85.46595002	0.957441947	3.22E-11	89.26488991
CDCA2	NM_152562	183.8791608	7.440957753	6.36E-16	24.71175981
LINC01182	NR_121681	32.80440358	0.141570956	0.001106095	231.7170446
RADIL	NM_018059	45.75166431	6.247943877	0.002446871	7.322675301
TANC1	NM_033394	330.8220179	6.922078816	3.38E-29	47.79229285
SUSD2	NM_019601	40.03522867	3.809884782	0.003144427	10.50825181
SDF2L1	NM_022044	115.3319	27.22842216	0.000177688	4.235717347
MAP1LC3B	NM_022818	127.2461858	16.9667892	4.59E-08	7.499721028
ZNF850	NM_001267779	38.84178218	2.474462907	0.001237484	15.69705574
TTC12	NM_017868	144.0044036	5.353078221	5.51E-13	26.90123283
MKI67	NM_001145966	88.56487506	17.57356696	7.24E-05	5.039664132
PI4K2B	NM_018323	185.7846393	4.555520894	6.75E-18	40.78230429

C1GALT1	NM_020156	183.7186893	4.056909129	3.07E-17	45.28538438
C10orf107	NM_173554	33.99785007	1.216922158	0.000807715	27.93757172
NLN	NM_020726	78.55606789	4.453604755	3.16E-06	17.63876056
TIPIN	NM_001289986	136.2220179	7.706908598	5.82E-12	17.67531251
PBK	NM_001278945	77.68356436	5.646394366	1.82E-06	13.75808336
CEP135	NM_025009	92.53630363	3.689915907	1.29E-08	25.07816058
SPAG5	NM_006461	72.67916077	11.04788432	0.000152849	6.578559174
FAM227B	NM_152647	111.3604715	1.307805147	1.30E-10	85.15066007
RLF	NM_012421	204.7692786	4.411198044	2.47E-19	46.42033221
MRPL51	NM_016497	199.7648751	34.82596646	3.12E-08	5.736089917
POLR2A	NM_000937	477.7648751	20.55679578	1.02E-39	23.24121327
STARD5	NM_181900	143.1319	6.564591523	9.96E-13	21.80362625
ADRB2	NM_000024	96.5077322	14.08476597	2.05E-05	6.85192302
FAR1	NM_032228	93.56927864	3.546213238	5.05E-09	26.38568872
FGF9	NM_002010	145.0373786	7.746073554	2.13E-12	18.72398675
TST	NM_001270483	95.47475719	23.0389376	0.000315535	4.144060756
ZNF329	NM_024620	109.4549929	1.952487573	4.44E-12	56.05925202
OBFC1	NM_024928	249.4879679	12.89405995	2.66E-20	19.34906219
ATP5B	NM_001686	315.9692786	21.47205064	1.89E-24	14.71537507
C2CD4A	NM_207322	47.81761433	4.423313568	0.000729597	10.81036051
SMNDC1	NM_005871	61.79785007	10.0934054	0.000619142	6.122596651
CYB5B	NM_030579	193.8879679	9.818178453	4.56E-16	19.74785535
FERMT1	NM_017671	171.8044036	5.701865892	5.48E-16	30.13125999
MPHOSPH8	NM_017520	130.1846393	11.61752014	6.99E-10	11.20588884
LOC344967	NR_027277	174.9033286	7.368411674	8.18E-16	23.73691053
OGFOD1	NM_018233	153.1407072	5.89090458	7.62E-14	25.99612761
GRHL2	NM_024915	101.5121358	7.186394859	8.96E-08	14.12559952
CHKB	NM_005198	135.1890429	25.47615884	9.67E-07	5.306492385
MTERF4	NM_182501	159.0176143	11.15459795	1.59E-12	14.25579075
MCC	NM_001085377	82.68796794	4.64026661	1.17E-06	17.81965885
DDI2	NM_032341	62.83082508	6.264185249	6.03E-05	10.03016715
TVP23C	NM_145301	177.8417822	6.842945051	3.12E-15	25.98907062
ATP1B1	NM_001677	181.8132108	9.806531709	2.22E-15	18.54001151
FAM8A1	NM_016255	119.1428571	11.57116907	8.56E-09	10.2965272
RAB25	NM_020387	79.74951438	14.93805951	0.000196977	5.338679656
POLR2E	NM_002695	100.6396323	20.8099234	3.94E-05	4.836136603
DDX59	NM_001031725	130.3451108	4.657893739	1.64E-12	27.9837021
POR	NM_000941	271.2505893	10.14046072	4.05E-23	26.74933583
HSPA9	NM_004134	139.320943	14.51421876	1.61E-09	9.598928143
SNX4	NR_073435	164.0220179	3.800231073	4.48E-15	43.16106436
WDR75	NM_032168	183.8791608	1.901205858	3.26E-21	96.71712296
HEBP2	NM_014320	95.47475719	3.30843735	7.80E-10	28.85796135
SETD5	NM_001292043	44.7186893	5.987771395	0.002427083	7.468336105
RBM15	NM_001201545	139.1604715	10.15185025	6.12E-11	13.70789246
ZNF551	NM_138347	94.60225365	9.037169464	2.63E-07	10.46812877
WDR11-AS1	NR_033850	108.5824894	3.406111416	2.12E-10	31.87872507
LINC00882	NR_028303	159.0176143	2.48497188	9.12E-16	63.99171581
CWC22	NM_020943	108.4220179	3.214838439	1.32E-10	33.72549507
ANKS1A	NM_015245	128.1186893	6.339361915	5.07E-11	20.21002918
CASC10	NM_001010911	130.3451108	23.23964343	1.40E-06	5.608739704
ZNF525	NR_003699	68.86820368	3.332326695	6.32E-06	20.66670227
RANBP10	NM_020850	191.8220179	9.733721722	2.39E-15	19.7069552
TMEM59	NM_004872	94.44178218	5.823845385	1.42E-07	16.21639586
RPL30	NM_000989	209.7736822	14.86598263	2.33E-16	14.11098663
MRPS24	NM_032014	140.1934465	10.66481637	1.05E-10	13.14541588
OXLD1	NM_001039842	189.9165394	38.15134597	1.28E-07	4.977977436
EPCAM	NM_002354	117.3978501	9.303175676	5.17E-09	12.61911568
PAPLN	NM_173462	55.76047148	10.66083945	0.002682241	5.230401579
ATG2B	NM_018036	95.47475719	1.988176754	3.60E-09	48.0212622
CCND1	NM_053056	262.2747572	26.10002482	8.59E-18	10.04883171
EIF4EBP2	NM_004096	198.7319	9.360134118	2.56E-17	21.23173638
TPTE2P1	NR_026730	55.76047148	3.786186611	2.97E-05	14.72734368

IFT46	NM_001168618	67.67475719	7.258920118	6.10E-05	9.322978638
LINC00466	NR_038252	102.5451108	3.004898486	1.13E-09	34.12598172
C7orf43	NM_018275	175.7758322	31.24957381	5.15E-09	5.624903342
LIPT2	NM_001144869	277.1274965	29.29057123	9.90E-17	9.461320994
LAMP3	NM_014398	59.73190005	4.400680949	9.68E-05	13.5733312
LINC00637	NR_038436	132.0901179	15.86162014	1.62E-08	8.327656111
NAA15	NM_057175	77.68356436	4.591718542	3.01E-06	16.91818948
LOC642852	NR_026943	162.9890429	20.02848469	2.95E-10	8.137861923
FAM58A	NM_001130997	72.5186893	4.959799213	2.17E-06	14.62129537
CDK7	NM_001799	111.520943	5.411211456	7.79E-10	20.60923767
CATSPER2P1	NR_002318	211.6791608	9.464709128	1.19E-18	22.36509943
MCM6	NM_005915	140.1934465	9.048522825	7.56E-11	15.49351747
C9orf85	NM_182505	108.4220179	2.930197388	1.16E-10	37.00160895
ALKBH4	NM_017621	74.7451108	7.958452741	3.16E-05	9.39191489
MYCBP	NM_012333	103.5780858	6.027318118	4.61E-09	17.1847717
STARD9	NM_020759	109.2945215	5.938471631	3.68E-09	18.40448658
ZFAND3	NM_021943	59.73190005	4.680307618	0.000142833	12.76238763
DCAF12	NM_015397	93.56927864	9.658610865	1.76E-06	9.68765384
NUS1	NM_138459	66.64178218	4.211243773	2.43E-05	15.82472679
ARL1	NM_001177	150.3627251	4.630904383	7.66E-15	32.46940829
LINC00657	NR_027451	413.1890429	11.08446803	1.51E-42	37.2763981
SREK1IP1	NM_173829	157.9846393	2.524416778	1.61E-16	62.58262927
JMJD7	NM_001114632	158.1451108	16.17386484	4.13E-11	9.777818247
LINC00379	NR_047004	37.80880717	0.857245216	0.000327937	44.10500804
KCNK6	NM_004823	160.0505893	7.198786715	2.93E-14	22.23299504
IMPA2	NM_014214	193.7274965	8.881084795	5.25E-16	21.81349474
KRI1	NM_023008	161.0835644	20.24313885	2.96E-10	7.957440078
PLEKHM3	NM_001080475	228.4373786	4.59684242	8.35E-21	49.69441146
WDR3	NM_006784	117.3978501	2.383483966	1.54E-12	49.25472618
SLC31A2	NM_001860	91.50332862	15.26339293	2.71E-05	5.994953354
TMED7-TICAM2	NM_001164468	100.4791608	6.507877072	9.42E-08	15.43962181
THUMP3-AS1	NR_027007	273.1560679	27.46148724	2.31E-18	9.946878167
ZNF674-AS1	NR_015378	71.64618576	10.59306009	0.000192153	6.763502252
C1orf220	NR_033186	33.8373786	1.297896233	0.000913477	26.07094292
TMEM104	NM_017728	156.2396323	14.4931679	2.52E-11	10.78022647
TPST1	NM_003596	298.1780858	3.132399876	9.10E-30	95.19157757
TMEM55A	NM_018710	159.0176143	3.781684958	2.92E-15	42.04940816
RNF114	NM_018683	223.432975	11.36724821	4.06E-19	19.65585433
MIS18BP1	NM_018353	103.4176143	4.039872486	5.18E-09	25.59922737
FAM118A	NM_001104595	121.3692786	15.13827463	1.61E-07	8.017378575
ANKRA2	NM_023039	123.2747572	7.038844079	4.01E-10	17.51349452
LINC00884	NR_033929	71.64618576	9.008742142	0.000217356	7.952962204
BTC	NM_001729	83.56047148	3.942035374	5.51E-07	21.19729113
GABRQ	NM_018558	65.60880717	6.362652581	8.22E-05	10.31154952
CCDC157	NM_001017437	184.9121358	20.70468326	2.81E-12	8.930932844
ELL	NM_006532	141.2264215	10.39547775	1.63E-10	13.58537095
ALDH9A1	NM_000696	214.6176143	4.547769884	1.72E-21	47.19183684
ATF6	NM_007348	101.5121358	3.449565164	1.34E-09	29.4275165
ZFX4	NM_024721	46.9451108	4.126561418	0.000554205	11.37632669
MED16	NM_005481	93.40880717	14.28388274	6.53E-06	6.539454915
ATXN1L	NM_001137675	60.92534654	8.587394784	0.000981658	7.094741545
DEGS1	NM_003676	205.6417822	6.19888044	4.76E-20	33.17401975
GTF2H2	NM_001515	199.7648751	4.98116112	6.84E-20	40.1040782
CCDC171	NM_173550	106.5165394	1.384890151	6.47E-10	76.9133489
FNBP1	NM_015033	165.9274965	4.845602453	9.22E-15	34.24290335
ENTPD1-AS1	NR_038444	70.61321075	4.344153024	1.30E-05	16.25477057
GABRE	NM_004961	91.34285714	4.943542075	3.56E-08	18.4772084
POLR2J3	NM_001097615	131.2176143	6.961845415	5.50E-11	18.84810801
EMC8	NM_006067	101.6726073	18.88700504	1.34E-05	5.383204328
GCSH	NR_033249	57.8264215	10.13577653	0.002105108	5.705179206
FSCN1	NM_003088	406.4396323	20.50240882	6.34E-33	19.82399414
FLOT2	NM_004475	108.4220179	14.68536513	1.07E-06	7.382997766

CCDC97	NM_052848	318.9077322	24.73678596	2.97E-23	12.89204397
HNRNPUL1	NM_144732	72.5186893	12.61561809	0.000592137	5.748326301
PDCD7	NM_005707	195.7934465	10.63676515	1.39E-16	18.40723601
LOC646626	NR_045484	171.9648751	35.40293799	5.25E-07	4.8573617
TMEM198	NM_001005209	77.68356436	13.62235795	0.000237325	5.702651821
KLHL7-AS1	NR_046220	185.9451108	17.33359973	6.89E-13	10.72743767
UBFD1	NM_019116	72.67916077	11.38514221	0.000138868	6.38368493
FAM122A	NM_138333	160.9230929	4.61403405	1.76E-16	34.87687589
PDS5A	NM_001100399	41.78023574	5.677014928	0.004459225	7.359543047
PCIF1	NM_022104	261.2417822	22.32070176	2.00E-18	11.70401294
PDP2	NM_020786	143.1319	9.846256242	1.85E-11	14.53668242
CIT	NM_007174	109.4549929	6.378388759	4.06E-09	17.16028876
IMPDH2	NM_000884	282.2923715	69.01984449	6.12E-11	4.090017496
KIAA0922	NM_015196	200.6373786	5.790899765	5.25E-18	34.64701285
EMC10	NM_206538	217.8770108	10.0892742	1.64E-19	21.59491422
MSH3	NM_002439	208.7407072	4.235806258	7.38E-19	49.28004127
A4GALT	NM_017436	57.66595002	9.153984196	0.000803431	6.299546601
DAK	NM_015533	260.2088072	25.55272891	2.49E-17	10.1832101
TMEM189-UBE2V1	NM_199203	114.298925	14.45028373	1.76E-07	7.909804896
NUP205	NM_015135	116.3648751	3.870668816	3.17E-10	30.06324762
SLC25A53	NM_001012755	100.3186893	3.554111066	1.13E-09	28.22609858
LMBRD2	NM_001007527	97.70117869	2.596846112	1.21E-09	37.62301441
COMMD2	NM_016094	121.3692786	4.84496526	5.15E-11	25.05059833
C3orf67	NM_198463	243.4505893	2.294889602	1.12E-23	106.0837912
ALKBH8	NM_001301010	61.79785007	2.389426366	7.59E-06	25.86304854
CASC3	NM_007359	65.60880717	7.88297719	0.000138943	8.322846253
ZFYVE20	NM_022340	107.3890429	8.507446359	1.12E-08	12.62294681
PRR14L	NM_173566	234.4747572	8.471486115	1.18E-20	27.67811385
VAC14	NM_018052	92.53630363	9.411417555	9.59E-07	9.832344924
KLF2	NM_016270	164.8945215	24.41343544	4.36E-09	6.754253078
ATP6V1G1	NM_004888	159.0176143	9.595082819	2.46E-13	16.57282353
HILPDA	NM_001098786	210.8066572	13.29482852	1.13E-16	15.85629005
LOC728613	NR_003713	141.06595	8.191378514	1.01E-11	17.22127109
SULT1C2	NM_001056	51.7890429	6.003962253	0.000553156	8.625810876
EIF4B	NM_001300821	86.65939651	13.69916017	3.96E-05	6.325891183
HTATSF1	NM_014500	61.6373786	2.606251914	1.76E-06	23.64981615
LOC100131655	NR_040024	159.8901179	9.590826625	5.32E-13	16.67115089
DIO3	NM_001362	64.57583215	14.31132503	0.004156636	4.512218962
ZDHHC6	NM_022494	324.9451108	8.856812935	6.91E-32	36.68871785
SLC35E2B	NM_001290264	181.9736822	12.53636186	3.71E-14	14.51566924
ZNF593	NM_015871	113.26595	23.23625188	0.000290639	4.874536161
UBE2Q2	NM_001145335	103.5780858	3.459782019	5.34E-10	29.93774904
DIEXF	NM_014388	87.53190005	5.019197517	1.12E-07	17.43942129
LINC00568	NR_051960	131.2176143	20.06001588	4.55E-07	6.541251769
ZPR1	NM_003904	125.1802357	11.32442464	1.37E-09	11.05400404
ARHGAP5-AS1	NR_027263	139.1604715	24.71040951	2.86E-06	5.631653794
FAM21EP	NR_038275	48.85058935	5.027633968	0.001221343	9.716417237
SAP30L-AS1	NR_037897	167.9934465	8.977515633	2.85E-14	18.71268771
CHRNA5	NM_000745	100.4791608	4.35804552	5.64E-09	23.05601452
KPNA6	NM_012316	104.2901179	6.383213819	5.10E-09	16.33818337
LOC100131347	NR_036551	212.7121358	8.467919157	1.05E-18	25.11976459
ZNF487	NR_026693	73.55166431	7.643168461	2.60E-05	9.623190263
CPNE3	NM_003909	201.6703536	8.310176124	6.75E-18	24.2678796
TRIM62	NM_018207	60.60440358	12.37917859	0.001616781	4.89567245
LOC285074	NR_026846	45.91213579	4.711582548	0.002176112	9.744525395
HOOK1	NM_015888	46.78463932	0.376263286	1.11E-05	124.3401656
SLC30A4	NM_013309	51.94951438	2.65139693	9.75E-05	19.59326187
FANCG	NM_004629	185.9451108	23.42715917	1.12E-11	7.937160006
OIP5-AS1	NR_026757	249.3274965	12.62021647	4.48E-21	19.75619808
TMX4	NM_021156	185.7846393	4.667763996	4.33E-18	39.8016351
BRIP1	NM_032043	249.6484394	3.13029391	1.89E-24	79.75239598
C9orf41-AS1	NR_121183	48.85058935	5.127150499	0.001213424	9.527824346

ING3	NM_019071	101.3516643	3.619289338	2.97E-09	28.00319478
PIBF1	NM_006346	123.2747572	2.796138712	1.32E-11	44.08749703
ZNF696	NM_030895	296.2726073	18.5248176	6.34E-24	15.99328067
LOC102724301	NR_120587	93.72975012	15.82825916	1.24E-05	5.921671434
URB2	NM_014777	124.3077322	4.198368609	1.05E-11	29.60857985
PGM2L1	NM_173582	180.7802357	2.627887485	1.25E-18	68.79298934
BCL9L	NM_182557	87.37142857	11.65285763	1.31E-05	7.497854289
ORMDL2	NM_014182	183.0066572	25.2978383	1.94E-10	7.234082812
HSDL1	NM_031463	118.2703536	12.00262811	4.65E-08	9.853704748
LINC01278	NR_015353	78.55606789	1.862580944	3.35E-07	42.17592161
ANKRD32	NM_032290	180.0682037	3.091992761	3.15E-18	58.23694218
LRRC57	NM_153260	248.4549929	10.51388379	6.13E-23	23.63113365
PCNT	NM_006031	85.46595002	6.941446735	3.02E-06	12.3124117
DHTKD1	NM_018706	148.1363036	8.359043046	2.42E-12	17.72168211
ZNF91	NM_003430	42.97368223	2.09920855	0.000654201	20.47137347
EIF2B1	NM_001414	156.0791608	20.40358242	5.36E-10	7.649595917
MRPL47	NM_177988	96.5077322	4.339721371	3.65E-09	22.23823235
MTHFR	NM_005957	115.4923715	15.4122458	3.74E-07	7.493545914
CCNE2	NM_057749	267.6001037	15.3146712	4.94E-22	17.47344754
SNHG22	NR_117096	203.5758322	7.234624394	2.46E-18	28.13910178
SLC5A6	NR_028323	179.9077322	17.47873174	2.61E-12	10.29295116
PNPT1	NM_033109	101.5121358	3.126955323	5.01E-10	32.46357089
B3GNT5	NM_032047	47.81761433	5.258529234	0.00095496	9.093343824
TVP23B	NM_016078	188.7230929	8.496897606	3.46E-16	22.21082348
FAM83G	NM_001039999	69.58023574	12.01190013	0.00031454	5.792608577
TMEM159	NM_020422	155.9186893	8.515217143	4.85E-13	18.31059463
LINC00271	NR_026805	158.1451108	2.283247811	2.93E-15	69.26322671
SLC27A1	NM_198580	79.5890429	15.42572149	0.000347252	5.159502131
NXT1	NM_013248	67.83522867	14.03195621	0.00213375	4.834338681
AKAP8	NM_005858	207.5472607	12.26550241	6.75E-17	16.92121968
NEAT1	NR_028272	338.7648751	72.75641277	4.31E-14	4.656151426
FAF1	NM_007051	166.9604715	4.067257269	1.30E-15	41.04989196
GALNT4	NM_003774	96.5077322	4.794091937	6.82E-09	20.13055517
XXYLT1	NM_152531	146.2308251	8.13079158	1.03E-11	17.98482025
MYCBP2	NM_015057	172.8373786	2.425788461	1.74E-16	71.24997969
PDCD5	NM_004708	160.0505893	14.1439982	1.38E-11	11.31579537
CATSPERD	NM_152784	43.84618576	5.651215049	0.004159825	7.758718325
RSRP1	NM_020317	293.0132108	28.86943507	8.08E-20	10.14959974
KIF5B	NM_004521	363.6264215	4.606563591	4.35E-37	78.93659
SOD1	NM_000454	233.4417822	14.08990139	6.03E-19	16.56802101
ETV5	NM_004454	197.698925	8.21649431	4.36E-17	24.06122582
HNRNPA3	NM_194247	87.69237152	15.11716698	4.20E-05	5.800846919
ZFP91	NM_053023	41.78023574	4.03833955	0.003758256	10.3458947
SLC17A5	NM_012434	61.79785007	4.150230302	5.87E-05	14.89022189
DTD2	NM_080664	164.0220179	3.171295041	6.05E-18	51.72083196
RPL23A	NM_000984	243.4505893	35.18545846	1.55E-13	6.919068275
PRDX4	NM_006406	147.1033286	3.438084732	3.27E-15	42.78641747
KCTD3	NM_016121	58.85939651	2.338193688	1.37E-05	25.17302002
ARF3	NM_001659	206.6747572	12.17902385	6.87E-17	16.96973088
UBAC2-AS1	NR_036532	248.4549929	21.3986404	1.28E-17	11.61078406
SLC8B1	NM_024959	325.9780858	11.94704899	2.35E-28	27.2852389
SLC35G1	NM_153226	266.2461858	7.759071227	1.01E-26	34.31418245
TCTN2	NM_024809	57.8264215	6.531322979	0.000201044	8.853707233
FABP5P3	NR_002935	78.55606789	2.843673801	2.83E-08	27.624852
MED29	NM_017592	252.26595	18.28630179	1.87E-19	13.79535091
XKR8	NM_018053	205.8022537	16.5181882	4.43E-15	12.45912997
LOC100134868	NR_004846	120.3363036	7.596173085	7.40E-10	15.84170112
DDA1	NM_024050	102.3846393	16.67279564	9.63E-06	6.140820143
PPP1R15A	NM_014330	251.553918	25.59146223	8.47E-17	9.829603157
SNW1	NM_012245	87.69237152	10.57291602	6.13E-06	8.294057321
DNAJC24	NM_181706	197.8593965	4.003161801	7.68E-19	49.4257805
JPH1	NM_020647	99.60665724	7.242881359	1.36E-07	13.75235245

C5orf42	NM_023073	211.6791608	2.517038364	4.26E-21	84.09850394
ZNF202	NM_003455	156.9516643	10.05087819	2.47E-12	15.6157165
NHLRC2	NM_198514	117.3978501	4.955755033	2.59E-10	23.68919555
USP53	NM_019050	229.4703536	2.925140438	1.40E-23	78.44763642
SRRD	NM_001013694	82.52749646	11.53572307	2.37E-05	7.154080932
KPNA5	NM_002269	151.0747572	2.404271649	1.15E-15	62.83597666
LRRC59	NM_018509	221.6879679	21.55230096	2.88E-15	10.28604641
ANKRD39	NM_016466	213.7451108	12.6305309	1.50E-17	16.92289203
MANF	NM_006010	189.9165394	26.93048872	7.81E-11	7.05210148
SPICE1	NM_144718	167.120943	2.639939797	6.28E-17	63.3048311
TMEM62	NM_024956	147.1033286	5.535432968	2.90E-13	26.57485502
TMLHE	NM_001184797	101.3516643	1.633877443	1.09E-09	62.03137496
F3	NM_001993	115.1714286	11.40379902	3.76E-08	10.0993913
CAND1	NM_018448	99.44618576	6.274019234	1.40E-08	15.85047512
TSPAN12	NM_012338	118.5912966	3.039078411	8.69E-12	39.02212464
GALNT7	NM_017423	75.45714286	3.127975424	8.58E-07	24.12331704
ADCK5	NM_174922	380.5451108	18.85987776	1.08E-30	20.17749615
ZNF597	NM_152457	109.4549929	6.096086219	1.81E-09	17.95496143
SCOC-AS1	NR_033939	133.2835644	5.705700015	8.59E-12	23.35972169
TAF5	NM_006951	152.1077322	15.39531188	1.51E-10	9.880133214
HSP90B1	NM_003299	174.0308251	9.156794681	4.44E-15	19.00564894
SPPL2B	NM_001077238	153.1407072	8.807787776	1.60E-12	17.38696607
LINC00839	NR_026827	103.4176143	4.626747971	1.44E-09	22.35211751
GTF3C4	NM_012204	93.40880717	8.496504455	9.62E-07	10.99379253
ATP6V0D2	NM_152565	46.78463932	6.322022167	0.002345142	7.400264992
SHPK	NM_013276	164.0220179	8.079311829	2.57E-14	20.30148376
NABP2	NM_024068	116.3648751	8.763479092	1.12E-09	13.27838794
ASNA1	NM_004317	113.4264215	9.753365594	2.12E-08	11.62946476
LOC101927592	NR_104646	53.69452145	3.051732357	7.89E-05	17.59476755
HAT1	NR_027862	105.4835644	5.663636206	4.78E-09	18.62470691
SNIP1	NM_024700	78.71653937	10.21503953	2.45E-05	7.705945641
PIGB	NM_004855	142.2593965	6.109066514	3.22E-12	23.28660135
DNTTIP2	NM_014597	138.2879679	2.590975652	2.71E-15	53.37293226
MTG2	NM_015666	95.47475719	9.452477983	1.07E-06	10.10050035
SP4	NM_003112	51.62857143	3.408058678	0.00013926	15.14896787
ACSL4	NM_004458	46.78463932	2.309875586	0.00047002	20.25418148
RNF10	NM_014868	96.5077322	10.23473516	1.03E-06	9.429431315
MRPS10	NM_018141	98.41321075	6.999073254	3.05E-08	14.06089166
SCAF11	NM_004719	169.0264215	4.141499396	1.26E-15	40.81285673
CCDC23	NM_199342	59.57142857	11.6739954	0.003070163	5.102916914
UBQLN2	NM_013444	129.1516643	7.555111912	6.57E-11	17.09460638
SART3	NM_014706	62.83082508	7.986903445	0.000266504	7.866731521
LOC101927572	NM_001290056	104.6110608	10.47720796	1.42E-07	9.984631516
UCP2	NM_003355	175.9363036	12.67882167	7.65E-14	13.87639231
CCDC147-AS1	NR_108036	98.41321075	18.38092396	0.00012194	5.354094874
NCL	NM_005381	314.9363036	20.06771232	2.42E-24	15.6936824
PDZD7	NM_001195263	116.5253465	16.42405823	2.44E-07	7.094796237
ZNF252P-AS1	NR_026974	233.6022537	40.15389658	1.03E-11	5.81767334
GLYR1	NM_032569	189.9165394	12.53175823	1.80E-14	15.15481993
NUDCD3	NM_015332	147.2638001	8.088695851	4.17E-12	18.20612405
SOCS2-AS1	NR_038263	113.4264215	26.97837711	3.83E-05	4.204345615
C15orf38-AP3S2	NM_001199058	65.76927864	9.964871513	0.000602732	6.600113063
TMEM63A	NM_014698	187.8505893	13.49211279	1.57E-14	13.92299281
RARS	NM_002887	341.7033286	7.406423993	5.88E-33	46.13607443
LOC154761	NR_015421	102.3846393	5.528390816	3.03E-09	18.51979043
HIAT1	NM_033055	154.0132108	6.542229357	3.51E-13	23.54139581
CREBL2	NM_001310	108.4220179	5.303534882	1.09E-09	20.44334964
ESAM	NM_138961	194.7604715	16.12148098	2.42E-14	12.08080521
SDF4	NM_016176	157.9846393	9.975652098	1.64E-12	15.83702376
SDHAP3	NR_003263	73.55166431	6.468474833	1.67E-05	11.37078928
POLK	NM_016218	65.76927864	2.677265443	4.84E-06	24.56584155
RAD18	NM_020165	115.3319	3.309045417	5.06E-11	34.85352587

FAM129A	NM_052966	39.00225365	3.320238051	0.001880868	11.74682449
PLD2	NM_002663	133.1230929	9.144096021	7.17E-11	14.55836559
PDCD11	NM_014976	204.7692786	13.71352169	5.73E-16	14.93192509
KDELC1	NM_024089	138.2879679	6.24412272	1.32E-12	22.14690104
DESII	NM_015704	252.26595	12.8823239	1.55E-20	19.5823325
MGAT2	NM_002408	220.6549929	9.241333553	1.50E-19	23.87696447
GREB1L	NM_001142966	97.54070721	4.546541792	5.01E-08	21.45382396
ASF1B	NM_018154	269.3451108	20.365652	1.09E-19	13.22545975
FAM66C	NR_026788	77.68356436	4.822776739	1.16E-06	16.10764266
POLR2B	NM_000938	139.1604715	5.80612479	1.26E-12	23.9678747
IARS2	NM_018060	175.9363036	4.681320851	1.07E-16	37.58262021
CDCA8	NM_001256875	109.4549929	13.85767002	9.68E-07	7.898513442
C10orf10	NM_007021	166.0879679	14.54250544	9.65E-12	11.42086339
LRRC41	NM_006369	118.2703536	23.55423347	9.36E-06	5.021193059
SLC2A1-AS1	NR_033967	69.74070721	10.8847	0.000280769	6.407223643
PRSS22	NM_022119	82.52749646	10.59651717	1.16E-05	7.788171827
CIRH1A	NM_032830	129.1516643	7.296742849	1.22E-10	17.69990624
MYO9A	NM_006901	142.098925	2.607233342	1.40E-13	54.5018057
DHX38	NM_014003	60.76487506	10.89477369	0.001371497	5.577433438
BOK-AS1	NR_033346	73.55166431	11.02391683	7.02E-05	6.672008272
LOC100505549	NM_001242804	79.5890429	5.212972583	1.12E-06	15.26749693
SAT2	NM_133491	163.8615464	27.90504768	7.10E-08	5.872111323
FANCM	NM_020937	155.0461858	3.501041878	2.29E-14	44.28572727
NUP88	NM_002532	190.9495144	8.563004716	3.99E-16	22.29935878
MTFMT	NM_139242	253.298925	8.756907631	5.38E-23	28.92561344
FAM64A	NM_019013	89.4373786	13.70930537	2.20E-05	6.523844656
ARFGEF2	NM_006420	50.75606789	7.377910975	0.002827576	6.879463314
RAD21L1	NM_001136566	182.6857143	2.88511288	2.29E-19	63.3201271
SUCLG2-AS1	NR_109992	119.3033286	1.315370435	1.74E-11	90.69941474
WBP4	NM_007187	214.6176143	4.899280313	2.06E-21	43.80594712
FBXW9	NM_032301	61.6373786	13.41686924	0.001644933	4.594020966
NDUFB7	NM_004146	120.3363036	22.20190851	4.07E-06	5.42008826
GPSM2	NM_013296	130.1846393	5.690043606	9.63E-12	22.87937463
CPQ	NM_016134	62.83082508	1.790854475	1.27E-05	35.08427176
ITGB8	NM_002214	48.69011787	2.681110702	0.000250998	18.160428
ZNF517	NM_213605	177.8417822	13.62102524	2.63E-13	13.05641676
FTSJ2	NM_013393	126.2132108	16.8675998	1.37E-07	7.482582717
CWF19L2	NM_152434	85.46595002	1.815119612	4.19E-08	47.08557467
RAB33B	NM_031296	150.0417822	8.075751715	1.72E-12	18.57929608
RHOF	NM_019034	122.5627251	23.95374429	2.63E-06	5.116641625
CDK4	NM_000075	90.47035361	16.40536714	8.11E-05	5.514680215
MIOS	NM_019005	93.56927864	1.672968857	7.76E-10	55.93007798
FAM126A	NM_032581	265.2132108	2.400097912	1.30E-28	110.5009964
SCO1	NM_004589	174.9033286	4.827434208	3.14E-17	36.23111597
KIAA0195	NM_014738	81.65499293	12.75638816	7.07E-05	6.401106009
LIX1L	NM_153713	55.76047148	9.093745833	0.000770392	6.131738505
ARHGAP31	NM_020754	56.79344649	7.718615125	0.000959532	7.357983986
ARID5A	NM_212481	136.0615464	8.713977037	2.98E-11	15.61417317
ZNF852	NM_001287349	58.69892504	7.072693761	0.000259683	8.299373198
FAM219B	NM_020447	123.4352287	28.07054806	1.05E-05	4.397321649
LGALS1	NM_014181	62.67035361	11.21806607	0.001395026	5.586555935
NFKBIA	NM_020529	132.0901179	19.65252256	1.77E-07	6.721280563
LTN1	NM_015565	170.9319	1.750080026	2.03E-18	97.67090504
UBA6-AS1	NR_015439	62.67035361	7.718506263	0.000212989	8.119492486
RNF220	NM_018150	90.47035361	7.931321998	1.04E-06	11.40671803
C7orf26	NM_024067	83.72094295	10.17156331	1.27E-05	8.230882551
PIGL	NM_004278	194.920943	6.078238068	1.20E-17	32.06865884
SLC7A6OS	NM_032178	209.7736822	11.52571598	7.96E-18	18.20049034
LOC100996654	NR_110040	155.0461858	4.884196987	2.18E-14	31.74445793
DDX1	NM_004939	182.8461858	6.377570809	2.66E-16	28.67019297
TAF1D	NM_024116	194.7604715	20.31586777	5.70E-13	9.586618387
ASAH2B	NM_001079516	235.6682037	2.922001439	2.56E-27	80.65300741

B3GNTL1	NM_001009905	204.7692786	6.734341678	1.07E-17	30.40672547
RNF11	NM_014372	87.53190005	6.414411149	9.95E-07	13.64613181
FASTKD1	NR_104020	81.49452145	3.393610079	5.63E-08	24.01410874
VPS37B	NM_024667	176.9692786	10.43192022	1.44E-14	16.96420935
F5	NM_000130	57.66595002	2.885845203	3.45E-05	19.98234346
ALKBH1	NM_006020	153.1407072	6.726634674	2.34E-13	22.76631847
KDM4D	NM_018039	58.69892504	2.970621879	9.20E-06	19.75981038
KIAA1468	NM_020854	224.6264215	2.654041002	8.54E-23	84.63562596
LOC100505812	NR_040599	179.0352287	3.260065412	2.29E-19	54.91767988
KIAA0368	NM_001080398	70.61321075	3.366134004	1.58E-06	20.97754001
ZNF346	NM_012279	169.0264215	8.20543687	1.74E-14	20.59932021
ARHGEF26-AS1	NR_037901	135.1890429	3.535422627	5.00E-13	38.23843912
BRCA2	NM_000059	225.498925	4.162447546	1.94E-21	54.17459861
CLIC4	NM_013943	115.4923715	3.512348809	6.14E-11	32.88180582
PRKAR2A	NM_004157	198.8923715	5.429167625	2.27E-18	36.63404508
CFAP58	NM_001008723	40.19570014	2.205561468	0.001695543	18.22470184
RGS2	NM_002923	254.4923715	15.31160148	1.16E-20	16.62088527
CWF19L1	NM_018294	132.2505893	11.33415291	6.16E-10	11.66832584
WDR45B	NM_019613	131.2176143	12.89908692	3.34E-09	10.17262812
EHD2	NM_014601	162.9890429	13.24186361	3.29E-12	12.30861816
STX11	NM_003764	63.70332862	3.093732841	6.82E-06	20.59108912
CCDC137	NM_199287	285.3912966	27.99300954	2.66E-19	10.1950916
TRIM25	NM_005082	290.0747572	14.79626251	3.59E-24	19.60459656
TBL3	NM_006453	70.61321075	17.48181977	0.002235799	4.039236858
MZT2B	NM_025029	149.0088072	15.20218958	2.08E-10	9.801799035
TBL2	NM_012453	202.7033286	15.07454913	2.88E-15	13.4467258
KLHL20	NM_014458	171.0923715	4.522566019	7.68E-16	37.83081791
VASN	NM_138440	154.1736822	19.80123632	8.00E-10	7.786063443
KIAA1919	NM_153369	189.7560679	8.040396054	2.46E-17	23.60033842
PPID	NM_005038	156.0791608	6.369837492	4.28E-14	24.50284814
PKP3	NM_007183	102.5451108	8.905146082	5.83E-08	11.5152643
WWTR1	NM_015472	107.5495144	5.326415521	3.51E-09	20.19172443
RPRD1A	NM_018170	118.5912966	6.423527863	2.17E-10	18.46201948
HEATR1	NM_018072	71.64618576	5.595414826	9.63E-06	12.80444578
FAM216A	NM_013300	69.74070721	9.4826303	0.000257222	7.354574101
SLC35F2	NM_017515	97.38023574	6.227586428	3.50E-08	15.63691438
AK1	NM_000476	85.46595002	15.97460314	7.69E-05	5.350114132
RAB20	NM_017817	170.9319	7.853676077	6.42E-15	21.76457221
RBM22	NM_018047	125.1802357	10.18725922	1.31E-09	12.28792093
NR4A2	NM_006186	199.9253465	13.06022292	2.65E-16	15.3079582
CLGN	NM_004362	144.3253465	1.792946788	3.53E-16	80.4961684
ESPL1	NM_012291	100.6396323	11.25871127	4.36E-07	8.938823445
UFC1	NM_016406	113.26595	22.91997797	1.03E-05	4.941800126
PER2	NM_022817	52.66154644	6.700456695	0.000705496	7.859396581
DOCK5	NM_024940	95.47475719	5.360212675	9.27E-08	17.81174796
KLHDC8B	NM_173546	52.82201792	8.013506893	0.003034911	6.591623196
AICDA	NM_020661	33.8373786	2.859151898	0.003155268	11.83476073
PEX6	NM_000287	120.3363036	18.24228671	3.73E-07	6.596558071
ZNF614	NM_025040	114.298925	1.905511081	1.10E-12	59.98334314
RNF223	NM_001205252	124.3077322	12.76429571	2.08E-08	9.738706701
MALT1	NM_173844	96.34726073	4.503146258	3.15E-08	21.3955433
FAM162A	NM_014367	205.8022537	5.818824394	1.25E-19	35.36835617
SUDS3	NM_022491	54.72749646	5.535779274	0.00036355	9.886141364
TUSC2	NM_007275	155.2066572	20.63416893	3.29E-09	7.5218274
CDC73	NM_024529	205.8022537	5.544531326	1.03E-18	37.1180613
ERO1LB	NM_019891	151.2352287	2.847311346	2.46E-15	53.11510062
COG2	NM_007357	127.2461858	5.409013124	1.69E-11	23.52484323
CCDC57	NM_198082	169.0264215	14.73758413	3.11E-12	11.46907254
BIK	NM_001197	174.7428571	17.49146236	4.97E-12	9.990179983
DDRGK1	NM_023935	262.4352287	15.70195752	1.09E-20	16.71353577
CHD9	NM_025134	89.4373786	3.770623359	3.93E-08	23.71952064
ZNF197-AS1	NR_046658	61.6373786	6.596276347	8.31E-05	9.344268699

GIN54	NM_032336	266.2461858	13.91618394	7.82E-22	19.13212609
OSGIN1	NM_182981	313.1912966	19.09842017	4.36E-25	16.39880649
STAG3L2	NR_040584	214.6176143	9.442216125	1.63E-19	22.7295808
SELT	NM_016275	229.6308251	6.379929921	6.20E-22	35.99268769
CC2D1A	NM_017721	73.55166431	7.460034837	1.95E-05	9.859426386
SRFBP1	NM_152546	89.4373786	1.624497574	8.81E-09	55.05540914
RWDD4	NM_152682	70.61321075	2.261814348	1.99E-07	31.21972005
PTPN9	NM_002833	78.71653937	5.479557278	1.81E-06	14.36549257
MRPS9	NM_182640	113.26595	2.874263236	2.69E-11	39.40695084
CDKL2	NM_003948	64.57583215	2.834121077	3.84E-06	22.78513529
NUCB2	NM_005013	37.09677511	2.36077761	0.002889673	15.71379488
GRB2	NM_002086	266.4066572	12.62503619	2.59E-21	21.10145692
AP3S1	NM_001284	154.1736822	3.153087797	1.82E-15	48.89609556
TOR4A	NM_017723	122.4022537	13.15297063	1.11E-08	9.306053904
FBXL14	NM_152441	47.81761433	7.660850949	0.004163617	6.241814996
WBSR27	NM_152559	304.9274965	11.54554793	6.46E-28	26.41082939
ZCCHC8	NM_017612	152.1077322	7.993447419	4.51E-13	19.0290527
RTN4RL2	NM_178570	48.69011787	8.219177918	0.003736703	5.923964459
POFUT1	NM_172236	183.8791608	9.619059152	3.78E-16	19.11612746
KPNA2	NM_002266	242.7385573	27.03933834	1.70E-15	8.977237322
ANO5	NM_001142649	38.84178218	1.028931372	0.000175109	37.74963348
LOC646719	NR_046262	227.5648751	12.05904856	9.28E-20	18.87088138
TMEM184C	NM_018241	252.4264215	5.131608642	1.52E-26	49.19050519
NDUFA6	NM_002490	87.53190005	20.64562233	0.000524995	4.239731728
LOC101928002	NR_110072	89.4373786	3.203910024	4.63E-08	27.91507187
BAIAP2L1	NM_018842	67.67475719	8.545023271	0.000101898	7.919786178
CHURC1-FNTB	NM_001202559	121.3692786	9.583851852	2.42E-09	12.66393518
TUBB6	NM_032525	95.47475719	13.98720932	5.38E-06	6.825861757
RBM42	NM_024321	92.53630363	14.55930245	1.76E-05	6.35581986
NOP56	NR_027700	251.3934465	45.90336995	2.36E-12	5.476579318
RUVBL1	NM_003707	131.2176143	8.76277154	9.51E-11	14.97444202
BNIP3	NM_004052	94.44178218	9.948777485	7.98E-07	9.492802741
PROSER1	NM_025138	100.4791608	5.182597491	6.78E-09	19.38779945
SUGT1P1	NR_003667	71.64618576	1.354356577	2.83E-08	52.90053372
MSH2	NM_001258281	129.3121358	4.979402537	2.54E-11	25.96940794
HADHA	NM_000182	146.2308251	7.358693232	3.97E-12	19.87184687
ENO2	NM_001975	80.46154644	9.636011785	1.17E-05	8.350088007
TOPBP1	NM_007027	76.65058935	3.451979733	3.02E-07	22.20482021
TFAP2C	NM_003222	221.5274965	10.90054176	1.06E-19	20.32261344
EAF2	NM_018456	156.9516643	2.213050371	1.04E-16	70.92096336
CPOX	NM_000097	181.9736822	12.68422518	3.01E-14	14.34645629
C16orf58	NM_022744	123.2747572	10.9480853	9.43E-09	11.25993759
CRTC2	NM_181715	124.1472607	15.27571842	1.10E-07	8.127098008
XPO4	NM_022459	90.47035361	3.328469089	1.52E-08	27.18077026
LINC01425	NR_109958	25.89452145	0.313205271	0.003282503	82.67588028
C1QBP	NM_001212	114.4593965	15.01448025	2.60E-07	7.623267312
SPTLC2	NM_004863	109.2945215	3.997114729	2.70E-09	27.34335361
DHRS11	NM_024308	98.41321075	16.87284576	2.06E-05	5.832638559
NIPAL2	NM_024759	47.10558227	5.903038633	0.002471669	7.979887174
OSTM1	NM_014028	195.7934465	5.985927133	3.73E-18	32.70895922
SMG1P3	NR_027155	272.2835644	3.276957301	7.29E-28	83.09036077
MED19	NM_153450	152.2682037	16.00042776	4.56E-10	9.516508305
USPL1	NM_005800	116.5253465	6.640448596	1.80E-09	17.54781245
CCDC174	NM_016474	145.0373786	7.862956009	5.61E-12	18.44565561
XRCC2	NM_005431	113.26595	8.435345037	3.08E-09	13.42754203
PRDX2	NM_005809	221.5274965	26.67018403	7.12E-14	8.306185521
ABCA1	NM_005502	54.72749646	5.703556434	0.000444939	9.5953283
ADM	NM_001124	288.0088072	40.37591942	2.00E-15	7.133182632
TPA	NM_000370	66.64178218	4.145063856	1.98E-05	16.07738373
FRY	NM_023037	47.97808581	3.492442205	0.000300774	13.73768927
TPCN2	NM_139075	106.3560679	7.069023764	2.53E-08	15.04536856
COTL1	NM_021149	73.71213579	17.87747125	0.001014672	4.123185811

TMEM43	NM_024334	130.1846393	17.59410791	4.25E-08	7.399331639
ZZEF1	NM_015113	65.76927864	7.250072555	0.000181475	9.071533856
LOC101929431	NR_120660	134.3165394	6.112400483	1.17E-12	21.97443374
NOMO3	NM_001004067	130.3451108	7.557779419	1.17E-10	17.24648254
TMEM42	NM_144638	159.0176143	13.20821865	3.82E-12	12.039293
EEF1E1-BLOC1S5	NR_037618	146.0703536	5.134572178	5.52E-13	28.44839814
HOXA9	NM_152739	174.0308251	24.40602216	3.73E-10	7.13065095
ZNF75A	NM_153028	127.2461858	12.50250872	1.77E-09	10.17765223
FAM76B	NM_144664	114.298925	3.598423172	4.14E-11	31.76361411
MAF1	NM_032272	142.2593965	15.20201082	1.20E-09	9.357932855
SFT2D1	NM_145169	91.50332862	6.809358983	3.50E-07	13.43787702
HDAC3	NM_003883	91.50332862	8.361349305	1.42E-06	10.94360794
CHST2	NM_004267	65.60880717	4.314992114	6.22E-06	15.20484984
HMGNA4	NM_006353	129.1516643	5.402737778	7.19E-12	23.90485521
PCGF3	NM_006315	107.3890429	11.96205203	1.19E-07	8.977476657
DDX24	NM_020414	228.4373786	10.30933524	7.38E-20	22.15830346
IER3IP1	NM_016097	151.0747572	8.063152846	1.58E-12	18.73643723
SMYD2	NM_020197	116.2044036	6.129242116	3.09E-10	18.95901669
NPHP3	NM_153240	58.69892504	4.920822025	0.000102141	11.9286828
CALR	NM_004343	268.1516643	19.40226772	1.94E-20	13.8206352
PLD6	NM_178836	66.64178218	12.02857338	0.000642119	5.540289783
MET	NM_000245	46.78463932	5.547392775	0.002495399	8.43362661
ZNF396	NM_145756	101.3516643	10.47599569	6.51E-07	9.674656935
RPS3A	NM_001267699	155.0461858	25.42069228	1.98E-08	6.099211779
PRH1-PRR4	NR_037918	177.8417822	3.330049654	6.97E-17	53.40514427
LOC389831	NM_001242480	366.7253465	20.01434161	2.22E-28	18.32312817
MOAP1	NM_022151	257.2703536	12.73578857	6.08E-22	20.20058296
SUGTIP3	NR_003365	98.57368223	0.274668031	9.66E-16	358.882983
DUSP11	NM_003584	185.7846393	5.14122512	2.22E-18	36.13625838
SLC25A33	NM_032315	61.6373786	8.638336615	0.000277706	7.13532956
SCAND2P	NR_003654	147.1033286	17.34980723	3.58E-09	8.478672221
PCSK7	NM_004716	106.3560679	12.81988249	6.27E-07	8.296181184
LSG1	NM_018385	52.82201792	7.204612051	0.002409122	7.331694967
FOSB	NM_001114171	150.0417822	22.32617271	8.52E-09	6.720443496
LAPTM4A	NM_014713	142.098925	7.254059503	1.09E-12	19.5888833
SLC35F6	NM_017877	110.4879679	16.1641348	6.00E-07	6.835377785
TTBK2	NM_173500	115.4923715	3.965815839	9.77E-11	29.12197041
ZNF280C	NM_017666	119.3033286	2.148889429	4.16E-12	55.51859813
AHR	NM_001621	250.3604715	2.617987516	1.14E-26	95.63088822
DKFZP434I0714	NR_033797	137.2549929	15.10163769	4.00E-09	9.088748897
LOC100379224	NR_033341	48.85058935	7.143045509	0.002448557	6.838902158
FBXO46	NM_001080469	124.3077322	10.91079223	5.46E-09	11.39309865
CA8	NM_004056	174.9033286	3.988799074	4.99E-16	43.84861843
OSBPL7	NM_145798	178.0022537	11.21423524	1.44E-14	15.87288387
CTSD	NM_001909	54.72749646	11.22334968	0.00345568	4.876217707
PYURF	NM_032906	281.2593965	18.62316196	3.18E-21	15.10266608
THOC3	NM_032361	216.6835644	7.967242941	2.51E-20	27.19680647
LINC00898	NR_033377	64.57583215	4.881404677	8.62E-06	13.22894462
FAM102A	NM_001035254	74.7451108	14.33476031	0.000351249	5.21425606
OXSR1	NM_005109	181.8132108	6.1038167	1.27E-16	29.78680712
RBM33	NM_053043	58.69892504	5.827697061	0.000135964	10.072405
H3F3B	NM_005324	391.586893	76.34615856	4.78E-17	5.129097526
APPL1	NM_012096	172.9978501	4.283933496	1.06E-16	40.38294484
TYMSOS	NM_001012716	213.5846393	17.17699411	9.32E-16	12.43434316
RPL11	NM_000975	132.2505893	14.93207669	6.80E-09	8.856811555
HES1	NM_005524	105.3230929	24.24073854	0.000103309	4.344879703
MAGEE1	NM_020932	55.6	6.075574646	0.00083753	9.151397726
ARSJ	NM_024590	72.5186893	2.420148637	1.12E-06	29.96456011
POLA1	NM_016937	91.34285714	2.944652324	1.99E-08	31.0199124
GPR157	NM_024980	51.62857143	9.18414959	0.002407026	5.621486336
FAM188B	NM_032222	130.1846393	7.42140329	1.77E-10	17.54178209
DECR1	NM_001359	143.1319	5.471005152	5.48E-13	26.16190189

RNPC3	NM_017619	100.4791608	2.198648757	1.39E-10	45.70041507
RNMTL1	NM_018146	152.9802357	12.9776257	1.17E-11	11.78799876
CCDC122	NM_144974	94.44178218	2.588152523	2.09E-09	36.49003732
TMTC3	NM_181783	129.3121358	2.01290315	2.59E-13	64.24160835
SPDL1	NM_017785	122.2417822	4.765580929	9.35E-12	25.65097183
USP45	NM_001080481	253.298925	4.131526215	1.68E-24	61.30880257
TNFRSF10A	NM_003844	145.1978501	8.414902062	2.47E-12	17.25484729
SMKR1	NM_001195243	67.67475719	7.320643332	3.39E-05	9.244372949
VPS4A	NM_013245	80.62201792	16.94539941	0.000265212	4.757752588
EHD4	NM_139265	231.5363036	7.38319698	1.92E-20	31.35989792
FRG1B	NR_003579	163.3099859	2.92333325	2.10E-17	55.86430691
B4GALT7	NM_007255	129.3121358	29.19958403	5.51E-06	4.428560889
LRRC58	NM_001099678	260.3692786	4.608766443	6.60E-27	56.49435307
BFAR	NM_016561	81.65499293	12.78076115	6.75E-05	6.38889906
SNX27	NM_030918	95.47475719	4.111832928	6.09E-08	23.21951277
APLF	NM_173545	155.9186893	2.098040723	9.68E-16	74.31633121
TXNDC17	NM_032731	164.0220179	33.14675843	1.89E-07	4.948357718
SARS	NR_034072	190.0770108	15.85719418	2.35E-14	11.98679973
DKK1	NM_012242	370.5363036	29.73544786	4.52E-26	12.46109712
ITFG2	NM_018463	217.7165394	9.801425254	1.39E-19	22.21274291
C14orf142	NM_032490	188.0110608	8.614168531	2.78E-17	21.82579318
TUBB2A	NM_001069	157.9846393	23.96691468	1.53E-08	6.591780438
MAP3K14	NM_003954	94.44178218	11.61414907	2.11E-06	8.131614433
ROR2	NM_004560	103.4176143	5.59928162	1.43E-08	18.46980048
IFT57	NM_018010	71.64618576	3.153546542	1.13E-06	22.71924159
LOC389247	NR_033995	51.62857143	0.517002028	1.04E-06	99.86144866
SIX5	NM_175875	185.7846393	20.04578274	5.16E-12	9.268016205
PAK1IP1	NM_017906	109.2945215	5.41301094	1.68E-09	20.19107714
TOE1	NM_025077	251.3934465	45.53761701	5.26E-12	5.520566577
ATP6V1B2	NM_001693	188.8835644	8.052081344	2.56E-16	23.45773177
LOC100288748	NR_034034	212.0001037	41.92352423	3.66E-09	5.056829253
CCDC109B	NM_017918	60.76487506	3.88998816	2.23E-05	15.62083805
COX6A1	NM_004373	181.9736822	17.61319627	3.27E-12	10.3316672
ARHGAP18	NM_033515	164.8945215	4.104366658	6.63E-15	40.17538763
MYH7B	NM_020884	171.9648751	16.28776772	5.56E-12	10.55791548
C6orf57	NM_145267	224.6264215	4.104434797	2.11E-23	54.72773539
TRUB2	NM_015679	146.0703536	12.33760668	1.55E-10	11.83943997
ZBTB25	NM_006977	131.3780858	9.782006077	1.77E-10	13.43058722
TMEM261	NM_033428	121.2088072	8.651565024	1.19E-09	14.01004406
C11orf1	NM_022761	72.67916077	16.89926775	0.001731385	4.300728402
KLHL26	NM_018316	57.66595002	9.480797302	0.000837264	6.082394569
ATG2A	NM_015104	214.7780858	10.04399194	5.73E-18	21.38373738
FAHD2CP	NR_003698	256.3978501	14.45299924	2.19E-21	17.74011371
FMNL2	NM_052905	133.2835644	5.507502737	1.58E-11	24.2003628
ALG10B	NM_001013620	167.9934465	2.300367801	2.19E-20	73.02895061
C6orf147	NR_027005	199.7648751	10.71419046	1.09E-16	18.64488743
DYRK3	NM_003582	216.5230929	7.023625235	3.86E-21	30.82782546
LDLRAP1	NM_015627	107.3890429	11.72735071	3.06E-07	9.157144318
ABHD13	NM_032859	182.8461858	2.087094308	3.72E-22	87.60801323
TMEM38B	NM_018112	155.0461858	1.812868067	5.76E-16	85.52535541
IFT52	NM_016004	100.4791608	6.607586792	1.06E-07	15.20663503
IDII	NM_004508	140.1934465	17.32227909	8.38E-09	8.093244878
IFNGR1	NM_000416	199.9253465	4.378310584	5.20E-20	45.6626689
KIF18A	NM_031217	89.59785007	2.332486311	1.86E-08	38.4130229
THAP2	NM_031435	129.1516643	7.381013884	2.89E-11	17.49782162
BSN-AS2	NR_038866	81.65499293	11.23307333	3.82E-05	7.269158719
HDHD2	NM_032124	238.4461858	4.855743261	1.36E-23	49.10601178
FAM86DP	NR_024241	114.298925	5.476220728	3.11E-10	20.87186231
PSMA2	NM_002787	95.47475719	6.493567066	9.96E-08	14.70297545
GPR89B	NM_016334	268.3121358	4.006137475	1.34E-26	66.97526919
ARL2-SNX15	NR_037650	122.2417822	13.01055717	1.68E-08	9.395583953
SMG7-AS1	NR_040063	142.2593965	10.67323923	2.65E-11	13.32860563

GMPS	NM_003875	144.0044036	4.218741504	5.71E-13	34.13444589
PRR34-AS1	NR_027034	98.41321075	13.43801851	5.60E-06	7.323491236
BMS1P20	NR_027293	79.5890429	6.99091425	5.32E-06	11.38464013
IRF1	NM_002198	343.6088072	14.04952468	6.79E-31	24.45697024
TMEM144	NM_018342	63.70332862	4.302544909	5.30E-05	14.80596483
NIPAL1	NM_207330	242.5780858	5.349010438	6.06E-25	45.35008645
UCK2	NM_012474	140.032975	7.709017103	2.26E-11	18.16482869
TOX4	NM_014828	115.3319	8.27830409	2.04E-09	13.93182695
SPTY2D1	NM_194285	111.3604715	7.683252691	4.98E-09	14.49392282
MTCP1	NM_001018025	59.57142857	4.592783608	9.70E-05	12.97065868
NEU3	NM_006656	182.8461858	9.733692117	5.53E-15	18.78487459
SQLE	NM_003129	106.6770108	5.989956073	1.09E-08	17.80931438
RBM48	NM_032120	58.85939651	2.759908033	1.15E-05	21.32657894
ERH	NM_004450	161.2440358	6.100923727	5.77E-15	26.42944627
ULK4	NM_017886	37.96927864	3.049816237	0.00361418	12.44969391
HNRNPA0	NM_006805	217.5560679	21.79528793	3.80E-14	9.981793706
PAPSS1	NM_005443	168.86595	4.574957563	2.97E-15	36.91093255
TMSB4X	NM_021109	147.1033286	18.68261887	2.13E-08	7.873806647
ATP6AP1	NM_001183	133.2835644	7.100266507	3.01E-12	18.77162839
MED28	NM_025205	214.6176143	9.617549343	4.45E-19	22.31520803
CDK8	NM_001260	41.78023574	1.671914729	0.000918299	24.98945372
HOOK3	NM_032410	142.9714286	4.097368386	1.29E-12	34.89347676
DDX50	NM_024045	187.8505893	5.393835253	5.81E-18	34.82690526
ARPP19	NM_006628	170.9319	4.131047885	9.82E-18	41.37737078
RNF123	NM_022064	159.8901179	21.41304496	9.40E-10	7.466949149
GAS2L3	NM_174942	185.9451108	2.490788308	6.74E-20	74.65311692
FLJ36777	NR_027441	208.5802357	19.91728796	2.15E-14	10.47232114
SPPL2A	NM_032802	252.26595	3.533521135	3.01E-25	71.39222898
ATP6V0E1	NM_003945	132.4110608	8.239774103	1.06E-10	16.06974405
ISY1-RAB43	NM_001204890	47.81761433	8.210549459	0.004726061	5.823923791
RNASEH2A	NM_006397	169.0264215	18.73219248	3.02E-11	9.02331223
THBS1	NM_003246	230.5033286	8.200789839	5.83E-21	28.10745466
LOC102546294	NR_105057	37.96927864	1.495537669	0.003062328	25.38838
ZNF572	NM_152412	247.4220179	15.09508381	3.07E-20	16.39090057
TRIP11	NM_004239	120.1758322	5.364024566	1.78E-10	22.40404209
PGGT1B	NM_005023	142.098925	2.036994862	4.05E-15	69.75909842
MCOLN2	NM_153259	103.4176143	4.350454786	7.76E-09	23.77167892
C19orf43	NM_024038	214.6176143	18.71466265	1.50E-15	11.46788582
ZMAT2	NM_144723	72.67916077	15.89915528	0.002004574	4.571259259
PDAP1	NM_014891	152.1077322	23.88339677	9.04E-09	6.368764615
RPL23AP53	NR_003572	118.2703536	4.951337803	6.25E-11	23.88654507
ST7-OT4	NR_002329	30.0264215	0.383284482	0.000463213	78.3397788
TEFM	NM_024683	176.0967751	10.10266791	2.67E-15	17.43071996
VPS25	NM_032353	188.0110608	20.98938593	3.80E-12	8.957435033
THAP6	NM_144721	175.0638001	3.930437803	5.43E-18	44.54053438
FADD	NM_003824	133.2835644	29.10738264	3.67E-06	4.579029521
RAB40B	NM_006822	65.60880717	7.436881019	0.000148265	8.822086436
RPS8	NM_001012	253.4593965	32.1383824	8.92E-15	7.88650136
USP35	NM_020798	47.81761433	8.423622803	0.004170074	5.676609156
ZNF720	NM_001130913	195.632975	5.686128487	2.00E-18	34.40530327
VEZF1	NM_007146	51.62857143	7.292809587	0.002006944	7.079380151
KLC3	NM_177417	133.2835644	23.71127844	5.97E-07	5.621104096
WDR61	NM_025234	141.06595	11.52704906	1.63E-10	12.23781987
KIAA1279	NM_015634	120.4967751	6.162708679	4.87E-10	19.55256712
IK	NM_006083	79.5890429	5.691203993	2.51E-06	13.9845704
BOP1	NM_015201	49.72309288	9.300362963	0.004328481	5.346360467
KIAA1328	NM_020776	121.3692786	1.951996624	2.77E-11	62.17699209
SETD2	NM_014159	45.75166431	3.917205661	0.000542755	11.67966869
TEN1	NM_001113324	119.4638001	18.52413311	4.93E-07	6.44908992
APOBEC3C	NM_014508	126.3736822	12.8967477	1.66E-08	9.798879929
NRBP1	NM_013392	257.2703536	17.43404543	5.50E-20	14.75677889
GTPBP4	NM_012341	108.4220179	8.481798895	1.12E-08	12.78290363

SLC45A1	NM_001080397	127.2461858	8.56423726	5.81E-10	14.85785388
LOC101926913	NR_110185	97.38023574	6.494431982	3.62E-08	14.99441922
CDK17	NM_002595	107.3890429	3.670012759	2.88E-10	29.26121787
TXNDC15	NM_024715	56.79344649	10.3315211	0.002540298	5.497104049
INTU	NM_015693	52.82201792	2.157315376	0.000122168	24.48506996
APOE	NM_000041	75.61761433	10.55575624	0.000141332	7.163637792
IPO13	NM_014652	160.0505893	14.02699088	2.03E-11	11.41018702
TUBG2	NM_016437	263.4682037	17.69265157	1.51E-20	14.89139164
SLC16A9	NM_194298	83.56047148	3.615542604	7.71E-08	23.11146089
LRRRC40	NM_017768	125.1802357	3.061667999	1.63E-12	40.88628676
CRISPLD2	NM_031476	330.9824894	12.98411337	1.72E-27	25.49134314
CHST3	NM_004273	54.88796794	10.13338039	0.004629797	5.416550632
NTSR1	NM_002531	138.1274965	26.96896697	9.82E-07	5.121719962
KCNQ1OT1	NR_002728	157.9846393	6.580996608	4.68E-13	24.00618762
HIST2H2BC	NR_036461	125.1802357	28.59296713	0.004717065	4.378007892
NAGLU	NM_000263	92.53630363	15.03725858	1.81E-05	6.15380145
EGFEM1P	NR_021485	44.87916077	0.487879315	5.87E-05	91.98824248
KDM5A	NM_001042603	158.1451108	6.199680313	5.83E-14	25.50859122
TSTA3	NM_003313	253.4593965	25.78535134	1.04E-16	9.829588636
PHF13	NM_153812	101.3516643	13.9557834	3.40E-06	7.262341452
RRP7B	NR_002184	112.3934465	15.86088353	9.55E-07	7.086203379
RANBP17	NM_022897	68.7077322	2.124949864	3.56E-06	32.33381332
CEP250	NM_007186	200.7978501	7.786286684	1.70E-17	25.78865359
PTGS2	NM_000963	75.77808581	3.849510111	1.60E-07	19.6851245
PHKA2	NM_000292	101.3516643	3.325772865	1.66E-09	30.47462002
RPL18A	NM_000980	201.8308251	33.73201971	2.70E-10	5.983360227
RBM3	NM_006743	73.55166431	13.70891261	0.000438104	5.36524423
LOC101927211	NR_110742	77.52309288	3.927241625	2.30E-06	19.73983276
RECK	NM_021111	196.8264215	4.355507911	2.32E-18	45.19023396
CXCL2	NM_002089	86.49892504	13.20759976	0.000125975	6.549178245
CEP83-AS1	NR_027035	212.7121358	10.74107345	4.54E-18	19.8036199
ZMPSTE24	NM_005857	138.1274965	7.684244512	1.77E-11	17.97541661
ATAD5	NM_024857	144.0044036	6.709066254	8.22E-12	21.46414987
EFCAB7	NM_032437	199.7648751	2.300954089	7.01E-22	86.81827943
L3MBTL2	NM_031488	106.5165394	10.61717033	1.23E-07	10.03247909
LINC00662	NR_027301	145.1978501	18.11935617	5.54E-09	8.013411112
SP140L	NM_138402	72.67916077	3.98844324	9.57E-06	18.22243828
LATS2	NM_014572	97.54070721	7.460495522	2.54E-07	13.07429338
B3GNT2	NM_006577	63.70332862	8.684235934	0.000249998	7.335513349
CWC15	NM_016403	179.9077322	6.089897483	1.47E-17	29.54199684
VAMP3	NM_004781	54.72749646	7.36079303	0.00085552	7.435000039
PARP1	NM_001618	234.4747572	9.76181571	6.20E-20	24.01958449
SFXN2	NM_178858	159.1780858	12.14668441	4.03E-12	13.10465313
DYNC1LI1	NM_016141	95.31428571	4.10639356	3.59E-08	23.21119111
DARS-AS1	NR_110200	168.153918	7.938902559	1.79E-14	21.18100288
C8orf49	NR_103552	37.80880717	0.419035006	0.000156666	90.22827847
ECHDC3	NM_024693	101.3516643	4.651891258	3.72E-09	21.7871955
ATP8B1	NM_005603	55.76047148	5.925549559	0.000249998	9.41017722
DOT1L	NM_032482	72.5186893	13.0675882	0.000627703	5.549508311
PUS3	NM_031307	121.3692786	11.44131561	5.96E-09	10.60798275
LOC100130691	NR_026966	160.0505893	4.076423936	1.90E-14	39.26249867
WWC2	NM_024949	46.78463932	4.206206476	0.000560597	11.12276337
LSM7	NM_016199	147.1033286	18.53369504	5.53E-09	7.937075058
DENND6A	NM_152678	269.3451108	5.434657166	6.68E-26	49.56064432
LOC101926895	NR_120372	139.1604715	9.256700918	2.75E-11	15.03348468
SEMA3C	NM_006379	70.61321075	1.938672979	1.48E-06	36.42347704
LGALS3BP	NM_005567	227.7253465	15.34515201	2.84E-18	14.84021445
AAK1	NM_014911	130.1846393	4.686217018	2.31E-11	27.78032661
AKIRIN2	NM_018064	217.5560679	8.977071552	5.03E-19	24.23463672
LINC00482	NR_038080	65.92975012	15.7501897	0.002410604	4.185965463
KLHL18	NM_025010	152.9802357	7.181066194	6.68E-13	21.30327609
SLC25A43	NM_145305	64.57583215	2.387339696	3.47E-06	27.04928513

BHLHE40	NM_003670	106.3560679	13.46524514	1.22E-06	7.89856158
RPS12	NM_001016	244.3230929	50.59886601	2.03E-10	4.828627836
C19orf10	NM_019107	104.4505893	14.34228664	1.35E-06	7.282701284
FEM1B	NM_015322	207.5472607	7.621958362	3.36E-19	27.23017509
EAPP	NM_018453	124.3077322	6.03055178	8.46E-11	20.61299476
DLAT	NM_001931	108.2615464	4.407352361	1.08E-09	24.56385094
FAM127A	NM_001078171	214.4571429	20.71779726	4.72E-12	10.35134866
ORAI3	NM_152288	161.9560679	27.78694213	2.20E-08	5.828495527
RIBC2	NM_015653	92.53630363	11.46716575	8.59E-06	8.069675252
ANXA4	NM_001153	196.66595	7.297328176	5.81E-17	26.95040504
TGS1	NM_024831	248.4549929	6.048803423	6.45E-23	41.07506486
KIAA1377	NM_020802	119.4638001	2.984145677	1.12E-11	40.03283118
DCPS	NM_014026	298.0176143	10.32768873	2.06E-26	28.85617703
ACAA2	NM_006111	94.44178218	2.973038618	1.41E-09	31.76607986
LINC00896	NR_026919	147.9758322	36.84962276	1.23E-05	4.015667491
JPX	NR_024582	90.47035361	2.9594935	1.43E-08	30.56953956
NKX2-8	NM_014360	83.56047148	14.79500443	0.000152206	5.647884179
FNBP4	NM_015308	97.38023574	9.180049876	2.22E-07	10.60781118
INO80D	NM_017759	80.62201792	3.935156059	2.06E-07	20.48762913
PGAM1	NM_002629	115.3319	19.39828706	1.66E-06	5.945468263
FKBP15	NM_015258	182.8461858	4.979915471	3.37E-17	36.71672478
TRMT61A	NM_152307	71.64618576	12.67811904	0.000289865	5.651168405
NT5M	NM_020201	60.60440358	7.169561442	0.000474722	8.453014048
OARD1	NM_145063	134.1560679	18.40887559	3.98E-08	7.287575346
ANKRD52	NM_173595	160.0505893	11.73160341	2.68E-12	13.64268665
ETHE1	NM_014297	309.9319	13.67282984	8.87E-26	22.66772158
TBX6	NM_004608	81.65499293	16.69633145	0.00023575	4.89059487
PIGN	NM_176787	55.92094295	1.834343605	3.68E-05	30.48553324
CCDC25	NM_018246	204.7692786	6.132458324	8.70E-19	33.39105915
NDUFS4	NM_002495	115.3319	2.558728274	5.57E-11	45.07391473
LOC284080	NR_038230	203.8967751	33.93628029	1.92E-10	6.008224041
TRIM59	NM_173084	176.9692786	10.1429124	9.89E-15	17.4475803
CBR4	NM_032783	162.1165394	6.307264317	6.92E-15	25.7031466
ZNF215	NM_013250	119.3033286	2.852664245	1.31E-12	41.82172117
EIF3E	NM_001568	149.3297501	6.993972217	1.60E-12	21.35120722
HS3ST3B1	NM_006041	141.06595	5.768431988	9.85E-13	24.45481724
SLC35E3	NM_018656	182.8461858	5.862882114	1.57E-17	31.18708209
CDKN2AIP	NM_017632	98.41321075	4.443367006	3.79E-09	22.1483417
MTCH2	NM_014342	151.0747572	9.366631514	3.23E-12	16.12903817
PAFAH2	NM_000437	48.85058935	8.296622036	0.004432675	5.888009497
SNTB2	NM_006750	201.6703536	3.737074386	8.87E-19	53.96476836
ANKDD1A	NM_182703	97.54070721	9.733541727	1.05E-06	10.02109098
GLB1L2	NM_138342	47.65714286	6.712134451	0.001276872	7.100147234
CENPF	NM_016343	109.2945215	6.245807319	2.45E-09	17.49886218
FAM27C	NR_027421	45.75166431	2.82351865	0.001710518	16.2037762
CNTNAP3B	NM_001201380	49.72309288	2.59589678	0.000291998	19.15449538
PARM1	NM_015393	136.2220179	3.870741843	3.47E-13	35.19274172
ELOF1	NM_032377	203.8967751	15.97505011	1.85E-15	12.76345136
PARPBP	NM_017915	108.4220179	1.777974776	7.44E-11	60.98062772
MFSD6	NM_017694	35.74285714	3.98591831	0.003372473	8.967282909
DHX37	NM_032656	78.55606789	6.272424064	2.51E-06	12.5240365
DNAJB2	NM_001039550	85.46595002	17.29938054	0.000169912	4.940405225
UXT-AS1	NR_028119	89.4373786	1.84837042	7.73E-08	48.38715099
PHTF1	NM_006608	44.87916077	3.823696919	0.000480998	11.73711247
SMC5	NM_015110	304.9274965	3.954694409	7.62E-30	77.10519826
S100A11	NM_005620	203.5758322	12.36048126	4.42E-17	16.4698953
STRN	NM_003162	61.6373786	3.394894171	1.14E-05	18.15590575
VCPIP1	NM_025054	118.4308251	6.491842162	1.52E-09	18.24302288
C1orf74	NM_152485	205.6417822	15.90652431	1.14E-14	12.92814056
FAM208B	NM_017782	72.5186893	5.062954881	1.04E-05	14.32339237
FZD4	NM_012193	212.5516643	14.22480386	4.79E-17	14.94232655
FRMPD1	NM_014907	49.72309288	5.987963358	0.001383466	8.303840539

STAMBPL1	NM_020799	170.0593965	6.355645222	5.21E-15	26.75721985
DPY19L1	NM_015283	250.2	3.048727224	1.65E-25	82.06703376
PSMB7	NM_002799	90.47035361	7.421291237	7.58E-07	12.1906486
KCNG1	NM_002237	309.9319	9.432194753	6.66E-29	32.85893773
EIF3M	NM_006360	133.2835644	7.594049375	9.81E-12	17.55105317
GPBP1L1	NM_021639	124.4682037	6.374875356	4.66E-11	19.52480586
LINC00574	NR_026780	65.76927864	6.727048449	7.42E-05	9.776840339
LINC01137	NR_038842	97.38023574	6.695150859	7.53E-08	14.54489044
DYM	NM_017653	170.9319	3.545049228	3.09E-16	48.21707375
SRGAP1	NM_020762	48.85058935	3.938061662	0.000305038	12.40472942
EIF2S3	NM_001415	92.37583215	6.472433658	3.55E-07	14.27219451
C7orf13	NR_026865	74.58463932	9.594520921	0.000136773	7.773669987
C1RL-AS1	NR_026947	114.298925	11.85001554	4.44E-08	9.645466258
C19orf53	NM_014047	131.3780858	22.93720035	5.91E-07	5.727729793
ENPP4	NM_014936	196.66595	4.190983985	1.56E-20	46.92596076
LOC100506100	NR_046240	91.50332862	17.20782623	6.33E-05	5.317541414
NPC2	NM_006432	147.1033286	4.019225095	1.30E-14	36.59992291
BAZ1B	NM_032408	123.1142857	8.08851144	9.83E-10	15.22088293
WDR83OS	NM_016145	283.1648751	52.37541768	1.04E-11	5.406446146
ERP44	NM_015051	212.7121358	3.74082311	1.14E-19	56.86238818
HFM1	NM_001017975	130.3451108	1.977949689	7.85E-13	65.89910327
KAZALD1	NM_030929	300.2440358	62.31990477	4.24E-13	4.817787141
APMAP	NM_020531	275.0615464	8.999863944	5.56E-25	30.56285608
NUFIP2	NM_020772	264.1802357	10.20591439	4.79E-23	25.88501389
RHPN2	NM_033103	95.31428571	7.412940666	4.63E-07	12.85782391
ACTRT3	NM_032487	75.45714286	17.1787477	0.001448836	4.39247052
MROH6	NM_001100878	200.9583215	47.22922254	2.16E-08	4.254957222
AGK	NM_018238	203.5758322	4.299882858	8.41E-19	47.34450655
ZNF321P	NR_037805	147.2638001	6.181527514	7.00E-14	23.82320547
SOX9	NM_000346	238.6066572	20.86718162	2.52E-17	11.43454164
ZSCAN16	NM_025231	124.4682037	11.61274404	5.67E-09	10.71824224
SKA1	NM_001039535	183.8791608	4.991742521	5.81E-18	36.83666776
SYNGR4	NM_012451	39.00225365	4.518105205	0.004688305	8.632435919
DBF4	NM_006716	110.3274965	4.34233786	3.94E-10	25.40739574
HOTTIP	NR_037843	91.50332862	3.199799699	4.16E-09	28.59658017
SNHG11	NR_003239	142.098925	16.77187207	1.68E-09	8.472454621
RABL3	NM_173825	49.88356436	3.979292324	0.000249748	12.53578785
DDB1	NM_001923	118.2703536	8.300694436	1.81E-09	14.24824809
ZW10	NM_004724	133.2835644	5.144379443	2.70E-12	25.90857961
PNPLA5	NM_138814	120.6572466	9.246144839	1.26E-09	13.04946534
CHAC2	NM_001008708	157.9846393	7.543889059	2.53E-14	20.94206822
LINS	NM_001040616	103.4176143	3.470092506	2.28E-09	29.80255257
LINC01267	NR_110135	58.69892504	8.392252482	0.000361464	6.994418383
CAMK4	NM_001744	67.67475719	2.557546861	3.39E-06	26.46080829
ACYP1	NM_203488	126.3736822	2.427483508	1.79E-14	52.05954306
UBXN4	NM_014607	97.54070721	6.341280088	2.65E-08	15.38186389
EPRS	NM_004446	95.47475719	4.747072431	6.21E-08	20.11234473
PNRC2	NM_017761	227.4044036	20.21139264	4.17E-16	11.2512981
NHEJ1	NM_024782	206.6747572	6.030980111	5.80E-19	34.26885073
C1orf228	NM_001145636	72.67916077	11.57329987	0.000196074	6.279899559
MED31	NM_016060	167.9934465	11.3731566	8.77E-14	14.77104839
C5orf15	NM_020199	156.9516643	9.230204668	8.31E-13	17.00413696
TAF8	NM_138572	234.4747572	9.580615933	1.51E-20	24.47387087
ATXN7L2	NM_153340	120.3363036	7.673924	3.16E-10	15.68119565
NAA50	NM_025146	229.4703536	3.695765552	2.98E-24	62.09007319
MYO10	NM_012334	260.2088072	5.185095917	1.18E-23	50.18399106
GPR125	NM_145290	75.45714286	3.995447586	8.72E-07	18.88577969
SPC24	NM_182513	146.2308251	11.36066882	3.69E-11	12.87167396
HINT2	NM_032593	227.7253465	39.35837332	1.21E-10	5.785944066
PCNX	NM_014982	47.65714286	3.119238763	0.000293342	15.27845301
ARPC4-TTLL3	NM_001198793	176.9692786	18.04619673	8.23E-12	9.806458462
ZBTB11	NM_014415	183.8791608	6.492896373	9.33E-17	28.32005167

EIF3F	NM_003754	118.4308251	8.333216402	8.35E-10	14.21189843
LRRRC47	NM_020710	123.1142857	13.64425399	4.36E-08	9.023159918
RAB38	NM_022337	200.6373786	3.348775595	1.93E-19	59.91365289
RAC2	NM_002872	92.37583215	13.41062672	9.63E-06	6.888256164
HLX-AS1	NR_046901	54.72749646	3.679138686	6.20E-05	14.87508386
DNAJC25-GNG10	NM_004125	287.1363036	8.936332894	1.23E-25	32.13133475
GBAP1	NR_002188	230.6638001	21.54280153	2.55E-16	10.70723321
PISD	NM_014338	149.0088072	20.37656648	3.12E-09	7.312753467
DNAJC3	NM_006260	237.4132108	4.248737915	3.54E-22	55.87852569
TMEM180	NM_024789	218.7495144	33.82629183	2.71E-12	6.46684879
FLJ27354	NR_033981	119.4638001	10.89151779	3.30E-09	10.96851719
EXOSC6	NM_058219	155.0461858	2.963151427	3.20E-15	52.3247595
TEX19	NM_207459	40.03522867	3.611376579	0.001740302	11.08586374
PCNXL4	NM_022495	209.7736822	6.208164426	6.00E-19	33.78996879
FBXO42	NM_018994	157.2726073	6.253888934	5.53E-14	25.14796936
EGLN3	NM_022073	320.8132108	6.592862675	1.88E-31	48.66068453
WASL	NM_003941	211.5186893	2.352169319	1.75E-22	89.92494188
TTLL5	NM_015072	172.8373786	4.120103509	3.67E-15	41.94976612
GP1BB	NM_000407	106.3560679	22.1879203	0.000365868	4.793422118
GEMIN6	NM_024775	115.3319	10.75732471	2.27E-08	10.72124372
LOC401052	NM_001008737	165.0549929	31.78418843	7.28E-08	5.192990638
TMEM183A	NM_138391	123.2747572	7.36472106	1.21E-10	16.73855075
LPCAT3	NM_005768	192.6945215	12.19161825	8.15E-15	15.80549173
LOC100128568	NR_046376	139.1604715	11.89576439	6.03E-10	11.69832109
DNAH17-AS1	NR_102401	104.4505893	13.19072601	4.66E-07	7.918486766
COG3	NM_031431	180.7802357	4.464325645	9.47E-17	40.4944106
PDZD11	NM_016484	88.40440358	9.904533411	3.76E-06	8.925650499
C17orf67	NM_001085430	59.73190005	8.710171608	0.000489073	6.857717934
CCNG2	NM_004354	61.79785007	8.742833953	0.000597802	7.068400293
LOC646762	NR_024278	55.76047148	1.767325885	1.74E-05	31.5507581
COMMD1	NM_152516	208.5802357	4.151777202	7.51E-19	50.23878344
CRADD	NM_003805	156.9516643	5.144959332	7.25E-14	30.50590961
SYNJ2BP	NM_018373	105.3230929	6.462365056	2.74E-08	16.29791755
LARP1	NM_015315	63.70332862	8.217590866	0.000313162	7.752068661
ZNF17	NM_006959	73.71213579	8.71998788	4.51E-05	8.45323833
ENDOD1	NM_015036	61.95832155	6.0118453	5.92E-05	10.30604057
MSANTD4	NM_032424	159.0176143	3.136948519	5.70E-18	50.69181511
PAG1	NM_018440	292.1407072	7.501194103	9.98E-26	38.94589358