

Table S2. Pol II ChIP-Seq Data. Related to Figure 7F**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
KDELRL3	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-BM11	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
DESI2	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
SMGT1	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
MIDIIP1	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	176.4066962	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
CHRN1	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
KDEL2	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
THUMP2D	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
ARHGEF18	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
NIN1	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
MRT04	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
TPIIP2	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
UQCRCQ	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
LRRC56	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	36.29556102
FLOT2	NM_004475	147.0398994	3.985558131	5.59E-15	33.89317646
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
NFKB1A	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	71.2226597	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
GRHPR	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
HMGN2	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
LRRC73	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
THUMP3-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 shAFF4

Symbol	Gene ID	Promoter RPK	Gene Body RPK	pValue	Pause Ratio(TR)
MRPS12	NM_0211107	41.23569155	0.385480164	6.09E-05	106.9722788
NUDT15	NM_018283	53.54951704	0.526946546	5.49E-07	101.6222944
TMEM222	NM_032125	41.16067678	1.258391139	0.000460807	32.70896902
MUTYH	NM_001293190	63.54434729	3.326440646	1.41E-05	19.10280509
RBM10	NM_001204466	61.719157	1.282696793	3.88E-06	48.11671577
PUF60	NM_078480	61.22535205	1.459051214	1.56E-06	41.96244207
FDXR	NM_024417	170.9434405	4.190816321	7.86E-18	40.7900102
ATP5G3	NM_001689	104.4362634	2.306282341	1.02E-11	45.28338164
GUSB	NM_000181	38.84168154	0.108516788	1.95E-06	357.9324666
PDCD6	NR_073609	93.52883803	0.941952524	2.31E-12	99.2925181
GSTT2B	NM_001080843	100.5608385	8.365329681	2.04E-07	12.0211447
GRTP1	NM_024719	48.34270683	0.204851945	9.08E-07	235.9885171
NPM1	NM_002520	67.41977218	2.644305356	1.10E-06	25.49621284
CD320	NM_016579	122.944509	6.338855528	2.59E-10	19.39537958
PIEZO1	NM_001142864	46.44250177	0.840042678	3.61E-05	55.28588368
PLSCR3	NM_020360	116.8251037	6.24469326	4.93E-10	18.70790106
PRKAG1	NM_002733	106.3364685	1.375090821	1.59E-12	77.33050564
PHF7	NM_016483	75.51439737	0.224758434	9.03E-11	335.9802608
FIS1	NM_016068	59.74393718	1.840428481	2.64E-06	32.46197165
MMP24-AS1	NR_102706	99.22945321	13.55563043	8.04E-06	7.320165134
SERTAD1	NM_013376	122.4507041	11.14434436	1.49E-08	10.98769925
ANAPC11	NM_016476	52.06810217	6.046563175	0.001310752	8.611189641
TOMM34	NM_006809	80.64619281	0.658629732	7.69E-10	122.4454179
POMT1	NM_007171	47.0113215	0.603414526	5.12E-06	77.90883287
TPM4	NM_001145160	32.22847122	0.683302398	0.000857294	47.16575166
RPAIN	NR_027685	37.92908639	2.20796872	0.001517189	17.17827162
ATP5G2	NM_005176	30.32826616	1.572988238	0.004454733	19.28066938
NR1H3	NM_001251934	34.62248123	2.694912997	0.004272813	12.84734657
ACAD9	NR_033426	19.76461619	0.055401491	0.004454733	356.7524267
RFXANK	NM_001278727	97.25423338	2.253805491	2.07E-10	43.15112097
KDELR3	NM_016657	38.42289135	3.424039645	0.002010002	11.2215089
LOC644656	NR_036539	78.74598776	7.015297417	5.99E-05	11.22489655
CENPBD1P1	NR_026052	46.86129196	2.668748734	0.000647335	17.55927464
TMEM9B	NM_001286095	70.23257238	0.678678256	1.34E-08	103.4843415
ZNF101	NM_033204	57.84373212	0.536988681	5.74E-07	107.7187176
CISH	NM_013324	59.32514699	0.936362987	5.49E-07	63.356997
NUDT1	NM_198949	73.12038735	3.650870157	5.30E-07	20.02820813
DDX12P	NR_033399	45.03610167	0.030654517	8.39E-08	1469.15057
ZNF324	NM_014347	55.03093192	3.709983509	6.88E-05	14.83320122
DAG1	NM_004393	88.32202782	0.42323628	4.90E-11	208.6825541
SLC37A4	NM_001164278	45.03610167	1.796346463	4.42E-05	25.07094405
LOC554206	NR_038379	51.72432676	2.169893346	0.000564964	23.83726687
PLAUR	NM_001005377	60.73154709	0.91716098	1.73E-06	66.21688933
NQO2	NM_001290222	135.8271543	1.620090454	3.87E-16	83.83924115
SLC35A2	NM_001282647	45.60492139	2.568870365	0.000615114	17.75290883
CYHR1	NM_032687	97.25423338	20.78753247	0.000427654	4.678488586
ENOSF1	NM_001126123	57.00615174	0.79930441	9.06E-07	71.31970128
SRSF1	NR_034041	90.98479848	1.199728608	2.13E-11	75.8378169
RANBP3	NM_003624	40.24808164	0.287126243	5.56E-05	140.1755591
MATN1-AS1	NR_034182	72.6265824	2.597679239	4.30E-07	27.95825648
GLTSCR2	NM_015710	93.03503308	1.322765726	1.38E-11	70.33371914
TPD52L2	NR_045090	98.73564825	1.500135124	7.67E-11	65.81783643
EIF3D	NM_003753	74.0329825	1.575453283	5.65E-08	46.99154416
CLASRP	NM_007056	81.13999777	2.03231208	6.53E-08	39.92496947
TMC4	NM_001145303	60.73154709	5.163398423	5.90E-05	11.76193315
PSMC3IP	NM_001256016	63.54434729	2.862359522	2.73E-06	22.19998809
TRMT10B	NM_001286953	62.13794719	0.895796116	9.01E-07	69.36617169
LSM4	NM_001252129	67.83856237	3.445272779	6.51E-06	19.69033128
MON1B	NM_014940	43.13589661	0.378245499	1.29E-05	114.0420618
PPCDC	NR_125369	85.43421284	0.655555917	4.50E-10	130.3233037
UBA52	NM_001033930	104.9300684	11.86466181	3.89E-07	8.843915662
SEC16A	NM_014866	80.72120758	0.448319204	2.20E-10	180.0529775
TK1	NM_003258	77.83339261	13.02439434	0.000152296	5.97597021

MYEOV	NM_001300923	64.53195721	9.245461256	0.000243001	6.979852645
DDTL	NM_001084393	96.83544319	17.28641747	4.24E-05	5.601822549
MIEF1	NM_019008	26.52785604	0.506521245	0.001954384	52.37264244
ZDHHC4	NM_018106	131.5329392	0.834816219	3.10E-17	157.5591565
C6orf203	NM_001142470	97.82305311	0.339881285	4.11E-13	287.8153563
ADCK4	NM_024876	56.8561222	0.640789079	2.28E-07	88.72829469
TM7SF2	NR_102367	165.3178401	17.17165522	6.24E-11	9.627367773
LRRC8E	NM_001268285	82.12760769	2.926408512	8.57E-08	28.06430044
SLX1A	NM_001015000	242.8511736	58.61613708	6.61E-09	4.143077072
NELFA	NM_005663	75.4393826	8.972872817	2.73E-05	8.407494917
GUCD1	NM_001284252	100.5608385	3.244347717	1.45E-09	30.99570308
LRRC75A-AS1	NR_027162	97.32924815	16.44994338	3.47E-05	5.916691985
RNF32	NM_001184996	61.22535205	0.61989001	1.84E-07	98.76808966
ZSCAN16-AS1	NR_103456	23.22125088	0.068265867	0.00090997	340.1590263
TM9SF1	NM_001014842	48.34270683	0.218036086	3.32E-07	221.7188343
SBDSP1	NR_024111	68.75115751	0.662034568	2.99E-09	103.8482895
HNRNPA1P10	NR_002944	132.4455343	9.159352052	3.70E-10	14.46014233
HCP5	NR_040662	69.31997724	1.568770568	2.66E-07	44.18745395
CYB561A3	NM_001161454	49.33031674	5.427263736	0.000832801	9.089353151
NR4A1	NM_002135	120.6255138	3.412917171	3.89E-12	35.34381521
ITM2C	NM_001012514	48.83651178	0.147668054	6.69E-08	330.7181914
SRSF10	NM_001300936	111.0494737	1.270667635	1.62E-13	87.39458745
PPP1R3F	NM_033215	32.30348599	0.66305749	0.000474605	48.71898208
HES6	NM_018645	114.9248986	17.66768489	4.36E-06	6.504808034
HARS	NM_001289093	75.4393826	2.751923805	1.74E-07	27.41332535
USH1G	NM_173477	46.02371158	0.254622291	2.42E-06	180.752877
LOC100287015	NR_040040	108.7304785	1.458754024	2.12E-12	74.53654057
ANAPC15	NM_001278491	55.94352706	5.870858412	0.000234234	9.529019972
FANCA	NM_001286167	39.75427668	0.941476504	0.000179008	42.22545813
NUDT22	NM_001128613	82.54639787	4.553432779	2.33E-07	18.12838838
LOC101928736	NR_110941	69.24496247	2.112735355	5.98E-07	32.77502897
CCT6A	NM_001009186	71.63897248	2.09733415	9.77E-08	34.15715731
PGAP2	NR_027017	67.41977218	1.431375842	5.74E-07	47.1013763
NCBP2	NM_007362	50.24291189	4.620239629	0.000222083	10.87452511
ABHD11	NM_148912	77.83339261	4.256150647	1.43E-06	18.28727389
ZBTB24	NM_001164313	63.1255571	4.778238047	7.27E-05	13.21105321
C21orf33	NM_198155	78.82100253	5.525178508	2.47E-06	14.26578389
PPIA	NM_021130	133.9269492	8.645916692	4.29E-11	15.49019658
CHCHD2	NM_016139	105.4238733	0.240023314	3.91E-15	439.2234716
SON	NM_032195	59.74393718	0.155151861	1.50E-09	385.067486
KLHL21	NM_014851	139.1337594	3.383640549	6.52E-14	41.11954488
AP2M1	NM_001025205	91.62863298	4.642296364	6.29E-08	19.73778186
ZFYVE19	NM_001077268	57.91874689	0.740896246	1.97E-07	78.17389707
TCEB3-AS1	NR_038280	74.52678745	1.838237851	7.68E-08	40.54251598
PIK3R2	NM_005027	52.71193667	1.17024824	2.09E-05	45.04338043
DNAJC19	NR_046073	79.23979271	2.052231362	7.04E-09	38.61152996
SLC25A10	NM_001270888	78.32719757	5.019655384	2.50E-06	15.6040986
BAIAP3	NM_001199099	96.76042842	4.259712837	6.57E-09	22.71524681
R3HCC1	NM_001136108	33.14106636	1.732968453	0.001747412	19.1238717
DEDD2	NR_073050	35.04127142	0.630417361	0.00019692	55.58424245
DONSON	NM_017613	85.50922761	2.462633325	1.45E-08	34.72267947
SLC26A6	NM_001281732	82.12760769	2.553428153	2.41E-08	32.16366499
C8orf58	NM_001013842	45.60492139	3.235760681	0.000347515	14.09403411
AURKAIP1	NM_001127229	79.6585829	9.573674716	8.75E-05	8.320585905
RPL13A	NM_012423	130.5453293	26.30834136	3.51E-06	4.962126935
MLXIPL	NM_032952	157.1482001	2.421681825	7.78E-17	64.89217473
TMEM25	NM_001144037	25.54024613	0.260766588	0.001006368	97.94293935
HNRNPA2B1	NM_031243	158.0607952	3.537631704	2.37E-16	44.67983342
C1QTNF9B-AS1	NM_001014442	52.21813171	2.758310862	0.000118106	18.93119896
STIP1	NM_001282652	132.3705196	4.548283608	1.85E-12	29.10340053
NFE2L2	NM_006164	46.93630673	0.357413433	5.12E-06	131.3221674
CSRNP2	NM_030809	112.0370837	1.708353219	2.49E-12	65.5819197
YWHAZ	NM_001135699	48.83651178	2.315849147	0.000185563	21.08795033
TSPAN10	NM_001290212	48.4177216	0.763798919	1.24E-05	63.39066525
INSIG1	NM_005542	68.82617228	0.813804518	2.11E-08	84.57334749

TMEM143	NM_018273	25.12145594	0.355823557	0.002533392	70.6008792
FOS	NM_005252	144.7593598	16.93969745	2.52E-09	8.545569382
CPNE1	NM_152925	87.82822286	0.044682922	5.80E-15	1965.588156
CDK11B	NM_033486	32.22847122	0.727056978	0.001396235	44.32729785
DUS3L	NM_001161619	41.23569155	0.72621886	5.66E-05	56.78135589
TMEM106A	NM_001291586	37.01649125	1.704330638	0.000718549	21.71907869
LINC00173	NR_027345	57.00615174	3.364901051	4.86E-05	16.94140508
ZNF7	NM_001282797	67.83856237	1.592077783	2.27E-07	42.61008042
TAF9B	NM_015975	41.31070632	0.54023241	7.93E-05	76.4683969
RPS10	NM_001203245	73.95796773	2.774592901	2.64E-07	26.65543032
RHOD	NM_014578	57.91874689	0.318924288	1.97E-07	181.6065725
PFKP	NM_002627	76.42699251	0.810995484	8.17E-09	94.23849336
CBR3-AS1	NR_038892	84.02781274	0.629302309	6.24E-10	133.5253527
SLC29A1	NM_001078174	36.1038961	2.372861149	0.001696594	15.21534293
PIP4K2B	NM_003559	52.21813171	1.675467775	7.41E-05	31.16630023
RTBDN	NM_031429	50.24291189	4.530063537	0.000305288	11.09099497
CHTOP	NM_001206612	49.8241217	0.097334548	3.32E-07	511.8852711
ZBTB4	NM_020899	29.8344612	0.289489688	0.00067614	103.0588045
SRA1	NR_045587	113.9372887	6.869962205	1.22E-09	16.58484942
C17orf62	NM_001193654	43.47967203	3.179696741	0.001435711	13.67415687
DUSP18	NM_152511	49.25530197	2.693443553	0.000174645	18.28711128
RER1	NM_007033	66.43216226	2.050452734	6.02E-07	32.39877768
ENDOV	NM_173627	58.2625223	2.514671463	1.78E-05	23.16903944
TMEM11	NM_003876	35.95386656	0.91604274	0.000835115	39.24911468
INF2	NM_032714	45.11111644	0.28685503	6.63E-07	157.2610264
SPDYC	NM_001008778	61.22535205	3.826286921	5.69E-05	16.00124437
SNHG17	NR_027241	87.3344179	2.408934978	1.33E-08	36.25436913
DNAJA3	NM_001135110	93.45382326	0.728025108	5.93E-11	128.3662091
ADAT3	NM_138422	52.6369219	1.46204797	7.31E-06	36.00218527
ZNF276	NR_110129	52.6369219	8.705512065	0.002240418	6.046390093
GSTZ1	NM_001513	32.22847122	1.839549445	0.004647094	17.5197635
ILF3	NM_012218	76.92079747	0.599427135	9.72E-10	128.3238494
ZNF408	NM_024741	186.1450809	0.944748021	7.84E-25	197.031459
PSMA3	NM_002788	57.84373212	0.95692621	6.37E-06	60.4474321
SPATA33	NR_073515	59.74393718	2.332758974	3.41E-06	25.61084871
ARF6	NM_001663	86.84061295	1.090348608	2.11E-10	79.64481482
GIPC1	NM_202470	41.72949651	1.920823311	0.000412776	21.724797
GTPBP3	NM_032620	68.75115751	5.154575474	8.12E-06	13.33788939
HN1L	NM_144570	33.63487132	0.373570177	0.000139487	90.03628614
COX5B	NM_001862	102.6110731	2.355740545	8.20E-11	43.55788389
NDUFC2	NM_001204055	40.32309641	0.751860327	0.000191558	53.63110002
MEF2BNB-MEF2B	NR_027307	47.84890187	2.718134103	0.000232201	17.60358395
GTF3C5	NM_001286709	99.15443844	0.92696668	1.85E-11	106.9665615
MRPL55	NM_181441	31.73466626	1.905469797	0.004895542	16.65451024
LINC01315	NR_120595	58.33753707	2.60071892	9.53E-06	22.443131183
FLVCR1-AS1	NR_027286	62.63175215	1.671820396	3.83E-06	37.46320616
MAGEF1	NM_022149	76.8457827	7.128747797	1.76E-05	10.77970281
ZNF655	NM_024061	49.8241217	3.967389043	0.000325764	12.55841591
TMEM147	NM_032635	53.13072686	3.034850075	8.30E-05	17.50687037
VDAC2	NR_033675	61.719157	2.04323963	2.82E-06	30.20651914
GPATCH3	NM_022078	49.25530197	0.080876924	3.32E-07	609.0155229
AP2S1	NM_021575	48.83651178	7.689789393	0.003318668	6.350825659
LINC00339	NR_023919	40.66687183	2.99501231	0.001920241	13.57819856
SNAPC2	NM_003083	65.02576216	7.975872557	0.000172435	8.152808573
EIF1	NM_005801	157.9857805	20.02074242	3.83E-09	7.891104993
KRT8	NM_001256293	50.16789712	3.510628459	0.000140199	14.29028953
FGFR4	NM_001291980	99.22945321	0.596484513	8.34E-14	166.3571325
HJURP	NM_001282962	71.63897248	0.600826229	1.05E-08	119.2340963
TMEM175	NM_032326	33.55985655	0.239760904	8.06E-05	139.9721804
LRCH4	NM_002319	114.4310937	1.48076985	4.48E-13	77.27810884
FADS1	NM_013402	43.70471634	5.022258451	0.003110299	8.702203752
C1orf85	NM_144580	37.43528144	1.517319603	0.000809655	24.67198167
PRMT1	NM_198318	48.83651178	1.020657635	1.79E-05	47.84808352
EML3	NM_001300794	31.80968103	1.216208275	0.003362431	26.1547974
SF3A1	NM_001005409	95.84783328	0.546482186	3.04E-12	175.3905905

CYCS	NM_018947	49.33031674	1.497277649	1.51E-05	32.94667275
ELMO3	NM_024712	41.65448174	2.170128903	0.000490001	19.19447351
GGA1	NM_013365	31.31587607	0.6161583	0.000590101	50.82440028
TPM3	NM_001278189	83.53400779	0.35761183	8.85E-12	233.5884913
CAPN10-AS1	NR_103792	47.84890187	3.328486426	0.000451646	14.37557368
UNC45A	NM_001039675	85.43421284	6.445906561	1.88E-06	13.25402595
TMEM177	NM_001105199	84.02781274	3.508129134	4.05E-08	23.95231462
SLC44A2	NM_020428	64.03815225	0.92328671	5.28E-07	69.35890182
MRPL49	NR_037568	75.4393826	9.159012692	7.45E-05	8.23662824
LAMTOR2	NM_001145264	33.63487132	2.700751228	0.004884681	12.45389467
NDRG4	NM_001242836	74.94557764	11.04925554	7.74E-05	6.782862191
FAM3A	NM_001171134	53.13072686	1.959917324	8.40E-06	27.10865719
CARHSP1	NM_001278260	138.6399545	6.77073759	3.21E-12	20.47634436
HM13	NM_178580	76.8457827	1.246025097	1.46E-07	61.67274069
C14orf2	NM_004894	91.13482802	0.532915608	5.93E-13	171.0117451
BAMBI	NM_012342	112.5308886	2.878840776	4.02E-12	39.08895885
CRELD1	NM_015513	58.2625223	2.595661845	7.55E-06	22.44611424
TYSND1	NM_001040273	46.44250177	4.92763589	0.001116774	9.424905331
STK16	NR_026909	96.83544319	9.803527046	1.30E-06	9.877612694
MED15	NM_001293234	44.54229671	0.04630258	6.63E-07	961.9830316
C9orf16	NM_024112	102.0422534	6.869145387	4.56E-08	14.85515994
FAM136A	NM_032822	50.24291189	0.131363432	1.07E-07	382.4725894
KIAA1191	NR_109798	131.9517294	0.82432437	1.63E-17	160.0725809
SLC2A8	NM_014580	63.1255571	0.194634008	3.22E-09	324.3295341
RFC2	NM_181471	60.73154709	0.228847744	4.95E-09	265.3797064
EEF1D	NM_001130057	92.39119858	8.373792838	2.23E-06	11.03337524
TOR1B	NM_014506	137.7273593	2.804811057	6.36E-15	49.10397047
CATIP-AS1	NR_110573	66.43216226	7.354707039	0.000536416	9.032604822
MEPCE	NM_001194991	161.4424152	22.40994954	2.15E-09	7.204050812
ITPA	NM_033453	26.03405109	0.189206658	0.000761071	137.5958511
TSPYL4	NM_021648	45.03610167	6.09252443	0.002373679	7.392026439
SEC13	NM_001278946	72.13277744	5.678098023	1.41E-05	12.70368654
ADAM15	NR_048577	91.62863298	0.698060364	3.23E-12	131.2617615
SLC38A3	NM_006841	39.82929145	0.114113734	1.95E-06	349.031533
RPL17	NM_001199345	74.0329825	3.966132097	5.08E-07	18.66629267
AVPI1	NM_021732	110.5556688	3.565676933	1.27E-10	31.00552037
MAP3K11	NM_002419	47.84890187	0.353537026	5.20E-07	135.3433966
NTMT1	NM_001286798	119.9816793	3.383770626	9.34E-12	35.4579824
ITGA3	NM_002204	65.86334254	2.851612368	3.68E-06	23.09687785
NOLC1	NM_001284389	37.36026667	2.826478983	0.001625779	13.21795311
PRR14	NM_024031	46.44250177	5.213403032	0.002754025	8.908289169
FAM109A	NM_144671	37.92908639	0.528584022	0.000153702	71.75602141
FAM134A	NM_024293	19.42084077	0.196190176	0.002846449	98.98987371
SF3B6	NM_016047	58.33753707	0.55101697	1.97E-07	105.8724871
STX1A	NM_004603	56.51234679	3.35921054	0.000117861	16.82310356
LONP1	NM_004793	49.33031674	9.489465752	0.004297423	5.198429293
NDUFB8	NM_001284368	59.25013222	2.016613196	3.95E-06	29.38100988
LOC100289561	NM_001242713	57.34992716	0.360057897	2.97E-07	159.279737
PSMD8	NM_002812	55.03093192	3.763073524	0.000116565	14.62393216
ZNF771	NM_016643	65.51956712	6.308860123	7.21E-05	10.38532569
KHNYN	NM_001290257	63.54434729	4.596680478	2.27E-05	13.8239644
DCLRE1B	NM_022836	34.05366151	0.807547056	0.00081299	42.1692597
CCT3	NM_001008800	32.15345645	0.694569354	0.000754357	46.29265063
MBD1	NM_001204141	30.25325139	0.876166705	0.003598386	34.52910414
TOR2A	NM_001252018	54.61214173	3.250253313	8.96E-05	16.80242629
ZBTB48	NM_005341	86.84061295	7.757949465	3.11E-06	11.19375852
ALDH4A1	NM_170726	29.34065625	0.159906175	0.000468867	183.4866993
MYADM	NM_001290191	60.73154709	1.853881309	9.41E-07	32.75913447
THEMIS2	NM_001105556	90.64102306	1.535769819	1.25E-10	59.0199273
MORN1	NM_001301060	23.64004107	0.057948583	0.001525429	407.9485645
RABAC1	NM_006423	59.32514699	9.620549243	0.002100936	6.166503127
PQLC3	NM_152391	89.72842792	1.129317809	6.29E-10	79.45365528
PPCS	NM_001287509	84.5216177	0.156824438	1.25E-12	538.9569297
ARFIP2	NM_001242856	63.61936206	7.821081331	0.000348872	8.134343497
CALM3	NM_005184	72.13277744	3.740507108	1.44E-06	19.28422413

CYP2S1	NM_030622	36.86646171	1.445904927	0.001111374	25.49715478
ELP6	NM_001031703	40.32309641	0.176918061	3.51E-06	227.9196158
RPL21	NM_000982	65.51956712	1.314029534	1.16E-07	49.86156355
G6PC3	NR_028581	44.12350652	4.741872042	0.001435711	9.305081649
CENPA	NM_001042426	62.63175215	1.35331132	1.86E-07	46.28037262
SIGMAR1	NM_001282207	133.3581295	6.020947849	5.41E-12	22.14902584
RPL6	NM_001024662	107.2490636	0.9791728	4.47E-14	109.5302725
RNF167	NM_015528	52.6369219	9.402439647	0.003435344	5.598219598
MRPL18	NM_014161	45.52990662	0.802173619	1.53E-05	56.75816997
DCXR	NM_016286	190.3642812	19.29564871	1.28E-11	9.865658527
RPP14	NR_049758	61.22535205	0.27490271	4.19E-08	222.716437
LINC00115	NR_024321	92.54122812	7.63338501	5.09E-06	12.12322292
RPL8	NM_033301	103.7924289	6.129493748	3.12E-08	16.93327919
MRPL40	NM_003776	121.044304	3.779540369	3.61E-12	32.02619688
GRB7	NM_005310	40.32309641	2.891102326	0.000666492	13.94730863
BSC12	NM_001130702	118.7253087	2.64060803	3.21E-12	44.9613526
SMPD1	NM_001007593	52.71193667	0.978959803	6.67E-06	53.84484279
EIF6	NM_001267810	74.52678745	2.578750905	7.13E-08	28.90034369
LINC01123	NR_046110	106.3364685	3.749240623	4.13E-10	28.36213495
SNX21	NM_152897	42.1482867	1.287176624	0.000120789	32.74475773
SDC1	NM_002997	47.0113215	0.280855336	1.91E-06	167.3862499
GCDH	NM_013976	44.04849175	0.916951918	6.45E-05	48.03795151
EXOSC5	NM_020158	36.02888133	1.141795133	0.000655852	31.55459353
ARRB2	NM_001257331	23.71505584	0.194939251	0.001525429	121.65357
FLAD1	NM_025207	62.63175215	2.815981486	8.87E-06	22.24153548
POLL	NM_013274	26.45284127	0.458334805	0.001006368	57.7151047
TRAPPC1	NM_021210	60.23774213	3.754712565	0.000174273	16.04323662
DANCR	NR_024031	90.56600829	21.92319667	0.001474413	4.131058515
SNX5	NM_152227	41.16067678	0.41050625	2.84E-05	100.2680879
NDUFC1	NM_002494	43.06088184	1.838431404	0.000236986	23.42262091
C2orf68	NM_001013649	85.43421284	5.468492072	1.93E-07	15.6229929
ILK	NM_004517	62.63175215	6.073849885	7.95E-05	10.31170564
TECR	NM_138501	178.9630509	0.131572437	8.71E-29	1360.186489
MBD4	NM_003925	36.44767152	1.561157755	0.000779283	23.34656533
MAP2K7	NM_001297556	32.72227618	1.100695448	0.003110618	29.72872853
ATXN7L3B	NM_001136262	85.50922761	1.692722342	7.33E-10	50.51580255
TMEM138	NM_016464	65.02576216	1.57837031	5.53E-07	41.19803937
NKIRAS2	NM_001144928	68.33236732	3.351143763	4.04E-06	20.39075974
DUOX1	NM_017434	32.64726141	0.954414976	0.001067169	34.20656865
LEPRE1	NM_022356	94.44143318	0.747069596	1.38E-11	126.4158436
HTRA2	NM_013247	74.87056287	6.218366658	7.00E-06	12.04022969
DDIT3	NM_001195055	157.6420051	21.44330212	7.20E-09	7.351573193
TIMELESS	NM_003920	93.37880849	0.323980925	2.20E-13	288.2231682
MAP3K6	NM_001297609	33.63487132	2.804644224	0.003302166	11.99256256
RPL7A	NM_000972	88.740818	10.52908212	1.39E-05	8.42816278
DRG2	NM_001388	87.25940313	0.289107118	3.23E-12	301.82378
ARF1	NM_001024226	53.54951704	3.535207981	0.00019692	15.14748703
FBXL18	NM_024963	40.66687183	0.123227641	8.03E-06	330.0142036
ARL2	NM_001667	46.02371158	1.291466731	3.75E-05	35.63677677
KAT8	NM_032188	70.72637734	1.636436663	7.27E-08	43.21974626
TM4SF19-AS1	NR_121665	70.5763478	0.209608688	3.49E-10	336.70526
CXorf38	NM_144970	29.41567102	0.367952388	0.00067614	79.94423176
TSPAN4	NM_001025239	37.51029621	3.812117308	0.002664429	9.839753916
CDPF1	NM_207327	80.64619281	2.048777673	7.04E-09	39.36307677
CLK2	NM_003993	71.71398725	2.897407005	1.06E-06	24.75109197
C1orf216	NM_152374	63.1255571	6.273858354	5.23E-05	10.06168032
AARS	NM_001605	121.5381089	0.562095638	4.41E-15	216.2231847
VDAC1	NM_003374	90.22223287	0.486953182	4.58E-11	185.2790704
GCAT	NM_014291	72.6265824	11.76957954	0.000330125	6.170703224
FLYWCH2	NM_001142499	72.13277744	0.139903175	1.11E-10	515.5907115
ULK1	NM_003565	36.1038961	1.355894542	0.001823772	26.62736295
B9D2	NM_030578	45.94869681	1.123475644	4.42E-05	40.8987031
UBE2B	NM_003337	37.92908639	1.046570127	0.001210908	36.24132337
GPATCH4	NM_015590	62.63175215	2.259919472	3.13E-06	27.71415218
NME1-NME2	NR_037149	125.2635043	4.54416793	6.54E-12	27.56577358

PSMB6	NM_002798	58.33753707	7.029649311	0.000742688	8.298783409
LOC652276	NR_015441	121.044304	1.536221862	2.70E-13	78.79350435
ATP1A1-AS1	NR_024125	42.22330147	2.135167597	0.000348152	19.77516966
NKX3-1	NM_006167	86.84061295	1.1881602	4.11E-10	73.08830318
SRSF3	NM_003017	172.4248553	3.2218745	9.84E-19	53.51693721
SNRPD3	NM_004175	106.2614537	1.404405578	3.61E-12	75.66293909
RBM14	NM_001198836	154.7541901	5.482246799	1.80E-14	28.22824213
2-Mar	NM_001005416	34.62248123	0.828013391	0.000346543	41.81391461
COA6	NM_001206641	66.85095245	0.434306782	4.94E-09	153.9256471
SMIM12	NM_138428	90.64102306	0.503789009	5.93E-13	179.9186195
DCTPP1	NM_024096	37.43528144	1.387294688	0.000393885	26.98437597
CHPF2	NM_019015	48.4177216	1.944243393	0.000122945	24.90311746
NRSN2-AS1	NR_109990	44.61731148	1.037140085	1.10E-05	43.01956133
MPPE1	NR_040243	57.84373212	0.430038849	9.77E-08	134.5081549
ZNF789	NM_213603	73.04537258	0.562648729	1.50E-09	129.8241137
LOC730183	NM_001256932	78.74598776	6.748141264	0.000266251	11.66928561
PSMG3	NM_001134340	103.0298633	8.027469441	9.11E-08	12.83466279
SLC25A3	NM_002635	129.6327341	2.033572653	1.89E-14	63.74630086
KIF18B	NM_001264573	67.83856237	0.297601798	5.00E-10	227.9507811
SDCBP2-AS1	NR_040049	56.36231725	1.158266812	1.91E-05	48.66091012
S100A13	NM_001024210	34.12867628	0.867089927	0.00162444	39.36001934
PPP1CA	NM_001008709	64.11316702	8.318373539	0.000522615	7.707416206
S100A4	NM_002961	51.2305218	5.720154162	0.002191422	8.95614355
LINC00959	NR_034125	54.61214173	0.094838804	2.60E-08	575.8417357
HNRNPH1	NM_001257293	184.6636661	4.357929707	4.65E-19	42.37417271
IMP4	NM_033416	30.67204158	0.3209645	0.000264898	95.56209976
INTS1	NM_001080453	34.12867628	0.171750583	8.06E-05	198.7106867
OSGEPL1-AS1	NR_102429	50.73671684	3.637680615	0.000145699	13.94754576
SLC45A3	NM_033102	30.82207112	0.830194682	0.00072303	37.12631721
MFSD5	NM_032889	66.92596722	8.606465699	0.000353416	7.776242835
INPP5K	NM_130766	33.63487132	0.436824079	0.000158938	76.99866589
MSH6	NM_000179	60.3127569	0.137544844	1.50E-09	438.4952224
UNC119	NM_005148	125.832324	5.635330724	1.02E-11	22.32918176
SNHG4	NR_036536	49.33031674	8.316600498	0.002995803	5.931548203
ZNF77	NM_021217	83.95279797	0.115941817	3.44E-13	724.0942086
POLD1	NR_046402	47.92391664	0.220895786	6.97E-07	216.9526065
ABCB9	NM_001243013	76.35197774	1.254602811	7.82E-08	60.85748976
RNF207	NM_207396	46.02371158	2.709724945	0.000227021	16.98464328
TIGD6	NM_030953	32.22847122	2.440289265	0.004819746	13.20682416
BTG2	NM_006763	181.3570609	7.943245887	6.83E-16	22.83160606
PSMC4	NM_153001	50.24291189	3.383986851	0.000244523	14.84725387
PEA15	NM_001297577	66.43216226	1.75161599	2.19E-07	37.92621366
PPP6R2	NM_014678	74.0329825	0.170920708	9.96E-10	433.1422634
APLP1	NM_001024807	42.22330147	2.839594119	0.000370348	14.86948476
AMD1	NM_001287216	66.85095245	0.641317652	1.10E-07	104.2400007
LBX2	NM_001009812	68.82617228	8.79629011	9.17E-05	7.824454562
TCP1	NM_030752	84.02781274	1.613361916	1.13E-09	52.08243228
HBEGF	NM_001945	137.2335544	1.445913628	2.76E-16	94.91130849
PA2G4	NM_006191	50.81173161	1.468608004	1.14E-05	34.59856646
TMEM14B	NM_030969	113.0246936	1.013432516	1.64E-14	111.5266106
MON1A	NM_001142501	56.51234679	1.974865177	1.23E-05	28.61579993
ATG4D	NM_032885	82.12760769	3.029256432	3.74E-08	27.11147423
TMEM184B	NM_012264	79.73359767	1.215728889	6.69E-08	65.58501521
SURF4	NM_033161	62.13794719	3.831414239	2.49E-05	16.21801855
NOP2	NM_001258309	73.53917754	0.791238448	2.15E-09	92.94186569
TMEM120B	NM_001080825	63.1255571	0.805083609	3.89E-07	78.40869743
MARVELD3	NM_052858	65.51956712	2.051107622	3.18E-07	31.94350526
HNRNPDL	NM_001207000	69.73876742	8.582422225	0.000126663	8.125767481
BRF2	NM_018310	74.87056287	1.400098273	1.34E-08	53.47521978
SEPW1	NM_003009	92.96001831	8.214655612	8.15E-07	11.31636221
TRIM52-AS1	NR_102762	43.62970157	1.133481048	0.000120789	38.49177862
TMSB10	NM_021103	142.4403646	35.60420789	0.000113095	4.000660962
ARMC7	NM_024585	81.63380273	5.766751504	5.28E-07	14.15594251
GATC	NM_176818	61.64414223	2.734052228	3.31E-06	22.54680492
MYO19	NM_001163735	57.84373212	1.543721559	1.91E-05	37.47031438

ZNF526	NM_133444	49.33031674	2.027720992	3.06E-05	24.32796076
CST3	NM_000099	107.8178834	4.348191721	1.47E-10	24.79602793
PRMT5	NM_001039619	41.31070632	4.206410782	0.003823805	9.820892076
FABP5	NM_001444	125.7573093	4.723835411	5.12E-12	26.62186514
MLF2	NM_005439	38.42289135	0.499138285	6.09E-05	76.9784497
TMCO6	NM_018502	67.34475741	0.783278878	1.49E-08	85.97800771
DHFRL1	NM_176815	71.14516752	0.559209517	2.57E-09	127.2245292
LOC100505666	NR_040772	50.31792665	0.87115236	1.50E-06	57.76019091
RAD54L	NM_003579	60.3127569	0.163868368	4.95E-09	368.0561273
SLC25A5	NM_001152	88.740818	6.345726945	8.97E-07	13.98434234
CCDC134	NM_024821	90.64102306	0.19954585	5.93E-13	454.236574
FGS	NR_110170	68.82617228	0.790324696	1.55E-08	87.08594413
PPL	NM_002705	40.81690136	0.142705458	1.73E-05	286.0220056
ISL2	NM_145805	65.51956712	2.096862735	5.53E-07	31.24647409
RPS17	NR_111943	106.2614537	8.928417751	5.09E-08	11.90148766
TSPYL1	NM_003309	55.03093192	4.467688905	0.000274874	12.31753891
N4BP3	NM_015111	40.81690136	1.08127199	0.000313333	37.74896763
SF3A2	NM_007165	67.34475741	0.899722357	2.11E-08	74.8505991
IDUA	NM_000203	41.23569155	2.349971489	0.000942341	17.54731568
ING2	NM_001564	27.021661	0.171541172	0.000291283	157.5228894
TUT1	NM_022830	97.32924815	0.690878598	1.53E-12	140.8774979
RPL22L1	NM_001099645	128.1513193	10.00328716	7.81E-10	12.81092077
RRM2	NM_001165931	96.34163824	4.431239419	1.01E-08	21.74146534
EPHA2	NM_004431	114.8498839	2.631814551	1.40E-11	43.63904889
TNS4	NM_032865	49.8241217	0.810968172	5.13E-05	61.43782633
ARRDC1	NM_152285	95.42904309	13.85642804	1.32E-05	6.886987237
BSG	NM_198589	57.34992716	3.663873683	6.72E-05	15.65281233
HYAL3	NM_001200031	68.82617228	8.871709761	0.000110969	7.757937775
FUT4	NM_002033	59.25013222	4.419243942	7.74E-05	13.40730066
CNPY3	NM_006586	32.72227618	1.324896045	0.003598386	24.69799522
OXAI1L	NM_005015	38.42289135	1.551712321	0.000393885	24.76160743
LOC100289230	NR_036530	117.3189086	4.671330388	4.11E-10	25.11466732
ULK3	NM_001284365	74.52678745	2.571507035	1.19E-07	28.98175523
DOLK	NM_014908	113.9372887	13.79204041	4.59E-07	8.261090119
ELK1	NM_001257168	46.51751654	0.447636252	2.01E-05	103.9181173
BABAM1	NM_014173	45.52990662	0.785943909	3.14E-05	57.93022392
TRMU	NR_104241	90.71603783	2.675138483	2.52E-09	33.91078197
TMEM127	NM_001193304	74.52678745	0.763760101	5.26E-09	97.57879118
FAM86B3P	NR_024363	43.13589661	0.469493435	2.98E-05	91.87752873
RPL35A	NM_000996	74.0329825	0.801495761	1.85E-09	92.36852659
LETM1	NM_012318	38.34787658	0.377341546	0.000122269	101.6264362
TRIM11	NM_145214	79.80861244	0.7522393	4.12E-10	106.0947128
STAG3L5P	NR_103720	141.5277694	1.419879291	1.19E-17	99.67591636
DUSP2	NM_004418	88.32202782	7.943995386	2.62E-06	11.11808649
ZNF784	NM_203374	26.10906586	0.385043853	0.002272915	67.80803179
TSPAN17	NM_001006616	66.92596722	0.235100333	2.45E-09	284.6698105
NUBP2	NM_012225	39.33548649	3.85895794	0.002696539	10.19329236
CTSB	NM_147780	84.5216177	2.289197939	1.17E-08	36.92193508
FDX1L	NM_001031734	65.51956712	0.685351785	4.31E-08	95.59990734
AP1G2	NM_001282475	31.73466626	1.853614644	0.003829767	17.12042272
ECE2	NM_032331	47.92391664	2.51705838	5.46E-05	19.0396524
ZFP36	NM_003407	147.7221896	28.56516299	1.18E-06	5.171410701
AJUBA	NM_001289097	61.64414223	4.669311982	1.79E-05	13.20197547
SFR1	NM_001002759	132.9393393	1.397929738	5.60E-17	95.09729684
CDK10	NR_027702	89.08459342	19.78693832	0.000364043	4.502191899
ZFAND2B	NM_001270999	48.91152655	4.581710367	0.000514546	10.67538597
PTPN23	NM_015466	118.7253087	0.145115662	9.84E-18	818.1426273
PYCR2	NM_001271681	113.4434838	2.100491355	1.15E-12	54.00806983
REPIN1	NM_001099695	36.02888133	1.332772231	0.000330125	27.03303722
VEGFA	NM_001171627	156.7294099	4.983846192	1.33E-14	31.4474813
RELA	NM_001243985	49.33031674	1.695510691	3.06E-05	29.0946657
TIMM8A	NM_001145951	71.22018229	6.059224114	0.001524441	11.75401024
SPRY4	NM_030964	113.9372887	1.722330466	2.01E-12	66.1529776
LOC100630923	NR_038967	57.34992716	1.084921183	2.15E-06	52.86091568
ZER1	NM_006336	65.51956712	1.603650159	2.52E-06	40.85652146

RPARP-AS1	NR_038937	55.94352706	11.04635331	0.003957333	5.064433982
TARS2	NR_073514	57.84373212	0.049682161	7.33E-10	1164.275697
PPM1J	NM_005167	80.72120758	1.266827882	7.62E-10	63.71915926
EXOSC2	NM_001282708	55.03093192	0.443032771	5.49E-07	124.2141338
KLC2	NM_022822	65.51956712	6.620019995	6.77E-05	9.897185684
GGA3	NM_001291641	57.76871735	3.036838042	2.30E-05	19.02265335
TKT	NR_047580	57.27491239	4.355528449	0.000179185	13.14993417
RNH1	NM_203384	44.54229671	2.747916509	0.000190342	16.20947964
PFKFB3	NM_001145443	72.13277744	1.528386723	1.29E-06	47.19537036
PMF1-BGLAP	NM_001199663	40.74188659	1.147890639	0.000827666	35.49282938
TSPO	NR_046308	42.22330147	2.560456421	0.000348152	16.49053705
LOC101929295	NR_110303	33.63487132	0.899152555	0.00081299	37.40730219
PNP	NM_000270	156.235605	0.183375589	7.84E-25	851.9978352
MRPL43	NM_176794	44.9610869	2.063685416	0.000280309	21.78679296
ACP2	NM_001131064	96.76042842	7.709865058	2.47E-07	12.55021037
ARMC5	NM_001105247	45.52990662	1.037020139	2.56E-05	43.90455393
POLD4	NM_001256870	47.43011168	4.862110188	0.001736784	9.755046647
EGLN2	NM_080732	62.21296196	2.050112905	5.90E-07	30.34611499
PLCB3	NM_000932	75.51439737	3.763161604	1.95E-06	20.06674316
WDR73	NM_032856	48.4177216	1.939072634	5.46E-05	24.96952448
CHCHD10	NM_001301339	118.650294	2.87451825	1.06E-11	41.276584
FUS	NM_001170634	203.7407314	4.240668649	5.64E-21	48.04448266
TNK1	NM_001251902	71.14516752	9.513389268	8.76E-05	7.478424936
AMOTL2	NM_001278685	62.13794719	1.167670345	9.01E-07	53.2153167
CTU2	NM_001012759	37.43528144	1.900607968	0.000895218	19.69647717
CCDC115	NM_032357	46.02371158	2.292635652	0.000213483	20.07458601
MMS19	NM_022362	42.64209165	0.649392547	3.72E-05	65.66458428
WDR34	NM_052844	44.04849175	2.653300489	0.000609574	16.60139586
FAM86EP	NR_024253	48.4177216	1.713629494	5.78E-05	28.2544866
FBXO18	NM_001258452	101.5484485	0.915281816	4.94E-11	110.9477395
ACIN1	NM_001164816	53.62453181	1.718152804	1.08E-05	31.21057201
SLC30A5	NM_001251969	55.4497221	0.470030778	5.49E-07	117.9704069
NXF1	NM_006362	125.6822945	4.99565162	2.57E-11	25.1583385
LOC100507316	NR_120682	71.56395771	11.97893785	0.001278627	5.974148842
CREBZF	NR_028027	113.9372887	0.744980294	1.20E-15	152.9400035
SEPHS2	NM_012248	58.75632726	2.097016816	8.69E-06	28.01900625
NIP7	NM_016101	55.03093192	4.95390764	0.000171852	11.10859062
MAT2A	NM_005911	127.0886946	11.87106589	4.58E-09	10.70575261
CDKN1C	NM_001122631	84.94040789	1.617184113	6.71E-09	52.52364725
PPIB	NM_000942	65.51956712	8.097411631	0.000212284	8.091421075
NR1D1	NM_021724	44.46728194	3.256543123	0.000706521	13.65474992
SLC25A29	NM_152333	48.83651178	0.173438281	1.31E-07	281.5786205
RPS14	NM_005617	93.94762822	2.444295393	6.13E-10	38.43546426
CHID1	NM_001142677	67.83856237	0.284297518	2.43E-09	238.6182013
PARS2	NM_152268	65.44455235	0.711787964	8.70E-09	91.94388737
NQO1	NM_001286137	58.33753707	2.755068116	1.45E-05	21.17462604
ASL	NM_001024944	124.3509092	1.170771472	1.29E-15	106.2127939
GSTK1	NM_015917	118.5752792	3.183554004	3.18E-12	37.24619688
TPRKB	NM_016058	40.17306687	1.431666302	0.00022227	28.06035654
PDRG1	NM_030815	50.16789712	0.706479992	1.50E-06	71.01106569
ZNF74	NM_001256525	44.04849175	0.945915365	0.000136016	46.56705389
ASB16-AS1	NR_049730	111.4682639	1.06589356	1.18E-13	104.5772938
FKBP1A	NM_001199786	62.63175215	1.234079197	1.55E-06	50.75180937
LOC100288152	NR_125375	65.02576216	8.618572076	0.000234464	7.544841719
KCTD5	NM_018992	122.0319139	0.788580753	4.41E-15	154.7487856
SNAI1	NM_005985	124.9197289	7.53318652	1.75E-10	16.58258806
MAPK7	NM_139034	35.61009115	1.385910266	0.00081299	25.69436999
IQQC	NM_001160042	82.62141264	3.055827213	2.80E-08	27.03733126
NDUFS5	NM_004552	73.04537258	0.935650903	1.50E-09	78.06904511
CDAN1	NM_138477	69.81378219	4.087851637	6.21E-06	17.07835518
ZNF142	NR_073600	37.85407162	0.052318077	2.76E-06	723.537136
PTGES2	NM_025072	47.92391664	2.599557541	0.000243234	18.43541291
ATP6V1F	NM_001198909	61.719157	5.053454923	4.99E-05	12.21325963
SNHG1	NR_003098	168.4744157	13.3026427	1.42E-12	12.66473282
MRPL21	NM_181514	66.35714749	0.394988409	8.70E-09	167.9977082

MRPL12	NM_002949	54.53712696	0.488481963	7.06E-07	111.6461426
RPL9	NM_000661	83.45899302	1.738864938	4.95E-09	47.99624812
CAMTA2	NM_015099	33.14106636	2.166611429	0.003805536	15.29626675
CBX8	NM_020649	62.55673738	8.830766774	0.001037654	7.083953068
ZNF837	NM_138466	92.04742316	3.146899259	9.28E-09	29.25019697
AIF1L	NM_031426	39.90430622	0.305724729	1.73E-05	130.5236456
TMEM107	NM_183065	74.52678745	17.339747	0.001775558	4.298031998
NOL12	NM_024313	64.45694244	1.964830257	8.21E-07	32.80534906
PLEKHM1	NR_027782	143.6967351	1.630278323	8.70E-15	88.14245588
SNUPN	NM_001042588	21.81485078	0.293279944	0.004785512	74.38234782
CTPS1	NR_125440	76.92079747	0.901274118	2.86E-08	85.34672854
LOC100131691	NR_027334	73.46416277	7.40465934	1.70E-05	9.921342683
AURKB	NM_001284526	92.54122812	4.881831053	1.79E-08	18.95625373
RPLP1	NM_001003	141.4527547	18.29939069	2.48E-08	7.729916097
HAP1	NM_177977	122.5257189	0.19882655	1.04E-19	616.2442548
HNRNPAB	NM_004499	137.6523446	9.413846123	1.59E-10	14.62232787
SNHG7	NR_024543	158.5546002	26.40975848	7.89E-08	6.003636888
SUOX	NM_001032387	68.82617228	1.49400187	2.80E-07	46.06833075
PRDX1	NM_181696	136.2459445	3.277780051	7.79E-14	41.5665305
DBI	NM_001178017	38.42289135	0.957374335	0.000209145	40.13361329
BCL2L2-PABPN1	NM_001199864	36.02888133	1.045068185	0.001111374	34.47514894
FICD	NM_007076	75.02059241	6.811893916	8.94E-06	11.01317685
MARS2	NM_138395	84.02781274	8.484736594	9.98E-06	9.903408528
MAP3K14-AS1	NR_110326	71.63897248	3.00631984	5.40E-07	23.82945804
NDUFV3	NM_001001503	85.35919808	0.134152032	3.91E-13	636.2870323
ZNF646	NM_014699	76.42699251	4.233845513	3.52E-07	18.05143629
SOD2	NM_001024465	81.63380273	0.364407006	1.46E-11	224.0182035
RPSA	NM_002295	98.24184329	1.059825679	1.56E-12	92.69622847
RCC1	NM_001048199	78.74598776	18.60401513	0.000942341	4.232741545
ABCD4	NM_005050	51.64931199	0.425604248	2.56E-07	121.3552548
TEX22	NM_001195082	36.52268629	3.31300542	0.002122458	11.02403457
UBL7	NM_201265	107.7428686	0.254404672	3.42E-16	423.5097867
EZR	NM_001111077	62.21296196	1.573365849	6.44E-06	39.54131966
RPP25L	NM_148179	102.0422534	18.19049048	9.30E-05	5.609648268
NUSAP1	NM_001243144	46.02371158	0.097097172	1.00E-06	473.9964141
GPD1	NM_001257199	37.92908639	1.65788481	0.000655852	22.87799862
PSMG4	NM_001128592	66.92596722	0.741614569	2.12E-08	90.24359823
MFGE8	NM_001114614	103.4486535	0.700722367	1.32E-13	147.6314421
TMEM184A	NM_001097620	27.44045119	0.55641226	0.000776927	49.31676233
DNM2	NM_004945	94.44143318	0.278860957	1.31E-11	338.6685404
KDELR1	NM_006801	64.11316702	0.28923743	7.46E-09	221.6627603
HIST1H2BK	NM_080593	74.52678745	1.138991355	2.15E-09	65.43226789
JMJD4	NM_023007	116.7500889	9.008647528	4.02E-09	12.95977987
ZWINT	NM_001005413	47.92391664	2.747814671	9.06E-05	17.44073833
CDKN2AIPNL	NM_080656	66.43216226	2.677459418	3.77E-06	24.81164114
PRODH	NM_001195226	54.043322	2.561600588	3.83E-05	21.09748189
ACADVL	NM_001033859	73.12038735	18.13272874	0.002758906	4.032508751
SWI5	NM_001040011	54.043322	4.313895741	0.000188406	12.52773021
TPI1	NM_001159287	97.82305311	22.21303959	0.00018459	4.403857144
MAD2L2	NM_006341	50.31792665	4.160567977	0.000182226	12.09400422
ZMYM6NB	NM_001195156	41.23569155	1.387444116	0.000436662	29.72061437
LOC100996437	NR_110037	123.932119	1.129452051	1.43E-15	109.7276497
RPS20	NM_001146227	117.2438939	11.89394858	3.77E-08	9.857440788
RBMX	NM_001164803	87.82822286	3.280438006	1.53E-08	26.77332195
RUFY1	NM_025158	75.51439737	3.204703833	8.28E-07	23.5636119
ADNP-AS1	NR_110009	35.61009115	1.315637101	0.002191422	27.0668037
NSUN4	NR_045790	32.72227618	0.369270124	0.000348152	88.61338628
AGAP2	NM_014770	24.62765099	0.503839398	0.002159735	48.87996273
ARPC1B	NM_005720	58.83134203	5.181036843	8.32E-05	11.35512906
TBCC	NM_003192	87.82822286	7.548491984	2.26E-06	11.63520118
PRPF6	NM_012469	24.55263622	0.179505713	0.002159735	136.7791353
EIF5	NM_001969	84.02781274	6.042487616	1.27E-06	13.90616218
POLDIP2	NM_001290145	45.03610167	3.611665909	0.001034534	12.46962006
ZKSCAN3	NM_001242895	43.13589661	1.356037617	0.000314081	31.81025075
MPV17L2	NM_032683	74.45177268	11.75719796	0.000181696	6.332441876

FASN	NM_004104	145.2531648	1.897173455	7.89E-16	76.56293334
CEBPA	NM_004364	168.1306403	11.33866293	7.29E-13	14.82808346
KLF5	NM_001730	92.61624289	0.494577598	4.96E-12	187.2633197
SMDT1	NM_033318	58.83134203	1.429436004	8.18E-07	41.15703106
PYGO2	NM_138300	100.1420484	7.457737795	7.60E-08	13.42793902
RPS13	NM_001017	86.84061295	2.58036041	1.08E-08	33.65445099
ISCA2	NM_001272007	68.82617228	5.294088415	3.70E-05	13.00057099
FUT11	NM_173540	79.73359767	15.22065156	0.000245374	5.238514091
HGH1	NM_016458	179.4568558	32.56311328	1.38E-08	5.511047248
OGFR	NM_007346	37.51029621	1.38757109	0.000655852	27.03306265
RAB24	NR_109790	33.63487132	2.485702237	0.003199542	13.53133566
RAB4B-EGLN2	NR_037791	45.03610167	2.519304219	0.000347701	17.87640466
UBE2A	NM_003336	39.82929145	0.892571322	0.000191558	44.62309114
U2AF2	NM_007279	78.74598776	3.619973311	5.81E-07	21.75319567
TSC22D1	NM_006022	95.35402832	5.255245747	2.97E-08	18.14454222
SLC35C2	NM_001281460	47.50512645	0.297572055	2.29E-07	159.6424317
LINC00910	NR_027412	87.31553738	2.642003743	3.92E-09	33.04898322
TUBB3	NM_006086	206.5535316	13.21169191	3.87E-16	15.63414686
ARRDC3	NM_020801	64.45694244	1.933453626	6.48E-07	33.33772353
NIT1	NM_001185093	50.31792665	4.997042571	0.001027464	10.06954132
KANSL1-AS1	NR_034172	59.74393718	7.191195676	0.000201251	8.307928176
ISYNA1	NM_001170938	65.93835731	16.22908462	0.004089732	4.062974521
DYNLL1	NM_001037495	108.7304785	18.2832906	1.45E-05	5.946986287
FKBP3	NM_002013	96.34163824	0.943199291	1.10E-11	102.1434591
PHLDB1	NM_001144758	29.90947597	0.058981121	0.000265346	507.1025367
NDUFS8	NM_002496	47.43011168	0.539861884	1.60E-06	87.85601111
BLCAP	NM_006698	76.92079747	0.443794702	1.25E-10	173.3251821
EIF3J-AS1	NR_034170	66.92596722	8.693091697	0.000390477	7.698753165
TAF6L	NM_006473	40.81690136	2.502725592	0.000911282	16.30897989
PPOX	NM_000309	51.2305218	3.278938582	7.75E-05	15.62411754
PMS2L2	NR_003614	94.44143318	0.163157206	1.25E-14	578.8370324
UBE2C	NM_001281742	66.35714749	6.447945099	7.37E-05	10.29120851
ZNF791	NM_153358	49.8241217	0.257678787	3.54E-07	193.3574828
LOC101927021	NR_110068	84.44660293	2.548762104	9.63E-09	33.13239897
ERCC1	NM_001983	58.33753707	3.502439248	0.000100456	16.65625952
TSC22D4	NM_030935	84.94040789	1.504018383	5.45E-10	56.47564475
AKR1A1	NM_006066	65.86334254	0.96029975	2.50E-07	68.58623312
NDUFAB1	NM_005003	69.73876742	0.966278405	5.47E-08	72.17254062
LOC401585	NR_125365	26.10906586	0.227138431	0.002272915	114.9478129
RPL28	NM_001136136	173.7562407	30.90175704	6.43E-07	5.622859581
NFKBID	NM_139239	70.65136257	2.720886863	1.29E-06	25.96629927
PDCD2	NM_001199461	46.93630673	0.870952424	1.63E-05	53.89078145
HERPUD1	NM_001010989	153.34779	0.775438958	5.62E-21	197.7561077
H2AFV	NM_012412	64.87573262	1.248567023	2.50E-07	51.96015226
LOC493754	NR_111973	81.63380273	0.008170022	1.64E-14	9991.87025
CSTB	NM_000100	92.12243793	7.253111403	4.12E-07	12.70109237
TOR3A	NM_022371	72.55156763	2.485498023	1.94E-07	29.18995186
SCAMP3	NM_052837	64.53195721	1.822269928	5.53E-07	35.41295185
DYNLRB1	NM_001281728	90.14721811	0.120586968	5.34E-15	747.5701509
SLC25A38	NM_017875	70.65136257	4.197943619	3.28E-06	16.8299932
OR51B5	NM_001005567	62.13794719	0.650976609	7.53E-07	95.45342537
LFNG	NM_001040168	45.60492139	7.353653958	0.0049736	6.201668131
DDX39A	NR_046366	43.13589661	5.747239683	0.002637486	7.505498116
AFMID	NR_027083	125.2635043	3.537375307	2.31E-12	35.41142611
CAD	NM_004341	93.94762822	0.33549672	1.85E-12	280.0254747
LAMA5	NM_005560	55.52473687	0.295997151	6.33E-07	187.5853762
SRXN1	NM_080725	51.72432676	3.785597334	0.000156653	13.66345181
TPT1-AS1	NR_024458	31.73466626	0.172332784	0.000348152	184.1475866
WDR55	NM_017706	95.84783328	3.427905378	1.22E-09	27.96104989
DNNTIP1	NM_052951	56.93113697	0.161081119	4.61E-09	353.431471
SUMF2	NM_001042469	90.64102306	0.977212079	4.58E-11	92.75471004
CHCHD7	NM_024300	132.8643245	3.773598283	2.51E-13	35.20892118
SNHG12	NR_024127	151.8663751	25.20610577	6.61E-08	6.02498365
KAT5	NM_182710	62.63175215	14.50991869	0.00427188	4.316478507
PPP2R4	NM_001271832	65.02576216	0.427612485	1.39E-08	152.0670338

GAMT	NM_000156	77.33958766	7.620467901	6.12E-06	10.148929
ATP5SL	NM_001167869	76.77076793	2.674184386	1.02E-07	28.70810567
RPL31	NM_000993	110.5556688	7.103109453	8.55E-09	15.56440451
C17orf89	NM_001086521	45.94869681	5.773432146	0.002846449	7.958644988
PSMA7	NM_002792	81.21501254	3.666514948	3.30E-07	22.15046541
CARS2	NM_024537	43.62970157	0.48020657	4.50E-05	90.85611126
CAMK2G	NM_172171	48.91152655	0.207082439	2.33E-06	236.1935028
RPS23	NM_001025	82.54639787	8.540647126	9.07E-06	9.665122169
PRR23D2	NM_001282478	27.93425614	0.220512206	0.000779209	126.6789567
PSMD7	NM_002811	74.0329825	1.671486973	8.57E-08	44.29168979
ADAMTS7	NM_014272	38.42289135	0.146310912	4.59E-05	262.6112492
KIF22	NM_001256269	36.94147648	0.934027356	0.000718549	39.55074362
PPAP2C	NM_177526	36.1038961	0.717752997	0.000330125	50.30128229
SCO2	NM_001169111	98.66063348	23.761377	0.000488542	4.152142928
EIF3J	NM_001284336	96.41665301	0.336046509	6.70E-13	286.9146097
POLR2G	NM_002696	84.02781274	1.403444714	4.45E-10	59.87254924
HSPB1	NM_001540	59.32514699	4.308570921	7.44E-05	13.76910072
SMARCB1	NM_003073	79.6585829	0.533373423	5.01E-10	149.3486167
LGALS3	NM_001177388	91.13482802	0.327885241	5.93E-13	277.9473323
LSM5	NM_001139499	75.93318755	2.177275862	9.06E-08	34.87531777
THAP3	NM_138350	55.03093192	4.240998457	0.000152046	12.97593773
ATP2A3	NM_174955	60.80656186	0.20592704	1.61E-08	295.2820665
PNPO	NM_018129	94.44143318	1.686459221	8.13E-11	55.99983207
ELOVL1	NM_001256401	99.22945321	18.81842018	5.26E-05	5.272995941
PRDX5	NM_012094	39.33548649	1.364222367	0.000436662	28.83363259
SFPQ	NM_005066	147.57216	2.105350699	6.03E-17	70.09386137
GYS1	NR_027763	94.44143318	0.760451742	3.44E-11	124.1912247
CNN2	NM_004368	39.33548649	4.259462461	0.004647094	9.234847556
TPM2	NM_001301227	49.33031674	0.978867556	7.74E-06	50.39529243
MPI	NM_001289155	40.32309641	3.663123097	0.003618472	11.0078464
IDH1-AS1	NR_046452	67.91357713	2.717289571	7.61E-05	24.99313207
SLC12A9	NM_001267814	29.8344612	0.528096986	0.00067614	56.49428417
MRPL10	NM_145255	102.8798338	2.573715935	3.40E-11	39.97326681
AGFG2	NM_006076	68.33236732	0.5982693	6.59E-09	114.216737
HNRNPC	NM_001077442	130.0515243	1.259248282	1.12E-13	103.2771108
ATAD3B	NM_031921	50.31792665	0.14068299	4.37E-08	357.6688747
YPEL1	NM_013313	22.30865574	0.161658434	0.003847617	137.9987121
PABPC4	NM_001135654	123.932119	3.101694656	2.60E-12	39.95626028
LAMTOR5-AS1	NR_102697	40.24808164	1.498050416	0.000283421	26.86697404
PARP16	NM_017851	41.23569155	0.75492133	6.66E-05	54.62250156
LBR	NM_194442	34.12867628	0.368188307	0.000158938	92.69353645
ULBP3	NM_024518	51.2305218	0.237755792	1.07E-07	215.4753891
SMTN	NM_006932	142.8591548	6.017502484	3.24E-12	23.74060587
GNPDA1	NM_005471	32.72227618	0.975115321	0.003362431	33.55733981
XYLT2	NR_110010	25.6152609	0.459393515	0.001732498	55.75886482
RAB4B	NM_016154	45.03610167	1.240443275	0.000127729	36.30645801
TFAM	NR_073073	40.74188659	0.207232325	3.51E-06	196.6000551
LOC101928069	NR_120586	107.7428686	8.121272049	3.04E-08	13.26674786
DDX49	NM_019070	50.73671684	0.326964299	5.56E-07	155.175097
RHBDF2	NM_024599	123.3632992	0.677930421	3.48E-15	181.9704432
POLR3K	NM_016310	62.21296196	1.769676579	1.35E-06	35.15498973
CES2	NM_198061	44.54229671	1.177483094	5.09E-05	37.82839595
STK40	NM_032017	92.12243793	1.155867052	2.06E-09	79.69985628
MGAT1	NM_002406	53.62453181	1.657417046	9.20E-06	32.35427797
GRINA	NM_000837	73.61419231	4.609478195	1.94E-06	15.9701791
SLC25A19	NM_021734	155.247995	1.956219574	2.33E-17	79.36123181
GLT8D1	NM_001278281	54.11833677	1.176052663	4.09E-06	46.01693314
MTFR1L	NM_001099625	88.32202782	3.868554153	3.12E-08	22.83075907
DTX2	NM_001102594	84.44660293	0.072668848	5.52E-14	1162.074331
LMBR1L	NM_001300750	33.06605159	0.15927758	1.84E-05	207.6001628
TOP3B	NM_001282112	125.832324	1.571225659	4.25E-14	80.08545642
BAK1	NM_001188	74.0329825	4.430694654	3.11E-06	16.70911409
POLG	NM_002693	140.0463546	5.176111538	2.18E-12	27.05628608
TMEM69	NM_016486	59.74393718	0.743919911	4.19E-08	80.30963593
LOC100505915	NR_125434	39.33548649	0.121722011	1.95E-06	323.1583679

C11orf24	NM_022338	52.14311694	1.812905594	1.93E-05	28.76217996
ARHGEF39	NM_032818	62.13794719	4.94481033	4.47E-05	12.56629538
BBS1	NM_024649	67.34475741	0.968812941	1.70E-07	69.5126526
UTP14A	NM_001166221	24.2088608	0.322988288	0.004785512	74.9527512
TAF6	NM_005641	63.96313748	1.189193394	3.32E-07	53.78699361
APBB3	NM_006051	42.07327193	1.99345506	0.000120789	21.10570375
GSDMD	NM_001166237	33.70988609	2.335923025	0.002568095	14.43107745
WDR1	NM_017491	83.1152176	0.886100567	9.28E-09	93.79885387
OSER1-AS1	NR_038337	80.64619281	1.043130927	1.58E-09	77.31166887
C19orf12	NM_001256047	34.62248123	1.253233855	0.002480994	27.62651289
AIMP2	NM_006303	76.8457827	2.737152016	3.93E-07	28.07508763
ZNF557	NM_001044387	46.02371158	0.949851726	8.53E-05	48.4535747
MID1IP1	NM_001098791	61.719157	14.96259724	0.003447717	4.124895965
CYB5R2	NM_016229	30.82207112	2.433867593	0.00498304	12.66382411
ZDHHC16	NM_198044	63.54434729	5.448633346	0.00011932	11.66243776
ATRIP	NM_001271022	126.2511142	1.939965076	2.58E-14	65.07906549
ZNF552	NM_024762	78.82100253	0.99349529	1.23E-09	79.33706717
ZNF324B	NM_207395	71.14516752	1.524544305	5.09E-08	46.66651359
FXR2	NM_004860	38.91669631	2.163573905	0.001078769	17.98722762
SLC16A13	NM_201566	51.72432676	3.704427981	0.000298768	13.96283772
COMMD5	NM_014066	64.95074739	2.292863142	6.90E-07	28.32735466
MIDN	NM_177401	172.4248553	25.82952414	2.60E-09	6.675494848
MSRB1	NM_016332	55.4497221	2.287003652	1.90E-05	24.24557654
MDH2	NM_001282404	89.23462296	1.052020431	2.65E-10	84.82213873
LENG1	NM_024316	62.63175215	10.50089604	0.000809655	5.964419787
PITPNA-AS1	NR_028514	64.53195721	10.3299972	0.002085251	6.247044987
LIAS	NM_001278591	74.45177268	0.237771013	1.11E-10	313.1238406
SDHAP1	NR_003264	73.53917754	0.368348871	2.62E-10	199.6454539
RHNO1	NM_001257098	81.13999777	1.244306174	1.58E-09	65.20902929
PTPN18	NM_014369	94.86022337	3.311261313	1.22E-08	28.6477612
VAMP1	NM_199245	98.24184329	3.485297762	4.42E-09	28.18750363
LETMD1	NR_045018	88.81583277	1.098948491	5.45E-11	80.81892233
C7orf49	NM_001243751	84.86539312	9.555319858	5.53E-06	8.881481141
TRAF4	NM_004295	114.9248986	6.920971179	9.94E-10	16.60531386
PTPN6	NM_080548	103.5236683	1.625301528	4.56E-12	63.69505379
SNX22	NR_073534	75.02059241	12.00010965	0.000356363	6.25165891
CENPM	NM_024053	42.64209165	0.805246625	5.22E-05	52.95531866
SCAMP4	NM_079834	52.6369219	0.24437715	1.22E-07	215.3921584
RPS16	NM_001020	87.75320809	5.664552252	5.19E-07	15.49164068
SYS1	NM_001099791	67.34475741	0.595653305	1.11E-08	113.0603269
POLD2	NM_001127218	63.05054233	0.688658086	3.94E-08	91.55565525
RETSAT	NM_017750	70.72637734	3.330034639	1.92E-06	21.23893142
ATP5J2	NM_004889	84.02781274	2.269697226	1.01E-08	37.02159557
C2CD2L	NM_001290474	56.01854183	0.140160611	1.08E-08	399.6739279
PTGES3	NM_006601	45.5489186	1.746507154	0.000240883	26.02616986
PDCL	NM_005388	31.73466626	0.522031569	0.001366232	60.79070335
SRSF2	NM_003016	146.0907452	17.90714873	8.85E-09	8.158235986
IPO4	NM_024658	66.92596722	5.719780517	4.81E-05	11.70079289
GTF3A	NM_002097	51.2305218	0.655811791	2.94E-06	78.11771994
SH3GL1	NM_003025	62.63175215	4.199737795	5.86E-05	14.91325297
POLDIP3	NR_103820	72.6265824	1.378490475	3.04E-07	52.68558885
NIPSNAP1	NM_003634	25.54024613	0.287681114	0.001954384	88.77971093
RPL14	NM_003973	91.13482802	2.371719986	8.37E-10	38.42562721
PPAPDC1B	NM_032483	105.4238733	2.740943285	4.64E-11	38.46262487
MRPS16	NM_016065	101.1296583	5.03301911	1.01E-08	20.09323948
PDE12	NM_177966	72.55156763	2.456463169	1.40E-07	29.53497066
ERVK13-1	NR_040023	52.21813171	4.372053621	0.000410379	11.94361649
ESPN	NM_031475	160.0360151	7.59745746	2.75E-13	21.06441739
PHLDA3	NM_012396	52.21813171	3.416022635	0.000235125	15.28623704
SLC39A3	NM_144564	36.94147648	0.279983867	6.09E-05	131.9414469
VASP	NM_003370	71.63897248	3.25114212	3.66E-06	22.03501719
POMGNT1	NM_017739	29.8344612	0.772446933	0.004700193	38.623315
MRPL17	NM_022061	93.52883803	4.012184034	9.95E-09	23.31120338
TMC6	NM_001127198	95.35402832	0.383637556	3.91E-13	248.5523816
PHLDA2	NM_003311	142.4403646	10.05272393	6.44E-09	14.16933018

SERPINE1	NM_000602	43.21091138	0.561986272	5.22E-05	76.88962079
ANGPTL4	NR_104213	158.13581	3.379900004	1.43E-16	46.78712678
EIF2AK1	NM_014413	93.52883803	0.632660744	6.99E-11	147.8341099
YOD1	NM_001276320	27.021661	0.168204353	0.000291283	160.6478102
TCEA2	NM_003195	48.34270683	3.722405621	0.000488542	12.98695299
GRHPR	NM_012203	104.9300684	3.756813723	3.86E-10	27.93060186
CCDC12	NR_102269	50.73671684	0.318207244	1.55E-06	159.4455116
SLC3A2	NM_001012664	87.3344179	4.489583931	1.84E-07	19.45267518
MAVS	NM_001206491	45.94869681	2.879007272	0.000367418	15.95990995
PSMC5	NM_001199163	86.27179322	6.229867322	3.62E-07	13.84809479
MIEN1	NM_032339	70.65136257	13.16696012	0.002623483	5.36580668
TUBA4B	NR_003063	30.32826616	0.35786801	0.000262316	84.74707245
KREMEN2	NM_024507	71.63897248	10.93245059	0.000381842	6.552874114
MED1	NM_004774	45.94869681	0.812083017	2.51E-05	56.58128032
NOM1	NM_138400	50.24291189	2.046219768	6.20E-05	24.5540155
ZNF48	NM_001214907	78.32719757	5.34983845	1.92E-06	14.64103978
RFC4	NM_002916	78.32719757	0.292979405	1.25E-10	267.3471109
RCE1	NM_005133	75.02059241	5.882831432	1.22E-05	12.75246338
B3GAT3	NR_109991	59.74393718	2.944906427	1.03E-05	20.2872107
SIRT3	NM_012239	79.73359767	0.512704501	5.73E-10	155.5156967
ICOSLG	NM_001283052	50.24291189	0.208093501	5.56E-07	241.4439265
RPL19	NM_000981	120.550499	8.304837498	1.66E-09	14.51569631
SNHG20	NR_027058	56.36231725	0.490175864	6.68E-08	114.9838687
METT123	NM_001206983	64.95074739	16.03820149	0.00261016	4.04975255
DAGLB	NM_139179	44.04849175	0.220943062	8.00E-06	199.3658068
WDR6	NM_018031	58.83134203	8.396973593	0.000847595	7.006255454
BLOC1S3	NM_212550	52.21813171	3.096173461	0.000145699	16.86537669
DDB2	NM_001300734	55.03093192	0.550393609	3.66E-07	99.98468554
IER5L	NM_203434	173.2624357	17.91872158	3.18E-11	9.669352523
RBM8A	NM_005105	86.84061295	4.130801332	5.91E-08	21.02270382
CYB561D1	NM_182580	67.83856237	0.181160225	1.09E-10	374.4672007
SNRPD2	NM_177542	47.92391664	6.443223212	0.001520115	7.437879313
KLF6	NM_001160124	51.72432676	3.383740353	0.000206123	15.28613941
GNL3	NM_014366	62.55673738	2.823902587	6.62E-06	22.15258333
MINK1	NM_153827	89.65341315	0.127648333	4.95E-13	702.3469164
EBNA1BP2	NM_001159936	34.62248123	0.165370069	8.81E-05	209.3636502
TXLNA	NM_175852	64.03815225	3.912515594	3.25E-05	16.36751361
CCAR2	NR_033902	52.6369219	1.025009475	1.45E-05	51.35261984
DDIT4	NM_019058	175.087626	5.644821953	3.31E-16	31.01738681
C17orf96	NM_001130677	50.66170207	5.252651125	0.001128888	9.64497753
LOC100652758	NM_001278082	55.4497221	6.731726083	0.002551246	8.237073437
ERF	NM_006494	65.51956712	15.95042754	0.002701648	4.107699745
RDH13	NR_027382	89.23462296	4.812941001	9.70E-08	18.54056032
RPS15	NM_001018	109.2242835	5.892165358	8.90E-09	18.53720607
SMOX	NM_175841	60.23774213	0.254930743	2.91E-08	236.2906158
ALG1	NM_019109	77.83339261	0.397281977	2.22E-10	195.9147332
PHRF1	NM_001286583	52.21813171	2.14801448	9.13E-05	24.3099533
CCDC107	NM_174923	55.37470733	9.608606578	0.003474663	5.763032016
CENPN	NM_018455	62.63175215	1.11058779	5.90E-07	56.39513843
LOC100129518	NR_037166	41.23569155	1.786704927	0.000911282	23.07918388
NDUFAF1	NM_016013	104.3612487	2.973695075	2.20E-10	35.09480495
PDDC1	NM_182612	43.70471634	5.362186048	0.002493357	8.150540832
PTRH2	NM_016077	49.25530197	0.722524228	7.74E-06	68.1711423
MIR22HG	NR_028505	89.72842792	7.372096348	1.42E-06	12.17135855
COPE	NM_199442	79.23979271	0.361410356	1.26E-10	219.2515834
CHRAC1	NM_017444	64.45694244	8.554804925	0.000176415	7.534589391
ASCC2	NM_001242906	85.85300303	0.241371218	6.17E-12	355.6886518
AHNAK2	NM_138420	38.91669631	1.690805357	0.001255524	23.01666253
MAN2C1	NM_001256496	143.3529597	5.271678192	2.85E-13	27.19304072
CEP68	NM_015147	33.63487132	1.846018396	0.004300506	18.22022543
BIRC5	NM_001012271	59.66892241	1.821433386	1.73E-06	32.75932179
D2HGDH	NM_001287249	99.72325817	0.921321513	3.50E-11	108.2393679
RNF181	NM_016494	65.02576216	5.316940498	3.19E-05	12.22992098
PRR13	NM_018457	66.43216226	5.861297751	8.28E-05	11.33403643
ZNF428	NM_182498	61.07532251	3.486574956	3.73E-05	17.51728366

P4HB	NM_000918	116.256284	6.150182825	8.37E-10	18.90289887
TMEM126A	NM_032273	46.93630673	0.610586022	1.10E-05	76.87091588
HES2	NM_019089	78.32719757	1.499725989	2.26E-08	52.22767234
SRSF7	NM_001031684	125.3385191	5.24969623	2.65E-11	23.87538508
HDAC11	NM_001136041	29.90947597	0.083072704	0.000173336	360.0397536
NDUFS3	NM_004551	78.74598776	1.97366118	3.89E-09	39.89843269
EPHX1	NM_001136018	34.12867628	0.94693799	0.000490296	36.04108891
GPX1	NM_201397	82.54639787	13.98214972	0.000781483	5.90369861
PMS2P1	NR_003613	134.4207542	0.816749525	5.84E-18	164.5801437
FIBP	NM_004214	80.22740263	0.914669546	2.28E-10	87.7118988
RAN	NM_001300796	57.00615174	1.930515853	6.54E-06	29.52897365
GRN	NM_002087	47.84890187	4.497970342	0.000488542	10.63788737
DYNLT1	NM_006519	69.73876742	0.514223512	1.66E-09	135.6195619
JMJD6	NM_015167	55.03093192	1.514240106	3.49E-06	36.34227604
CBLC	NM_001130852	61.98791765	0.167307235	9.55E-10	370.5035092
IL17RA	NM_001289905	58.33753707	0.99311817	7.95E-06	58.74178807
YIF1A	NM_020470	37.92908639	2.809295356	0.00302415	13.50128113
TMEM134	NR_073410	90.64102306	19.61305164	0.000297018	4.621464559
DPP9	NM_139159	44.54229671	0.49232468	1.47E-05	90.47341838
DUSP1	NM_004417	151.9413899	6.201953076	1.32E-13	24.49895831
AGTRAP	NM_001040195	45.52990662	1.95201413	0.000160612	23.32457841
SNF8	NM_007241	105.3488586	5.785826918	8.01E-09	18.20809023
COX7C	NM_001867	78.32719757	1.187971561	1.28E-08	65.93356283
USP20	NM_006676	37.92908639	0.052455263	6.06E-06	723.0749499
SLC50A1	NM_001122837	127.6575143	16.59125616	9.24E-08	7.694264564
CILP2	NM_153221	54.11833677	2.655062527	5.97E-05	20.38307431
CDC42EP4	NM_012121	148.1409798	2.378062029	5.21E-16	62.29483417
UPF1	NM_002911	97.32924815	1.284979112	2.95E-10	75.7438368
HEXDC	NM_173620	99.22945321	0.850379272	6.49E-12	116.6884665
COX7A2	NR_029466	65.51956712	2.992559634	1.78E-06	21.89415588
DNASE2	NM_001375	48.83651178	3.88076774	0.000309389	15.58423978
SRSF5	NM_001039465	149.9661701	9.986510614	1.22E-11	15.01687385
DVL2	NM_004422	86.84061295	2.708734391	1.03E-08	32.05947886
ITPRIPL2	NM_001034841	38.42289135	1.809799061	0.000718549	21.23047369
GSTT2	NM_000854	111.0494737	7.663898274	7.48E-09	14.48994621
C1orf53	NM_001024594	54.043322	4.73209489	0.000258237	11.42059136
STYXL1	NM_016086	85.43421284	0.372622934	3.35E-11	229.277924
PNN	NM_002687	84.94040789	2.855505728	8.00E-09	29.74618719
DNAJC9-AS1	NR_038373	78.82100253	0.970098494	1.02E-08	81.2505153
GATSL3	NM_001037666	36.94147648	0.946500936	0.000153702	39.02951923
RPS24	NM_001142284	70.65136257	1.156483944	3.62E-08	61.09152048
MED22	NM_181491	30.82207112	1.852967445	0.003598386	16.63389781
IER5	NM_016545	89.72842792	19.85897519	0.000925177	4.51828088
ABHD14A	NM_015407	76.42699251	2.322180915	2.85E-08	32.91173053
TRAPPC2L	NM_016209	73.53917754	0.328086882	1.11E-10	224.1454368
TADA3	NM_006354	31.2408613	0.64187907	0.002277106	48.67094563
SESN2	NM_031459	125.3385191	0.353278245	9.84E-18	354.7869723
PKMYT1	NM_182687	56.43733202	12.50956642	0.004669067	4.511533822
RAB30-AS1	NR_038903	65.93835731	4.734669607	4.60E-05	13.9267072
NR2C2AP	NM_176880	37.92908639	1.843904444	0.002272915	20.5699848
ATXN2L	NM_145714	49.8241217	1.680999883	5.78E-05	29.63957476
LINC00493	NR_015432	60.65653232	3.751423676	2.75E-05	16.1689368
PRRT3-AS1	NR_046734	30.32826616	0.707307412	0.001366232	42.87847922
MRPL38	NM_032478	58.33753707	6.212845942	0.000272689	9.389825149
LTBR	NM_002342	32.72227618	0.339125725	0.000495967	96.49010324
RPL12	NM_000976	169.4620256	25.63092061	7.80E-09	6.611624615
RAB35	NM_006861	26.52785604	0.220254425	0.001254282	120.4418756
CYB561	NM_001017916	36.94147648	1.136870652	0.000835115	32.49400133
MRPL11	NM_016050	43.62970157	3.080335425	0.000559153	14.16394501
HNRNPK	NM_031262	64.53195721	0.792292185	5.67E-08	81.44969553
LEMD2	NM_181336	80.22740263	0.785121906	1.27E-09	102.1846442
RPL27A	NM_000990	119.6379039	20.25958264	2.40E-06	5.905250174
TSC2	NM_001114382	61.64414223	0.125553026	1.66E-09	490.9809351
TRIM65	NM_173547	93.94762822	3.566536279	8.93E-09	26.34141948
POLR1E	NM_022490	76.8457827	0.167123751	3.03E-11	459.8136535

FTH1	NM_002032	103.9861748	8.371726311	6.92E-08	12.42111495
MTCH1	NM_014341	84.94040789	3.015074039	8.49E-08	28.17191445
TMEM14C	NM_016462	48.34270683	2.507015953	0.00026062	19.28296738
NOC2L	NM_015658	46.93630673	1.746070743	0.000148013	26.88110256
MRPL20	NM_017971	83.95279797	8.891171509	1.08E-05	9.442265048
CHAMP1	NM_001164145	123.438314	0.150576864	1.04E-19	819.7694576
PTMS	NM_002824	83.60902256	5.524321183	7.04E-07	15.13471425
EMC9	NM_016049	148.1409798	10.22763562	3.44E-11	14.48438185
FAM212B	NM_019099	115.268674	2.522685158	1.79E-11	45.69284982
MRPL24	NM_145729	34.62248123	0.713532668	0.000283444	48.52262946
SLC2A6	NM_001145099	56.43733202	2.556768589	2.52E-05	22.07369578
CDK9	NM_001261	55.52473687	1.494065554	7.70E-06	37.16352118
DHPS	NM_001930	74.0329825	5.373921321	2.94E-06	13.77634284
IVD	NM_002225	33.63487132	3.107575422	0.004034504	10.82350925
INTS6	NM_001039938	100.7108681	13.69046439	7.04E-06	7.356278442
CDCA5	NM_080668	71.63897248	3.932301585	3.76E-06	18.21807685
NUDT18	NM_024815	66.92596722	3.508733342	6.40E-06	19.07411043
DNMT1	NM_001379	49.33031674	1.987661957	0.000228675	24.81826277
POLR2H	NM_001278715	57.84373212	5.294708787	0.000188104	10.92481843
ATP5J2-PTCD1	NM_001198879	84.02781274	3.500049778	1.09E-07	24.00760505
ACTB	NM_001101	144.7593598	13.13889264	2.59E-10	11.01762255
CYBA	NM_000101	110.1368786	11.63104074	2.03E-07	9.469219571
FUT8-AS1	NR_024334	70.23257238	8.781391938	0.00019648	7.997886084
RPL3	NM_001033853	162.3550103	12.99108594	4.13E-12	12.49741639
RPL4	NM_000968	129.9765096	3.247778604	2.07E-13	40.02012619
MOGS	NM_001146158	77.33958766	9.462908185	3.06E-05	8.172919587
C20orf24	NM_018840	63.05054233	2.943692726	4.51E-06	21.41885999
TIRAP	NM_001039661	32.72227618	1.126452482	0.003598386	29.04896273
STARD3	NM_006804	98.16682853	0.209867285	1.32E-13	467.7566993
FAM86HP	NR_024252	56.93113697	1.398566249	3.60E-06	40.70678597
CTSV	NM_001333	77.33958766	0.988495778	7.93E-10	78.23967425
SEMA4B	NM_198925	92.61624289	0.780334342	1.48E-10	118.6878981
FAM86A	NM_201598	66.01337208	1.933707904	5.61E-07	34.13823357
NACA	NR_045277	75.4393826	0.190798365	3.53E-11	395.3879929
CECR5	NM_033070	38.34787658	0.323376998	3.75E-05	118.5856656
ENO1	NM_001428	43.5546868	6.385888502	0.003405952	6.820458388
ZCCHC3	NM_033089	63.54434729	10.26251226	0.001236689	6.191890023
NMT1	NM_021079	95.92284805	0.629609779	4.25E-12	152.352856
TIGD1	NM_145702	114.4310937	1.958462154	1.53E-12	58.42905538
ABCB8	NM_001282293	53.54951704	1.255357054	1.24E-05	42.6568018
SSH3	NM_017857	32.72227618	0.915439121	0.002277106	35.74489599
PTTG1IP	NM_004339	36.52268629	1.682376682	0.001880619	21.70898271
SMIM7	NM_001300925	53.62453181	1.98881801	3.42E-05	26.96301599
STK4-AS1	NR_038341	52.6369219	3.034446146	9.24E-05	17.34646765
POLR2J2	NM_032959	31.80968103	0.220024623	0.000305449	144.5732783
BAIAP2	NM_006340	171.4372454	4.726576207	4.32E-15	36.27091533
TMBIM1	NM_022152	60.65653232	1.471685006	3.02E-06	41.21570313
CS	NM_004077	50.24291189	0.685009195	1.89E-06	73.34633207
PITRM1	NM_001242307	132.5205491	0.521444971	1.01E-16	254.1410051
NDNL2	NM_138704	89.72842792	9.439108704	1.41E-05	9.506027606
GANAB	NM_198335	65.93835731	1.227251251	6.02E-07	53.72849059
PIGY	NM_001042616	97.25423338	1.108168528	5.16E-11	87.76123028
DDX11	NM_152438	48.26769206	0.283972201	1.16E-06	169.9733
RMDN3	NM_018145	26.03405109	0.352034655	0.001732498	73.95309169
EEF2	NM_001961	116.6000594	8.622170763	2.33E-09	13.52328347
PSMC3	NM_002804	84.94040789	3.24761514	1.03E-08	26.15470252
C1orf123	NM_017887	107.7428686	3.338779679	4.37E-11	32.27013429
AHNAK	NM_001620	54.043322	0.443347546	4.31E-07	121.8983222
C22orf29	NM_024627	121.5381089	10.85750981	4.02E-09	11.19392117
UBIAD1	NM_013319	80.72120758	0.099009404	1.12E-12	815.2882881
C14orf119	NM_017924	74.52678745	2.061097837	1.65E-07	36.15878204
SF3B4	NM_005850	91.62863298	4.325904122	3.78E-08	21.18138322
QPCTL	NM_017659	38.84168154	2.124479876	0.000619057	18.28291337
SYVN1	NM_172230	63.96313748	12.93130066	0.001591795	4.946380812
MYO18A	NM_203318	37.01649125	2.489740531	0.003277181	14.86761001

STRA13	NM_001271007	89.23462296	12.06726114	1.04E-05	7.394770192
RPS7	NM_001011	73.04537258	1.572990517	1.34E-08	46.43726189
XRCC6	NM_001288978	36.02888133	0.816573237	0.00023846	44.12204527
ZC3H10	NM_032786	85.9280178	5.678242035	2.56E-07	15.13285578
LOXL1	NM_005576	50.73671684	0.990845428	2.94E-05	51.20548108
SURF6	NM_006753	73.12038735	1.381410433	9.12E-09	52.93168894
C8orf33	NM_023080	65.51956712	1.100503721	2.66E-07	59.53597961
ATP6V0C	NM_001694	81.21501254	6.151893434	3.95E-06	13.20162864
NLRX1	NM_024618	78.2521828	1.099546972	4.95E-09	71.16765796
FADS3	NM_021727	45.52990662	0.158745868	3.98E-07	286.810027
TMEM256	NM_152766	90.64102306	18.53320534	0.000993876	4.890736458
GAS2L1	NM_152236	61.719157	1.739667549	1.07E-06	35.47755837
RPL36A-HNRNPH2	NM_001199974	44.61731148	2.627186367	0.00030548	16.98292593
CD68	NM_001040059	99.72325817	23.11107499	0.000354603	4.314955414
LOC646903	NR_036538	49.8241217	1.864111111	5.48E-05	26.72808579
DMAP1	NM_001034024	56.43733202	1.961879924	1.29E-05	28.76696546
CDC20	NM_001255	133.4331443	12.1397945	2.36E-09	10.9913841
CTC1	NR_046431	49.8241217	1.25803152	7.76E-05	39.60482778
PSKH1	NM_006742	55.03093192	0.453160225	5.62E-07	121.4381335
CCT4	NM_006430	81.13999777	0.491597794	4.12E-10	165.0536247
PPIL2	NM_014337	77.83339261	1.658796454	9.33E-08	46.92160536
SLC7A6	NM_003983	71.14516752	0.239178344	3.81E-10	297.4565603
ZNF296	NM_145288	88.740818	8.363949355	2.06E-06	10.60991814
PLEKHO2	NM_001195059	73.04537258	1.040266345	5.14E-08	70.21795228
ZNF575	NM_174945	80.72120758	6.953749261	2.96E-06	11.60830001
ATP5E	NM_006886	71.14516752	1.660970201	1.02E-07	42.83350024
MAD2L1BP	NM_001003690	37.43528144	1.016563483	0.000591444	36.82532578
TMEM41A	NM_080652	106.6802439	0.624343169	6.56E-14	170.8679604
C18orf32	NM_001035005	69.73876742	0.735278615	1.49E-08	94.84672342
NDUFS7	NM_024407	96.83544319	3.854474878	2.33E-09	25.12286271
C12orf57	NM_138425	152.853985	29.86088179	1.66E-06	5.118870437
INTS5	NM_030628	125.6822945	8.335714066	3.60E-10	15.07756786
HSP90AA1	NM_001017963	72.6265824	1.847482521	1.04E-06	39.31110663
RHOG	NM_001665	54.61214173	1.768538578	1.24E-05	30.87981365
C19orf52	NM_138358	62.63175215	3.6945513	4.86E-05	16.95246515
CCDC124	NM_001136203	83.04020283	0.267770578	3.25E-12	310.116979
POLM	NM_001284330	82.12760769	5.134658629	8.53E-07	15.99475518
C17orf70	NR_033338	104.3612487	0.06606028	2.83E-17	1579.788155
MYC	NM_002467	92.54122812	11.19696441	7.74E-06	8.264849714
NFKBIE	NM_004556	40.74188659	2.864187502	0.002493357	14.2245878
NASP	NM_002482	124.8447141	0.536215653	9.79E-16	232.8255681
SPG7	NM_003119	121.044304	0.919301692	3.91E-13	131.6698371
DHDH	NM_014475	113.0246936	0.979267116	4.25E-14	115.417634
MCM4	NM_005914	41.72949651	1.243418614	0.000264422	33.56029582
BTG1	NM_001731	116.3312987	0.343434827	1.84E-16	338.728893
GAS6-AS1	NR_044995	63.1255571	5.824775919	5.69E-05	10.83742241
TIGD3	NM_145719	76.92079747	7.364787286	2.22E-05	10.44440178
LLGL2	NM_001015002	113.0246936	1.575377693	5.61E-12	71.74450551
LOC100272217	NR_027440	66.43216226	2.893641476	2.14E-06	22.9579797
PRKRIP1	NM_024653	59.32514699	0.615983428	1.17E-07	96.30964776
C11orf31	NM_170746	95.42904309	10.18630768	3.00E-06	9.368364486
RPS15A	NM_001019	92.96001831	2.267153628	1.83E-10	41.00296388
TRIM47	NM_033452	84.02781274	11.65655927	3.90E-05	7.208629131
CAMK1	NM_003656	57.42494193	2.724069276	9.57E-06	21.08057326
C2orf42	NM_017880	88.32202782	1.031552729	2.51E-09	85.62046839
C21orf2	NM_001271441	40.74188659	3.695108324	0.003881249	11.02589776
RHBDD2	NM_001040457	129.6327341	2.388392164	1.39E-14	54.27615116
UBE2L3	NR_046082	63.1255571	0.08737819	1.66E-09	722.4406589
RPL36A	NM_021029	44.61731148	4.920199298	0.002477479	9.068191912
C9orf114	NM_016390	66.35714749	5.172313413	5.19E-05	12.82929749
ALAD	NM_000031	57.42494193	0.523230557	5.74E-07	109.7507421
PIGO	NM_032634	51.72432676	0.965246243	2.94E-06	53.5866647
SAP30BP	NM_013260	56.43733202	0.191279414	4.57E-08	295.0517823
MCL1	NM_182763	73.53917754	4.897887364	1.60E-06	15.01446891
CHERP	NM_006387	50.16789712	1.810197191	5.82E-05	27.71405091

SNRPA	NM_004596	40.24808164	2.785907275	0.000927118	14.44702844
C11orf71	NM_019021	65.93835731	1.264119539	7.28E-08	52.16148892
PLEK2	NM_016445	36.02888133	0.718400147	0.000130614	50.15155064
FAM189B	NM_198264	30.82207112	0.979784663	0.002277106	31.45800528
KBTBD4	NR_024222	78.32719757	0.456134888	3.08E-10	171.7193744
SETD6	NM_001160305	75.93318755	14.95797159	0.000570678	5.076436138
PIDD1	NM_145887	39.33548649	2.723006674	0.001920241	14.44560782
AFG3L2	NM_006796	89.23462296	0.25218952	2.33E-12	353.8395364
SPAG5-AS1	NR_040012	129.1389292	3.172113475	9.74E-13	40.71069027
KLF10	NM_005655	70.50133303	5.370762046	8.03E-06	13.12687705
SLC52A2	NM_001253816	126.7449192	9.111806497	9.93E-10	13.90996607
HSBP1	NM_001537	47.35509691	1.559077522	4.90E-05	30.37379236
MRPS25	NM_022497	118.156489	0.368660757	6.28E-17	320.501943
UBE2M	NM_003969	38.76666677	1.374339541	0.000320077	28.20748849
TOMM22	NM_020243	68.33236732	3.575096351	3.50E-06	19.11343377
NEDD8-MDP1	NM_001199823	75.4393826	1.063156193	2.02E-08	70.95794871
HNRNPUL2-BSCL2	NR_037946	63.05054233	3.07341069	8.12E-06	20.51484448
NOSIP	NM_001270960	159.4671953	1.040852285	5.40E-20	153.2082867
ZNF205	NM_001042428	61.22535205	0.421819818	2.19E-08	145.1457456
BRAT1	NM_152743	36.52268629	1.185222611	0.001159883	30.81504349
BLVRB	NM_000713	76.8457827	1.939891182	3.88E-08	39.61345018
PSMD13	NM_175932	64.95074739	0.280832693	4.94E-09	231.2791527
PPP1CC	NM_001244974	93.52883803	0.405112596	1.85E-12	230.871217
NOB1	NR_074074	77.33958766	1.334931944	6.00E-09	57.93522884
ELAC2	NM_173717	68.75115751	0.460763223	2.43E-09	149.2114692
TRPM4	NM_001195227	85.01542266	0.015573024	4.97E-15	5459.146661
RPLP2	NM_001004	90.14721811	12.20905259	7.55E-06	7.383637467
RABIF	NM_002871	84.94040789	1.564711743	3.77E-10	54.28501978
MCAT	NM_173467	95.42904309	0.311349554	3.78E-14	306.5012999
RPL36AL	NM_001001	107.7428686	8.066384658	7.85E-08	13.35702091
TUBA4A	NM_006000	106.7552587	14.87437409	3.36E-06	7.17712611
FDPS	NM_001135822	43.13589661	2.180007055	0.00030195	19.7870445
RABGGTB	NR_073562	88.740818	4.093727932	8.38E-08	21.67726324
PCK2	NM_001291556	72.6265824	2.764147667	8.43E-07	26.27449439
TAF12	NM_005644	138.2211643	0.564963208	4.60E-17	244.6551605
RPS3	NM_001260506	147.6471748	3.656354648	3.48E-15	40.3809775
ARL6IP1	NM_015161	117.2438939	0.095589285	2.24E-19	1226.538038
TMEM256-PLSCR3	NR_037719	90.64102306	12.6273692	9.68E-06	7.178139931
RIC8A	NM_021932	60.23774213	10.48472681	0.000897501	5.745284853
CTU1	NM_145232	35.53507638	0.395431107	0.000404795	89.86414009
SLC25A21-AS1	NR_033240	66.92596722	13.11150034	0.002761164	5.10437139
TMEM249	NM_001252404	80.22740263	4.006425632	2.10E-06	20.02468285
FLJ31104	NR_102755	80.22740263	1.086909789	2.71E-09	73.81238391
ALAS1	NM_000688	134.3457394	0.47996631	3.26E-19	279.906603
HOXB6	NM_018952	38.42289135	2.672283943	0.001306691	14.37829668
ARF4	NM_001660	97.17921861	0.142567249	3.05E-14	681.6377474
VHL	NM_000551	83.04020283	1.378257196	7.75E-10	60.25015002
RFC5	NM_001206801	39.82929145	0.140711225	1.95E-06	283.0569582
NELFB	NM_015456	60.23774213	3.573948974	5.75E-05	16.85467324
MSTO2P	NR_024117	110.4056392	11.67908978	2.21E-07	9.453274298
COQ10A	NM_144576	101.5484485	5.195290873	6.48E-09	19.54624889
WBSCR22	NM_001202560	80.22740263	1.096527887	1.95E-09	73.16494505
LSM10	NM_032881	95.84783328	1.468119557	1.26E-11	65.28612251
MRM1	NM_024864	67.7635476	3.76504853	1.88E-06	17.99805422
CDH24	NM_022478	56.43733202	1.035065907	1.18E-06	54.52535114
BET1L	NM_016526	78.32719757	8.226671745	2.65E-05	9.521128349
CDK5RAP3	NM_001278216	30.74705635	0.666074667	0.001991318	46.16157596
CEBPZOS	NR_037880	71.07015275	1.396116842	8.89E-08	50.90559087
CHCHD5	NM_032309	38.91669631	3.993722353	0.00204743	9.744467158
ZFP41	NM_001271156	71.71398725	5.063228217	6.57E-06	14.16368849
EIF4A3	NM_014740	204.0845068	1.752577236	2.86E-25	116.4482242
CSPG4	NM_001897	48.34270683	0.463625492	4.07E-06	104.2710283
SLC10A3	NM_001142391	111.6182935	5.970158306	1.56E-09	18.69603581
CD99	NM_002414	29.41567102	0.489386167	0.001906718	60.10727933
NISCH	NM_007184	43.70471634	0.686419645	3.72E-05	63.67055002

TMEM198B	NR_036477	56.93113697	7.491383003	0.00110666	7.599549636
ZNF687	NM_020832	53.62453181	4.297987026	0.00014062	12.47666209
SELK	NM_021237	57.91874689	2.420959377	1.67E-05	23.92388217
ATF4	NM_182810	150.95378	34.49585918	7.03E-06	4.375997106
BUD31	NM_003910	106.7552587	6.273492288	4.54E-09	17.01687892
COA4	NM_016565	68.82617228	1.277534638	2.69E-08	53.87421228
SRRT	NM_015908	73.12038735	4.222632877	1.55E-06	17.31630229
REEP4	NM_025232	62.13794719	6.918444144	0.000140753	8.981491489
SH2D3A	NM_005490	64.53195721	2.019687634	7.38E-07	31.95145434
KCTD13	NM_178863	39.75427668	2.881696267	0.001133804	13.79544303
MED26	NM_004831	53.13072686	0.305095511	5.62E-07	174.1445708
TBCB	NM_001281	29.41567102	0.280717961	0.000265346	104.7872779
RPL38	NM_001035258	75.85817278	7.613487014	1.13E-05	9.963656948
COPS6	NM_006833	68.33236732	7.034393157	8.38E-05	9.714038695
ATG16L2	NM_033388	82.54639787	4.184226701	2.19E-07	19.72799367
TRMT12	NM_017956	35.04127142	0.570306057	0.000495967	61.44292353
RRP7A	NM_015703	59.74393718	7.569855315	0.000296964	7.892348624
SQSTM1	NM_003900	142.78414	8.538816486	2.28E-11	16.72177172
NT5C	NM_001252377	91.55361821	22.64564048	0.001393868	4.042880496
VCP	NM_007126	80.64619281	1.999604491	1.55E-08	40.33107206
RUVBL2	NM_006666	40.32309641	1.425757018	0.000774874	28.28188528
EIF4A2	NM_001967	136.2459445	11.26879527	2.49E-10	12.09055104
GAPDH	NM_001289745	151.9413899	36.20910749	3.49E-06	4.196220244
NPLOC4	NM_017921	127.7325291	0.101403079	1.09E-19	1259.651384
NDOR1	NM_001144026	73.53917754	4.376770671	1.68E-06	16.80215462
PPP2R5D	NM_001270476	68.82617228	1.731692577	7.73E-07	39.74502935
UQCRC1	NM_003365	77.83339261	1.137970115	2.00E-09	68.39669299
EFNA3	NM_004952	89.72842792	10.9778995	8.94E-06	8.173551594
CRAT	NM_001257363	42.1482867	0.245985802	1.93E-06	171.3443882
ECSIT	NM_001142464	27.44045119	0.026009895	9.13E-05	1055.000456
BAG3	NM_004281	101.5484485	0.98905956	7.48E-12	102.6717222
CBY1	NM_015373	51.2305218	1.517179133	3.11E-05	33.7669565
GMPPA	NM_013335	59.25013222	0.393622034	2.19E-08	150.5254462
C4orf3	NM_001001701	33.21608113	0.735294778	0.000283444	45.1738298
C5orf45	NM_001017987	101.4734337	4.077651567	2.71E-09	24.88526349
BCAT2	NM_001190	109.6430736	2.591668285	7.61E-11	42.30598271
DGCR6L	NM_033257	101.6234632	2.113453706	2.68E-11	48.08407345
SLC35E2	NM_182838	37.36026667	1.741199067	0.001625779	21.45663145
BANF1	NM_003860	98.73564825	16.83330135	5.16E-05	5.8654952
TRA2A	NM_001282758	114.3560789	0.588416945	2.06E-14	194.3453189
LDLR	NM_001195799	39.82929145	1.956011592	0.001373141	20.36250277
ZFAS1	NR_036659	121.9568991	12.61807085	3.56E-08	9.665257121
LINC00659	NR_046224	80.22740263	8.927033703	1.68E-05	8.987016886
FASTK	NM_001258461	81.13999777	9.928734716	1.62E-05	8.172239474
MTFP1	NM_016498	33.70988609	2.173048095	0.00377678	15.51271975
PRR23D1	NM_001282479	27.93425614	0.220512206	0.000779209	126.6789567
WDR24	NM_032259	86.34680799	6.232892579	7.77E-07	13.85340865
ELL3	NM_025165	65.51956712	15.123885	0.004484833	4.332191572
IRF5	NM_001242452	45.03610167	2.176979297	0.000148013	20.68742763
RHOB	NM_004040	116.256284	12.22738278	1.97E-07	9.507863298
ITPR3	NM_002224	29.41567102	0.449796739	0.002278863	65.39769743
HINT1	NM_005340	113.9372887	0.593889219	1.84E-16	191.8493973
RABEP2	NM_024816	29.41567102	0.576876109	0.001133804	50.99131436
E2F4	NM_001950	67.34475741	3.474670049	1.21E-06	19.38162659
LDB1	NM_001113407	47.43011168	3.806666572	0.00064253	12.45974944
LOC100507501	NR_039999	124.8447141	2.986434067	3.24E-13	41.80394119
POLR2D	NM_004805	116.7500889	1.294437456	7.11E-14	90.19368871
ZNF335	NM_022095	62.63175215	3.310918674	5.96E-06	18.91672926
EID2	NM_153232	81.13999777	2.841445259	1.40E-06	28.55588983
ESRRA	NM_001282450	41.72949651	5.370902923	0.002543845	7.769549572
TMEM52	NM_178545	74.94557764	6.260854336	3.06E-05	11.97050332
TNFRSF12A	NM_016639	177.6316655	36.343602	2.52E-07	4.887563582
HNRNPF	NM_001098207	43.13589661	2.54185446	0.000348152	16.97024644
TSTD1	NM_001113205	65.44455235	10.01533046	0.001182593	6.534437639
CHKB-CPT1B	NR_027928	43.62970157	2.717666403	0.000441324	16.05410492

RPP38	NM_006414	105.8426635	7.696937145	1.34E-08	13.75127035
ILF3-AS1	NR_024333	71.71398725	3.595042817	2.19E-06	19.94802034
CDC42EP1	NM_152243	34.12867628	2.84817613	0.002810025	11.98264248
POLR1C	NM_203290	75.4393826	6.972515533	1.03E-05	10.81953597
EDC4	NM_014329	84.94040789	1.244485358	1.92E-10	68.25344094
PSME3	NM_005789	75.4393826	2.331909596	2.92E-07	32.35090362
PMAIP1	NM_021127	99.72325817	5.543414238	2.05E-08	17.9895014
HSPD1	NM_002156	120.1317088	3.409014031	3.78E-12	35.23942928
PTGES2-AS1	NR_024425	80.72120758	1.128405096	9.63E-09	71.53566378
HMGCL	NM_000191	85.9280178	0.195913521	4.96E-12	438.6017729
PIM2	NM_006875	56.93113697	2.193149472	9.53E-06	25.95862148
ACTG1	NM_001614	190.8580862	32.64909619	2.71E-09	5.845738733
PNRC1	NM_006813	93.52883803	7.545838509	2.81E-07	12.39475744
UBA1	NM_003334	58.9063568	2.362742983	7.55E-06	24.93134346
NCDN	NM_014284	88.740818	2.637767452	3.86E-09	33.64239631
MTA2	NM_004739	53.13072686	0.277361365	9.21E-08	191.5577785
NDST2	NM_003635	135.7521395	2.132010633	4.86E-16	63.67329384
LGALS1	NM_002305	95.35402832	14.08775537	1.20E-05	6.768574968
NOP9	NM_174913	36.94147648	0.843192689	0.000393885	43.81142884
ECI1	NM_001178029	52.14311694	3.766175253	0.000298923	13.84511167
SIRT7	NM_016538	71.14516752	5.243487307	5.88E-06	13.56829212
PABPC1	NM_002568	120.0566941	2.046870619	2.20E-13	58.6537776
USP3-AS1	NR_034080	86.91562772	1.519306537	5.45E-10	57.20743354
KRTCAP3	NM_173853	53.62453181	9.885714146	0.004717712	5.424446936
NCBP2-AS2	NR_024388	51.2305218	2.478755018	0.000308199	20.66784391
RPUSD1	NM_058192	70.72637734	6.205026571	9.00E-06	11.39823924
AMIGO3	NM_198722	73.12038735	12.9789756	0.000432395	5.633756438
TCF25	NM_014972	148.6347847	2.679787857	2.88E-15	55.46513106
DPH2	NM_001384	31.80968103	0.384437943	0.000264898	82.74334422
ZFP36L2	NM_006887	99.22945321	1.622862621	4.44E-12	61.14470316
GPC2	NM_152742	56.51234679	1.02598107	5.74E-07	55.08127631
SDC4	NM_002999	81.7088175	1.568148779	8.70E-09	52.10527127
PPM1F	NM_014634	54.11833677	0.202548081	9.21E-08	267.1876049
RNASEH1-AS1	NR_038429	40.74188659	1.650790623	0.000436662	24.68022657
SREBF1	NM_004176	75.4393826	4.985670317	3.95E-06	15.1312417
NUMA1	NR_104476	60.73154709	0.198589764	7.90E-08	305.8140859
PSMD9	NR_048555	45.03610167	0.260770101	2.44E-06	172.7042385
ZDHHC12	NM_032799	89.65341315	5.687809203	2.34E-07	15.76238055
PHB2	NM_001144831	70.23257238	13.44850124	0.000658421	5.222334527
UQC2	NM_032340	67.34475741	1.669909758	2.27E-07	40.32838127
RANGAP1	NM_002883	68.75115751	0.658215474	2.09E-08	104.4508376
TPT1	NM_001286273	99.15443844	15.05556361	1.09E-05	6.585900138
XRCC3	NM_001100118	65.02576216	9.232464971	0.000440345	7.043163702
C19orf40	NM_152266	29.8344612	0.321693003	0.001384178	92.74202701
RPS5	NM_001009	87.3344179	6.187641749	7.08E-07	14.11433005
PFKL	NM_002626	28.50307587	0.280911398	0.000776927	101.4664269
CCNL1	NM_020307	106.8302734	4.37685646	4.22E-10	24.40799108
RPUSD3	NM_001142547	75.93318755	4.61552269	9.53E-07	16.45169847
HSD17B10	NM_004493	33.21608113	0.529648855	8.81E-05	62.71340117
ANKRD54	NM_138797	73.12038735	2.444464986	7.68E-08	29.91263437
GNB2	NM_005273	38.84168154	4.749542704	0.002791221	8.177983431
STX5	NM_001244666	74.94557764	1.999063388	1.87E-07	37.49034577
PRSS8	NM_002773	37.92908639	3.949342538	0.003985537	9.603898883
AKAP8L	NM_001291478	36.94147648	0.969135447	0.000252808	38.11797061
GTPBP8	NM_138485	97.82305311	1.213723148	2.30E-11	80.59750137
FAM171A2	NM_198475	56.51234679	0.376852758	1.18E-07	149.9586921
TMEM179B	NM_199337	101.0546435	11.6457563	2.74E-06	8.677379203
HSPA5	NM_005347	116.3312987	2.608514603	8.85E-13	44.59675963
MRPL27	NM_016504	81.55878796	3.769639566	7.73E-08	21.63569926
B3GNT3	NM_014256	34.62248123	0.116809828	1.84E-05	296.4004137
ZC3HAV1L	NM_080660	49.8241217	0.734913489	7.74E-06	67.79590041
MAFF	NM_012323	33.63487132	3.148137857	0.003922071	10.68405287
PNMA1	NM_006029	73.46416277	3.885979261	2.52E-06	18.90492919
BCDIN3D	NM_181708	93.52883803	1.751535245	5.96E-11	53.39820496
LINC00941	NR_040245	43.62970157	2.356767917	0.000895718	18.51251507

E4F1	NM_001288776	57.84373212	10.44618537	0.002047936	5.537306689
LINC01273	NR_109943	35.61009115	1.194298149	0.000538187	29.81675152
EPPK1	NM_031308	35.11628619	0.445371527	8.06E-05	78.84717374
LZTS3	NM_001282533	37.01649125	0.480986048	0.000209145	76.95959457
CUL7	NM_014780	118.2315038	2.11989027	3.16E-12	55.77246401
CRK	NM_005206	106.4114833	1.923283891	7.72E-11	55.3280167
TDG	NM_003211	81.63380273	0.026039489	1.64E-14	3135.000203
FAM53C	NM_016605	108.2366735	3.646347223	8.20E-11	29.68358933
FAM46B	NM_052943	91.55361821	6.676918948	4.46E-07	13.71195591
CNP	NM_033133	90.14721811	8.225838637	1.21E-06	10.95903069
PSME2	NM_002818	64.11316702	5.49832195	6.43E-05	11.66049707
RAB3A	NM_002866	71.22018229	1.619037303	8.89E-08	43.9892164
POM121	NM_001257190	43.5546868	0.823476751	7.62E-05	52.89121612
CHTF18	NM_022092	42.22330147	4.451480312	0.002141854	9.485227051
CDC42SE1	NM_020239	56.93113697	2.711291353	3.18E-05	20.99779388
RNPS1	NM_001286627	53.54951704	2.468709084	2.28E-05	21.69130312
INCA1	NM_001167987	34.12867628	0.328392493	0.000283444	103.9264812
PMF1	NM_001199654	40.74188659	0.151644719	5.61E-06	268.6667018
LOC100507419	NR_123723	46.51751654	0.388082763	4.54E-06	119.8649386
VPS9D1	NM_004913	151.3725702	10.53931456	1.61E-11	14.36265796
CSNK1D	NR_110578	79.31480748	4.081070919	1.10E-06	19.43480254
SNRPG	NM_003096	76.35197774	0.222521789	3.03E-11	343.1213555
LAMTOR1	NM_017907	49.33031674	3.650624171	0.000276933	13.5128445
C21orf119	NR_026845	80.22740263	15.84020905	0.003361396	5.064794432
GAS5	NR_002578	158.5546002	7.860471262	1.27E-13	20.17113159
NAPA-AS1	NR_038452	52.71193667	0.832913588	1.14E-05	63.28620089
HAUS8	NM_001011699	36.02888133	0.089230927	6.06E-06	403.7712339
ZFHX2	NM_033400	27.44045119	1.026064048	0.002188157	26.74340967
SRSF6	NR_034009	160.0360151	3.993818495	2.27E-16	40.07092842
TXN	NM_003329	86.42182276	0.727143675	3.83E-11	118.851096
SRSF8	NM_032102	50.81173161	5.75429022	0.000594909	8.830234429
PSPH	NM_004577	83.04020283	0.082990754	1.75E-13	1000.595834
JMJD7-PLA2G4B	NM_001198588	101.0546435	1.382949441	2.14E-11	73.07182784
RBCK1	NM_031229	50.81173161	1.381206131	3.92E-05	36.78794243
TACC3	NM_006342	44.61731148	1.757439557	0.000231857	25.38767909
SNAI2	NM_003068	33.63487132	0.281365786	8.81E-05	119.5414403
IBA57-AS1	NR_103540	57.91874689	2.11583896	2.67E-05	27.37389186
PDXP	NM_020315	42.71710642	0.620708393	2.98E-05	68.81992721
UBALD1	NM_145253	41.72949651	0.204937975	3.11E-06	203.6201267
COX4I1	NM_001861	48.68648224	2.226057621	0.000191558	21.87116892
ALG12	NM_024105	30.25325139	0.87921273	0.003598386	34.40947833
PHLDA1	NM_007350	50.73671684	4.152667233	0.000165164	12.2178624
RELL2	NM_173828	50.73671684	1.783335222	1.94E-05	28.45046529
RPLP0	NM_053275	129.6327341	19.43712418	4.50E-07	6.669337139
SLC16A5	NM_004695	101.5484485	1.493030643	8.79E-12	68.01497943
ZNF394	NM_032164	65.86334254	0.196866779	3.51E-10	334.5579317
TRIP10	NM_001288963	58.41255184	2.997897203	5.86E-05	19.48450794
POMZP3	NM_152992	134.7645296	2.376458042	3.92E-14	56.708146
SYCE2	NM_001105578	43.62970157	2.064000312	0.000468928	21.13841811
FAM161B	NM_152445	39.33548649	0.148720728	3.51E-06	264.4922937
FKBP1A-SDCBP2	NR_037661	62.63175215	0.657967007	3.80E-07	95.18980653
BMP8B	NM_001720	63.61936206	1.468076746	3.11E-06	43.33517457
MIP	NM_021933	63.1255571	1.690953777	8.18E-07	37.33133215
ITPR1-AS1	NR_108075	32.22847122	0.43994587	0.000264898	73.25553754
IFRD2	NM_006764	29.41567102	0.960332292	0.002737739	30.63072154
PTMA	NM_002823	114.9248986	23.18489065	1.28E-05	4.956887672
DPP7	NM_013379	56.01854183	4.779044583	0.000104785	11.72170313
AGAP11	NM_133447	46.51751654	0.100270371	6.63E-07	463.9208576
PMPCA	NM_015160	66.85095245	1.029016439	1.10E-07	64.9658741
SMG8	NM_018149	77.75837784	0.521237528	3.08E-10	149.1803134
ALDH16A1	NM_153329	100.6358533	1.384235835	1.36E-11	72.70137847
GLI4	NM_138465	85.85300303	21.12851334	0.000609574	4.063371694
MST1R	NM_002447	142.0215744	4.01885173	3.43E-14	35.33884402
UQCR10	NM_013387	53.13072686	1.959705091	1.99E-05	27.11159302
MEF2BNC	NM_001145784	47.84890187	4.675323487	0.000832801	10.23435106

TRIM52	NM_032765	90.22223287	2.395497276	8.37E-10	37.66325839
PRELID1	NM_001271828	132.0267442	9.050741361	4.12E-10	14.58739554
ZNF581	NM_016535	55.52473687	7.73350532	0.001354406	7.179763196
LAMTOR4	NM_001008395	51.72432676	6.411026946	0.000857294	8.068025169
TMEM189	NM_001162505	91.62863298	3.518115498	6.40E-08	26.04480525
PAXIP1-AS1	NR_028090	45.52990662	6.347760299	0.003909354	7.172593872
RHOV	NM_133639	72.13277744	4.422301632	4.44E-06	16.31113918
NDUFA7	NM_005001	73.95796773	4.840436983	5.96E-06	15.27919235
RBM4B	NM_001286135	56.93113697	3.522513755	7.74E-05	16.16207655
PNPLA6	NM_001166112	42.22330147	1.682681693	0.0005095	25.09286316
KDM4A-AS1	NR_033827	74.94557764	3.39797822	3.22E-07	22.05593232
PAGR1	NM_024516	62.06293242	11.82977003	0.001358527	5.246334651
EXOSC4	NM_019037	88.66580323	3.334094926	3.78E-08	26.59366491
H2AFZ	NM_002106	111.6182935	12.24820174	7.11E-07	9.113035193
HNRNPA1	NM_002136	124.3509092	9.326494347	6.75E-10	13.33308149
ATG4B	NM_178326	27.36543642	0.634693798	0.001858696	43.1159663
APEH	NM_001640	47.43011168	6.857863903	0.002717413	6.916164035
C16orf71	NM_139170	39.82929145	0.618284584	0.000191558	64.41902721
TMEM115	NM_007024	59.81895195	4.147808924	4.45E-05	14.42181958
EIF4A1	NM_001204510	68.82617228	16.16918413	0.003435344	4.256626168
RPUSD2	NM_152260	58.83134203	1.130101966	8.18E-07	52.05843704
GSG2	NM_031965	55.94352706	3.50913826	0.000105459	15.94224077
SH3D21	NM_001162530	42.22330147	4.301714615	0.002719545	9.815458542
POLR2L	NM_021128	90.22223287	20.08041003	0.000324454	4.49304734
RPS2	NM_002952	186.5638711	41.98322291	2.23E-07	4.443772016
RSAD1	NM_018346	133.2831147	1.011730675	3.12E-17	131.7377421
RRP1	NM_003683	64.03815225	0.067319261	1.09E-09	951.2604789
PEX11G	NM_001270539	59.74393718	1.833613104	2.08E-06	32.58262991
DGCR14	NM_022719	54.043322	0.056942704	2.37E-09	949.0824697
KANSL2	NM_017822	150.0411848	0.272585495	4.02E-22	550.4371573
PIEL	NR_003929	59.81895195	0.386344432	6.76E-08	154.8332189
TRNP1	NM_001013642	125.4135338	17.08130836	1.93E-07	7.34215033
GRPEL2	NM_152407	82.54639787	1.056737813	1.07E-10	78.11435996
CHD4	NM_001273	72.13277744	0.543516939	4.02E-09	132.7148656
DYNLL2	NM_080677	77.41460243	3.114616966	7.98E-08	24.85525613
TOB1	NM_005749	188.9578811	9.723644263	1.12E-15	19.43282539
HTR7P1	NR_002774	141.5277694	7.930536027	2.23E-12	17.84592731
ACTN4	NM_004924	103.5236683	0.300883689	3.61E-13	344.0654051
SMARCD2	NM_001098426	66.85095245	7.385916883	8.05E-05	9.051137931
TMEM145	NM_173633	27.51546596	0.449897745	0.000468867	61.15937731
STOML2	NM_001287033	67.83856237	1.400030628	9.80E-08	48.45505591
COQ4	NM_016035	75.93318755	0.425298632	1.25E-10	178.5408696
AMDHD2	NM_015944	30.40328093	2.200997425	0.00498304	13.8134105
SNHG15	NR_003697	119.0690842	6.883611873	3.53E-10	17.29747208
DNAJC9	NM_015190	95.35402832	3.526350482	6.08E-09	27.04042857
MRPS22	NM_020191	59.25013222	0.46277839	1.08E-07	128.0313288
IRGQ	NM_001007561	36.94147648	1.032242248	0.000655852	35.78760367
COG8	NM_032382	68.82617228	13.1969348	0.000696334	5.215315021
MRPL4	NM_146388	44.04849175	2.570499122	0.001146354	17.13616293
SAFB2	NM_014649	47.92391664	2.359478544	0.000191558	20.31123223
ABCA7	NM_019112	82.05259292	5.632753107	6.44E-07	14.56704943
HECTD3	NM_024602	42.64209165	0.440522618	2.05E-05	96.79886995
SNAI3-AS1	NR_024402	92.12243793	1.207837919	2.79E-11	76.27052973
AMZ2P1	NR_026903	89.57839838	1.222718065	3.04E-10	73.26169534
RWDD2A	NM_033411	70.72637734	1.06543006	1.78E-08	66.38293771
ATPIF1	NM_178190	99.15443844	9.810342306	1.52E-06	10.10713341
ZNF79	NM_001286696	56.36231725	1.128423032	5.15E-06	49.94786145
NDUFB1	NM_004545	65.51956712	0.314847539	9.65E-09	208.0993465
TMED4	NM_182547	87.82822286	9.973380265	1.10E-05	8.806264328
DLL4	NM_019074	112.0370837	1.409591497	2.60E-13	79.48195197
PTRF	NM_012232	100.6358533	1.503788881	3.50E-11	66.92153039
RPL21P28	NR_026911	65.51956712	1.493196475	1.75E-07	43.87873145
PARP2	NM_001042618	238.8570176	0.554199947	2.70E-37	430.994299
ST3GAL4-AS1	NR_033839	46.51751654	0.766587317	3.75E-05	60.68130209
DLG1-AS1	NR_038289	45.03610167	2.603579563	0.000347515	17.29776278

MKNK2	NM_017572	102.1172682	8.600248568	1.42E-07	11.87375776
TJAP1	NM_001146016	63.61936206	1.182450121	2.03E-06	53.80299847
NINJ1	NM_004148	87.82822286	1.436836719	1.83E-10	61.12609853
UNC50	NM_014044	58.33753707	0.673230774	2.97E-07	86.65310523
GCC1	NM_024523	85.35919808	0.884075129	2.69E-11	96.55197305
F2RL1	NM_005242	114.3560789	1.979439404	5.52E-12	57.77195234
TSPYL2	NM_022117	91.13482802	1.365565384	3.44E-11	66.73779892
TPRN	NM_001128228	114.4310937	7.527457502	2.92E-09	15.20182527
OPLAH	NM_017570	74.45177268	0.46559434	1.96E-10	159.9069541
HMG20B	NM_006339	56.01854183	8.392311613	0.001145747	6.674983534
ZBTB3	NM_024784	53.13072686	7.373584444	0.000927665	7.205549385
RARA	NM_001145302	63.1255571	2.303596565	6.83E-06	27.4030436
EZR-AS1	NR_102425	94.44143318	10.8541703	2.29E-06	8.700935271
SERTAD3	NM_203344	61.719157	5.767659557	8.81E-05	10.70090153
POLR2J4	NR_003655	54.043322	1.253688969	5.52E-05	43.10744001
EIF4G2	NM_001418	93.87261345	1.722818346	4.12E-10	54.48781855
GRWD1	NM_031485	34.12867628	1.340728146	0.001364412	25.45532916
SPATA2L	NM_152339	118.650294	21.87172432	4.40E-06	5.424825782
SOCS3	NM_003955	137.6523446	6.293555563	3.99E-12	21.8719519
MRPS17	NM_015969	50.81173161	1.31319589	6.67E-06	38.69318508
GPR3	NM_005281	37.92908639	3.14471869	0.00221307	12.06120169
UQCRH	NM_001297565	59.74393718	0.144719959	9.92E-09	412.8244485
RPL37	NM_000997	102.9548486	1.179706095	3.88E-13	87.27160855
PTCD1	NM_015545	51.15550703	2.789456899	7.81E-05	18.33887702
CCSAP	NM_145257	34.20369105	0.931672705	0.002384783	36.71213172
FGFR3	NM_001163213	81.21501254	3.350841754	3.16E-07	24.23719725
RPS26	NM_001029	101.5484485	18.83768837	4.70E-05	5.390706464
TMEM216	NM_016499	65.93835731	0.23401244	3.51E-10	281.7728721
POP5	NM_015918	66.92596722	8.03770778	0.00031949	8.326499177
RSG1	NM_030907	43.62970157	0.97490207	2.98E-05	44.75290687
NGRN	NR_028052	121.5381089	2.206636885	6.63E-14	55.07843622
GADD45GIP1	NM_052850	94.44143318	9.361594909	2.23E-06	10.08817772
HGS	NM_004712	46.93630673	3.223563409	0.000298999	14.56037955
RPL27	NM_000988	75.4393826	3.917721898	6.90E-07	19.25593101
VKORC1	NM_206824	47.84890187	7.563538268	0.004572364	6.326258977
FZD1	NM_003505	59.25013222	2.52704867	2.64E-06	23.44637557
CENPV	NM_181716	49.33031674	1.965550116	5.13E-05	25.09746068
HMGN2	NM_005517	67.83856237	8.768190519	0.000187918	7.7368942
ACAA1	NM_001130410	36.44767152	0.075159935	2.76E-06	484.9348436
CKAP2	NM_001098525	47.43011168	1.036434369	5.46E-05	45.76277389
ALDH1B1	NM_000692	52.6369219	0.155026427	1.07E-07	339.5351544
EEF1A1	NM_001402	1221.875569	165.0309067	5.88E-68	7.403919624
EFHD2	NM_024329	65.44455235	0.980173832	3.18E-07	66.76831209
MOB3A	NM_130807	73.04537258	2.699873579	2.97E-07	27.05510849
MLST8	NM_001199174	65.51956712	9.495904701	0.000327468	6.89977092
L3MBTL1	NM_032107	62.63175215	0.142744962	1.66E-09	438.7668151
EME1	NM_001166131	88.740818	4.168509332	7.22E-08	21.28838175
SLC9A3R1	NM_004252	193.2520962	7.111093282	8.70E-17	27.17614416
SEC14L2	NM_001291932	77.83339261	4.137909415	1.93E-06	18.80983482
NFE2L3	NM_004289	64.60697198	6.349478377	3.61E-05	10.17516214
RPS29	NM_001032	117.7376988	9.522320131	1.50E-08	12.364392
USF1	NM_007122	57.91874689	1.474366574	7.47E-07	39.28381714
PPP1R37	NM_019121	50.24291189	0.149928718	3.39E-07	335.1119959
MESDC1	NM_022566	73.53917754	7.053253922	1.57E-05	10.42627677
DTYMK	NR_033255	56.43733202	6.907400369	0.000498259	8.170560413
LOC100270746	NR_026776	57.91874689	6.423050028	0.002141854	9.017327692
MRT04	NM_016183	51.2305218	3.662400893	0.000206123	13.9882343
FBXL6	NM_024555	113.4434838	15.58261883	7.32E-07	7.280129545
FAM173A	NM_023933	133.4331443	11.3903252	1.32E-08	11.71460357
WDR62	NM_001083961	31.73466626	0.051170888	9.12E-05	620.1703217
AUP1	NM_181575	51.72432676	3.892484027	0.000204152	13.28825665
ERBB3	NM_001005915	55.10594668	2.322126998	2.25E-05	23.7308066
OAZ2	NM_001301302	90.71603783	2.717943189	9.86E-09	33.37672332
NR4A3	NM_173199	47.43011168	1.14844524	2.74E-05	41.29941076
EFNA4	NM_182690	134.4207542	0.329183356	1.90E-19	408.3461438

TFAP2E	NM_178548	50.31792665	2.252787135	6.46E-05	22.33585494
SOX4	NM_003107	71.22018229	1.346476718	1.56E-08	52.89373471
ELF3	NM_001114309	139.0587447	1.469318917	1.47E-17	94.641635
ESYT1	NM_015292	104.4362634	3.197056818	3.68E-10	32.66637704
DNAJB9	NM_012328	35.46006161	1.82212278	0.001091705	19.46085192
SFN	NM_006142	140.9589497	26.13200211	5.06E-06	5.394112137
CBX2	NM_032647	93.94762822	1.448943531	3.48E-11	64.8387092
VPS28	NM_183057	120.0566941	5.020704825	7.09E-11	23.91231874
CDCA4	NM_017955	103.0298633	3.724118036	4.12E-10	27.66557406
MDP1	NM_001199822	78.32719757	3.273838872	3.59E-07	23.92518405
PDLIM7	NM_213636	129.5577194	10.22709472	2.37E-09	12.66808638
LINC01106	NR_027244	66.92596722	1.277591334	9.06E-08	52.38448748
MYH9	NM_002473	129.6327341	0.499673119	2.94E-15	259.4350768
FTSJ3	NM_017647	129.5577194	15.6539605	3.48E-08	8.276354048
C10orf35	NM_145306	44.12350652	0.463058754	2.09E-05	95.2870584
LOC100129917	NR_036512	92.54122812	9.290441619	6.67E-06	9.960907341
ATP5L	NR_033759	27.93425614	0.775275952	0.004069404	36.03137187
PLK1	NM_005030	70.23257238	1.840413676	6.52E-08	38.16129672
SMPD2	NM_003080	74.94557764	5.430360012	1.06E-05	13.80121713
RPL29	NM_000992	90.14721811	9.643844814	6.33E-06	9.347642963
SNHG5	NR_003038	144.8343746	5.849807456	4.35E-12	24.75882765
KRT19	NM_002276	70.65136257	12.63035251	0.000536416	5.593775988
SLC20A1	NM_005415	141.5277694	0.105627976	1.80E-23	1339.87013
PSMD3	NM_002809	51.64931199	1.425544056	2.77E-05	36.23129833
RPL32	NM_001007073	111.1244885	3.391206579	1.81E-11	32.76842207
HEMK1	NM_016173	50.73671684	1.123054761	1.61E-05	45.17742019
FAM212A	NM_203370	62.21296196	5.435241959	0.000186527	11.44621756
SNAPC5	NM_006049	74.0329825	4.654569926	3.11E-06	15.90543996
TRIM72	NM_001008274	44.61731148	5.103569469	0.001346728	8.742373696
EIF3I	NM_003757	50.73671684	1.241277206	7.31E-06	40.87460609
NPRL2	NM_006545	55.4497221	3.755369227	0.000104806	14.76545148
IL17RB	NM_018725	42.71710642	0.808128538	0.000165645	52.85929704
ID2	NM_002166	152.853985	14.70621683	7.87E-10	10.39383458
PER1	NM_002616	53.05571209	3.567887459	0.000148173	14.8703435
POM121C	NM_001099415	46.93630673	0.127137997	3.04E-06	369.1760752
TFPT	NM_013342	60.73154709	7.970770798	0.00081299	7.619281577
DRAP1	NM_006442	37.51029621	2.141158238	0.003151387	17.5186941
TMEM185B	NM_024121	52.6369219	2.695755953	7.75E-05	19.52584834
SYNE4	NM_001039876	50.24291189	5.663661363	0.000805582	8.871100983
SLC25A39	NM_016016	79.6585829	3.896508312	1.78E-07	20.4435809
TMEM170A	NM_145254	129.6327341	0.16116546	3.78E-20	804.3456346
SLCO4A1	NM_016354	70.72637734	0.9081803	1.16E-07	77.87702216
C12orf10	NM_021640	69.31997724	3.665173114	1.73E-06	18.91315228
FHOD1	NM_013241	78.2521828	6.994662472	1.00E-05	11.1874137
ZBTB2	NM_020861	31.73466626	0.511382143	0.000552411	62.05665705
GPAA1	NM_003801	99.22945321	10.77201605	1.20E-06	9.211781039
GATA2-AS1	NR_125398	52.6369219	2.294530337	3.92E-05	22.94017257
NOL6	NM_022917	64.11316702	1.121274132	3.32E-07	57.17885146
ADPRHL2	NM_017825	103.4486535	5.446906179	3.30E-09	18.99218567
TSPAN31	NM_005981	51.2305218	4.807506859	0.000298768	10.65635958
TMA7	NM_015933	62.06293242	5.136338068	8.00E-05	12.08310894
COX8A	NM_004074	67.83856237	6.936293389	7.38E-05	9.780232548
MED11	NM_001001683	141.0339645	2.664287993	5.20E-14	52.93495479
MARCKSL1	NR_052852	95.0102529	16.16435675	9.30E-05	5.877762684
GDF15	NM_004864	42.49206211	1.10754114	8.06E-05	38.36612526
TCTA	NM_022171	72.13277744	11.18169349	0.000405242	6.450970733
RPS4X	NM_001007	85.9280178	3.268635388	1.22E-08	26.28865187
LRR1	NM_203467	49.74910693	0.314860552	3.54E-07	158.0036196
TP53RK	NM_033550	42.64209165	1.173061381	4.03E-05	36.35111713
CHPF	NM_024536	77.41460243	7.965036061	2.78E-05	9.719303445
TIMM13	NM_012458	45.52990662	4.048179227	0.002141854	11.24700861
CALM1	NM_006888	153.8415949	3.170339165	4.02E-16	48.52527976
TTLL3	NM_001025930	39.82929145	0.526135542	4.01E-05	75.70157936
KLHL11	NM_018143	90.64102306	0.847764765	7.48E-12	106.9176579
KCTD11	NM_001002914	58.83134203	2.005812395	4.49E-06	29.33043099

MED18	NM_017638	39.82929145	0.801233481	7.93E-05	49.70996895
FCHSD1	NM_033449	50.73671684	0.309537612	9.50E-07	163.9113146
RPS9	NM_001013	184.7386808	12.6159702	5.94E-14	14.64324011
ACTR1A	NM_005736	71.56395771	0.591523535	2.12E-08	120.9824351
MYL6	NM_021019	85.9280178	15.47780771	0.000159127	5.551691777
PRPF8	NM_006445	80.07737309	0.144905042	2.44E-12	552.6196479
SLC7A5P2	NR_002594	178.4692459	19.39106578	4.91E-11	9.20368421
PBX4	NR_038198	45.52990662	0.495135186	1.78E-05	91.95449632
CLN8	NM_018941	36.52268629	1.485241631	0.001696594	24.59040033
LOC731157	NR_105024	114.9248986	20.69159288	0.001063886	5.554183251
SELM	NM_080430	94.93523814	17.2697401	5.82E-05	5.497201322
SLC46A1	NM_080669	43.62970157	0.901761212	9.13E-05	48.38276586
GNG13	NM_016541	68.82617228	10.32222712	0.000342071	6.667763793
H2AFX	NM_002105	177.5566508	43.65311504	3.29E-06	4.067445144
PP7080	NR_024158	61.22535205	0.483218876	1.93E-07	126.7031465
FKBP4	NM_002014	96.34163824	3.355638193	1.07E-09	28.71037719
RTCA-AS1	NR_110435	46.02371158	3.501921778	0.002539019	13.14241565
TOB2	NM_016272	185.2324858	7.575825039	1.44E-16	24.45047039
CCNL2	NM_030937	72.13277744	3.047097769	1.92E-06	23.67261667
TEN1-CDK3	NR_037709	58.75632726	1.189522045	3.99E-06	49.39490404
CNNM3	NM_017623	80.72120758	0.668628992	9.94E-10	120.7264545
RPL10A	NM_007104	144.7593598	28.92543903	1.68E-06	5.004569151
DDX56	NM_001257189	70.72637734	5.158198717	1.14E-05	13.71144875
IFI30	NM_006332	90.64102306	0.981335737	2.59E-11	92.36494671
PDP1	NM_001161779	69.81378219	0.108373539	1.09E-10	644.195833
DAPK3	NM_001348	86.84061295	1.424762582	4.50E-10	60.95093602
CLN5	NM_006493	84.5216177	0.302021696	1.12E-12	279.8528016
MRPS7	NM_015971	83.45899302	4.836035471	5.06E-07	17.25772971
CYTH2	NM_004228	54.11833677	8.308470005	0.001093941	6.513634488
YTHDF3-AS1	NR_102684	108.2366735	5.073229514	4.02E-06	21.33486633
LINC00476	NR_023389	96.34163824	7.733132004	2.99E-07	12.4582948
CDC37	NM_007065	81.55878796	0.960386704	2.95E-10	84.92286249
VPS9D1-AS1	NR_036480	112.874664	3.808958344	1.10E-11	29.63399802
PREB	NM_013388	83.04020283	4.440181085	2.33E-07	18.70198563
NUDC	NM_006600	74.0329825	1.344117973	8.18E-08	55.07922962
C3orf38	NM_173824	55.94352706	0.168453649	1.08E-08	332.1004165
MSX1	NM_002448	76.42699251	10.09456377	3.33E-05	7.571104034
C15orf61	NM_001143936	77.75837784	2.245255006	2.26E-08	34.63231465
IFI6	NM_002038	43.13589661	0.57608698	1.29E-05	74.87740236
C5orf24	NM_001135586	153.8415949	0.665558729	5.62E-21	231.1465364
CCNF	NM_001761	69.73876742	3.347385214	1.89E-06	20.83380399
THAP7	NM_030573	92.54122812	18.14010424	0.000200205	5.101471685
BCAM	NM_001013257	56.93113697	2.162337398	6.37E-06	26.32851701
TNFRSF1A	NM_001065	40.81690136	4.57731839	0.004901918	8.917208261
PRR19	NM_199285	51.72432676	0.306939253	5.56E-07	168.5164941
SMG9	NM_019108	55.52473687	0.98099266	1.15E-05	56.600563
JUP	NM_021991	161.8612054	0.840487571	2.62E-20	192.5801297
RPL23	NM_000978	109.2242835	8.965757412	2.62E-08	12.18238219
PEX12	NM_000286	74.0329825	0.474351575	2.57E-09	156.0719652
MPLKIP	NM_138701	83.04020283	0.86883443	1.05E-09	95.5765563
GADD45A	NM_001924	168.1306403	13.09276713	1.42E-12	12.84149016
RND1	NM_014470	100.1420484	0.549714325	2.79E-13	182.1710729
SH2D5	NM_001103160	21.81485078	0.10236929	0.00090997	213.0995616
DNAJA1	NM_001539	133.8519344	0.318960948	1.10E-20	419.6499143
MRPL16	NM_017840	82.96518806	1.955495707	7.31E-09	42.4266787
HYOU1	NM_006389	82.12760769	1.739757857	2.15E-09	47.20634388
TNFSF9	NM_003811	145.671955	4.785223935	2.16E-14	30.4420351
CHD3	NM_005852	23.71505584	0.04614603	0.00090997	513.9132396
HPS6	NM_024747	80.15238786	1.58980802	9.67E-09	50.4163942
C9orf142	NM_183241	66.92596722	2.422501144	1.13E-05	27.62680521
SAT1	NM_002970	121.1193188	3.425997132	5.14E-12	35.35301231
PLEKHN1	NM_001160184	56.8561222	0.593606945	1.97E-07	95.78075645
TPI1P2	NR_002187	63.1255571	1.574500565	1.90E-06	40.09243217
LOC101927415	NR_110049	35.95386656	2.925104266	0.00221307	12.29148204
PSMB4	NM_002796	59.25013222	3.238809421	2.75E-05	18.29380014

GALK1	NM_000154	57.76871735	2.206578549	1.48E-05	26.18022248
RAVER1	NM_133452	36.02888133	3.10485351	0.002177198	11.60405192
PHGDH	NM_006623	39.33548649	0.20514851	1.40E-05	191.741517
LOC389906	NR_034031	77.41460243	0.299121729	3.30E-11	258.8063482
P4HTM	NM_177938	39.82929145	1.887333618	0.000792704	21.10347162
SPINT2	NM_001166103	65.93835731	1.056869555	6.92E-07	62.39025144
NCAPD2	NM_014865	44.54229671	0.113069075	6.63E-07	393.938809
FAU	NM_001997	79.23979271	15.86236913	0.000741399	4.995457618
C9orf40	NM_017998	52.6369219	0.669837091	9.50E-07	78.58167692
RAB1B	NM_030981	22.23364097	0.069129638	0.00090997	321.6224106
STAG3L5P-PVRIG2P-PILRB	NR_036569	140.1213693	4.682704956	9.92E-13	29.92316848
UBE2Z	NM_023079	133.4331443	1.527253225	8.11E-16	87.36805531
COQ6	NM_182476	81.13999777	2.380929494	9.98E-08	34.07912666
STAG3L1	NR_040583	183.257266	1.328421661	3.77E-24	137.9511276
RBM14-RBM4	NM_001198846	154.7541901	6.487567632	4.88E-13	23.85396174
PRPF31	NM_015629	58.83134203	0.391088631	1.08E-07	150.4296912
CYR61	NM_001554	113.9372887	2.666861129	3.95E-12	42.72336773
MXN1-AS1	NR_038835	48.34270683	3.759059875	0.00026062	12.86031839
SAP18	NM_005870	46.367487	0.644331604	1.10E-05	71.96214914
TMEM80	NM_174940	51.72432676	5.357290312	0.001146509	9.65494191
NFATC2IP	NM_032815	41.23569155	0.51035371	1.73E-05	80.79825959
STARD7	NM_020151	143.7717499	0.753362593	1.87E-18	190.8400434
LASP1	NR_073384	89.72842792	1.354955208	8.13E-09	66.22243109
GNB1L	NM_053004	80.64619281	1.492739121	1.20E-07	54.02564433
PDXK	NM_003681	72.13277744	1.866272744	7.56E-07	38.65071579
NCLN	NM_020170	50.73671684	0.27797092	2.56E-07	182.5252689
MSX2	NM_002449	102.9548486	1.810584462	1.85E-11	56.86277039
GRPEL1	NM_025196	87.3344179	2.266793455	1.41E-09	38.52773517
YWHAH	NM_003405	73.12038735	0.612545741	1.50E-09	119.3713098
RPL13AP5	NR_026712	138.6399545	27.53452381	1.51E-06	5.035131729
SHISA4	NR_030775	53.13072686	1.10413955	2.46E-06	48.1195759
CFAP20	NM_013242	77.83339261	1.089133225	6.00E-09	71.46361053
CDR2L	NM_014603	139.4775348	0.560117572	1.35E-19	249.0147457
LOC101927746	NR_110115	74.0329825	2.822144738	6.70E-07	26.23287938
CSRNP1	NM_033027	70.65136257	3.208099294	1.60E-06	22.02281042
ZEB1-AS1	NR_024284	41.72949651	0.734385779	4.63E-05	56.82231019
CDK2AP2	NR_073484	86.34680799	7.590507305	6.57E-06	11.37563071
PPRC1	NM_001288727	102.5360584	0.051604075	8.94E-17	1986.976
AAMP	NM_001087	66.85095245	4.607156604	1.86E-05	14.51024096
WASH7P	NR_024540	21.32104583	0.158707547	0.004454733	134.3417264
RPS6	NM_001010	98.24184329	2.075399088	2.41E-10	47.33636238
C1orf145	NR_073154	28.50307587	0.349725426	0.000265346	81.5012971
POLR2C	NM_032940	73.53917754	1.67589003	8.57E-08	43.88067009
EME2	NM_001257370	73.53917754	1.684790566	1.24E-07	43.64885406
SGTA	NM_003021	66.85095245	0.38170026	5.14E-09	175.1399186
LOC256880	NR_002799	55.52473687	1.414747428	1.78E-05	39.24710218
TOR1A	NM_000113	95.42904309	0.707600924	1.19E-12	134.8628018
CKS1B	NR_024163	49.74910693	1.464917692	3.71E-05	33.96034274
TRA2B	NM_004593	90.71603783	0.046162747	4.43E-16	1965.135179
ABCB6	NM_005689	80.72120758	3.427951538	1.08E-07	23.54794305
TAF9	NM_003187	87.3344179	2.096152888	1.54E-09	41.66414502
MZT2A	NM_001085365	31.80968103	1.975892134	0.004263608	16.09889552
RAD23A	NR_072976	57.91874689	5.918122818	0.000325453	9.786675381
ROMO1	NM_080748	102.5360584	13.62304048	8.22E-06	7.526664735
LOC100506083	NR_039997	26.03405109	0.944908481	0.004501185	27.55192868
RITA1	NM_032848	63.61936206	3.85411323	7.72E-06	16.50687415
RPS27	NM_001030	130.4703145	6.785582143	7.60E-10	19.22757867
STAG3L3	NR_040582	86.42182276	0.344875536	1.12E-12	250.5884408
COG1	NM_018714	64.95074739	2.750231495	1.34E-06	23.61646557
MEIG1	NM_001080836	81.21501254	2.419317889	1.16E-07	33.56938454
PIGH	NM_004569	84.94040789	0.168769492	3.91E-13	503.2924322
COX6B1	NM_001863	45.52990662	2.3785505	0.000134846	19.14187091
ENDOG	NM_004435	84.02781274	16.52485117	0.000419065	5.08493613
MAN2B2	NM_015274	62.13794719	0.084695819	9.55E-10	733.6601498
ISG15	NM_005101	88.740818	20.60778776	0.003626158	4.306178763

RBX1	NM_014248	91.62863298	0.273050615	1.16E-12	335.573802
LOC283335	NR_033854	63.61936206	8.468801977	0.000574078	7.512203289
EIF2B5	NM_003907	55.03093192	0.270255386	1.93E-07	203.6256618
LOC100507373	NR_045214	70.65136257	1.550645158	4.21E-07	45.56255969
CDH15	NM_004933	33.21608113	0.89367872	0.000346543	37.16781031
C21orf59	NM_021254	108.1616588	0.842869983	1.03E-14	128.3254368
NBEAL2	NM_015175	36.02888133	0.068669961	6.06E-06	524.6672765
ATP5G1	NM_001002027	82.4713831	5.390748511	8.18E-07	15.29868866
SLC39A13	NM_152264	59.32514699	7.203478599	0.000212284	8.235624799
SLX1B	NM_024044	242.8511736	58.61613708	6.61E-09	4.143077072
HEXA-AS1	NR_027262	49.33031674	0.846533065	5.83E-06	58.27334899
TALDO1	NM_006755	69.73876742	4.909494242	1.03E-05	14.20487814
SF3B2	NM_006842	54.043322	0.390304591	8.01E-07	138.4644794
CISD2	NM_001008388	113.9372887	0.526472745	4.98E-15	216.4163098
MCOLN1	NM_020533	60.73154709	2.112630127	2.26E-06	28.74689057
AKR7A2	NM_003689	122.0319139	1.603805231	1.01E-14	76.08898608
PNKP	NM_007254	58.33753707	9.857437301	0.001352658	5.918124081
HSF1	NM_005526	109.6430736	4.858652577	1.09E-09	22.56655974
LRP10	NM_014045	30.32826616	1.366465101	0.002277106	22.1946877
PGLS	NM_012088	54.53712696	2.098957615	9.20E-06	25.98295772
TRIM56	NM_030961	39.82929145	1.75956535	0.000162048	22.63586939
UBE2S	NM_014501	136.2459445	13.42153853	2.12E-09	10.15129109
DHX30	NM_138615	67.34475741	1.116978273	8.71E-07	60.29191348
CDC34	NM_004359	57.42494193	0.432577372	1.18E-07	132.7506839
EFNA1	NM_182685	75.93318755	5.987446599	2.18E-06	12.6820651
ZSCAN25	NM_145115	69.73876742	0.113427485	3.49E-10	614.8312919
TIMM44	NM_006351	49.8241217	0.104790428	6.69E-08	475.4644361
GEMIN4	NM_015721	101.1296583	4.633698682	3.58E-09	21.82482401
SLC30A3	NM_003459	118.156489	1.27138126	9.83E-15	92.93552826
C22orf23	NM_032561	42.64209165	0.140643199	3.11E-06	303.1934135
ORAI1	NM_032790	50.24291189	0.275205545	7.82E-08	182.5650422
LINC01144	NR_024270	85.01542266	3.541668851	2.22E-07	24.00433983
IPO5P1	NR_103742	43.62970157	0.231308768	1.93E-06	188.6210448
DGAT1	NM_012079	81.63380273	17.2363171	0.00042897	4.736151131
OST4	NM_001134693	82.96518806	9.103341558	5.36E-05	9.113707042
CFL1	NM_005507	92.04742316	18.90192161	0.000184662	4.869738911
ABHD14A-ACY1	NR_037192	76.42699251	4.774983003	9.77E-07	16.00570986
EMP3	NM_001425	32.22847122	2.246445993	0.003110618	14.346426
LY6E	NM_002346	38.91669631	2.097195703	0.000832154	18.55654017
TMEM258	NM_014206	84.5216177	1.16293552	2.11E-10	72.67953921
PLA2G15	NM_012320	47.43011168	0.117653658	6.69E-08	403.1333375
NAGK	NM_017567	104.8550536	2.197296237	2.00E-11	47.72003513
CPSF1	NM_013291	105.2738438	9.568854949	1.11E-07	11.00171801
RELT	NM_152222	164.2552154	0.823729793	8.57E-22	199.4042426
CCT5	NM_012073	36.02888133	0.732079146	0.000655852	49.21446206
AHCY	NM_000687	87.75320809	4.02341983	1.02E-07	21.81060188
PITHD1	NM_020362	123.0195238	1.758020465	1.89E-14	69.9761614
NFE2L1	NM_003204	94.93523814	7.110935775	1.49E-07	13.35059704
RPL26	NM_000987	91.55361821	1.908974808	5.97E-10	47.95957382
NOA1	NM_032313	77.33958766	0.329481146	1.25E-10	234.7314514
SLC25A4	NM_001151	107.3240784	0.69149762	1.08E-14	155.2052751
NARFL	NM_022493	42.1482867	0.215402414	7.16E-06	195.6723039
SPAG7	NM_004890	36.94147648	0.878140638	0.000330125	42.06783616
UQCRQ	NM_014402	115.8374938	14.66935149	8.21E-07	7.896565424
TTLL12	NM_015140	68.40738209	0.625275178	4.42E-08	109.4036426
POLRMT	NM_005035	38.34787658	0.121208434	6.06E-06	316.3796055
FARSA	NM_004461	87.82822286	1.31634143	7.22E-11	66.72146063
INPP5E	NM_019892	53.13072686	0.938052845	2.40E-06	56.63937498
SRPR	NM_001177842	49.74910693	7.585510485	0.002169154	6.558438885
MICALL2	NM_182924	188.9578811	1.91476873	5.84E-21	98.68444067
TUBA1B	NM_006082	95.42904309	18.31854012	0.00010984	5.209424031
LOC93622	NR_015433	59.32514699	8.458443978	0.001034534	7.013718734
RPL37A	NM_000998	96.41665301	3.343495124	1.27E-09	28.83708497
GGN	NM_152657	68.40738209	8.188450086	0.000139517	8.354130681
SOX13	NM_005686	149.5473799	1.519870352	1.33E-15	98.39482665

TTC32	NM_001008237	56.51234679	3.17909039	1.67E-05	17.77626297
ZNF213-AS1	NR_110900	49.8241217	3.305640975	0.000417813	15.07245405
YARS2	NM_001040436	40.24808164	3.498114662	0.003474663	11.50564962
RCCD1	NM_033544	75.93318755	0.526765079	6.50E-11	144.1500027
LENG8	NM_052925	90.14721811	6.744845715	2.57E-07	13.36534917
MTG1	NM_138384	48.91152655	0.418994043	1.72E-06	116.7356134
OAZ1	NM_004152	178.0504557	12.25710514	9.84E-14	14.52630566
DNAJC28	NM_001040192	52.21813171	3.251069529	0.000204152	16.06183173
TMEM223	NM_001080501	136.7397494	16.01315142	5.65E-08	8.539215413
GGCX	NM_000821	44.12350652	4.827596665	0.003006431	9.139849408
DGCR6	NM_005675	59.25013222	9.635860274	0.000684772	6.14891982
THOP1	NM_003249	88.24701305	0.332328571	7.85E-13	265.541457
TSR2	NM_058163	32.72227618	0.976783794	0.001059813	33.50001955
LIN7C	NM_018362	66.92596722	0.134042657	1.05E-09	499.2885742
CUEDC2	NM_024040	39.33548649	3.597844883	0.003552238	10.93306904
SOCS1	NM_003745	136.3209592	6.837974364	4.91E-11	19.93586872
CLUHP3	NR_024034	46.93630673	1.153166671	2.56E-05	40.70210136
CCDC130	NM_030818	116.256284	1.945891013	1.60E-12	59.74449915
GSTP1	NM_000852	87.3344179	12.90192634	5.45E-05	6.769099094
MRPS26	NM_030811	129.6327341	8.407004134	4.11E-10	15.41961108
THOC6	NM_001142350	96.83544319	2.576843171	3.70E-10	37.57909844
SOWAHC	NM_023016	95.42904309	0.935801148	8.91E-12	101.9757705
LOC101928068	NR_111907	45.52990662	2.038890536	0.0002466	22.33072636
FLJ30679	NR_026674	70.15755761	6.727376799	3.37E-05	10.4286648
TYMS	NM_001071	52.6369219	3.449168706	0.000361271	15.26075596
SIX4	NM_017420	24.2088608	0.404609479	0.003847617	59.83265851
FAHD2A	NM_016044	65.93835731	1.110595977	7.28E-08	59.37204769
NAPRT	NM_001286829	92.04742316	11.04249799	9.84E-06	8.335742805
ARL4D	NM_001661	88.740818	2.495025809	2.17E-08	35.56709421
TRADD	NM_003789	46.02371158	1.097691791	1.53E-05	41.92771775
NUDCD2	NM_145266	96.76042842	0.158035215	1.25E-14	612.2713128
MTHFD2	NR_027405	167.6368353	0.750537934	5.70E-24	223.3555796
GADD45B	NM_015675	147.1533698	20.25027179	2.72E-08	7.266735547
ARPC5L	NM_030978	99.22945321	1.018372704	1.69E-12	97.43923101
CELSR3-AS1	NR_111921	59.81895195	1.182192883	8.18E-07	50.59999329
COX20	NM_198076	109.7180884	3.303661271	2.76E-11	33.2110587
RRAGA	NM_006570	72.13277744	3.846774141	5.40E-06	18.75149796
RPS11	NM_001015	76.42699251	6.283180519	7.36E-06	12.16374291
GAL	NM_015973	19.345826	0.227021502	0.002846449	85.21583113
LRWD1	NM_152892	110.1368786	6.141504418	2.56E-09	17.9332084
CTC-338M12.4	NR_109909	70.23257238	4.115283611	2.15E-06	17.06627757
SMYD5	NM_006062	37.43528144	0.407918823	2.25E-05	91.77139981
PRKAB1	NM_006253	51.15550703	1.061784381	1.14E-05	48.17880913
SLC7A5	NM_003486	219.4361768	0.668355954	8.48E-30	328.3223192
NUMBL	NM_004756	56.01854183	1.557471886	1.11E-05	35.96761029
SEC61A1	NM_013336	87.82822286	1.895478469	1.66E-09	46.33564785
GNB2L1	NM_006098	117.6626841	9.717366412	6.71E-09	12.10849515
REEP6	NM_138393	90.14721811	0.794268431	6.39E-12	113.4971687
EFNB1	NM_004429	70.72637734	1.305224453	3.68E-08	54.18713784
CCS	NM_005125	143.8467647	0.522598453	1.04E-19	275.2529478
KRTCAP2	NM_173852	69.31997724	2.731037734	9.83E-07	25.38228468
SLC25A30-AS1	NR_047031	73.53917754	5.233827802	1.20E-05	14.05074456
SUMO2	NM_006937	68.25735255	0.125938076	3.49E-10	541.9913896
NUTF2	NM_005796	49.8241217	1.479120335	9.85E-05	33.68496837
TCEB3	NM_003198	36.02888133	0.359084325	3.75E-05	100.3354333
EXOSC8	NM_181503	30.74705635	0.114456521	2.87E-05	268.6352522
UQCC3	NM_001085372	106.3364685	17.04946251	1.44E-05	6.236939636
TUBA1C	NM_032704	149.5473799	7.153900518	1.36E-12	20.9043136
DUSP23	NM_017823	46.93630673	2.10014741	0.000542031	22.34905346
BOLA1	NM_016074	55.94352706	8.104170174	0.004716646	6.903054336
CDC42EP2	NM_006779	127.2387241	3.625570055	2.93E-13	35.0948188
LOC400684	NR_046201	111.6182935	1.529204423	3.07E-13	72.99108727
VPS37C	NM_017966	39.82929145	0.342092448	2.84E-05	116.4284442
LRRC73	NM_001012974	62.21296196	2.347650915	2.52E-06	26.50009061
TONSL	NM_013432	115.4187036	3.68645731	4.64E-11	31.3088404

PYCRL	NM_023078	76.92079747	2.836630989	2.14E-07	27.11695591
IRF2BPL	NM_024496	27.93425614	0.173604263	0.000779209	160.9076623
IRF7	NM_001572	119.0690842	18.94645435	1.32E-06	6.284504846
NUDT5	NM_014142	54.53712696	0.035359152	2.37E-09	1542.37655
C1orf213	NR_033690	99.15443844	11.6386457	2.51E-06	8.519413767
LPPR2	NM_001170635	61.719157	0.641541522	3.94E-08	96.20446209
KLHDC2	NM_014315	70.23257238	1.821996259	1.16E-07	38.54704533
TFE3	NM_006521	34.20369105	1.32847423	0.002284556	25.74659732
C15orf39	NM_015492	171.4372454	1.577772917	5.84E-21	108.6577438
PJA1	NM_001032396	38.91669631	1.4422238	0.000104785	26.9838123
FAM103A1	NM_031452	74.52678745	0.780642774	1.85E-09	95.46849074
CYB5R1	NM_016243	28.4280611	1.322580874	0.004700193	21.49438395
MT1X	NM_005952	61.15033728	2.10027777	1.99E-05	29.11535709
SLC48A1	NM_017842	70.72637734	1.716145241	3.11E-08	41.21234944
JUNB	NM_002229	172.3498406	41.37202884	3.26E-06	4.165854211
TRIM28	NM_005762	92.61624289	11.54429208	1.07E-05	8.022687075
EIF2S2	NM_003908	92.04742316	1.552019469	7.89E-10	59.3081627
FUK	NM_145059	55.03093192	3.050187143	4.71E-05	18.04182148
GALNS	NM_000512	76.42699251	3.13585264	3.33E-07	24.37199744
XAB2	NM_020196	60.73154709	4.064666953	3.41E-05	14.94133413
UBE2D4	NM_015983	102.0422534	0.318256101	8.34E-14	320.6293704
CAPNS1	NM_001749	71.63897248	3.600374191	1.52E-06	19.89764638
RUSC1-AS1	NM_001039517	81.63380273	12.6348632	9.41E-05	6.460996171
POLR2J	NM_006234	55.94352706	2.169147534	9.53E-06	25.79055882
TAX1BP3	NM_014604	112.9496788	12.29174965	6.05E-08	9.189064374
LYRM5	NM_001001660	79.73359767	2.769039846	7.06E-08	28.79467328
RBM15B	NM_013286	46.51751654	5.370423465	0.00334101	8.661796754
SDF2L1	NM_022044	56.93113697	3.733930044	0.000229737	15.24697472
MAP1LC3B	NM_022818	83.53400779	1.633977067	1.59E-09	51.12312128
SPAG5	NM_006461	45.03610167	0.024274849	8.39E-08	1855.257755
POLR2A	NM_000937	202.7531215	5.539523929	2.02E-18	36.60118163
PLCD3	NM_133373	33.70988609	0.325517215	9.94E-05	103.5579213
ATP5B	NM_001686	152.853985	2.692233798	3.14E-17	56.77589558
CHKB	NM_005198	43.62970157	1.679536309	0.000232445	25.97723034
FAM8A1	NM_016255	41.80451128	0.379488433	2.05E-05	110.1601727
LOC101927478	NR_110630	76.77076793	0.110258079	3.53E-11	696.2824718
POLR2E	NM_002695	46.86129196	2.935306787	0.000706521	15.9646999
POR	NM_000941	145.7469697	0.66957411	1.00E-17	217.6711547
HSPA9	NM_004134	41.65448174	0.375760957	6.56E-06	110.8536717
RBM15	NM_001201545	53.13072686	1.646219923	3.49E-06	32.2743797
CLIC3	NM_004669	56.43733202	8.018624576	0.001862106	7.038280877
CASC10	NM_001010911	38.34787658	1.426583946	0.000809655	26.88091135
OXLD1	NM_001039842	64.95074739	7.779377021	0.000380819	8.349093663
RHPN1	NM_052924	117.2438939	0.872179261	2.78E-15	134.4263722
CCND1	NM_053056	112.0370837	3.136880505	3.40E-11	35.71608274
C7orf43	NM_018275	67.91357713	7.560640549	4.62E-05	8.982516322
LIPT2	NM_001144869	139.1337594	4.221234672	5.02E-13	32.96044173
LINC00637	NR_038436	69.81378219	2.69233972	1.88E-06	25.93052492
LOC642852	NR_026943	70.23257238	5.046951769	1.11E-05	13.91583982
JMJD7	NM_001114632	101.0546435	2.598790116	1.38E-10	38.88526544
KRI1	NM_023008	50.24291189	4.363696338	0.000366486	11.51384239
SLC31A2	NM_001860	32.22847122	0.132268436	5.68E-05	243.6595768
THUMP3-AS1	NR_027007	106.8302734	4.093371684	6.54E-10	26.09835649
TUFM	NM_003321	59.74393718	7.956202523	0.000345049	7.509102113
FAM118A	NM_001104595	55.94352706	0.730226513	5.18E-07	76.6111968
CCDC157	NM_001017437	93.94762822	1.162657059	6.99E-11	80.80424702
MED16	NM_005481	52.21813171	0.656155612	1.39E-06	79.58193263
POLR2J3	NM_001097615	66.43216226	0.652463202	3.12E-08	101.817485
EMC8	NM_006067	71.07015275	0.804857804	3.68E-08	88.30150171
GCSH	NR_033249	84.44660293	1.036874577	2.46E-10	81.4434116
FSCN1	NM_003088	195.0772865	7.713332815	1.96E-17	25.29092043
FLOT2	NM_004475	54.53712696	1.55677687	1.57E-05	35.03207687
CCDC97	NM_052848	178.0504557	3.182803321	1.99E-18	55.94139436
HNRNPUL1	NM_144732	29.90947597	0.243918765	0.001050766	122.6206438
LOC646626	NR_045484	65.93835731	9.107400695	0.000615114	7.240085235

KLHL7-AS1	NR_046220	66.85095245	1.424775165	1.16E-07	46.92035214
PCIF1	NM_022104	129.6327341	1.048327972	9.39E-16	123.6566586
IMPDH2	NM_000884	157.5669903	30.95693404	2.83E-07	5.08987712
EMC10	NM_206538	81.97757815	3.254854854	1.16E-07	25.18624695
A4GALT	NM_017436	40.81690136	0.063666616	1.95E-06	641.1036709
DAK	NM_015533	101.6234632	3.796488217	1.06E-09	26.76775415
TMEM189-UBE2V1	NM_199203	91.62863298	1.96485623	1.18E-08	46.63375955
HIST3H2A	NM_033445	125.3385191	21.21542147	0.004825115	5.907896726
KLF2	NM_016270	73.12038735	15.33521912	0.001145747	4.7681345
EIF4B	NM_001300821	51.64931199	0.647889105	2.57E-06	79.71937109
DIO3	NM_001362	33.70988609	1.648384748	0.001454926	20.45025358
ZNF593	NM_015871	65.51956712	10.52766652	0.003246914	6.223560271
ARHGAP5-AS1	NR_027263	41.72949651	1.752411121	0.000809655	23.81261795
FANCG	NM_004629	49.74910693	1.804743956	0.000106385	27.56574237
OIP5-AS1	NR_026757	89.72842792	0.399375682	3.23E-12	224.6717362
ZNF696	NM_030895	124.2758944	3.698563116	3.15E-12	33.60112846
BOK	NM_032515	43.13589661	3.295717277	0.000539436	13.08846997
ORMDL2	NM_014182	62.55673738	2.584173179	2.52E-06	24.2076413
ATP13A1	NM_020410	48.4177216	1.262273088	5.78E-05	38.35756468
EIF2B1	NM_001414	62.13794719	4.125121793	2.27E-05	15.06330002
MTHFR	NM_005957	60.65653232	1.606816628	3.99E-06	37.749505
AKAP8	NM_005858	88.81583277	1.94091438	3.92E-09	45.75978915
NEAT1	NR_028272	160.9486102	30.26452364	1.84E-07	5.318061904
PDCD5	NM_004708	71.63897248	2.824535236	2.86E-07	25.363101
RSRP1	NM_020317	133.4331443	8.514247665	8.16E-11	15.67174805
SOD1	NM_000454	135.3333493	0.938669921	5.84E-18	144.1756536
RPL23A	NM_000984	105.8426635	7.001390988	1.05E-08	15.11737649
UBAC2-AS1	NR_036532	103.4486535	2.312098125	5.31E-11	44.74232836
SLC8B1	NM_024959	146.1657599	2.217583334	2.67E-15	65.91218363
MED29	NM_017592	109.2242835	5.535895023	9.79E-10	19.73019413
XKR8	NM_018053	55.4497221	0.625459301	5.49E-07	88.65440481
DDA1	NM_024050	32.72227618	0.418892777	0.000217689	78.11611456
PPP1R15A	NM_014330	103.8674437	10.0583832	5.55E-07	10.32645522
TUBG1	NM_001070	60.23774213	3.49927242	1.13E-05	17.21436199
MANF	NM_006010	85.85300303	5.897244307	2.90E-07	14.55815607
NAT9	NM_015654	52.56190713	7.30759957	0.001059813	7.192773308
ADCK5	NM_174922	196.0648964	4.118376757	2.55E-19	47.60732395
TAF5	NM_006951	71.63897248	1.142351187	8.89E-08	62.71186418
SHPK	NM_013276	98.24184329	0.640236817	1.10E-11	153.4461009
NABP2	NM_024068	45.03610167	1.932570315	0.000213483	23.30373251
SSSCA1	NM_006396	42.22330147	2.244837453	0.000809655	18.80906852
CCDC23	NM_199342	60.80656186	1.837641456	1.40E-06	33.08945913
UBQLN2	NM_013444	59.81895195	1.293547164	1.90E-06	46.24412129
LOC101927572	NM_001290056	43.06088184	0.808525727	3.56E-05	53.2585178
ZNF252P-AS1	NR_026974	80.15238786	5.036627523	1.86E-06	15.11390022
GLYR1	NM_032569	70.65136257	0.079761848	1.61E-11	885.7789032
SOCS2-AS1	NR_038263	38.84168154	1.562204498	0.000191558	24.86337837
TMEM63A	NM_014698	48.83651178	0.740289506	7.55E-06	65.96947736
ESAM	NM_138961	72.13277744	2.07298634	3.30E-07	34.79655222
PLD2	NM_002663	80.72120758	0.605096906	4.12E-10	133.402116
MGAT2	NM_002408	95.84783328	4.134905438	1.29E-08	23.18017539
ASF1B	NM_018154	125.7573093	5.600512799	7.64E-11	22.45460617
RPL41	NM_021104	129.5577194	22.53692814	1.40E-05	5.748685825
C10orf10	NM_007021	95.35402832	7.370995193	6.67E-07	12.93638455
LRRC41	NM_006369	51.72432676	1.701593339	5.56E-05	30.39758418
SLC2A1-AS1	NR_033967	29.34065625	0.250850847	0.000573329	116.9645491
BOK-AS1	NR_033346	65.51956712	1.76567814	5.61E-07	37.10731058
SAT2	NM_133491	58.41255184	10.01158568	0.004636807	5.834495527
TMEM101	NM_032376	61.64414223	5.247047159	8.00E-05	11.74834919
NDUFB7	NM_004146	41.23569155	4.083331072	0.002696539	10.0985423
ZNF517	NM_213605	68.82617228	2.292853866	1.34E-06	30.01768813
FTSJ2	NM_013393	42.22330147	1.723549499	0.000136016	24.49787574
CDK4	NM_000075	49.8241217	2.986597511	0.000140223	16.68256989
NFKBIA	NM_020529	104.0174732	3.927365356	9.21E-10	26.48530601
ICMT	NM_012405	61.719157	2.799769674	2.73E-06	22.04436943

MMP11	NM_005940	21.81485078	0.263295769	0.002159735	82.85302458
C7orf26	NM_024067	47.35509691	0.781258253	2.74E-05	60.61388376
CNPY4	NM_152755	49.25530197	2.51885841	0.000157391	19.55461323
SLC7A6OS	NM_032178	64.95074739	0.310846769	2.45E-09	208.9477961
TAF1D	NM_024116	104.4362634	2.437132662	1.43E-11	42.85210447
RGS2	NM_002923	132.8643245	2.635998883	2.35E-14	50.40378634
WDR45B	NM_019613	72.13277744	0.07230095	6.27E-12	997.6739937
FLJ20021	NR_033874	97.82305311	9.62232221	2.18E-05	10.16635754
EHD2	NM_014601	70.23257238	0.882876703	1.07E-07	79.54969491
CCDC137	NM_199287	125.6822945	2.667912035	9.29E-14	47.10885997
TBL3	NM_006453	38.42289135	2.571019128	0.003985537	14.94461513
TBL2	NM_012453	79.73359767	0.190108785	3.71E-12	419.4103802
MFSD12	NM_174983	78.32719757	3.65051054	5.84E-07	21.45650497
VASN	NM_138440	99.15443844	4.845886176	1.28E-08	20.46156984
USP22	NM_015276	63.05054233	1.563089361	5.14E-06	40.3371323
ATP5D	NM_001687	42.22330147	2.603989014	0.000292527	16.21485392
FAM216A	NM_013300	29.34065625	0.101097802	0.000173336	290.2205165
AK1	NM_000476	40.81690136	1.882807456	0.000542461	21.67874428
ESPL1	NM_012291	35.46006161	0.297963124	9.94E-05	119.008222
ARC	NM_015193	135.8271543	10.74772985	2.87E-10	12.63775292
PEX6	NM_000287	71.63897248	5.660524399	5.28E-06	12.65588971
RNF223	NM_001205252	62.13794719	3.013089336	1.13E-05	20.62267005
TUSC2	NM_007275	45.45489186	0.668807114	1.63E-05	67.96412733
BIK	NM_001197	64.60697198	3.320747249	1.43E-05	19.45555236
DDRGK1	NM_023935	91.05981325	2.096671143	3.78E-10	43.43066082
GIN54	NM_032336	102.5360584	0.233970209	3.31E-15	438.2440765
STAG3L2	NR_040584	77.83339261	1.305448781	1.34E-08	59.62194284
TOR4A	NM_017723	42.1482867	2.845069091	0.000697854	14.81450374
WBSCR27	NM_152559	97.32924815	2.666887537	1.71E-10	36.49544528
POFUT1	NM_172236	81.13999777	0.52612799	4.29E-11	154.2210247
KPNA2	NM_002266	128.9888996	1.998710449	1.10E-14	64.53606111
LOC646719	NR_046262	111.5432787	2.688480777	3.08E-12	41.48933467
NDUFA6	NM_002490	45.52990662	4.850382812	0.002570626	9.386868705
TUBB6	NM_032525	79.73359767	2.503785958	3.26E-08	31.84521321
NOP56	NR_027700	121.044304	14.15634921	8.66E-08	8.550531086
BNIP3	NM_004052	42.22330147	0.158136153	6.35E-07	267.0059982
ENO2	NM_001975	22.30865574	0.5214304	0.003328097	42.7835733
C16orf58	NM_022744	32.22847122	0.043291381	2.87E-05	744.454681
CRTC2	NM_181715	39.41050126	0.723231195	0.000162048	54.49225855
C1QBP	NM_001212	91.55361821	1.361562285	3.44E-11	67.24159389
DHRS11	NM_024308	51.72432676	2.775429412	0.000156653	18.63651316
MED19	NM_153450	54.46211219	0.876851386	1.12E-06	62.11099517
PRDX2	NM_005809	104.9300684	11.67811817	2.88E-07	8.985186385
ADM	NM_001124	126.326129	10.89891494	1.27E-08	11.59070693
TMEM43	NM_024334	34.62248123	1.249872346	0.002652489	27.70081388
MAF1	NM_032272	63.05054233	5.985063125	7.24E-05	10.53464951
PCGF3	NM_006315	43.62970157	0.511427254	4.79E-05	85.30969209
SNHG6	NR_002599	123.2882845	8.567962053	1.51E-09	14.38945267
MT2A	NM_005953	69.1699477	10.41513819	0.003700318	6.641289483
CALR	NM_004343	168.1306403	6.066556727	2.54E-16	27.71434404
OTX1	NM_001199770	51.72432676	6.413041159	0.001232715	8.065491157
RPS3A	NM_001267699	93.03503308	3.191199649	4.73E-09	29.1536235
SMIM4	NM_001124767	149.1285897	8.039997563	1.29E-12	18.54833767
MOAP1	NM_022151	93.52883803	1.91789567	6.73E-10	48.7663847
SCAND2P	NR_003654	32.22847122	1.891343018	0.00498304	17.03999269
FAM210B	NM_080821	28.50307587	0.569244577	0.00342028	50.07175651
SPCS1	NM_014041	57.91874689	11.11240039	0.003865474	5.212082435
PCSK7	NM_004716	53.62453181	0.187392146	4.29E-08	286.1621088
FOSB	NM_001114171	70.72637734	2.652350881	3.30E-07	26.66554333
DKFZP434I0714	NR_033797	55.94352706	0.66142051	1.43E-06	84.58087741
FBXO46	NM_001080469	41.23569155	1.277742248	0.000666492	32.27230814
PYURF	NM_032906	97.25423338	1.108168528	5.16E-11	87.76123028
THOC3	NM_032361	95.84783328	0.265853971	3.95E-15	360.5281234
FAM102A	NM_001035254	51.64931199	1.009856879	5.29E-05	51.14518011
H3F3B	NM_005324	196.4836866	24.19368859	1.94E-11	8.121278649

TYMSOS	NM_001012716	76.42699251	2.36752856	7.98E-08	32.2813392
NUDT16L1	NM_032349	63.54434729	5.803473086	0.000108336	10.94936538
RPL11	NM_000975	60.23774213	3.110945536	2.75E-05	19.36316192
RNMTL1	NM_018146	57.91874689	3.773881879	6.29E-05	15.34726013
VPS4A	NM_013245	69.73876742	5.8837394	4.35E-05	11.85279678
B4GALT7	NM_007255	73.04537258	3.584290413	7.08E-07	20.37931199
BFAR	NM_016561	25.54024613	0.992937861	0.004895542	25.72189774
TXNDC17	NM_032731	94.44143318	9.23906707	1.05E-06	10.2219664
SARS	NR_034072	51.57429722	2.295855969	2.52E-05	22.46408221
DKK1	NM_012242	132.4455343	0.692729982	4.59E-17	191.193593
ITFG2	NM_018463	89.65341315	0.402788747	1.76E-12	222.5817229
TUBB2A	NM_001069	114.4310937	6.549759834	1.80E-09	17.47103658
SAPCD2	NM_178448	82.62141264	4.969849677	5.19E-07	16.62452952
MAP3K14	NM_003954	53.62453181	2.751343441	6.80E-05	19.49030827
SIX5	NM_175875	40.32309641	3.859865145	0.001920241	10.44676301
TOE1	NM_025077	90.64102306	10.07351231	3.84E-06	8.997956248
COX6A1	NM_004373	64.95074739	1.188736903	1.41E-07	54.63845467
MYH7B	NM_020884	62.13794719	1.731915045	6.17E-06	35.87817276
C19orf24	NM_017914	97.82305311	15.19910047	1.68E-05	6.436108063
ATG2A	NM_015104	96.76042842	0.26933619	1.32E-13	359.2552058
LDLRAP1	NM_015627	93.03503308	1.972289095	7.74E-10	47.17109338
IDII	NM_004508	96.34163824	2.297651801	1.71E-10	41.93047798
FAM86DP	NR_024241	59.32514699	0.389937094	7.13E-08	152.1403012
ARL2-SNX15	NR_037650	46.02371158	0.564929009	7.43E-06	81.46813286
LOC101559451	NR_103482	44.54229671	4.754322942	0.003381947	9.368799144
IRF1	NM_002198	133.9269492	0.70809309	1.26E-18	189.1374893
HIST2H2BE	NM_003528	104.8550536	24.99846241	0.000219404	4.194460119
ZNF740	NM_001004304	38.91669631	1.209386264	0.000283421	32.1788807
HNRNPA0	NM_006805	104.9300684	5.28962089	3.20E-09	19.83697331
TMSB4X	NM_021109	68.33236732	3.487148418	5.40E-06	19.5954858
RNF123	NM_022064	66.01337208	3.933943016	2.68E-05	16.78045966
FLJ36777	NR_027441	73.12038735	3.651251215	1.17E-06	20.02611791
CBX6	NM_014292	47.50512645	1.134720075	1.24E-05	41.86506215
RNASEH2A	NM_006397	71.14516752	0.422009408	2.79E-10	168.586686
C19orf43	NM_024038	96.83544319	3.028049738	7.81E-10	31.97947576
PDAP1	NM_014891	48.83651178	5.653758896	0.000863468	8.637883696
TEFM	NM_024683	65.86334254	0.6902972	8.70E-09	95.41302283
VPS25	NM_032353	79.16477794	4.930232988	5.31E-07	16.05700545
FADD	NM_003824	46.44250177	5.491826958	0.002272915	8.456657889
RPS8	NM_001012	121.9568991	11.54399967	1.08E-08	10.56452726
RPL35	NM_007209	68.67614274	4.858476625	1.73E-05	14.13532431
KLC3	NM_177417	36.94147648	3.062405992	0.001625779	12.06289322
BOP1	NM_015201	69.31997724	0.916264855	2.47E-07	75.65495597
TEN1	NM_001113324	58.75632726	0.862145317	1.40E-06	68.15130364
NRBP1	NM_013392	99.22945321	2.370109404	3.87E-10	41.86703494
KIAA0895L	NM_001040715	56.43733202	8.736582229	0.001520115	6.459886777
INTS6-AS1	NR_103812	88.740818	12.84221038	0.00012112	6.910089105
TUBG2	NM_016437	96.26662347	4.288636075	6.08E-09	22.44690894
YY1	NM_003403	31.80968103	0.356432895	0.000552411	89.24451551
NTSR1	NM_002531	42.22330147	2.375321806	0.000823529	17.77582362
NAGLU	NM_000263	31.73466626	0.336341551	0.000770788	94.35250011
GBA2	NM_020944	72.55156763	4.309625528	2.80E-06	16.83477303
TSTA3	NM_003313	78.2521828	4.564367562	5.30E-07	17.14414576
PHF13	NM_153812	27.51546596	0.348304142	0.000265346	78.99838862
RRP7B	NR_002184	77.33958766	2.486467492	9.06E-08	31.10420221
RPL18A	NM_000980	89.65341315	4.792007283	1.60E-07	18.7089476
RBM3	NM_006743	33.21608113	2.327153013	0.001869146	14.27326907
LINC00662	NR_027301	59.74393718	0.207854248	3.05E-08	287.431879
LSM7	NM_016199	56.93113697	0.629522457	1.18E-07	90.43543462
TXNL4A	NM_006701	61.719157	0.395821446	3.94E-08	155.9267636
RPS12	NM_001016	162.4300251	12.3154448	3.46E-12	13.18913184
C19orf10	NM_019107	22.23364097	0.659902308	0.004785512	33.6923219
GFER	NM_005262	75.51439737	8.937226132	3.73E-05	8.449422254
FAM127A	NM_001078171	87.40943267	4.208254196	6.05E-07	20.77094885
ORAI3	NM_152288	47.92391664	7.303343502	0.002061246	6.561914639

DCPS	NM_014026	117.7376988	0.579024329	5.82E-14	203.3380862
LINC00896	NR_026919	56.51234679	5.761604905	0.000501766	9.808438398
PGAM1	NM_002629	60.73154709	2.238991233	6.43E-06	27.12451313
ANKRD52	NM_173595	71.63897248	0.661217549	1.70E-08	108.3440277
ETHE1	NM_014297	136.7397494	1.713620457	6.28E-16	79.79581994
LOC284080	NR_038230	96.26662347	8.068823293	2.83E-07	11.93068927
PLK3	NM_004073	128.1513193	4.629490307	1.42E-12	27.681518
ELOF1	NM_032377	88.66580323	2.741252539	7.90E-09	32.34499631
DNAJB2	NM_001039550	56.01854183	2.045024544	1.48E-05	27.39260123
S100A11	NM_005620	58.41255184	1.47952002	2.15E-06	39.48074448
RPS25	NM_001028	76.92079747	3.40199213	7.76E-07	22.61051599
KCNG1	NM_002237	153.8415949	1.729811992	2.83E-17	88.93544249
TRIM8	NM_030912	23.5650263	0.394214068	0.003328097	59.77723331
LOC100506100	NR_046240	22.72744593	0.316505169	0.002159735	71.80750323
WDR83OS	NM_016145	121.044304	22.5946734	1.97E-05	5.357205295
NDUFA1	NM_004541	43.62970157	0.399931294	7.16E-06	109.0929923
KAZALD1	NM_030929	93.87261345	10.72648067	2.29E-06	8.751483019
NUFIP2	NM_020772	147.2283846	0.507216026	3.26E-19	290.2676117
MROH6	NM_001100878	63.46933252	14.77218433	0.003993912	4.296543497
SOX9	NM_000346	110.0618638	1.626527037	2.56E-13	67.66679024
ZSCAN16	NM_025231	39.26047172	0.620890641	3.70E-05	63.23250687
SNHG11	NR_003239	76.42699251	4.551386512	1.64E-06	16.79202421
CHAC2	NM_001008708	61.22535205	0.726244478	7.13E-08	84.30405172
PNRC2	NM_017761	92.61624289	0.659976981	3.92E-12	140.3325351
SPC24	NM_182513	57.34992716	2.767074436	3.18E-05	20.72583463
HINT2	NM_032593	50.66170207	0.917981731	1.09E-05	55.18813756
RPL39	NM_001000	65.51956712	2.630687075	8.21E-07	24.90587639
ARPC4-TTLL3	NM_001198793	54.043322	1.120108263	3.15E-05	48.24830224
LRRC47	NM_020710	81.7088175	0.130841209	1.25E-12	624.4883998
GBAP1	NR_002188	94.86022337	1.697449557	6.99E-11	55.88397191
PISD	NM_014338	38.91669631	3.793849723	0.004330814	10.25783812
TMEM180	NM_024789	45.45489186	4.639723891	0.001550731	9.796895877