

genes	p. value	HR	Low 95%CI	High 95%CI
TIGAR	0.26028	1.226971	0.859347	1.751864
PFN2	0.045239	1.168824	1.003313	1.361637
RMND5A	0.823675	1.035424	0.762315	1.406378
SERTAD2	0.416608	1.131867	0.839456	1.526135
PKP2	7.82E-06	1.333033	1.175176	1.512093
YWHAB	0.101303	1.462041	0.928206	2.3029
TOMM40	0.003018	1.471389	1.139955	1.899185
CWC27	0.067423	1.46542	0.972974	2.207106
COX17	0.22395	1.261474	0.867549	1.834267
PKMYT1	0.012887	1.288172	1.055117	1.572704
PSMB6	0.010347	1.68312	1.130497	2.505883
FBX045	0.000455	1.61262	1.234549	2.106472
AMZ2	0.443046	1.173066	0.780176	1.763812
RBM15B	0.275904	1.259763	0.831543	1.908504
NCAPG	0.00223	1.28882	1.09537	1.516435
NOP2	0.029525	1.386394	1.033024	1.860642
GRIP1	0.0436	1.30277	1.007625	1.684367
SLC2A1	7.09E-05	1.337852	1.158923	1.544406
NME1__NME	0.702435	1.058983	0.789224	1.420946
CLN6	0.118183	1.322786	0.931302	1.878835
TTC5	0.81809	1.046387	0.711025	1.539924
LDHA	0.000285	1.666901	1.26484	2.196766
DNMT3A	0.686501	1.057107	0.807225	1.384342
INTS13	0.123861	1.260104	0.938678	1.691594
PES1	0.111796	1.365498	0.930119	2.004675
PTCD3	0.481827	0.860495	0.566136	1.307903
MSANTD3	0.001561	1.755892	1.238797	2.48883
PLOD1	0.020796	1.472921	1.060687	2.045369
NCEH1	0.048236	1.244329	1.001697	1.545733
SMARCC2	0.681905	1.064088	0.790628	1.432131
DROSHA	0.929899	0.987302	0.742676	1.312504
CDK8	0.067355	1.470672	0.972824	2.223298
MPLKIP	0.070558	1.51251	0.965895	2.368464
RMI2	0.382087	1.102531	0.885798	1.372292
USP18	0.155224	1.176578	0.940235	1.472328
SMARCC1	0.814872	1.035238	0.774719	1.383362
RAD54L	0.037616	1.221122	1.011505	1.474177
PDRG1	0.672857	1.086127	0.74016	1.593805
TTL4	0.295634	1.187102	0.860782	1.63713
HMGB2	0.135584	1.196338	0.945391	1.513898
UBE2N	0.259956	1.274981	0.835488	1.945661
NIF3L1	0.076919	1.414719	0.96321	2.077876
VTA1	0.029818	1.476805	1.038878	2.099335
DDX21	0.04494	1.30181	1.00597	1.684651
SAP30	0.407317	1.123956	0.852532	1.481794
MORF4L2	0.458397	1.146877	0.798357	1.647542
CCDC90B	0.070385	1.290424	0.97901	1.700896
UBE2Z	0.206388	1.332848	0.853548	2.081292
RPF2	0.045454	1.432261	1.007294	2.036517
ITGB3BP	0.540055	1.11268	0.790759	1.565656
SDAD1	0.758834	1.05955	0.732395	1.532845
HAUS5	0.637724	1.07078	0.805525	1.423382
FCGRT	0.007561	0.680258	0.512736	0.902514

SZRD1	0.732054	1.096076	0.648307	1.853108
GPSM2	0.341293	1.1299	0.878613	1.453057
SLC20A1	0.019701	1.356708	1.049871	1.753222
TONSL	0.07992	1.218284	0.976731	1.519574
TIPIN	0.018695	1.501582	1.070041	2.107161
BDH1	0.161873	1.201222	0.929088	1.553064
RECQL	0.2132	1.180418	0.909107	1.532698
FN3KRP	0.286218	1.228152	0.841825	1.791771
ELAC2	0.269098	1.282809	0.824778	1.995204
MRPL10	0.15836	1.382783	0.881422	2.169321
NCAPH2	0.870799	1.029601	0.724437	1.463314
G2E3	0.161493	1.251444	0.914207	1.713081
ULK1	0.291009	1.173228	0.872159	1.578226
EXTL2	0.826328	1.036968	0.749789	1.434139
DENND1A	0.030228	1.421774	1.034206	1.954581
ANAPC1	0.163466	1.282291	0.903866	1.819154
TNP03	0.085551	1.384937	0.955449	2.007486
PIGO	0.152245	1.263746	0.917244	1.741144
STK35	0.38666	1.14668	0.841128	1.56323
MFN2	0.721829	1.069326	0.739351	1.546569
DCAF7	0.432367	1.148048	0.813358	1.620461
CENPE	0.010141	1.316577	1.067548	1.623697
INTS4	0.423533	1.174936	0.791678	1.743731
C9orf78	0.625958	1.137254	0.678033	1.907496
SMARCD1	0.300102	1.228896	0.832148	1.814804
RILP	0.251797	0.847108	0.637814	1.125079
ECE2	0.029249	1.320174	1.028447	1.694653
NEK2	0.001878	1.293196	1.099677	1.52077
PCBP1	0.123229	1.414431	0.910133	2.198157
TESMIN	0.008689	1.274377	1.063283	1.527381
RAN	0.037055	1.44703	1.022434	2.047954
PPT2	0.013074	1.382595	1.070485	1.785703
PHGDH	0.485139	1.05022	0.915232	1.205117
CELSR3	0.225721	1.126597	0.928997	1.366229
PTS	0.164527	1.285113	0.902256	1.83043
ABCF2	0.306996	1.235932	0.823173	1.855659
CFL2	0.496487	1.09886	0.837411	1.441936
PBK	0.008297	1.241725	1.057336	1.45827
CIZ1	0.558337	1.123955	0.759998	1.662208
PGM3	0.035285	1.404603	1.023697	1.927241
EYA2	0.579447	0.969031	0.867	1.083069
PRPF19	0.06266	1.488933	0.979185	2.264048
TUBA1C	0.03155	1.337455	1.026042	1.743384
LSM14A	0.135935	1.299283	0.920973	1.832993
APEX2	0.165556	1.352498	0.882629	2.072503
ATP1B3	0.12737	1.244463	0.93945	1.648504
COPG2	0.670083	0.936857	0.693995	1.264708
SAAL1	0.052236	1.418606	0.996623	2.019262
SLBP	0.01381	1.551378	1.093704	2.200572
WDR77	0.752996	0.932058	0.601352	1.444632
RPA3	0.36981	1.139331	0.856732	1.515146
XXYL1	0.005667	1.489882	1.123252	1.976181
STRN4	0.007302	1.636116	1.141839	2.344353
CEP41	0.418558	1.180269	0.789908	1.763541

ZCCHC8	0.351705	1.248449	0.78262	1.991547
SLC37A3	0.461552	1.157807	0.783865	1.710138
ENO1	0.10246	1.303993	0.94825	1.793195
GANAB	0.019717	1.560896	1.073566	2.269444
MORC2	0.744714	1.062254	0.738507	1.527924
SENP1	0.025264	1.505292	1.052011	2.153877
RAD18	0.042145	1.448883	1.013247	2.071817
TMEM182	0.381889	1.168712	0.824034	1.657562
DCAF13	0.374899	1.161281	0.834646	1.615743
NEMP1	0.114843	1.23644	0.949733	1.609701
BTF3L4	0.620845	0.910065	0.626476	1.322026
SMAP1	0.120733	1.346443	0.92472	1.960494
RRP9	0.179645	1.276073	0.893777	1.82189
CBX1	0.247294	1.197001	0.882665	1.62328
PLAGL2	0.673685	0.944767	0.725227	1.230764
CAMKK2	0.57514	1.142345	0.717282	1.8193
CCDC51	0.051008	1.435551	0.998417	2.064075
TWF1	0.024918	1.361977	1.039712	1.78413
MRPS16	0.059448	1.478709	0.984536	2.220925
SMIM10L1	0.926062	0.980859	0.652127	1.475302
KATNA1	0.94385	1.015704	0.658347	1.567037
SLC7A1	0.0076	1.39949	1.093431	1.791217
DLGAP5	0.001675	1.311168	1.107325	1.552535
NUP210	0.705726	1.04315	0.837755	1.298902
RCC1	0.453256	1.107755	0.847812	1.447397
TEFM	0.774855	1.063683	0.696768	1.623813
MTIF2	0.038483	1.497106	1.02162	2.193893
CUL1	0.164474	1.444501	0.860078	2.426038
TOR1A	0.075644	1.575019	0.95418	2.59981
RACGAP1	0.005522	1.325365	1.086245	1.617124
TTK	0.020043	1.227494	1.032747	1.458963
PRKX	0.680176	0.942286	0.710281	1.250071
EXOC2	0.553436	1.111964	0.782809	1.579521
GARS	0.009296	1.494932	1.104167	2.023988
RPAP1	0.146689	1.295682	0.913216	1.838331
ZC3HC1	0.202145	1.371283	0.844128	2.227642
KCMF1	0.031274	1.570584	1.041419	2.368627
DDX56	0.00884	1.696726	1.142154	2.520568
GNPDA1	0.660464	1.072529	0.784745	1.465851
DPP3	0.042957	1.416601	1.011101	1.984724
TRMT5	0.673019	0.910342	0.588486	1.408229
ASF1A	0.774234	1.051409	0.746459	1.48094
GCLC	0.006774	1.175638	1.0457	1.321722
SNX7	0.02697	1.3541	1.035138	1.771345
SLC35F6	0.145004	1.323441	0.907889	1.929198
FAM216A	0.655926	0.928805	0.671157	1.285361
TACO1	0.040034	1.548822	1.020106	2.351568
PDE6D	0.221402	1.332531	0.841085	2.111131
TMSB15A	0.403149	0.906328	0.719688	1.14137
TSACC	0.590744	1.069518	0.837155	1.366377
ABITRAM	0.154411	1.32831	0.898684	1.963323
COASY	0.051986	1.458283	0.99676	2.133502
IFT52	0.792643	0.951297	0.655609	1.380342
FAM24B	0.894706	1.018497	0.776399	1.336086

UGGT1	0.140947	1.254302	0.927693	1.695898
GTF2E1	0.399842	1.178871	0.803696	1.729182
POLR2H	0.062536	1.406438	0.982307	2.013697
SSX2IP	0.657641	1.061166	0.816122	1.379785
ASAH2B	0.179836	1.321826	0.879233	1.987213
CDC25B	0.823774	0.976108	0.788983	1.207614
TMEM41A	0.015144	1.482129	1.07893	2.036006
TEAD4	0.019251	1.372212	1.05281	1.788514
EIF3D	0.226668	1.288042	0.854507	1.941532
FOXRED1	0.902832	1.021425	0.726784	1.435515
CARS	0.035057	1.548035	1.031103	2.324126
SMG8	0.531716	1.116297	0.790748	1.575875
PET117	0.655931	0.922289	0.646121	1.316498
PXYLP1	0.576823	1.103878	0.780137	1.561964
ODF2	0.454292	1.141551	0.807046	1.614702
CTNNAL1	0.6292	1.067407	0.819095	1.390997
PPIF	0.035225	1.39334	1.023233	1.897316
GTF3C2	0.177962	1.307488	0.885159	1.93132
RNF214	0.314965	1.209845	0.834385	1.754256
HDAC2	0.013529	1.510419	1.088818	2.095269
SRRD	0.777655	1.062593	0.697194	1.619499
PRKDC	0.179543	1.17601	0.928089	1.490159
SOX2	0.723491	0.9829	0.893329	1.081451
PI4KA	0.919066	0.984573	0.729476	1.328879
SNRPE	0.057297	1.413973	0.989321	2.020902
SUMO2	0.128962	1.389611	0.908704	2.125027
TGS1	0.628131	0.923102	0.667779	1.276048
OTUB1	0.02279	1.817396	1.086723	3.039347
DTX3L	0.614269	1.080427	0.799735	1.459638
PPP1R2	0.053144	1.457155	0.994909	2.134166
NME6	0.913279	1.028206	0.623259	1.69626
FAM83D	0.023686	1.21411	1.026259	1.436347
TMEM14A	0.327463	1.150903	0.868697	1.524787
BRD7	0.907436	0.973022	0.613632	1.542898
SEPHS1	0.56201	1.13562	0.738824	1.745521
NMD3	0.032323	1.409229	1.02934	1.929321
DKC1	0.188298	1.258505	0.893502	1.772615
VIRMA	0.411116	1.177423	0.797605	1.738111
SEMA3A	0.214898	1.083045	0.954757	1.228571
TOP2A	0.04568	1.161892	1.002885	1.346109
CISD2	0.037674	1.550407	1.0253	2.344448
CNOT9	0.00321	2.104206	1.282927	3.451236
HMCES	0.092956	1.397012	0.94581	2.063462
DSP	0.099851	1.117372	0.97902	1.275276
SKA1	0.002284	1.320998	1.104648	1.579723
ATP2A2	0.097397	1.299356	0.953356	1.770928
HSPE1	0.089434	1.315725	0.958621	1.805858
PPIA	0.07467	1.404384	0.966752	2.040126
BRIP1	0.071096	1.257056	0.980533	1.611563
RBM38	0.872763	0.979216	0.757263	1.266223
NUP98	0.50255	1.136542	0.781803	1.652241
PIGX	0.002425	1.587094	1.177474	2.139213
ALYREF	0.015829	1.43032	1.069483	1.912899
DEPDC1	0.012681	1.251734	1.049149	1.493437

HNRNPL	0.018232	1.975819	1.122594	3.477538
TRMT6	0.219487	1.212365	0.891533	1.648654
LIPT2	0.972914	0.99459	0.727175	1.360344
SRF	0.174812	1.28854	0.893446	1.85835
NOP14	0.129527	1.331183	0.919631	1.926911
AARS	0.257482	1.211259	0.869291	1.687752
VIPAS39	0.988634	1.003669	0.606386	1.66124
TATDN1	0.279409	1.183685	0.872029	1.606723
AKIRIN2	0.413377	1.188864	0.785425	1.799531
ACTRT3	0.045782	1.388105	1.006165	1.915029
DDB1	0.069948	1.476029	0.968762	2.248912
ASF1B	0.016404	1.268324	1.044529	1.540069
SLC33A1	0.027677	1.564077	1.050362	2.329042
GPR107	0.138619	1.292527	0.920355	1.8152
POLQ	0.007432	1.378494	1.089768	1.743715
PPP2R3C	0.996587	0.999276	0.716983	1.392714
LYAR	0.000246	1.829236	1.324519	2.526279
DSN1	0.40025	1.116976	0.863177	1.4454
Clorf109	0.801924	0.950711	0.640533	1.411094
NUP85	0.26281	1.221679	0.860506	1.734444
TIMMDC1	0.108449	1.389064	0.929945	2.074852
SMYD2	0.803456	1.045309	0.737376	1.481836
CENPA	0.011099	1.233612	1.049082	1.450599
CHEK1	0.002015	1.384282	1.126137	1.701602
EXOSC10	0.683114	1.09334	0.712328	1.678151
RPIA	0.046111	0.657741	0.435762	0.992797
PEX3	0.486709	0.892114	0.646713	1.230633
PVR	0.001629	1.458418	1.153281	1.84429
WDR3	0.192342	1.239835	0.897429	1.712881
TCOF1	0.063445	1.361706	0.982865	1.88657
DHCR7	0.058243	1.25968	0.991975	1.599631
IGF2BP2	0.041609	1.162751	1.005748	1.344263
MZT1	0.006864	1.441676	1.105828	1.879522
NDUFB5	0.118826	1.282669	0.938116	1.753771
INTS7	0.018304	1.54148	1.076014	2.208298
CIAPIN1	0.018729	1.683687	1.090496	2.599552
UCHL1	0.43317	1.035531	0.948954	1.130008
MAP6D1	0.058328	1.28616	0.991168	1.668946
LAMC1	0.106329	1.23614	0.955715	1.598848
OPA1	0.002905	1.554545	1.162745	2.078366
YWHAE	0.041796	1.520407	1.015679	2.275951
KLC2	0.023806	1.44398	1.050021	1.985748
THAP10	0.057458	1.385298	0.989733	1.938957
NUDT1	0.08292	1.281876	0.968156	1.697254
ISY1	0.417725	1.226934	0.748168	2.012073
CDC6	0.00635	1.256449	1.066456	1.480291
NRBP1	0.138114	1.362235	0.905323	2.049748
EXOSC9	0.528001	1.145696	0.750948	1.747949
GEMIN5	0.289774	1.200007	0.856209	1.68185
VPS33A	0.105532	1.506393	0.917221	2.474019
CHD8	0.664133	1.074238	0.777532	1.484166
LOXL3	0.346201	0.86876	0.64829	1.164206
EMC9	0.174748	1.2329	0.911187	1.668198
CCT5	0.037341	1.331717	1.016936	1.743935

FANCG	0.162248	1.209374	0.926351	1.578867
RFC5	0.092349	1.288704	0.959142	1.731506
SART1	0.11527	1.333927	0.931986	1.909217
HNRNPA2B1	0.047663	1.524932	1.004356	2.315331
CENPF	0.01411	1.229073	1.042431	1.449134
NFYB	0.285034	1.289524	0.809053	2.055329
FXR2	0.048408	1.466319	1.00268	2.144344
GID8	0.378317	0.841215	0.572595	1.235852
POLA2	0.001746	1.622009	1.198209	2.195705
RNF220	0.536985	0.849061	0.505062	1.427358
NRDC	0.291844	1.236248	0.833383	1.833862
ACAD9	0.588988	1.115288	0.75074	1.656856
KIAA1211	0.213181	1.139298	0.927823	1.398972
RPP25	0.074191	1.22365	0.980463	1.527156
PAFAH1B3	0.080864	1.244796	0.973481	1.591728
FUBP3	0.066111	1.459222	0.975165	2.183557
INCENP	0.007278	1.372541	1.089164	1.729647
FKBP4	0.000359	1.491645	1.197542	1.857975
SRPRB	0.161932	1.253601	0.913275	1.720747
DHX30	0.161887	1.352294	0.885954	2.064101
COX10	0.02035	1.673586	1.083164	2.585843
COA7	0.554454	1.110292	0.784831	1.570719
H2AFY	0.062347	1.533307	0.978193	2.403442
TFG	0.004812	1.690609	1.173578	2.435424
CSTF1	0.914716	1.025199	0.650125	1.616664
PSMD1	0.033524	1.436737	1.028664	2.006693
LYRM2	0.807502	1.05302	0.694949	1.595585
MRPS35	0.008474	1.501089	1.109359	2.031145
HIRA	0.978157	0.994672	0.678554	1.458059
TEX30	0.132874	1.209295	0.943838	1.549411
MRM2	0.278102	1.232072	0.844983	1.796488
TUBG1	0.080351	1.265229	0.971972	1.646965
TMEM44	0.062854	1.272423	0.987165	1.640111
FNTA	0.305524	1.194114	0.850497	1.676559
PSMA7	0.494184	1.133138	0.791887	1.621445
CDC45	0.018228	1.230235	1.035819	1.461142
WDR43	0.19262	1.239871	0.897234	1.713355
STC2	0.00434	1.271608	1.078071	1.49989
TMEM263	0.123646	1.28297	0.934238	1.761878
DNAJB11	0.003533	1.663368	1.1817	2.341368
TPX2	0.004189	1.245016	1.071598	1.446498
MCMBP	0.448099	1.161275	0.789154	1.708868
FAM122B	0.892903	1.022912	0.735555	1.422529
PNPT1	0.371218	1.15442	0.842695	1.581456
ESF1	0.443109	1.12767	0.829526	1.532971
DDOST	0.838602	1.048542	0.664502	1.654532
MAK16	0.231058	1.279131	0.85496	1.913744
NT5DC3	0.147481	1.225766	0.930641	1.61448
OTUB2	0.813929	1.03731	0.764595	1.407296
PACC1	0.916495	1.016282	0.751447	1.374453
GKAP1	0.727284	0.938797	0.658295	1.338822
COPS8	0.041959	1.545149	1.015949	2.350007
CCHCR1	0.968954	0.994598	0.757159	1.306497
AK4	0.046714	1.160744	1.00217	1.34441

RAB6B	0.43253	0.920288	0.747884	1.132434
METTL5	0.00321	1.833037	1.225001	2.742876
POP5	0.555858	1.128079	0.755398	1.684624
PLCB1	0.385593	1.100893	0.886021	1.367875
CCDC134	0.807347	0.954787	0.658269	1.384872
CSTF2	0.60725	1.093509	0.777657	1.537646
AACS	0.076238	1.368608	0.967441	1.936125
CDCA2	0.004469	1.356508	1.099339	1.673837
SPPL3	0.679185	1.099601	0.701164	1.72445
BAG5	0.182936	1.338129	0.871627	2.054307
NUP188	0.336016	1.173983	0.846728	1.627719
LDAH	0.62852	1.097664	0.75253	1.601087
HEATR1	0.101785	1.317391	0.946927	1.83279
CYCS	0.01183	1.450039	1.085734	1.936582
HAUS8	0.528217	1.132776	0.768942	1.668763
SMNDC1	0.092373	1.474634	0.938084	2.318071
HDGFL3	0.079409	1.250323	0.974126	1.604832
WDR62	0.018544	1.273241	1.041315	1.556824
LRRCC1	0.984239	0.997063	0.744716	1.334918
APOO	0.044051	1.382385	1.008663	1.894574
KHK	0.514846	0.902888	0.663935	1.227843
POGLUT2	0.19852	1.166776	0.922308	1.476044
TMEM125	0.004338	0.771593	0.645671	0.922073
PHB2	0.122055	1.306176	0.931019	1.832505
CSNK2A1	0.16197	1.280767	0.905421	1.811715
FXR1	0.001599	1.694389	1.221213	2.350903
C18orf54	0.001605	1.590849	1.19226	2.122692
USP11	0.688339	1.065379	0.781824	1.451775
GNPNAT1	7.16E-06	1.919911	1.444099	2.552498
TXNDC16	0.429765	0.89207	0.671857	1.184462
CBFA2T2	0.665056	0.935459	0.691595	1.265312
NOC4L	0.294741	1.2202	0.840918	1.77055
CTPS1	0.129246	1.204065	0.947231	1.530536
NGDN	0.729152	1.076258	0.709992	1.631473
HAT1	0.026283	1.509392	1.04975	2.170293
FANCA	0.011386	1.380585	1.075436	1.772318
LIG1	0.035831	1.375877	1.021338	1.853487
METTL4	0.656866	1.091563	0.74162	1.60663
LRR1	0.293984	1.181672	0.865162	1.613975
GOLT1B	0.124046	1.220538	0.946792	1.573433
ANKRD52	0.062391	1.286062	0.987062	1.675636
ITPRIPL1	0.341692	0.848236	0.60418	1.190877
WDR5B	0.420459	0.856946	0.588626	1.247578
SLC38A7	0.150854	1.274672	0.915366	1.775015
DCUN1D5	0.038421	1.403382	1.018231	1.934219
ACLY	0.480918	1.110032	0.830362	1.483897
HSP90AB1	0.454367	1.129282	0.821248	1.552855
TMEM185B	0.319708	1.169403	0.859202	1.591597
TBPL1	0.714225	1.075437	0.728672	1.587221
METTL21A	0.118385	1.383952	0.920446	2.080864
ZNF280B	0.135781	0.82431	0.639499	1.06253
GIT1	0.543144	1.113458	0.787465	1.574406
CHEK2	0.727569	0.957976	0.752405	1.219714
DVL3	0.078174	1.318631	0.969297	1.793865

GFMI	0.011754	1.537249	1.100192	2.147929
THUMPD3	0.16194	1.352017	0.88598	2.063198
DDX50	0.628578	0.900924	0.59033	1.374933
HSD17B10	0.463523	1.153512	0.787399	1.689855
TTC39C	0.385417	0.901183	0.712484	1.139859
NLN	0.092334	1.328535	0.954367	1.849401
RNGTT	0.187306	1.304915	0.878577	1.938139
CPOX	0.540874	0.902735	0.650311	1.25314
EME1	0.059545	1.245898	0.991192	1.566055
AKT2	0.008617	1.699521	1.144132	2.524508
DDIAS	0.043165	1.258154	1.007082	1.57182
HCCS	0.015111	1.614696	1.09706	2.376573
NEK3	0.714681	1.064915	0.760101	1.491965
LRRC47	0.684904	1.097684	0.699788	1.721824
RNF7	0.328505	1.243678	0.803044	1.926089
ZCCHC3	0.751645	0.938467	0.633293	1.390699
NDC80	0.011902	1.259517	1.05224	1.507625
SEC61A1	0.055722	1.499516	0.990146	2.270925
JMJD6	0.033113	1.540543	1.035236	2.292494
UBA1	0.042109	1.470091	1.013836	2.131672
CENPH	0.00399	1.432057	1.121458	1.828679
MAP4K4	0.010403	1.422055	1.086274	1.861629
RIOX1	0.720341	1.080852	0.706165	1.654344
RPA1	0.137894	1.319485	0.914847	1.903096
CCDC34	0.010598	1.336342	1.06992	1.669107
ACTL6A	0.016582	1.410874	1.064625	1.869734
SNRPA	0.003974	2.103024	1.268087	3.487702
ERCC3	0.167292	1.374386	0.875173	2.158358
CSTF2T	0.100146	1.413705	0.93566	2.13599
PLAA	0.300454	1.201334	0.848931	1.700025
ATXN7L3B	0.28608	1.241013	0.834604	1.845321
PPM1H	0.797211	1.024775	0.850275	1.235088
TSN	0.275881	1.207789	0.86002	1.696184
FEN1	0.00356	1.432714	1.125004	1.824589
ZMYM3	0.697908	0.939779	0.686778	1.285981
ERI1	0.364349	1.162609	0.839563	1.609957
SMC1A	0.070999	1.299116	0.977858	1.725918
FYTTD1	0.007308	1.581626	1.131432	2.21095
DNAJB6	0.270105	1.257239	0.837008	1.888454
CSNK2B	0.251254	1.307438	0.82706	2.066832
CDK2	0.054645	1.305549	0.994704	1.713533
CTSV	0.001535	1.252121	1.089517	1.438992
GINS3	0.005483	1.436086	1.112378	1.853994
DNA2	0.138908	1.188121	0.945614	1.492821
PTRH2	0.546499	1.141562	0.742353	1.755449
ARNTL2	0.003533	1.25879	1.078439	1.469301
PTPN11	0.105564	1.283093	0.948761	1.735241
NUDCD1	0.066818	1.288704	0.98257	1.690217
CS	0.152774	1.294444	0.908741	1.843853
RAD1	0.450373	0.885422	0.645528	1.214464
FAM91A1	0.104978	1.286451	0.948724	1.744401
USP39	0.511044	1.154363	0.752355	1.771175
COMMD2	0.222755	1.231075	0.881351	1.71957
LMNB2	0.009318	1.363141	1.07926	1.721692



SUPV3L1	0.609046	1.119824	0.725762	1.727848
CCT8	0.013394	1.628485	1.106481	2.396755
SUDS3	0.063095	1.404679	0.981623	2.010062
MYC	0.416502	1.083885	0.892473	1.316348
RCC2	0.254879	1.204544	0.874367	1.659401
GAR1	0.131603	1.348692	0.914203	1.989678
PSMG2	0.715028	0.90633	0.534558	1.536661
SPATS2	0.004634	1.666433	1.170206	2.373085
TMEM237	0.365277	1.159563	0.841601	1.597651
PRPF4	0.035072	1.512578	1.029398	2.222552
YRDC	0.366444	1.182839	0.821613	1.70288
TET3	0.496576	1.098967	0.837212	1.44256
CCT7	0.023804	1.602488	1.064657	2.412015
XRCC6	0.022257	1.555935	1.065073	2.273022
PDCD10	0.038619	1.369595	1.0166	1.845161
TXNRD3	0.660914	0.916513	0.620825	1.353034
TBC1D7	0.971016	0.993803	0.71067	1.389737
ITGB1BP1	0.998859	1.000284	0.677664	1.476496
PRPF38A	0.745615	0.928502	0.593127	1.453509
PSMC3	0.032688	1.634272	1.04129	2.564941
GPR161	0.848911	1.023208	0.808083	1.295602
GPR180	0.212153	1.238286	0.885133	1.732341
PAK1IP1	0.904918	0.980613	0.7112	1.352085
ATG16L1	0.012951	1.723126	1.121858	2.646648
COPS3	0.421199	1.146529	0.821637	1.599892
SPC24	0.005896	1.308726	1.080627	1.584971
ALDH2	0.117815	0.842525	0.679714	1.044335
NDUFS1	0.094192	1.352245	0.949694	1.925426
THOC5	0.464587	0.87153	0.602886	1.25988
POLE	0.400413	1.120063	0.859936	1.458877
TUSC3	0.294352	1.083771	0.932473	1.259618
SMARCB1	0.95234	1.013227	0.658513	1.559011
SLC25A39	0.871749	1.028381	0.732138	1.444494
ORC3	0.443535	1.139533	0.815877	1.591581
TULP3	0.216603	1.230217	0.885625	1.708886
FAM136A	0.054296	1.443892	0.993247	2.099
RCN2	0.496544	1.118404	0.810046	1.544143
SFXN1	0.001128	1.792821	1.261644	2.547632
DBF4	0.225252	1.187457	0.899536	1.567535
GATC	0.572507	1.130463	0.738419	1.730652
LTV1	0.264042	1.242789	0.848681	1.819912
SEPTIN2	0.014773	1.676332	1.106582	2.539433
YIF1B	0.234052	1.222152	0.878265	1.70069
EIF4E	0.031987	1.648746	1.043982	2.603841
DIAPH3	0.00231	1.411677	1.130905	1.762157
SART3	0.331293	1.225947	0.812804	1.84909
PLK1	0.000419	1.383404	1.155158	1.656749
EIF4G2	0.317854	1.228642	0.820272	1.84032
EXOSC1	0.825981	1.061567	0.623211	1.808256
HPDL	0.897313	1.012674	0.836382	1.226124
RAB7A	0.114138	1.384727	0.924675	2.07367
WDR46	0.607761	1.116867	0.732326	1.703329
EMC8	0.022303	1.594843	1.068682	2.380057
MRPS10	0.010923	1.49265	1.096468	2.031981

UBE3C	0.108713	1.375683	0.931666	2.031313
SNRPD1	0.086607	1.375907	0.955152	1.982008
CASP3	0.271855	1.263027	0.83276	1.915603
TTI2	0.274133	1.29662	0.814005	2.065373
NUS1	0.120371	1.362134	0.922256	2.011815
ARHGEF39	0.071318	1.267281	0.979652	1.639357
MRFAP1	0.002758	1.992452	1.268723	3.129025
SLC2A3	0.994947	1.000489	0.859993	1.163938
ALG8	0.209479	1.238734	0.88669	1.730552
DNAJC14	0.214515	1.250074	0.878763	1.778278
RNF144A	0.56503	1.078032	0.834598	1.39247
RBM23	0.333678	1.287026	0.771629	2.146675
DNAJC10	0.046888	1.366557	1.004306	1.859472
RPRD1B	0.090907	1.371552	0.950914	1.97826
GPS1	0.234602	1.296843	0.844769	1.990842
SBK1	0.165347	0.908936	0.794238	1.040199
OTUD6B	0.079794	1.297162	0.96957	1.73544
MTPN	0.075046	1.381867	0.967864	1.972959
UBE2F	0.011165	1.784833	1.14094	2.79211
B4GALT5	0.17341	1.21147	0.919103	1.596839
NDUFA12	0.141346	1.364646	0.901767	2.06512
DNAJC19	0.328707	1.224885	0.815298	1.84024
ANXA7	0.553813	1.141201	0.737001	1.767082
ANKRD27	0.204013	1.249311	0.886144	1.761314
NASP	0.598824	1.077387	0.816152	1.422238
SLC4A1AP	0.166905	1.345809	0.883256	2.050597
DVL2	0.342271	1.186081	0.833983	1.686832
PUS7	0.584792	1.086559	0.806729	1.463453
TMEM69	0.763389	0.937616	0.616436	1.426141
SNRPD3	0.963893	0.990061	0.642448	1.525757
ZNF670	0.639584	0.919465	0.647012	1.306644
LEO1	0.051729	1.446654	0.997237	2.098606
GTSE1	0.00926	1.279466	1.062719	1.540419
POLE2	0.08013	1.218141	0.976595	1.51943
POLR2A	0.119545	1.240185	0.94576	1.626266
TRIM59	0.011961	1.487779	1.091407	2.028102
PDCD2L	0.095575	1.307256	0.953949	1.791415
DNAJC11	0.092393	1.372857	0.949168	1.985672
UBE2D2	0.269701	1.326989	0.802949	2.19304
FZD6	0.316089	0.879447	0.684129	1.130528
IMPAD1	0.098504	1.297151	0.952684	1.766171
SMC3	0.253681	1.184151	0.885852	1.582897
RIPK2	0.035745	1.323862	1.01886	1.720167
TADA2A	0.620393	0.892244	0.56825	1.400968
CSRNP2	0.506153	1.128497	0.790184	1.611656
UTP14A	0.706009	1.077467	0.731205	1.587702
HS2ST1	0.895262	1.021436	0.744864	1.400701
LRRC42	0.093634	1.314868	0.954777	1.810767
DFFA	0.469129	0.855174	0.559875	1.306225
C1orf216	0.613106	0.90671	0.620308	1.325344
PUS1	0.427222	1.146533	0.818059	1.606899
C19orf47	0.021125	1.591581	1.072179	2.362602
FOPNL	0.411852	1.155348	0.818339	1.631145
NAA35	0.075936	1.43714	0.962865	2.145027

ACTG1	0.105364	1.354496	0.938179	1.955554
ARF6	0.357847	1.197486	0.815508	1.75838
CDC5L	0.506383	1.120027	0.801721	1.56471
ZBTB2	0.486312	1.170846	0.751023	1.825351
MGME1	0.71769	1.070713	0.73929	1.550712
FP565260.	0.627405	0.908072	0.615191	1.340386
UBAP2	0.195253	1.249562	0.891946	1.750559
RFC3	0.015196	1.359489	1.060954	1.742028
ANP32B	0.003754	1.83594	1.217345	2.768874
XRCC5	0.004113	1.887691	1.223073	2.913463
PNMA1	0.376889	1.148589	0.844727	1.561754
GEMIN6	0.908181	1.028154	0.641424	1.648052
POC1B	0.019652	1.408903	1.056334	1.879147
HDDC2	0.239408	1.232058	0.870246	1.744297
SYT11	0.077349	0.78897	0.606503	1.026332
COPB2	0.013026	1.567559	1.099327	2.235225
CAD	0.247993	1.159542	0.902025	1.490578
ZWINT	0.006221	1.304989	1.078419	1.579161
H1FX	0.573271	1.097014	0.794845	1.514055
PCCB	0.283964	1.185854	0.86818	1.619768
DNAJC8	0.705238	1.094229	0.686226	1.744817
LIN52	0.959534	1.011423	0.652198	1.568506
DHFR	0.011337	1.464005	1.08995	1.966431
MRS2	0.632786	0.918701	0.648807	1.300867
NELFCD	0.831564	0.964999	0.694932	1.34002
HMGB1	0.021077	1.649654	1.078128	2.524152
CCNF	0.065456	1.260366	0.985307	1.61221
FAM111B	0.022589	1.235864	1.030198	1.482589
UBQLN1	0.0101	1.719107	1.137679	2.597682
DEPDC1B	0.003734	1.311209	1.091789	1.574726
ATXN2L	0.172636	1.275546	0.899073	1.809661
ZCRB1	0.048542	1.486143	1.002539	2.203028
SMARCD2	0.107909	1.363562	0.934303	1.990041
HPS3	0.020472	1.460645	1.060207	2.012327
RBBP8	0.786275	0.963089	0.733841	1.263953
FARSB	0.026022	1.604082	1.05808	2.431838
STIP1	0.00648	1.692802	1.158847	2.472783
KARS	0.00056	2.195281	1.404421	3.431492
RCOR2	0.201241	1.120074	0.941288	1.332817
PSRC1	0.20501	1.160763	0.921768	1.461725
CASC3	0.455723	0.874984	0.616026	1.242801
TMX1	0.15234	1.278321	0.913299	1.789233
ZNF239	0.946625	0.990987	0.76025	1.291754
MBD4	0.824975	0.955089	0.635593	1.435187
CEBPZ	0.453437	1.159254	0.78776	1.705937
ATG101	0.109937	1.401697	0.926478	2.120671
AK6	0.041061	1.61795	1.01973	2.567112
MRPS9	0.012423	1.757734	1.129552	2.735267
TRMT61B	0.993273	0.998409	0.689611	1.445484
HAUS2	0.042213	1.479702	1.013877	2.15955
PDHA1	0.122877	1.371531	0.918125	2.048848
ATP7B	0.941221	0.993403	0.833141	1.184493
PELP1	0.412576	1.146532	0.826669	1.590159
XRCC2	0.010316	1.314959	1.066723	1.620962

HSF2	0.899879	1.024483	0.702844	1.493311
COPS2	0.054338	1.465557	0.992907	2.163201
OCRL	0.397926	1.14793	0.833676	1.580641
CD81	0.070452	0.743335	0.539037	1.025063
C12orf65	0.479462	0.840517	0.519303	1.360415
C19orf48	0.002979	1.514367	1.151569	1.991463
RNASEH2A	0.0342	1.277241	1.018394	1.60188
RRM2	0.000807	1.324438	1.123687	1.561053
HARBI1	0.79625	1.064217	0.663516	1.706901
WDR12	0.169444	1.297711	0.894814	1.882014
AGBL5	0.780292	1.044244	0.770352	1.415516
ERGIC2	0.036857	1.459439	1.023338	2.081387
ACADM	0.932479	1.013413	0.74461	1.379254
KIF3C	0.214949	1.129821	0.931593	1.370229
FAM207A	0.032726	1.492322	1.033441	2.154959
PACS1	0.188315	1.242358	0.89916	1.71655
MTA2	0.003473	1.948204	1.245629	3.047053
RNF121	0.116598	1.373971	0.923937	2.04321
DHX9	0.408155	1.166767	0.809583	1.681539
RAB6A	0.470683	1.152804	0.783367	1.69647
TAF4	0.949495	0.988984	0.701984	1.393321
SARS2	0.276085	1.208252	0.859633	1.698252
SMARCA1	0.536614	1.067242	0.8682	1.311915
RNF157	0.633141	1.048744	0.862572	1.275099
AGPAT5	0.483365	1.106677	0.833534	1.469327
NAT10	0.614837	1.092428	0.774189	1.541482
MUC1	0.716485	1.027646	0.887003	1.190588
SLC30A6	0.111889	1.363295	0.930375	1.997661
SF3B2	0.047268	1.559254	1.005371	2.418285
REXO4	0.098399	1.438765	0.934594	2.214914
GPN1	0.124361	1.320909	0.92621	1.883808
ACAP2	0.176635	1.204712	0.919514	1.578366
YARS2	0.001639	1.644387	1.206576	2.24106
C12orf45	0.151666	1.318516	0.903477	1.924216
PGK1	0.080849	1.229399	0.974981	1.550208
NDC1	0.07482	1.270547	0.976308	1.653464
PSMD11	0.00607	1.555504	1.134545	2.132654
COCH	0.268846	1.078796	0.943088	1.234031
SFXN4	0.380259	1.159531	0.833086	1.613894
XPO5	0.485192	1.110662	0.827151	1.49135
PKM	0.001147	1.766841	1.25372	2.489971
RARS2	0.461729	1.158182	0.783322	1.712432
UQCRHL	0.042554	1.461974	1.012834	2.110286
MIS12	0.81042	1.054344	0.684238	1.62464
NCAPG2	0.010557	1.344345	1.071537	1.686608
ALKBH1	0.486111	0.840847	0.516264	1.369501
NAA50	0.011663	1.488854	1.092772	2.028499
CENPK	0.003718	1.367614	1.106898	1.689738
MRPL51	0.035899	1.534353	1.028581	2.288823
NMNAT3	0.335383	0.878072	0.673965	1.143991
EIF2B4	0.302912	1.306264	0.785748	2.171594
SHMT2	0.113177	1.263322	0.946044	1.687007
TK1	0.001986	1.330391	1.110195	1.594259
VARS	0.030396	1.406507	1.032816	1.915404

ZFR	0.735333	1.066142	0.735431	1.54557
TMEM199	0.926803	1.024154	0.615502	1.704124
NCAPD2	0.01497	1.334603	1.057733	1.683946
NUP54	0.321329	1.223969	0.820936	1.824869
CENPJ	0.197217	1.217467	0.902754	1.641894
GLRX5	0.854055	1.040836	0.679474	1.594381
RTN3	0.068353	1.41741	0.974066	2.062541
CLNS1A	0.470064	1.165178	0.769582	1.764126
WDR74	0.022976	1.741987	1.079624	2.810719
HNRNPK	0.044398	1.773788	1.014457	3.101484
C17orf80	0.843596	0.959744	0.638094	1.443531
HNRNPUL2	0.124494	1.335345	0.923321	1.931229
RNF8	0.956094	0.987464	0.630199	1.547265
FAM131A	0.103148	1.387611	0.935788	2.057585
RXYLT1	0.04988	1.505995	1.000215	2.267535
TBRG4	0.033355	1.454855	1.030011	2.054933
AHSA1	0.011254	1.793433	1.141626	2.817388
SOX4	0.768808	1.034532	0.824954	1.297354
PATL1	0.038068	1.383815	1.018039	1.881013
CIP2A	0.043974	1.233068	1.005671	1.511882
UBE2M	0.001715	1.994546	1.295454	3.070902
RRP12	0.303305	1.175898	0.863741	1.600869
SF3B6	0.168121	1.334837	0.885244	2.012767
UBR7	0.818054	1.047908	0.703355	1.561247
CLUH	0.078574	1.294801	0.970917	1.726728
STRAP	0.003294	1.524226	1.150726	2.018956
MINPP1	0.094441	1.355834	0.949007	1.937062
RNF31	0.510385	1.134133	0.779644	1.649802
TSC22D2	0.042282	1.309094	1.00943	1.697717
ASPM	0.000815	1.37365	1.140655	1.654239
SSR1	0.569299	1.110186	0.77455	1.591265
MCUR1	0.427059	1.141101	0.823878	1.580467
TDP2	0.014151	1.419792	1.07304	1.878596
TTC4	0.301007	1.315185	0.782538	2.210389
EIF2B3	0.672424	0.912648	0.597439	1.394163
ZFP64	0.045689	1.462914	1.007317	2.12457
PRIM1	0.022317	1.304715	1.038553	1.63909
COPRS	0.303466	1.205138	0.844672	1.719434
SYNJ2	0.089857	1.278443	0.962515	1.698068
PAQR4	0.218198	1.142949	0.923981	1.41381
ABCF3	0.023737	1.619247	1.066343	2.458834
COPS5	0.871552	1.027605	0.738703	1.429495
NUP35	0.144052	1.370494	0.897918	2.091785
PUF60	0.46908	1.136506	0.803761	1.607001
HNRNPA3	0.043921	1.516576	1.011409	2.274058
CDC20	0.009491	1.238127	1.053585	1.454993
PARP9	0.27478	1.190445	0.870639	1.627722
HSPA13	0.120407	1.219709	0.949295	1.567153
DNM1	0.63817	1.056124	0.841153	1.326034
LRRC40	0.717797	1.065518	0.755254	1.503242
C5orf22	0.89536	1.020231	0.756963	1.375061
MCM6	0.059008	1.258212	0.9913	1.59699
TTI1	0.119348	1.304311	0.933656	1.822115
TFAP4	0.456088	0.858452	0.574653	1.282409

TRAIP	0.208718	1.198498	0.903717	1.589433
SNRNP200	0.324337	1.163382	0.861043	1.571882
KIF4A	0.004034	1.275413	1.080534	1.505439
HNRNPUL1	0.186608	1.294093	0.882678	1.897269
ZYG11A	0.817278	0.975846	0.793053	1.200771
NOLC1	0.031068	1.410488	1.031797	1.928167
PGM2	0.004356	1.469	1.127736	1.913534
ACOT7	0.052411	1.329481	0.997035	1.772775
TACC3	0.000289	1.553683	1.224349	1.971603
ERMP1	0.387277	1.104925	0.881247	1.385377
PANX1	0.017907	1.450792	1.066156	1.974191
CARMIL1	0.979736	1.003981	0.738887	1.364185
DDX23	0.004097	1.778004	1.200283	2.633793
DDX55	0.421849	1.153827	0.813783	1.635962
GAS2L3	0.14338	1.224934	0.933459	1.607423
POLD2	0.025786	1.430819	1.044251	1.960489
PRPS1	0.957969	1.008514	0.735789	1.382325
IMMT	0.103671	1.399233	0.933635	2.097022
PRR11	0.007366	1.271828	1.066722	1.51637
TTF2	0.338907	1.204935	0.822301	1.765617
ECD	0.292885	1.265439	0.816063	1.962269
SRSF1	0.05682	1.716506	0.984444	2.992951
SLC44A1	0.073742	1.332175	0.972828	1.824258
CIAO1	0.739949	1.093474	0.645131	1.853401
EIF2B5	0.1427	1.342638	0.905446	1.990926
RUBCN	0.418025	1.159298	0.81065	1.657894
EIF3B	0.028349	1.465602	1.041364	2.062669
DHX35	0.883956	0.971201	0.655976	1.437904
FH	0.038686	1.462953	1.019987	2.098294
PFKM	0.757642	1.04921	0.773307	1.423551
POLD1	0.170007	1.226513	0.916255	1.641829
ZW10	0.143362	1.281994	0.919158	1.788058
FAM20B	0.199713	1.29404	0.872665	1.91888
TSR2	0.800608	0.947029	0.620775	1.44475
QSOX2	0.350957	1.162719	0.847017	1.59609
ABRACL	0.827782	0.970981	0.74471	1.266001
SNRPB	0.459256	1.115971	0.834549	1.492294
ANKRD13B	0.844333	0.977021	0.774689	1.232199
SRM	0.180602	1.271033	0.894718	1.805626
EAF1	0.011968	1.728039	1.127939	2.647412
EEF1E1	0.025826	1.489256	1.049215	2.11385
RINT1	0.782828	1.057401	0.711013	1.572542
AP3M1	0.477109	1.147486	0.785302	1.67671
FBXL18	0.168511	1.221952	0.91864	1.625409
ERLIN1	0.002621	1.598551	1.177674	2.169839
HCN3	0.608607	1.069792	0.826329	1.384988
FANCF	0.296856	1.237785	0.829055	1.848022
DIABLO	0.080831	1.485192	0.952656	2.315417
BOLA2__SM	0.100891	1.280675	0.952976	1.721061
TOP3A	0.36551	1.16835	0.834096	1.636552
CCDC59	0.10001	1.342994	0.945061	1.908484
PA2G4	0.012217	1.681136	1.119809	2.52384
SND1	0.403536	1.203454	0.779315	1.858427
PARS2	0.332522	0.82645	0.562058	1.215212

SC01	0.196434	1.32576	0.864279	2.033649
DCAF11	0.670975	0.906207	0.575287	1.427478
PLK4	0.01471	1.306063	1.053883	1.618586
PPP2CA	0.026413	1.76606	1.068911	2.917893
CKAP4	0.001572	1.590141	1.192725	2.119975
DYNLL1	0.002671	2.062446	1.285906	3.307927
NAA15	0.081525	1.335916	0.964394	1.850562
HMBS	0.018632	1.415415	1.059725	1.890491
NEIL3	0.000158	1.351223	1.155841	1.579632
RANBP1	0.037117	1.376998	1.019292	1.860235
ZNF343	0.728553	0.929533	0.615235	1.404393
NAP1L1	0.737036	1.068508	0.725775	1.57309
ZNF639	0.349696	1.18571	0.829723	1.694433
ARF3	0.022152	1.542947	1.064111	2.237254
SMC6	0.190249	1.251121	0.894761	1.74941
PDCL3	0.121703	1.367456	0.92001	2.032518
TEDC1	0.081722	1.274557	0.969916	1.674883
EIF2B1	0.137089	1.448312	0.888781	2.360096
MKI67	0.006344	1.255726	1.066301	1.478801
SLC25A32	0.289329	1.214177	0.847975	1.738527
MPHOSPH6	0.055878	1.443539	0.99083	2.103091
CPSF7	0.206348	1.285075	0.870923	1.89617
OXCT1	0.460872	0.931031	0.76997	1.125782
ANAPC5	0.53204	1.15906	0.729524	1.841503
POLR1B	0.402148	1.174894	0.805825	1.712996
SLC27A1	0.052895	0.740933	0.546929	1.003753
GSS	0.052179	1.43963	0.99657	2.079668
STX3	0.637887	0.92111	0.654171	1.296973
CDC25C	0.007186	1.3238	1.078942	1.624228
TRAP1	0.158076	1.289791	0.905865	1.836433
MCRS1	0.035316	1.603307	1.033	2.488474
MAD2L1	0.012252	1.27335	1.053969	1.538393
XYLB	0.573465	0.915428	0.673001	1.245181
TFAP2A	0.00063	1.274667	1.109081	1.464975
GAPDH	0.000118	1.705849	1.2998	2.238745
ESPL1	0.011893	1.271408	1.054445	1.533012
ENTR1	0.946299	1.013024	0.695172	1.476207
E2F6	0.707823	1.076836	0.731171	1.585916
PPAT	0.009021	1.441668	1.095527	1.897176
HELLS	0.046242	1.249892	1.003724	1.556435
PM20D2	0.543261	1.083985	0.835798	1.40587
YWHAQ	0.320684	1.180091	0.851094	1.636263
HNRNPF	0.06001	1.469052	0.983924	2.193375
MRPL35	0.22501	1.33909	0.835533	2.14613
NPEPPS	0.588508	1.097827	0.782862	1.539511
HSPA9	0.014	1.511241	1.087161	2.100746
DONSON	0.028215	1.368839	1.034095	1.811942
GLO1	0.859759	0.973218	0.720147	1.315221
MRPL39	0.020651	1.55879	1.070328	2.270169
XPOT	0.075197	1.313537	0.972682	1.773837
HNRNPH3	0.321736	1.214925	0.826634	1.785607
RRP36	0.086784	1.438606	0.94883	2.181198
PROSER1	0.621666	1.074579	0.807553	1.4299
WDYHV1	0.202361	1.19835	0.907337	1.582699

GYS1	0.03215	1.483362	1.034173	2.127657
FIGNL1	0.391137	1.114374	0.870044	1.427317
MKRN2	0.372235	1.227299	0.782649	1.924569
POP1	0.289323	1.191293	0.8618	1.646762
CDC7	0.086881	1.225129	0.971031	1.54572
CXorf56	0.872987	1.033124	0.692852	1.540509
RAD51C	0.983658	1.004691	0.642029	1.572209
USP14	0.117433	1.338908	0.92913	1.929411
BLM	0.004912	1.419388	1.112028	1.811701
NOM1	0.703256	1.077211	0.734693	1.579412
EED	0.974601	1.007044	0.65373	1.551308
CCNE1	0.020214	1.216028	1.03099	1.434275
OTX1	0.268895	1.114449	0.919675	1.350473
STT3A	0.105513	1.332842	0.941224	1.887402
XPNPEP1	0.011445	1.632495	1.116556	2.386838
HJURP	0.00057	1.349867	1.138091	1.601049
SMC4	0.057606	1.233052	0.993261	1.530733
HNRNPC	0.014048	1.842974	1.131432	3.001994
LAS1L	0.369251	1.20125	0.805013	1.792521
NRF1	0.627018	1.155719	0.644676	2.071874
ZNF22	0.797669	0.952161	0.654554	1.38508
MYBL2	0.019803	1.168095	1.024985	1.331185
FTSJ3	0.049208	1.485781	1.001375	2.204513
SMN2	0.321843	1.129828	0.887426	1.438443
PERP	0.013036	1.283828	1.05402	1.563741
RAB5IF	0.003278	1.594315	1.168275	2.175719
EIF4EBP1	0.037123	1.201151	1.011002	1.427062
SRPK1	0.012777	1.490281	1.088626	2.040127
MLF2	0.076011	1.375731	0.967175	1.956872
PDCL	0.624414	1.125527	0.701084	1.806931
H2AFZ	0.008346	1.442976	1.098811	1.894939
INTS8	0.099718	1.349029	0.94454	1.926735
BMS1	0.070999	1.417677	0.970579	2.07073
ZNF711	0.997966	0.999704	0.796342	1.254998
CDH24	0.054554	1.217522	0.996162	1.488072
NKIRAS2	0.048604	1.465158	1.002344	2.141668
RNF4	0.004626	1.912505	1.220987	2.995669
HINFP	0.71712	0.922481	0.596198	1.427329
TDG	0.011979	1.495422	1.092564	2.046826
NFS1	0.636638	1.100566	0.739527	1.637866
BORA	0.004065	1.484927	1.133891	1.944639
DTD1	0.42613	0.854076	0.579144	1.259523
CENPV	0.989737	1.001277	0.824382	1.216129
CKS2	0.025991	1.270769	1.029086	1.569213
PPRC1	0.400345	1.149864	0.830443	1.592148
SMU1	0.639228	1.108733	0.720122	1.707055
PPIH	0.867731	1.030902	0.720554	1.474919
MAGOH	0.486971	0.860367	0.563017	1.314758
CNOT10	0.092456	1.536984	0.931594	2.535783
KIF2C	0.010682	1.243366	1.051894	1.469691
TEX10	0.077936	1.430072	0.960777	2.128595
LSG1	0.016507	1.404726	1.063985	1.854589
PCLAF	0.013642	1.258323	1.048324	1.510388
AFG3L2	0.591783	1.096241	0.783525	1.533766



ZMPSTE24	0.759836	1.055258	0.747471	1.489783
NARS	0.005469	1.641205	1.157071	2.327907
C19orf57	0.804614	0.969186	0.756332	1.241943
FANCI	0.003656	1.370198	1.108008	1.694431
QTRT2	0.267875	1.243406	0.845757	1.828018
TM9SF4	0.071841	1.420577	0.969308	2.081939
C2orf69	0.616184	1.101809	0.75417	1.609695
RFT1	0.204862	1.362368	0.844665	2.197376
CRNKL1	0.6201	1.1036	0.747377	1.629611
WDR53	0.024462	1.436071	1.047727	1.968357
COPS7B	0.064588	1.50813	0.975436	2.331733
WSB2	0.051435	1.375416	0.998017	1.895527
FAM234B	0.672489	1.057523	0.815967	1.370588
HBS1L	0.052199	1.438855	0.996544	2.077483
TMX2	0.001544	2.078127	1.321384	3.268247
GNB1L	0.418292	1.178131	0.792129	1.752231
TRMT12	0.28792	1.228863	0.84029	1.797123
NOL7	0.277125	1.260035	0.83052	1.911678
LRRC59	0.014773	1.565332	1.09182	2.244202
NUP205	0.413579	1.131273	0.841699	1.520471
NRAS	0.075731	1.328628	0.970998	1.817976
RFC4	0.010648	1.302374	1.063379	1.595083
MRPL15	0.086555	1.245866	0.968926	1.601962
FOXA1	0.660412	1.037092	0.881567	1.220054
SELENOI	0.017896	1.324001	1.049525	1.670259
MTCH1	0.750265	1.068132	0.7118	1.602848
PTDSS1	0.123977	1.325318	0.925699	1.897449
KANSL2	0.823194	1.047253	0.698493	1.57015
COPZ1	0.015254	1.843894	1.124794	3.022727
RPP30	0.228204	1.337305	0.833514	2.145594
FBXO21	0.485555	1.133426	0.797125	1.611611
RAD54B	0.19752	1.279326	0.879567	1.860774
KNL1	0.000907	1.497561	1.179718	1.90104
CCNA2	0.001361	1.311367	1.110921	1.54798
UHRF1	0.007472	1.303666	1.073459	1.583241
RPA2	0.647944	0.908825	0.602925	1.369927
KDM1A	0.150067	1.301258	0.909136	1.862509
IGFBPL1	0.04917	0.861961	0.743379	0.99946
SUV39H2	0.498284	1.114421	0.814474	1.524829
CHAF1B	0.020338	1.318004	1.043788	1.66426
EXT2	0.551022	1.134306	0.74958	1.716495
EIF1AD	0.053705	1.593336	0.9926	2.557645
ABCC5	0.505025	0.922262	0.726973	1.170012
AKIRIN1	0.806508	1.041657	0.751433	1.443974
TERF1	0.957845	0.990061	0.683613	1.433882
POLA1	0.344068	1.164094	0.849756	1.594711
PRDM4	0.322989	1.215281	0.825571	1.788955
SMUG1	0.166126	1.294494	0.898329	1.865369
TRIP13	0.026081	1.216703	1.02364	1.446178
C1orf131	0.142887	1.429817	0.886247	2.306781
ZNF746	0.167205	1.367791	0.877019	2.133195
C2orf15	0.963283	0.993655	0.757788	1.302939
MTHFD2	0.046816	1.24867	1.003133	1.554307
ANP32A	0.01929	1.609663	1.080354	2.3983

AP2B1	0.168969	1.256973	0.907398	1.74122
DTYMK	0.004073	1.553859	1.150286	2.099023
RAMAC	0.105917	1.376881	0.934376	2.028948
TRIB3	0.027419	1.25103	1.025248	1.526535
CPT1C	0.813578	1.029521	0.808382	1.311154
RHPN2	0.000561	1.364778	1.143739	1.628534
FAM102B	0.493834	1.092947	0.847289	1.40983
CSE1L	0.0172	1.389147	1.060015	1.820475
UBE2D1	0.083458	1.366889	0.959496	1.947259
E2F8	0.023296	1.240514	1.029751	1.494413
E2F2	0.090556	1.226484	0.968249	1.55359
VRK2	0.016737	1.54969	1.082405	2.218707
TMEM132A	0.34897	1.092313	0.908029	1.313998
KIF11	0.004417	1.313897	1.08876	1.585588
PRMT1	0.021293	1.604831	1.072952	2.400369
PEX5	0.792487	0.951667	0.657957	1.376487
DUSP14	0.077839	1.29328	0.971734	1.721227
CCDC86	0.021118	1.439407	1.05616	1.961722
MAPK8IP2	0.457618	0.938083	0.792492	1.110422
ADRM1	0.127488	1.346626	0.918409	1.974504
SNRNP27	0.061408	1.542114	0.979506	2.427873
HNRNPLL	0.673521	0.911603	0.592687	1.402125
HSPH1	0.010524	1.460364	1.092585	1.951942
SRP54	0.204239	1.208835	0.902004	1.62004
TGIF2	0.361098	0.86431	0.632057	1.181904
ARL5B	0.206479	1.214216	0.898493	1.640882
NELFA	0.053652	1.45459	0.994127	2.128331
DPH2	0.760548	1.05325	0.754447	1.470394
PNPO	0.946135	1.010866	0.7388	1.383123
PSMD14	0.007337	1.620837	1.13872	2.307075
PSMC4	0.001191	1.817837	1.266465	2.609255
JARID2	0.340079	1.163937	0.852081	1.58993
TBP	0.2534	1.288097	0.8342	1.988965
CLCN2	0.140507	1.248517	0.929419	1.677172
EXO1	0.000821	1.333542	1.126605	1.578489
MPHOSPH1C	0.786761	0.938046	0.590175	1.490963
MAPK12	0.26761	1.136399	0.906469	1.424651
IDH3A	0.041087	1.445285	1.01502	2.057936
RECQL4	0.191745	1.130457	0.940371	1.358967
POLR2B	0.200479	1.283881	0.875737	1.882243
MYL6B	0.224203	1.208868	0.890302	1.641422
MYO19	0.022263	1.354822	1.044244	1.757772
KDM2B	0.83978	0.958412	0.634913	1.446741
CENPP	0.419422	1.229782	0.74435	2.031792
NAPSA	0.010111	0.914531	0.85434	0.978963
VAPB	0.942793	1.012113	0.728471	1.406196
RUVBL1	0.022767	1.448804	1.053022	1.993343
HMGXB4	0.374289	1.171891	0.825889	1.662849
CSNK2A2	0.027297	1.626813	1.056031	2.506103
PCBP2	0.054879	1.575612	0.990542	2.506257
NCOA5	0.896455	0.973608	0.650794	1.456547
ERI3	0.524492	0.871478	0.570521	1.331195
LNP1	0.235015	0.795998	0.546226	1.159981
UBTF	0.641788	0.9065	0.599449	1.370829

BBS7	0.263312	1.297272	0.822209	2.046821
RDH14	0.612061	1.124117	0.715213	1.766803
EZH2	0.214455	1.144843	0.924691	1.417409
TMEM189	0.006464	1.628544	1.146475	2.313312
MAD2L2	0.646875	1.068851	0.803893	1.421136
PPP5C	0.018903	1.605497	1.081282	2.383857
RNF216	0.521677	1.131571	0.775318	1.65152
GPATCH1	0.201177	1.274555	0.878627	1.848898
RWDD4	0.016347	1.831603	1.1176	3.001763
C1GALT1C1	0.382983	0.911018	0.738925	1.123191
H2AFX	0.000204	1.701136	1.285206	2.251672
RPL7L1	0.497607	1.131007	0.792441	1.614224
EFTUD2	0.581332	1.118794	0.750722	1.667327
LSM3	0.038332	1.639182	1.026917	2.616488
MTDH	0.094319	1.300114	0.955988	1.768115
SF3A1	0.622217	1.091076	0.771385	1.543258
AASDHPPT	0.099829	1.382014	0.940083	2.031696
CEP76	0.432157	1.164534	0.796327	1.702993
TRO	0.522801	1.086324	0.842693	1.400391
PRELID3A	0.576899	1.100043	0.786934	1.537733
POLDIP2	0.078456	1.450799	0.95854	2.195858
SF3A3	0.594697	1.123386	0.731792	1.724529
MAP1B	0.155865	1.125151	0.956055	1.324154
GBE1	0.062593	1.290178	0.986695	1.687004
ACTR6	0.105837	1.352139	0.938057	1.949006
PROB1	0.116058	1.365313	0.925925	2.013208
OAS3	0.102713	1.172236	0.968551	1.418754
HLTF	0.234461	1.165249	0.905583	1.499373
SNRPA1	0.020598	1.557905	1.070404	2.267432
DDX27	0.186057	1.248011	0.898677	1.733139
SERP1	0.806739	1.047281	0.723306	1.516366
AIMP2	0.05547	1.368211	0.992696	1.885776
HMG2	0.586977	1.096505	0.786413	1.528871
CEBPZOS	0.832552	1.041408	0.714944	1.516945
MCTS2P	0.483287	1.08721	0.860571	1.373535
MRPL30	0.064679	1.436666	0.978179	2.110053
PSMB2	0.043289	1.527418	1.012857	2.30339
PRDX1	0.319093	1.146853	0.875879	1.501658
ZNF232	0.813683	1.047057	0.714316	1.534795
STMN1	0.716124	1.039178	0.844764	1.278333
MRPS30	0.542655	1.116763	0.78263	1.593549
TOE1	0.793382	0.94349	0.610514	1.458072
ABCF1	0.401574	1.148809	0.830756	1.588627
ENY2	0.149838	1.361428	0.894602	2.071855
SLC5A6	0.132404	1.260524	0.932344	1.704222
GCSH	0.089679	1.330102	0.956777	1.849095
H1FO	0.27913	1.161821	0.885471	1.524417
SLC3A2	0.004989	1.503778	1.131097	1.999254
CDYL	0.701571	1.068926	0.760132	1.503162
AATF	0.121058	1.353195	0.923195	1.983478
PARG	0.179302	1.289301	0.889801	1.868167
POM121	0.295973	1.174345	0.868766	1.587408
EIF4A3	0.26084	1.198343	0.87419	1.642694
TOMM5	0.095323	1.330891	0.951189	1.862165

PGAM5	0.210147	1.234079	0.888139	1.714767
DTL	0.002345	1.379176	1.121197	1.696515
COX15	0.217301	1.271788	0.868035	1.863339
ADA	0.052106	1.232106	0.998099	1.520977
ERAL1	0.166516	1.3532	0.881583	2.077116
NOL6	0.449369	1.135995	0.816392	1.580718
LLGL1	0.663903	1.065305	0.800851	1.417087
CLDND1	0.351384	1.18457	0.829564	1.691499
REX05	0.255077	1.203859	0.874609	1.657055
TOPBP1	0.130766	1.233848	0.939486	1.62044
GMFB	0.080608	1.363518	0.96294	1.930734
GNB1	0.625424	1.122803	0.705249	1.787576
MCFD2	0.140328	1.289951	0.919606	1.80944
ZNF74	0.367124	0.852326	0.602278	1.206186
ANLN	0.000478	1.300886	1.122353	1.507819
CENPN	0.001442	1.467719	1.15913	1.858463
PSMC3IP	0.143651	1.22836	0.9324	1.618262
UBE2C	0.012473	1.197188	1.039554	1.378724
GTF3C3	0.046328	1.533777	1.006986	2.336152
XRN2	0.961158	1.008309	0.722706	1.406779
POLR1E	0.916142	1.01985	0.707364	1.47038
EIF5A2	0.229422	1.170105	0.905658	1.511769
MARS2	0.994361	0.998772	0.710261	1.404476
CDCA5	0.001065	1.342439	1.125391	1.601348
NCBP2	0.030127	1.507067	1.040216	2.183441
ABRAXAS2	0.458272	1.174406	0.767927	1.796043
NKAPD1	0.824846	1.047157	0.696289	1.574832
TMEM209	0.414628	1.157365	0.814663	1.64423
MRPL19	0.063974	1.421502	0.979777	2.062375
EIF5	0.656575	1.097688	0.727866	1.655413
DSCC1	0.026688	1.239893	1.02516	1.499605
RND2	0.475393	0.931592	0.766862	1.131708
KIF7	0.417119	0.90531	0.71194	1.151201
NSD2	0.01867	1.401191	1.057843	1.855979
CENPW	0.051573	1.1925	0.998799	1.423765
MARCKSL1	0.870572	1.019202	0.810764	1.281228
UBE20	0.495357	1.125647	0.801013	1.58185
C1orf74	0.730031	1.079756	0.698307	1.669572
FAM162A	0.3797	1.154572	0.837818	1.59108
TIMM8A	0.805378	1.045664	0.733053	1.491588
RAB10	0.004645	1.619676	1.159897	2.261711
C12orf4	0.867702	1.032214	0.710808	1.498952
DAG1	0.128035	1.246334	0.938582	1.654995
FBX017	0.234671	1.13806	0.919466	1.408623
GDAP1	0.408814	0.904978	0.714076	1.146915
CDCA4	0.032125	1.302236	1.022795	1.658025
RDX	0.008686	1.3603	1.080997	1.711768
CEP250	0.807547	1.033171	0.794589	1.343388
TIGD3	0.400972	0.864174	0.614686	1.214923
SNRPB2	0.663048	1.089775	0.740259	1.604317
CABLES2	0.900255	0.982957	0.751275	1.286088
TMA16	0.012111	1.677661	1.11986	2.513302
PYGL	0.043489	1.238999	1.006284	1.525532
CACYBP	0.038108	1.435566	1.020027	2.020388

PHF8	0.802671	0.964294	0.725035	1.282507
DNAJC7	0.250541	1.322973	0.82076	2.132485
DDX39A	0.138779	1.265781	0.926483	1.729338
KPNA2	0.005722	1.352741	1.091806	1.676039
ARL6IP1	0.050474	1.46656	0.99921	2.152498
RBMX	0.666219	1.113102	0.684048	1.811271
MDH1	0.126133	1.380882	0.913183	2.088118
BRCA1	0.037485	1.253751	1.013181	1.551441
VANGL1	0.014256	1.444986	1.076499	1.939606
DENND10	0.33666	1.230957	0.805658	1.880768
PSMD2	0.000373	1.667683	1.258256	2.210335
SRP72	0.016469	1.514121	1.078774	2.125156
UFD1	0.077518	1.426545	0.961576	2.116349
USP5	0.019228	1.53951	1.072765	2.209331
RITA1	0.312236	1.207585	0.8376	1.741
RTKN	0.598058	1.089241	0.792698	1.496717
YES1	0.11068	1.260798	0.948378	1.676138
HNRNPA0	0.421933	1.184168	0.783866	1.788896
CCDC15	0.516359	1.110861	0.808652	1.52601
SMARCE1	0.409372	0.834829	0.54367	1.281916
KLHL23	0.974609	1.004181	0.77666	1.298353
R3HDM1	0.010128	1.640626	1.124933	2.392725
FIP1L1	0.089156	1.347689	0.95537	1.901111
FAM220A	0.474935	1.121357	0.819002	1.535333
SPAST	0.426641	1.15099	0.813765	1.627959
GNAI3	0.252536	1.273924	0.841471	1.928626
PHLPP1	0.014107	1.450989	1.077888	1.953236
KIAA1586	0.343132	0.846298	0.599348	1.194999
XP01	0.169107	1.315756	0.889835	1.945546
CNKSR3	0.788089	0.958036	0.70085	1.309601
FAM210A	0.227845	1.2382	0.874944	1.752271
TOX4	0.728835	1.082264	0.692193	1.692151
SMC2	0.003682	1.463387	1.131779	1.892155
MELK	0.010381	1.222891	1.048475	1.426323
DCLRE1A	0.800356	1.040342	0.765693	1.413507
EIPR1	0.047837	1.529339	1.004056	2.329432
KIAA1549	0.064473	1.224699	0.987897	1.518264
NUDT19	0.010285	1.507755	1.101853	2.063184
HTRA2	0.372402	0.824606	0.539777	1.259734
GCN1	0.066592	1.350835	0.979629	1.8627
HACD2	0.121934	1.265811	0.938963	1.706432
NETO2	0.048595	1.236084	1.001308	1.525908
U2AF2	0.06936	1.49442	0.96867	2.305522
SFR1	0.587926	1.095204	0.788193	1.521801
HIC2	0.284041	1.18378	0.869398	1.611847
TATDN2	0.521481	1.181644	0.709364	1.968359
PRIMPOL	0.130776	1.359331	0.912832	2.024228
ATP5F1C	0.352758	1.206821	0.811789	1.794081
FOXM1	0.002799	1.264415	1.084119	1.474696
CHCHD3	0.030695	1.520536	1.039757	2.223626
AURKA	0.00357	1.31556	1.093939	1.582079
PSMB7	0.002565	2.024686	1.280084	3.20241
CDK5R1	0.027056	1.291975	1.029482	1.621399
DMAC2	0.105786	1.390847	0.932517	2.074445

BRIX1	0.292429	1.174054	0.870869	1.58279
ZNF165	0.492682	0.898994	0.663202	1.218619
ATIC	0.013512	1.604684	1.10258	2.335441
NELFE	0.355113	1.190829	0.822402	1.724307
DLGAP4	0.360271	1.166595	0.838592	1.622892
TYMS	0.007518	1.319809	1.07683	1.617614
PFKFB4	0.364073	1.110805	0.885291	1.393765
EIF2S1	0.012104	1.64289	1.114777	2.421189
LIG3	0.754559	1.057495	0.744858	1.501354
DPF2	0.058526	1.613273	0.982898	2.647935
GOLGA5	0.402725	1.190021	0.791739	1.78866
PDCD2	0.152498	1.403809	0.882094	2.234094
SIGMAR1	0.449919	1.149108	0.801271	1.647945
VAMP7	0.528452	1.11299	0.797884	1.552539
OSGIN2	0.048255	1.282185	1.001909	1.640866
SPINDOC	0.081648	1.320472	0.965677	1.805622
ZNF473	0.753154	1.06366	0.724035	1.562592
LZIC	0.908164	1.022992	0.69524	1.505255
CAMSAP1	0.722158	1.05778	0.776117	1.441662
HMMR	0.001318	1.347043	1.12314	1.615582
CCNY	0.522785	0.875633	0.582676	1.315883
TBCB	0.173876	1.268892	0.90024	1.788509
PSMA1	0.041768	1.683582	1.019601	2.779959
NUP160	0.620236	1.08928	0.776673	1.527709
DDX54	0.021036	1.522056	1.065283	2.174686
MUTYH	0.45813	0.875522	0.616245	1.243887
TROAP	0.015805	1.219718	1.038021	1.433221
DNAJC25	0.077924	1.444139	0.959741	2.173021
EIF5A	0.00315	1.716306	1.199158	2.456477
MAIP1	0.076774	1.416032	0.963295	2.08155
FANCD2	0.005516	1.481595	1.122418	1.95571
ANAPC7	0.549694	1.143398	0.737095	1.773663
DDX10	0.155641	1.287945	0.908236	1.826401
PRPF18	0.240975	1.332399	0.824715	2.152608
ECT2	0.000114	1.445881	1.198933	1.743694
ANKLE2	0.78322	1.052331	0.731712	1.513438
TMEM65	0.132142	1.209331	0.944272	1.548792
CMTR1	0.601336	0.903644	0.617919	1.321487
GNL3	0.424276	1.147916	0.818378	1.610151
SRP68	0.022495	1.655865	1.073744	2.553578
SPTLC1	0.054487	1.444342	0.992947	2.100941
AHCY	0.125533	1.271158	0.935165	1.72787
ZMYND19	0.447688	1.148455	0.803411	1.641687
MEST	0.796787	1.033807	0.802668	1.331506
MED27	0.490572	1.136086	0.790455	1.632848
JADE3	0.836893	1.03662	0.736062	1.459906
MAGOHB	0.01973	1.560022	1.073428	2.267193
NCOA6	0.347525	1.145223	0.863023	1.519699
APTX	0.602015	1.124538	0.723434	1.74803
RELA	0.012692	1.964553	1.155148	3.341101
BANP	0.303554	1.223301	0.83326	1.795917
TMEM117	0.065896	1.308453	0.982491	1.742559
POLR3A	0.412866	1.155252	0.817821	1.631904
DBF4B	0.189017	1.201876	0.913471	1.581337

GLE1	0.568222	1.117547	0.762953	1.636944
PN01	0.134067	1.292401	0.923999	1.807687
ILKAP	0.537659	1.161771	0.721178	1.871538
FASTKD2	0.226978	1.312323	0.844403	2.039536
SRSF3	0.78181	1.077286	0.636113	1.824432
MRPL44	0.022931	1.791766	1.084011	2.961617
NUDT5	0.70919	1.069775	0.750498	1.524878
H2AFY2	0.375375	1.078451	0.912594	1.274452
PCNX3	0.065389	1.37986	0.979699	1.943468
MAPK1	0.416527	1.16182	0.809095	1.668315
OLA1	0.007908	1.673059	1.144385	2.445965
C12orf43	0.090067	1.595531	0.929583	2.73856
HMGCS1	0.055232	1.231043	0.995357	1.522535
M6PR	0.51488	1.10243	0.822045	1.478448
TPI1	0.001207	1.704135	1.234059	2.353273
DUT	0.023371	1.597412	1.065552	2.394745
PMS2	0.81141	1.04271	0.739545	1.470153
TAF13	0.311408	1.173192	0.861106	1.598385
PIGU	0.153456	1.290181	0.909326	1.830552
CERS5	0.424376	1.220356	0.748676	1.989204
PREB	0.202906	1.332495	0.856589	2.072806
PPM1G	0.011864	1.667508	1.119666	2.483405
PROSER3	0.152787	1.237924	0.923902	1.658678
NSF	0.65411	1.080874	0.769186	1.518865
PSMC6	0.024755	1.589969	1.060681	2.383375
SLC35A5	0.608371	1.104955	0.754307	1.618606
BTBD3	0.082724	1.273242	0.969178	1.672702
DLG5	0.169875	1.161152	0.938065	1.437291
PAICS	0.001392	1.572522	1.19137	2.075614
ADO	0.992857	0.997879	0.626853	1.588508
AP2S1	0.000606	1.964352	1.335436	2.889453
RBPMS2	0.172505	1.124879	0.949908	1.332079
NDUFA9	0.05495	1.431118	0.992429	2.063723
SNX5	0.318522	0.8077	0.530894	1.228831
TAF5	0.069163	1.45216	0.971151	2.171411
RAD51AP1	0.054038	1.194795	0.996916	1.431951
ALKBH2	0.9409	0.987224	0.702729	1.386895
LDLRAD3	0.007331	1.340017	1.081931	1.659666
VRK1	0.373047	1.13652	0.857615	1.506128
ZNF367	0.024653	1.298741	1.033933	1.631371
PSMD9	0.04937	1.612311	1.001318	2.596126
MRPS22	0.013998	1.662568	1.108372	2.493866
PCMT1	0.070978	1.423803	0.970249	2.089375
CDKN2C	0.767427	1.035356	0.822406	1.303445
CD3EAP	0.003247	1.555559	1.159067	2.087682
EMG1	0.429361	1.178409	0.78429	1.770581
NIPSNAP1	0.746193	1.045376	0.799036	1.367662
TBC1D23	0.940075	1.014926	0.689729	1.49345
STRN3	0.235436	1.215339	0.88061	1.677303
UBE2R2	0.046678	1.501578	1.005995	2.241301
E2F7	0.000474	1.385447	1.153942	1.663397
ZNF300	0.611742	1.053046	0.862523	1.285654
CENPO	0.01692	1.422961	1.065326	1.900657
SPDL1	0.001578	1.596228	1.19433	2.133367

TIMM21	0.071301	1.494668	0.965747	2.313268
JPT1	0.008343	1.463262	1.102774	1.941591
TPRKB	0.08766	1.392466	0.952306	2.03607
FAM104A	0.008009	1.819721	1.169029	2.832594
ZC3H15	0.00727	1.77005	1.166574	2.685709
HDAC1	0.136961	1.364935	0.905837	2.056715
UTP4	0.060897	1.501698	0.981576	2.297425
UMPS	0.077455	1.405404	0.963239	2.050541
CDKN3	0.002597	1.29768	1.095277	1.537486
USP28	0.687269	1.064049	0.786489	1.439563
CHAF1A	0.026739	1.337415	1.034079	1.72973
PHF6	0.690123	1.070019	0.767187	1.492389
KPTN	0.183442	1.219898	0.910195	1.63498
PRTFDC1	0.575634	1.062604	0.859084	1.31434
SLC15A4	0.21451	1.33463	0.846086	2.105267
SEC23B	0.313039	1.175081	0.858904	1.607649
PSMC5	0.00523	1.998297	1.229245	3.248492
CENPU	0.002036	1.361062	1.118972	1.655529
ABCE1	0.1161	1.301191	0.936964	1.807005
MARK2	0.02939	1.49436	1.041069	2.145018
ACPP	0.213166	0.856008	0.67015	1.093412
TTC7B	0.543953	0.879693	0.581479	1.330847
CDT1	0.002584	1.314672	1.100358	1.570727
TRIM37	0.359372	1.151039	0.852032	1.554976
TDP1	0.214642	1.191743	0.903347	1.572211
PTTG1	0.007774	1.292928	1.070082	1.562182
VPS37C	0.70295	1.075771	0.739078	1.565846
SMARCAL1	0.006439	2.111164	1.233299	3.613898
CCDC85C	0.090137	1.335995	0.955666	1.867684
ARHGAP11A	0.000526	1.412125	1.161855	1.716306
DNTTIP2	0.127103	1.364888	0.915248	2.035426
HENMT1	0.644432	0.958125	0.79896	1.148998
ANAPC13	0.302329	1.265253	0.809133	1.978493
CTBP2	0.222875	1.269187	0.86509	1.862044
KIF1BP	0.078874	1.392031	0.962564	2.013114
LSM12	0.299826	1.203107	0.8482	1.706517
TCF19	0.171956	1.154568	0.93941	1.419005
RPE	0.005315	1.713489	1.173334	2.502309
RAD51	0.001519	1.413204	1.141206	1.750031
RAB18	0.368957	1.200757	0.805601	1.78974
MAZ	0.225049	1.247241	0.872852	1.782215
NAIF1	0.812662	1.061099	0.649757	1.73285
CCNB2	0.003516	1.312164	1.093339	1.574785
EHHADH	0.369839	1.134965	0.860626	1.496755
KNTC1	0.080633	1.24603	0.973546	1.59478
PIF1	0.162876	1.17556	0.936665	1.475386
NCAPH	0.021042	1.220872	1.030493	1.446423
MICALL1	0.152663	1.233125	0.925313	1.643334
KIF21A	0.201542	1.168836	0.919979	1.48501
GDI2	0.920438	1.020379	0.686809	1.515957
INTS1	0.024377	1.330105	1.037586	1.705091
PAFAH1B2	0.001223	1.870872	1.279792	2.734947
RNF41	0.63819	0.899484	0.578406	1.398793
PCGF6	0.451876	1.144283	0.805443	1.625669



NBN	0.021643	1.427758	1.053581	1.934823
HSPA4	0.013445	1.677847	1.113106	2.529112
TIMELESS	0.050277	1.251208	0.999729	1.565946
DLL1	0.926956	1.010031	0.815949	1.250276
AGMAT	0.120865	1.195725	0.953982	1.498726
EIF3M	0.022082	1.693875	1.078693	2.659897
KIF23	0.002729	1.313438	1.09892	1.569832
GMPS	0.000629	1.618564	1.228112	2.133153
POLD3	0.444354	1.145044	0.809263	1.620149
ICMT	0.121707	1.344616	0.924144	1.956397
FIBP	0.51415	1.165195	0.736068	1.844504
IWS1	0.150502	1.348496	0.897094	2.027037
SLC22A3	0.491882	0.960665	0.856791	1.077134
YKT6	0.011729	1.550007	1.102328	2.179498
NOC3L	0.533706	1.124428	0.777204	1.626779
FTSJ1	0.103282	1.405973	0.93315	2.118374
DLD	0.063223	1.426028	0.980638	2.073707
CCNE2	0.272782	1.135499	0.904812	1.425001
PSMB1	0.062441	1.390016	0.983034	1.965491
SMS	0.003273	1.520368	1.149973	2.010062
ZNF496	0.910693	1.020173	0.719629	1.446234
SLIRP	0.25057	1.272585	0.843543	1.919847
IPPK	0.024712	1.545179	1.056959	2.258912
SNAP29	0.332167	1.268007	0.784701	2.048989
UBE2G1	0.014923	1.612447	1.097555	2.36889
ERH	0.261758	1.260096	0.841496	1.886929
RAD51D	0.720429	1.077712	0.715322	1.623692
GPR3	0.940579	1.011002	0.758248	1.348008
CRKL	0.10306	1.365104	0.938983	1.984602
NUSAP1	0.007087	1.290256	1.071809	1.553225
ARID3A	0.323372	1.130344	0.88635	1.441505
C2orf49	0.777529	1.066654	0.681751	1.668867
POLR3G	0.012959	1.387443	1.071623	1.796338
ADCY3	0.657053	1.05994	0.819743	1.370518
NT5DC2	0.430519	0.88909	0.663757	1.190919
PRPSAP1	0.098323	1.40964	0.938242	2.117882
SMO	0.351124	1.095347	0.904508	1.326449
DCUN1D1	0.008758	1.520681	1.111553	2.080396
METAP2	0.219872	1.266143	0.868487	1.845875
PLBD2	0.325993	1.173015	0.853123	1.612855
NUFIP1	0.0455	1.538603	1.008662	2.34697
SUMO1	0.160523	1.413705	0.871681	2.292767
CHFR	0.338422	1.232366	0.803448	1.890261
XP06	0.397371	1.187759	0.797386	1.769247
C4orf46	0.446523	1.117326	0.839709	1.486728
SIAH2	0.021801	1.466621	1.05732	2.034368
POLR3D	0.226322	1.266311	0.863832	1.856315
RASL10B	0.91814	1.009256	0.846632	1.203117
FGD1	0.15116	1.207477	0.933429	1.561983
HNRNPAB	0.026657	1.56098	1.052893	2.314252
DDX11	0.070715	1.240186	0.981982	1.566282
SNW1	0.126342	1.411401	0.907362	2.195432
NDUFAF5	0.904255	0.974394	0.638518	1.486948
BAG2	0.147053	1.165857	0.947463	1.434594

SAMD4B	0.03851	1.377357	1.017074	1.865266
SKP2	0.319634	1.117608	0.897818	1.391204
DBN1	0.088319	1.235844	0.968738	1.576599
TSPYL5	0.303072	0.927176	0.802913	1.070672
PARD6G	0.534876	0.919039	0.703935	1.199873
MRPS5	0.089572	1.450091	0.944198	2.227037
TBC1D31	0.002591	1.548	1.164939	2.057021
CDCA7L	0.615176	0.952487	0.787833	1.151555
TRIP4	0.027156	1.606772	1.054973	2.447188
CENPBD1	0.20072	1.229423	0.895974	1.686969
NXPE3	0.266859	0.840228	0.617934	1.14249
VCP	0.054346	1.493081	0.992549	2.246025
TBC1D1	0.51284	1.091928	0.839082	1.420966
ARL4C	0.375623	1.110675	0.880523	1.400986
NEPRO	0.639415	1.125175	0.686988	1.842856
ATAD2	0.021561	1.26199	1.034822	1.539026
YY1	0.40057	1.246792	0.745485	2.085205
GFM2	0.149579	1.310721	0.907156	1.893821
MB21D2	0.101111	1.214416	0.962739	1.531887
CDK1	0.004652	1.269182	1.076048	1.49698
YME1L1	0.06827	1.44832	0.972602	2.156723
APEX1	0.854211	1.035889	0.711172	1.508869
TARBP2	0.254859	1.253152	0.849778	1.848001
HSPD1	0.002603	1.545196	1.164054	2.051134
KPNA4	0.012718	1.623433	1.108915	2.376678
FUCA2	0.011487	1.482111	1.092374	2.010898
UQCC1	0.334856	1.232688	0.805762	1.885816
LRP8	0.074373	1.233279	0.979571	1.552697
TOMM34	0.185701	1.253384	0.89706	1.751245
RIMKLA	0.212296	0.883426	0.72708	1.073391
WWTR1	0.833518	0.971952	0.745483	1.26722
KNOP1	0.091155	1.384054	0.949265	2.017989
PMAIP1	0.006905	1.233623	1.059317	1.436611
GINS2	0.011034	1.281143	1.058338	1.550853
MFN1	0.363022	1.178581	0.827182	1.67926
TMEM38B	0.036294	1.263747	1.015056	1.573369
GOSR2	0.958264	1.011215	0.665942	1.535504
PSMA4	0.011039	1.641756	1.120118	2.406322
PIMREG	0.006769	1.276616	1.069786	1.523435
DHX33	0.164496	1.280033	0.903745	1.812994
DCK	0.703537	1.055545	0.799031	1.394408
ZNF146	0.022042	1.382148	1.047702	1.823355
THOC3	0.172559	1.264041	0.902695	1.770035
KIAA2013	0.376325	1.255591	0.758327	2.078929
PXMP2	0.351363	1.154132	0.853743	1.560214
MSL1	0.50225	1.125574	0.796713	1.590181
DARS2	0.020606	1.378568	1.050484	1.80912
ESCO2	0.03538	1.324363	1.019416	1.720533
RHEBL1	0.863678	0.97778	0.756553	1.263697
RTCA	0.240295	1.274798	0.850055	1.91177
WDCP	0.990743	0.997552	0.659356	1.509214
DRAP1	0.286153	1.206176	0.854697	1.702194
LRFN4	0.011433	1.292514	1.059447	1.576853
SUPT16H	0.293051	1.206316	0.85038	1.711232

BEND3	0.912008	1.017795	0.744377	1.391642
BRAP	0.305842	1.27323	0.80188	2.021642
SCFD1	0.296603	1.243623	0.825811	1.872825
FECH	0.089108	1.287835	0.962075	1.723898
BZW2	0.065513	1.301045	0.983249	1.721555
NT5C3A	0.026372	1.402529	1.040515	1.890494
CKAP2	0.070416	1.25546	0.981224	1.606341
CDCA8	0.027519	1.234706	1.023625	1.489313
CPSF3	0.127944	1.363291	0.914747	2.031775
PARD3	0.307623	1.145522	0.882371	1.487153
MRPL37	0.025428	1.53324	1.053973	2.230442
PPP3R1	0.511211	1.156713	0.749199	1.785889
RBMX2	0.724322	1.081613	0.699402	1.672697
WDR45B	0.984493	1.003051	0.737744	1.363768
MOCS3	0.399775	1.199984	0.785019	1.834302
WTAP	0.19678	1.355426	0.854137	2.150921
DNAAF2	0.298049	0.817174	0.558681	1.195268
C17orf53	0.088426	1.189308	0.974266	1.451814
DERL1	0.036144	1.495438	1.026334	2.178955
SNRNP48	0.769861	1.04893	0.761652	1.444564
PAXIP1	0.375216	1.166786	0.8297	1.640822
NARS2	0.615193	0.920461	0.666285	1.271601
ZNF286A	0.345546	1.195527	0.824902	1.732673
ELP4	0.148232	1.399777	0.887276	2.208306
FOLR1	0.38542	0.960136	0.875866	1.052514
MSH6	0.139905	1.241034	0.931669	1.653126
FAM222A	0.073877	1.231213	0.980116	1.54664
GEMIN2	0.935498	0.988499	0.746977	1.308112
SCD	0.084362	1.157663	0.980343	1.367056
MEA1	0.755729	1.06569	0.713757	1.591151
LMNB1	0.030262	1.263061	1.022528	1.560175
DHX57	0.866896	1.033268	0.704701	1.51503
SNAPC5	0.077135	1.464749	0.959304	2.236508
CENPQ	0.192726	1.202566	0.911105	1.587264
ZNF131	0.863691	0.970804	0.692178	1.361587
RBM28	0.599737	1.114213	0.743961	1.668729
NONO	0.899614	1.02286	0.71995	1.453217
PWP1	0.151147	1.382649	0.888361	2.15196
CKAP2L	0.003221	1.321422	1.097764	1.590647
LRRC8D	0.45631	0.870746	0.604982	1.253257
CLSPN	0.019376	1.262154	1.038381	1.534149
NUDT3	0.75511	1.074958	0.682551	1.692964
PRR3	0.213769	0.794471	0.552784	1.141829
FBL	0.06368	1.399303	0.981058	1.995855
MKKS	0.371041	1.201188	0.803855	1.794917
MEX3B	0.788816	0.960262	0.713722	1.291966
SAP30BP	0.080214	1.538528	0.949478	2.493021
SAC3D1	0.007989	1.574225	1.125778	2.20131
EMC1	0.333533	1.184963	0.840078	1.671438
TLE1	0.000316	1.681159	1.267199	2.230347
RAD21	0.675929	1.061081	0.803568	1.401117
ZNF229	0.014054	1.252084	1.046441	1.498139
NEDD1	0.006527	1.609507	1.142245	2.267915
TBCCD1	0.054132	1.36431	0.994501	1.871634

SUCLA2	0.022137	1.50736	1.0606	2.142308
ERO1A	0.000293	1.474353	1.194949	1.819086
TIMM23	0.029632	1.626939	1.04929	2.522592
AGPS	0.00388	1.732933	1.193214	2.516781
C20orf27	0.890505	0.978396	0.716925	1.33523
SLC25A3	0.24772	1.301392	0.832562	2.034227
CDK5RAP1	0.70582	1.078864	0.727433	1.600075
VBP1	0.114519	1.287399	0.940721	1.761837
MYO10	0.244256	0.862482	0.672362	1.106361
TIMM17A	0.009996	1.700262	1.135338	2.546283
NUP43	0.063992	1.495022	0.976883	2.287981
ORC4	0.595724	0.883147	0.558048	1.397638
TUBGCP3	0.032025	1.468525	1.033551	2.086559
SEN2	0.014582	1.467329	1.07871	1.995954
NCBP1	0.013856	1.62739	1.104221	2.398431
ATG3	0.447032	1.194876	0.755115	1.890743
MAP2K1	0.003519	1.773773	1.207077	2.606519
SUPT3H	0.498611	0.872247	0.58709	1.295908
VDAC3	0.03464	1.338752	1.021294	1.754889
RAD23B	0.002673	1.758267	1.216544	2.541218
KIF3B	0.172113	1.248068	0.908024	1.715454
TRERF1	0.370933	1.127269	0.867077	1.465538
HCFC1	0.083075	1.326081	0.963734	1.824665
PDHX	0.075698	1.374187	0.967652	1.951519
ARCN1	0.010547	1.559748	1.109423	2.192863
CNIH2	0.320349	1.117753	0.897415	1.392189
CYREN	0.003824	1.942226	1.238615	3.045534
METAP1	0.050358	1.514006	0.999353	2.293699
AMN1	0.011112	1.575945	1.109328	2.238837
CFL1	0.003721	2.041855	1.260553	3.307416
KHDRBS1	0.056848	1.573079	0.986887	2.507455
FOXRED2	0.679446	0.956461	0.774406	1.181315
VSIG10	0.924859	0.988011	0.768971	1.269446
HAUS6	0.225785	1.218006	0.885241	1.675859
CASP6	0.720636	1.067573	0.746032	1.527699
MTX2	0.038779	1.549298	1.022832	2.346742
YBX1	0.164107	1.307854	0.896127	1.908749
B3GALNT1	0.035092	1.242583	1.015301	1.520744
MTMR2	0.003309	1.649523	1.181219	2.30349
SNF8	0.026394	1.683959	1.063027	2.667589
GTPBP4	0.154241	1.257477	0.917527	1.72338
MMADHC	0.007126	1.689875	1.153171	2.47637
PUS3	0.961387	1.010829	0.653579	1.563354
KPNA3	0.096529	1.328248	0.950367	1.856382
5-Mar	0.127531	1.354678	0.916803	2.001687
POFUT1	0.179096	1.269959	0.896151	1.799691
KIFC1	0.031701	1.205595	1.016515	1.429844
ALG3	0.003211	1.613338	1.173717	2.217623
NUDC	0.02828	1.587371	1.050402	2.398839
TAF2	0.09841	1.286191	0.95427	1.733563
GLMN	0.7879	0.952684	0.669252	1.356151
ATP6V1C1	0.508907	1.127962	0.789089	1.612363
SKA3	0.001654	1.367655	1.125301	1.662205
TRMT10C	0.727653	1.067688	0.738512	1.543588

VPS33B	0.171275	1.386857	0.868075	2.215675
NUF2	0.058146	1.174826	0.994456	1.387909
RNASE1	0.000185	0.755522	0.652264	0.875127
AZIN1	0.349248	1.157301	0.852311	1.571428
HDHD5	0.241642	0.803462	0.557039	1.158896
TFRC	0.05247	1.17632	0.998268	1.386131
PPP2R5D	0.408984	1.166704	0.809119	1.682321
POT1	0.398995	1.153	0.828225	1.60513
C16orf89	0.014214	0.907718	0.840112	0.980765
PITPNB	0.411893	1.197065	0.778986	1.839524
SLC16A1	0.014606	1.192729	1.035402	1.373962
FXN	0.891072	1.033845	0.642059	1.6647
CHD7	0.417177	0.897856	0.692095	1.16479
KIF20B	0.014056	1.360477	1.06413	1.739353
RNF26	0.086633	1.307367	0.962171	1.776406
TPD52L2	0.103066	1.412113	0.932567	2.138252
RNASEH1	0.095795	1.363404	0.946687	1.963553
CEP55	0.008448	1.258119	1.060492	1.492574
UBE2E3	0.024337	1.456731	1.049958	2.021096
PFAS	0.713091	1.05951	0.778555	1.441852
PHB	0.123774	1.366435	0.918177	2.033537
MASTL	0.041385	1.332611	1.011282	1.756039
RPP38	0.891018	1.036199	0.623065	1.72327
RDH11	0.147162	1.30552	0.910414	1.872097
HAUS1	0.245617	1.202104	0.881036	1.640175
DEK	0.305535	1.158773	0.874138	1.536092
YWHAZ	0.026931	1.451038	1.04341	2.017914
STAM	0.138201	1.335486	0.911042	1.957673
KTI12	0.582486	0.887291	0.579314	1.358996
C17orf75	0.677041	0.924362	0.638415	1.338385
FAM98A	0.042323	1.614291	1.016737	2.563039
LYPLA1	0.238539	1.136616	0.918616	1.40635
TTF1	0.310263	1.230494	0.824289	1.836876
KMT5A	0.016788	1.561476	1.083704	2.249884
RPF1	0.461208	1.17344	0.766836	1.795639
BUD13	0.334964	1.210214	0.821143	1.783634
MAPRE1	0.045604	1.489226	1.007815	2.200595
SERBP1	0.063668	1.497625	0.977293	2.294991
ITGB1	0.010874	1.401907	1.080946	1.81817
TIMM9	0.395899	1.168834	0.815334	1.675599
HNRNPR	0.008811	1.740579	1.149713	2.635105
BUB1	0.009936	1.265737	1.058123	1.514086
E2F4	0.084912	1.489582	0.946638	2.343931
MAP3K20	0.075432	1.279172	0.975091	1.678079
PDSS1	0.145408	1.29005	0.91561	1.817617
NIFK	0.361176	1.165697	0.838811	1.619971
CCDC43	0.425004	1.161018	0.80453	1.675464
PDCD11	0.312144	1.174863	0.859551	1.605844
NOP58	0.107757	1.397747	0.92941	2.102082
TUBA1B	0.033614	1.326274	1.022132	1.720917
DNAJC9	0.013013	1.525918	1.093161	2.129993
METTL8	0.372356	1.224112	0.785	1.908853
SSB	0.016804	1.624756	1.091432	2.418685
P4HA1	0.077233	1.253342	0.975638	1.610091

DBR1	0.394714	1.202016	0.786843	1.836252
UBE2T	0.01685	1.252623	1.041357	1.506749
MLF1	0.620327	0.944712	0.754352	1.18311
ATP5MC3	0.008015	1.574664	1.125708	2.202673
SNAPC1	0.873444	1.028823	0.725259	1.459446
HSDL1	0.152247	0.785752	0.564842	1.093059
DDX51	0.52525	0.893523	0.631329	1.264607
MNAT1	0.168823	1.313015	0.890855	1.935229
GTF3C5	0.087555	1.357519	0.955997	1.927682
ZNF697	0.121278	1.242887	0.944017	1.636378
MCM8	0.098555	1.227354	0.962516	1.565063
C12orf73	0.745631	1.070264	0.710093	1.613119
GNL1	0.784374	0.948528	0.64962	1.38497
CLP1	0.743492	1.087272	0.658705	1.794674
TRUB1	0.636179	1.070071	0.808255	1.416695
SPC25	0.002064	1.370439	1.121486	1.674657
MRPS18C	0.158497	1.477257	0.858872	2.540878
BLMH	0.693899	1.059564	0.794318	1.413385
NCAPD3	0.127212	1.212077	0.946648	1.551929
SOX12	0.726448	0.959772	0.762554	1.207997
POC1A	0.027865	1.286681	1.027798	1.610772
TGIF1	0.011123	1.544767	1.104233	2.161051
CENPI	0.131489	1.185391	0.950341	1.478576
RBL1	0.311676	1.153917	0.874431	1.522732
ANAPC10	0.932199	1.020146	0.644325	1.615177
PSMD12	0.017953	1.651506	1.090025	2.502211
SNRNP40	0.389152	1.189496	0.801382	1.765575
UBE2L3	0.120505	1.450011	0.907126	2.317794
ALDH18A1	0.05052	1.381264	0.999269	1.909284
EIF3J	0.00133	1.864084	1.274367	2.726693
NDRG3	0.202877	1.292156	0.87093	1.917108
ASCC1	0.039177	1.621578	1.024284	2.567176
CHAMP1	0.369323	1.160762	0.838291	1.607279
METTL6	0.198863	1.396165	0.839141	2.322941
PSMA6	0.345603	1.153249	0.857513	1.550977
IPO8	0.235209	1.241715	0.86852	1.775268
PSPC1	0.370189	1.201734	0.803996	1.796234
EIF5B	0.079957	1.307048	0.968539	1.763868
BOP1	0.204212	1.168388	0.918866	1.48567
GLRX2	0.011954	1.621452	1.112308	2.36365
CDC27	0.084656	1.398252	0.955215	2.046771
LRIF1	0.794492	1.040683	0.770916	1.40485
NOP9	0.694364	1.075771	0.747313	1.548592
DYNC1LI1	0.306573	1.294754	0.789097	2.124439
MCTS1	0.131039	1.321275	0.920337	1.896879
ARG2	0.389728	0.919404	0.759185	1.113437
TM9SF1	0.154805	1.378954	0.885746	2.146795
ATP5F1B	0.012039	1.508165	1.09436	2.078439
CAPZA1	0.093918	1.407005	0.943581	2.098034
SRSF9	0.028696	1.576408	1.048508	2.370094
EIF4G1	0.003506	1.580963	1.162456	2.150141
HMGCR	0.048943	1.368749	1.001456	1.87075
GPI	0.000155	1.744181	1.307365	2.326946
DLAT	0.038993	1.407751	1.017429	1.947815

PLSCR1	0.007423	1.375971	1.08927	1.738134
MYNN	0.391276	1.168994	0.818051	1.67049
NRM	0.43709	1.108695	0.854657	1.438243
GGH	0.205681	1.095368	0.951245	1.261327
HASPIN	0.008789	1.392589	1.087024	1.784049
CASP2	0.541387	1.108478	0.796499	1.542654
KIF20A	0.007281	1.296918	1.07263	1.568105
CLPB	0.514259	1.115313	0.803464	1.548199
NIP7	0.025436	1.579751	1.05783	2.359182
POLR3F	0.721988	0.934691	0.644302	1.355958
H3F3B	0.27654	1.256326	0.832906	1.894998
GAREM2	0.704473	1.043304	0.838058	1.298814
POGLUT3	0.096661	1.238501	0.96227	1.594028
NABP2	0.219234	1.275995	0.864939	1.882402
NPLOC4	0.07097	1.44181	0.969217	2.14484
FOXK1	0.334879	1.141222	0.872505	1.492701
NOCT	0.040716	1.337108	1.012348	1.766051
CNP	0.355666	1.187651	0.824521	1.710707
PUM3	0.232496	1.199492	0.889851	1.616878
SHCBP1	0.001521	1.366347	1.126582	1.65714
POLR1A	0.351493	1.160739	0.848313	1.588228
MRPL45	0.425911	1.136672	0.829244	1.558073
RNF114	0.511715	1.143251	0.766433	1.705333
MCM10	0.018526	1.241789	1.036988	1.487038
HPRT1	0.561283	1.082695	0.828112	1.415545
PAIP1	0.945411	1.010869	0.74184	1.37746
NDUFB4	0.035955	1.466152	1.025397	2.096359
HMG1	0.381508	1.161644	0.830486	1.624853
PPME1	0.129227	1.288608	0.928666	1.788059
CLTCL1	0.760022	1.047946	0.775947	1.415292
PRELID3B	0.400013	1.11962	0.860582	1.456629
HNRNPD	0.044572	1.527675	1.010329	2.309932
SRSF7	0.82643	0.944996	0.569931	1.566888
GNL2	0.6906	0.920839	0.613513	1.382113
RRM1	0.027122	1.38203	1.037252	1.841412
MAFG	0.123164	1.257899	0.939637	1.683958
LRP11	0.014986	1.4154	1.069844	1.872571
PCNP	0.662359	1.091779	0.736148	1.619213
WDHD1	0.020934	1.296399	1.040038	1.615952
WDR76	0.00825	1.380234	1.086716	1.753032
TESK2	0.095772	0.747206	0.530302	1.052829
FSCN1	0.001603	1.27536	1.096525	1.483361
RPP40	0.151513	1.234142	0.925779	1.645218
RAC3	0.833631	0.98287	0.836518	1.154826
COPG1	0.039856	1.529017	1.01988	2.292323
ZFPL1	0.008543	1.771002	1.15671	2.711524
EEFSEC	0.952879	0.988064	0.66346	1.471483
MTBP	0.049569	1.350639	1.000567	1.823191
ACTR3B	0.520155	0.878727	0.592571	1.30307
ZNF485	0.479367	0.861603	0.570223	1.301874
RUVBL2	0.000731	2.072948	1.357948	3.164416
HADHA	0.111634	1.454685	0.916725	2.308334
PPP1R8	0.502738	1.191389	0.713896	1.988257
TRIT1	0.659834	0.919364	0.63226	1.336838

FANCE	0.30733	1.152655	0.877485	1.514117
EXOSC3	0.474126	1.145887	0.789222	1.663737
NFRKB	0.901588	1.018441	0.76234	1.360578
TBC1D16	0.9711	0.995257	0.769523	1.287208
GPR173	0.616748	0.933672	0.713621	1.221579
TSEN15	0.471432	0.877108	0.613855	1.253257
CMSS1	0.58208	1.090996	0.800061	1.487728
DYNC1I2	0.058616	1.497008	0.985406	2.274221
SEC23A	0.182838	1.189768	0.92136	1.536367
MYBL1	0.812813	0.970946	0.760691	1.239315
KPNA1	0.019093	1.561159	1.075657	2.265795
UCK2	0.018181	1.276314	1.042394	1.562726
HSP90AA1	0.099558	1.308279	0.950221	1.801259
NLE1	0.817834	1.042528	0.731433	1.485937
WDR34	0.059851	1.312927	0.988769	1.743356
GPD2	0.033249	1.419112	1.028191	1.958662
KHDC1	0.755917	0.951169	0.693695	1.304208
SYNCRIP	0.045981	1.498306	1.00724	2.228785
SET	0.066954	1.415076	0.976038	2.051602
TRIM28	0.004096	1.665334	1.175632	2.35902
B3GNT5	0.011832	1.343158	1.067482	1.690028
KDM4D	0.347108	1.229349	0.799354	1.890651
PTMA	0.135594	1.461403	0.887929	2.405259
NUP88	0.051058	1.443657	0.998312	2.087671
DHRS13	0.433137	1.127659	0.835041	1.522818
ATF1	0.085104	1.320816	0.962244	1.813007
TMEM177	0.75707	0.946814	0.669692	1.338611
NUDT21	0.063698	1.454129	0.978889	2.160092
BARD1	0.093626	1.278155	0.959366	1.702876
DHX36	0.021368	1.537155	1.065866	2.216832
RBM14	0.075457	1.492797	0.959749	2.321902
ZNF813	0.091623	1.357128	0.95177	1.935126
MIS18A	0.004987	1.50465	1.13131	2.001194
GTF2E2	0.041753	1.505219	1.015384	2.231358
BRPF1	0.399726	1.186832	0.796623	1.768177
PPP1CC	0.291213	1.241009	0.831071	1.853154
DNAAF5	0.036175	1.422473	1.022968	1.978
EPRS	0.160573	1.267575	0.910199	1.76527
FAAP24	0.001713	1.600404	1.192843	2.147218
EXOSC2	0.153111	1.333677	0.898444	1.979751
SGO2	0.005427	1.399789	1.104345	1.774272
LARP1	0.02821	1.438615	1.039611	1.990758
CDC25A	0.002979	1.397012	1.120405	1.741906
STOML2	0.182422	1.22842	0.907841	1.662203
PRMT5	0.024962	1.456328	1.048424	2.022933
GRWD1	0.000172	2.495273	1.548746	4.020277
FAM53C	0.984831	1.003652	0.689276	1.461413
IQGAP3	0.081125	1.169538	0.980813	1.394578
NAP1L4	0.455024	1.206694	0.737093	1.975478
NCL	0.020335	1.557245	1.071173	2.263884
RPUSD4	0.562204	1.130128	0.747246	1.709194
C12orf29	0.16527	1.270968	0.905821	1.783309
STAU1	0.098197	1.378138	0.942321	2.015518
MAPK6	0.001952	1.496744	1.15963	1.931861



LMAN2L	0.245801	1.257148	0.854179	1.850222
HEATR6	0.848587	0.964307	0.664009	1.400415
LMF1	0.211447	0.821918	0.60428	1.117939
SSRP1	0.002744	1.74695	1.212639	2.516687
KIF18B	0.05102	1.172634	0.999294	1.376041
RAP2B	0.308996	1.1796	0.858089	1.621577
UPF3B	0.600994	1.087339	0.794472	1.488166
MRPL42	0.308561	1.220194	0.831892	1.789745
OBI1	0.418587	1.181355	0.788855	1.769144
KIF14	0.001467	1.378022	1.130983	1.67902
RANGAP1	0.009598	1.536864	1.110197	2.127506
TWINK	0.490542	1.107988	0.827809	1.482996
BRCC3	0.656531	1.080687	0.767668	1.521341
RALA	0.065971	1.406179	0.977754	2.022329
YWHAG	0.003772	1.616944	1.168115	2.238227
ZWILCH	0.005811	1.463742	1.116577	1.918847
TCFL5	0.665721	0.929479	0.667042	1.295167
ARID3B	0.717779	1.066868	0.751055	1.515477
BCCIP	0.174175	1.314478	0.886083	1.949988
UBA2	0.027806	1.395602	1.037039	1.878141
NUP107	0.213525	1.189693	0.904853	1.564199
UBE2K	0.02237	1.532691	1.06246	2.211041
TSR1	0.062654	1.390383	0.982743	1.967111
USP10	0.242348	1.248825	0.860448	1.812503
GLA	0.369745	1.147691	0.849374	1.550781
ACP1	0.088551	1.441288	0.946359	2.195057
ACYP1	0.975707	0.995451	0.742304	1.33493
RNF138	0.537152	0.89788	0.637736	1.26414
PSMD8	0.004511	1.616558	1.160477	2.251884
GNAZ	0.167029	0.856064	0.686709	1.067184
NECAP1	0.039284	1.519126	1.020748	2.260835
ZDHHC5	0.043906	1.598378	1.01289	2.5223
MRPL2	0.502474	1.138654	0.779069	1.66421
TTL	0.289437	1.215464	0.847144	1.743923
CUL2	0.364313	1.20439	0.805877	1.799971
EIF2S2	0.003426	1.782534	1.210382	2.625144
ZNF530	0.378041	1.198262	0.801491	1.791453
PSMA3	0.309807	1.214386	0.834766	1.766642
CDKAL1	0.356608	0.841561	0.583188	1.214403
TBC1D15	0.722688	1.065742	0.74977	1.514872
PPP2R1B	0.015729	1.34294	1.057144	1.705998
EI24	0.037183	1.503857	1.024535	2.207427
SNX6	0.337023	1.150926	0.863813	1.533469
PLOD2	0.022025	1.185619	1.024838	1.371623
UTP18	0.337921	1.188092	0.835141	1.690209
BMI1	0.368647	1.158482	0.840624	1.596528
SRGAP1	0.001093	1.639039	1.218402	2.204895
PHF19	0.234298	1.206038	0.885697	1.642241
SNX12	0.623285	1.112787	0.726476	1.704522
PDK3	0.468449	1.090355	0.862994	1.377616
GJC1	0.39851	1.103144	0.878343	1.385479
BCL7A	0.666923	1.071819	0.781531	1.46993
PHKA1	0.018471	1.393549	1.057373	1.836609
NCK1	0.187377	1.229911	0.904197	1.672956

FAIM	0.633124	1.107874	0.727461	1.687218
SEC22A	0.784401	1.064543	0.680093	1.666318
C5orf34	0.261194	1.153333	0.899251	1.479205
RPN1	0.461119	1.191719	0.747481	1.899975
YEATS2	0.386554	1.136828	0.850408	1.519714
TPRA1	0.84429	1.049518	0.647936	1.699994
ACSL3	0.03326	1.311569	1.021759	1.68358
TNFAIP1	0.150861	1.386543	0.887725	2.165651
REEP2	0.317476	0.874638	0.672629	1.137317
FAM219A	0.494536	1.140928	0.781582	1.665488
VDAC1	0.000168	1.890408	1.356846	2.633787
POMGNT2	0.236719	1.20521	0.884679	1.641874
C10orf88	0.822318	1.05265	0.672655	1.647312
BRSK1	0.113218	0.826974	0.653723	1.046141
CAND2	0.300335	0.87893	0.688484	1.122055
WDR5	0.093556	1.394478	0.945423	2.056824
EHBP1	0.003746	1.50289	1.141041	1.97949
MARS	0.471233	1.116102	0.827811	1.504791
BRI3BP	0.022234	1.412696	1.050557	1.899668
LMAN1	0.005033	1.603524	1.152862	2.230352
NKRF	0.885813	1.031689	0.673955	1.579306
PRMT3	0.140549	1.355797	0.904455	2.03237
CALM3	0.000894	1.876776	1.294498	2.720969
GTF2F2	0.02392	1.558441	1.060386	2.29043
HADHB	0.55693	1.136832	0.741069	1.74395
BAZ1A	0.804265	1.03612	0.782601	1.371764
NANP	0.494629	0.88519	0.623795	1.256119
RBM17	0.877744	1.035481	0.664073	1.614613
CWC22	0.302721	1.252097	0.816499	1.920084
NDRG4	0.596526	1.062738	0.84838	1.331257
URB2	0.161294	1.276181	0.907226	1.795185
SAP130	0.317244	1.20382	0.836923	1.731561
NIT2	0.766869	1.065253	0.701398	1.617861
MED6	0.169845	1.427789	0.858683	2.37408
MCM2	0.060967	1.192058	0.991948	1.432537
DNAJA1	0.128158	1.311937	0.924721	1.861296
C1orf52	0.172413	0.763144	0.517585	1.125204
MED30	0.793751	0.958982	0.700563	1.312724
LARP6	0.01366	1.302126	1.055675	1.606113
KIF18A	0.003543	1.437043	1.126256	1.83359
SMN1	0.11797	1.416069	0.915526	2.190273
VDAC2	0.000264	1.906814	1.348057	2.697172
PSMC1	0.014481	1.632026	1.102066	2.416831
NRCAM	0.564287	0.945372	0.781007	1.144327
ACTR3	0.129259	1.31042	0.9241	1.858241
C12orf66	0.253154	1.292795	0.832218	2.00827
PRXL2A	0.705817	1.068845	0.756454	1.510245
LARS2	0.028853	1.545555	1.045954	2.283791
TFIP11	0.682279	1.085362	0.733241	1.606579
EIF3A	0.388825	1.136148	0.849873	1.518852
NOL11	0.092223	1.386048	0.947862	2.026801
MSH2	0.221692	1.192756	0.899031	1.582444
ZNF48	0.540913	1.12055	0.777997	1.613931
NUP93	0.184628	1.29646	0.883425	1.902606

PRPSAP2	0.785988	1.049341	0.741194	1.485599
RNF2	0.361722	1.204419	0.8076	1.796217
STAMPB	0.20551	1.328096	0.855958	2.060662
PRKRA	0.200097	1.345501	0.854536	2.118544
DCLRE1B	0.367705	1.17439	0.827773	1.666147
DAXX	0.615495	1.128574	0.703942	1.809352
SSR3	0.04494	1.400912	1.007637	1.947679
CTDNEP1	0.02821	1.975691	1.075442	3.629536
SEH1L	0.540256	1.122175	0.77598	1.62282
RP9	0.715207	1.078585	0.718411	1.619331
ABCB7	0.824481	1.04424	0.712291	1.530888
HSP90B1	0.613043	1.085849	0.789124	1.494148
MTFR1	0.263845	1.138162	0.907017	1.428213
UCHL3	0.150677	1.283596	0.913176	1.804272
PDIA6	0.394222	1.129292	0.853743	1.493776
PTGES3	0.001873	1.912046	1.270792	2.876882
ANKS1A	0.877016	1.021959	0.776176	1.34557
FKBP1	0.279898	1.226742	0.846774	1.77721
LRP12	0.029517	1.294657	1.026026	1.63362
REPIN1	0.968727	1.00665	0.722732	1.402101
NOL10	0.140317	1.328145	0.910826	1.93667
AVEN	0.000123	2.067843	1.42714	2.996183
PGBD1	0.182144	0.832287	0.635553	1.089921
ABHD3	0.316799	1.148845	0.87554	1.507465
RSRC1	0.00276	1.607542	1.178061	2.193597
TUBB2B	0.962519	0.997451	0.896726	1.109489
PIGS	0.218176	1.248964	0.876748	1.7792
PNP	0.033444	1.342543	1.023364	1.76127
MTA3	0.63242	1.093185	0.758828	1.574867
PSMG1	0.9263	1.016037	0.725275	1.423367
LCLAT1	0.171671	1.265218	0.902959	1.77281
UBIAD1	0.780307	0.934424	0.58017	1.504986
MARCKS	0.40698	1.111694	0.865553	1.42783
SMYD5	0.953525	0.987251	0.641259	1.519924
SUV39H1	0.027663	1.384141	1.036382	1.848591
HYOU1	0.161793	1.209278	0.926647	1.578112
TIMM50	0.007998	1.60082	1.130662	2.266482
PAK2	0.002048	1.706313	1.214906	2.396485
CHRAC1	0.734838	1.068675	0.727648	1.569531
DNMT3B	0.323974	1.104097	0.906872	1.344215
MRPL16	0.243783	1.359251	0.811246	2.277442
SPATA2	0.182502	1.295825	0.885271	1.896777
PARL	0.021183	1.560486	1.068831	2.278301
TMPO	0.023639	1.354674	1.04148	1.762052
LBR	0.070169	1.346602	0.975788	1.858331
RFC2	0.052217	1.342652	0.997178	1.807816
BAZ2A	0.487966	1.107691	0.829643	1.478925
THAP1	0.588677	1.107039	0.765763	1.60041
DHX37	0.037422	1.430396	1.021058	2.003834
CRY1	0.512411	1.120487	0.797235	1.574807
SKA2	0.184435	1.224577	0.907932	1.651654
TTC27	0.0911	1.397356	0.947874	2.059984
TUBB	0.55993	1.085101	0.824543	1.427995
TAF15	0.399748	1.133228	0.847015	1.516155

PAAF1	0.59974	0.897588	0.59955	1.343781
RARS	0.009498	1.643385	1.129031	2.392063
FKBP1A	0.569493	1.156928	0.700109	1.911819
SMPD4	0.054153	1.453575	0.99335	2.127025
MND1	0.016824	1.255813	1.04188	1.513672
RCCD1	0.004277	1.558257	1.149431	2.112493
PGP	0.109419	1.34102	0.936287	1.92071
TAF1A	0.051894	1.409189	0.997189	1.991413
HSF2BP	0.007703	1.492971	1.111825	2.004777
USP1	0.118511	1.27528	0.939753	1.730604
TICRR	0.006985	1.362603	1.088278	1.706078
AP3M2	0.290756	1.188465	0.862722	1.637199
ZNF384	0.181026	1.251737	0.900801	1.739391
MRPL3	0.046765	1.474011	1.005568	2.160677
C6orf120	0.478956	1.118825	0.819918	1.526701
FBXL14	0.071839	1.300719	0.976927	1.73183
CBX2	0.401102	1.072101	0.911293	1.261284
YDJC	0.576491	1.094341	0.797548	1.50158
MESD	0.000384	2.001916	1.364765	2.936527
MRPL47	0.020405	1.440743	1.058137	1.961692
HYLS1	0.090719	1.296178	0.959682	1.750661
BCL2L12	0.091345	1.322829	0.955988	1.830438
CDKN2D	0.370042	1.134511	0.860934	1.495021
OIP5	0.001148	1.375941	1.135149	1.667811
GRPEL1	0.006629	1.764526	1.17107	2.658723
ORC6	0.026928	1.268252	1.027502	1.565411
ISOC1	0.424661	1.135895	0.830776	1.553076
RIOK1	0.782109	1.050678	0.740155	1.491476
PPID	0.009963	1.715471	1.137962	2.586061
MAP7D3	0.659719	0.940583	0.716105	1.235428
TFCP2	0.130215	1.371629	0.910936	2.065311
ZBTB39	0.9158	1.017323	0.739917	1.398734
PSAT1	0.45679	1.057936	0.912088	1.227105
MTCH2	0.091524	1.400834	0.947012	2.072133
SINHCAF	0.41817	1.111007	0.861075	1.433482
IPO9	0.129749	1.287285	0.928531	1.78465
C1orf174	0.76838	0.939791	0.621646	1.420753
FANCL	0.013376	1.571856	1.09846	2.249267
GART	0.139402	1.307509	0.916285	1.865771
RGP1	0.307197	1.171186	0.864777	1.586163
CEP78	0.294523	1.218357	0.842167	1.762588
CBX3	0.243412	1.222948	0.872056	1.715029
TWISTNB	0.128996	1.265158	0.933828	1.714047
KHNYN	0.784777	1.05101	0.735429	1.50201
NRBF2	0.445107	1.194283	0.757168	1.883746
PLLP	0.458812	1.080319	0.880608	1.325322
LIN9	0.022678	1.451131	1.053478	1.998884
SLC38A1	0.017628	1.261998	1.041363	1.529378
GLOD4	0.056148	1.52247	0.989039	2.343601
ATP2B1	0.055343	1.235393	0.995181	1.533588
ESRP1	0.669151	1.064002	0.800509	1.414225
ATP6V1E2	0.730832	0.94395	0.67956	1.311204
CTNBL1	0.12873	1.367926	0.913096	2.049315
GPN3	0.189642	1.262735	0.891092	1.789377

KLHDC3	0.668687	0.913465	0.603483	1.382671
FADS2	0.086153	1.151	0.98021	1.351548
PRKAG1	0.441987	1.183999	0.76977	1.821133
FKBP3	0.097078	1.312736	0.951868	1.810413
RIOX2	0.355422	1.204835	0.811501	1.788818
SNRPF	0.128741	1.319788	0.922628	1.887912
LDHB	0.050619	1.214547	0.999476	1.475897
CENPM	0.007766	1.298377	1.071295	1.573594
WDR4	0.012907	1.498039	1.089327	2.060099
SPAG5	0.00472	1.297347	1.083011	1.554101
TOMM70	0.119893	1.359653	0.923157	2.002536
KIF22	0.301383	1.175258	0.86522	1.596392
RTN4IP1	0.464151	1.140647	0.801922	1.622447
GSK3A	0.002264	1.877545	1.253044	2.81329
MEX3A	0.105671	0.88435	0.762019	1.02632
DDX1	0.312607	1.218122	0.830547	1.786558
BCL2L13	0.255039	1.253938	0.849269	1.851427
TMEM39A	0.46681	1.162696	0.774705	1.745002
RBBP7	0.009615	1.621392	1.124656	2.337525
ERCC6L	0.062665	1.243928	0.988528	1.565314
TFAM	0.049106	1.404984	1.001333	1.971354
LSM5	0.101089	1.340928	0.944291	1.904167
ENOPH1	0.223811	1.268127	0.864861	1.859427
TCP1	0.000323	1.856612	1.325189	2.601146
FBX05	0.018364	1.37916	1.055788	1.801575
SEN3	0.05148	1.616809	0.996919	2.62215
DNAJC6	0.499022	1.075008	0.871649	1.325812
ELOVL7	0.081416	1.194406	0.978076	1.458582
ELK1	0.172054	1.310614	0.888944	1.932303
WDR1	0.003554	1.891474	1.232262	2.90334
ZFP69B	0.553755	0.904463	0.648705	1.261057
ETFA	0.006799	1.631903	1.144644	2.326581
GINS4	0.043559	1.227747	1.005949	1.498448
ARMC1	0.812891	1.036047	0.772736	1.389081
CPSF2	0.038478	1.491963	1.021444	2.179221
PCNA	0.169447	1.185228	0.930089	1.510356
BZW1	0.001197	1.805618	1.262881	2.581604
APOBEC3B	0.543677	0.957519	0.83234	1.101525
CCDC138	0.349959	1.185175	0.829972	1.692395
MAST2	0.472064	1.113971	0.83008	1.494955
GTF2IRD1	0.50488	1.112919	0.812638	1.524158
HNRNPU	0.084865	1.438082	0.951292	2.17397
MCM4	0.03137	1.231761	1.018806	1.489227
PRIM2	0.232339	1.226725	0.877225	1.715469
STARD7	0.920087	0.977664	0.628827	1.520016
MLLT11	0.637359	1.0445	0.871548	1.251773
CEP89	0.112113	1.361165	0.930493	1.99117
NOP56	0.538605	1.108652	0.798029	1.54018
CASTOR2	0.426636	1.111088	0.856952	1.440589
ZNF830	0.967124	1.010034	0.628279	1.62375
KIF15	0.070511	1.208164	0.9843	1.482943
CEP85	0.830161	0.966893	0.710842	1.315176
CDCP1	0.003076	1.299131	1.092443	1.544925
ZNF544	0.015111	1.604599	1.095731	2.349792

L2HGDH	0.540583	1.113384	0.789305	1.570527
TMEM201	0.707603	1.064294	0.768512	1.473917
HSPA14	0.703216	1.072192	0.749092	1.534652
SLC7A5	0.003978	1.281795	1.082531	1.517738
C9orf40	0.078501	1.265987	0.973479	1.646385
C15orf41	0.005962	1.712989	1.167201	2.513988
RRP1B	0.091773	1.361574	0.951108	1.949181
YARS	0.230108	1.281962	0.854465	1.923339
SV2A	0.384764	0.926186	0.779116	1.101018
PRC1	0.000568	1.390749	1.152891	1.677681
FASTKD1	0.855513	1.040114	0.681119	1.588324
SLC29A2	0.957141	0.994071	0.800272	1.234803
BCAS2	0.780626	1.054152	0.727313	1.527865
POLR2D	0.575843	1.127663	0.740254	1.717822
CEBPG	0.010641	1.510434	1.100708	2.072674
CNBP	0.304944	1.257043	0.811973	1.946071
DUS4L	0.244314	1.254318	0.856536	1.836833
THAP12	0.710291	0.932293	0.644022	1.349597
METTL2B	0.907206	1.029376	0.632626	1.674947
FBXO10	0.852846	1.04176	0.676124	1.605123
NAE1	0.216002	1.302214	0.857053	1.978594
NDE1	0.162325	1.208826	0.926474	1.577227
HMGA1	0.000244	1.391977	1.166506	1.661028
AP2M1	0.000423	1.927864	1.338363	2.77702
CDKN2A	0.462729	1.041616	0.934215	1.161366
MRGBP	0.263147	1.221698	0.860284	1.734947
SPATA5L1	0.01786	1.567898	1.080663	2.27481
IDH3B	0.256281	1.255596	0.84759	1.860003
RPAP3	0.389379	1.190213	0.800613	1.769403
GTF2H3	0.225807	1.253783	0.869527	1.807847
SAE1	0.002512	1.769524	1.222076	2.562211
PTMS	0.765016	0.95922	0.730048	1.260333
ZUP1	0.102087	1.448763	0.928923	2.259513
SGO1	0.004141	1.36294	1.10294	1.68423
NUDT15	0.000971	1.796306	1.268376	2.543973
AIMP1	0.465179	1.185353	0.75105	1.870796
FCF1	0.111545	1.43115	0.920301	2.225566
RTRAF	0.179246	1.413317	0.853089	2.341448
GTF3C6	0.013516	1.672433	1.112014	2.515284
SLC49A4	0.899398	1.022496	0.724221	1.443619
BAG4	0.139565	1.236462	0.933023	1.638587
COX5A	0.023132	1.477806	1.054986	2.070084
PRPF40A	0.084962	1.412372	0.953536	2.091995
BAG6	0.348672	1.1761	0.83776	1.651082
UTP6	0.395934	1.210141	0.779082	1.879701
BIRC5	0.013011	1.217023	1.042271	1.421076
PSIP1	0.672105	1.062824	0.801546	1.40927
MYBBP1A	0.324139	1.16604	0.85921	1.582442
GTPBP8	0.097474	1.41953	0.938008	2.148239
SLC36A4	0.218892	1.217652	0.889584	1.666707
RBM19	0.256252	1.248498	0.851108	1.831432
ATG13	0.11507	1.462523	0.911488	2.346684
RALBP1	0.302635	1.180252	0.861235	1.61744
WRAP53	0.070467	1.4547	0.969184	2.183437

PRRC2A	0.573704	1.08329	0.819792	1.431482
PSMA2	0.062717	1.456103	0.980256	2.162941
SFXN5	0.339875	1.208559	0.819076	1.783249
GOT2	0.00911	1.63735	1.130326	2.371806
ACAT2	0.00068	1.581241	1.213935	2.059685
EPOP	0.476072	1.085789	0.865834	1.36162
MDC1	0.639852	1.068485	0.809587	1.410175
DDX18	0.570486	1.10651	0.780017	1.569665
FAM168B	0.218085	1.216473	0.890584	1.661612
HMGN4	0.895647	0.980594	0.731662	1.314219
MMD	0.620686	1.045876	0.875646	1.2492
C17orf58	0.096923	1.283949	0.955833	1.724701
RPTOR	0.097691	1.342301	0.947429	1.90175
FOXK2	0.334495	1.201457	0.827624	1.744148
SNRPC	0.255837	1.262588	0.844494	1.887672
IPO5	0.069905	1.35472	0.975607	1.881153
DPM1	0.167117	1.286974	0.899754	1.84084
CDC123	0.228228	1.277424	0.857766	1.902398
ZPR1	0.021933	1.540965	1.064564	2.230558
UNK	0.582928	1.1089	0.766755	1.60372
MCM3	0.086038	1.264432	0.967296	1.652843
HK2	0.06933	1.17071	0.987608	1.387758
RMI1	0.235927	1.215686	0.880148	1.679143
STK38L	0.194803	1.207313	0.908092	1.605128
RNF34	0.356829	1.248502	0.778681	2.00179
FADS1	0.110056	1.190075	0.961342	1.473231
NDUFAF4	0.096578	1.329426	0.950169	1.860061
RTF2	0.415303	1.219442	0.756576	1.965487
ALOX12	0.891922	1.019551	0.7711	1.348053
BLOC1S5	0.896105	1.027327	0.685437	1.53975
ZNF71	0.389083	0.845145	0.576307	1.239393
EIF2A	0.030253	1.592189	1.04539	2.424996
LRRC1	0.025292	1.380057	1.040687	1.830097
NFYA	0.350858	1.152843	0.855064	1.554322
C1orf112	0.078455	1.32115	0.968805	1.801638
PSME3	0.035708	1.438495	1.024582	2.019622
RTCB	0.514479	1.139774	0.769105	1.689084
COQ3	0.178744	1.240238	0.906171	1.697461
SAPCD2	0.018644	1.241395	1.036746	1.48644
GINS1	0.230382	1.120679	0.930297	1.350021
CDK2AP1	0.099346	1.357355	0.94381	1.9521
CHD4	0.53249	1.106495	0.805289	1.520364
ATXN7L3	0.827197	1.043168	0.713777	1.524564
ATAD3A	0.337419	1.15276	0.862176	1.541283
RBBP4	0.771091	0.943696	0.638687	1.394364
MCM5	0.009015	1.428557	1.09306	1.867031
MMACHC	0.275523	0.792617	0.521961	1.203619
ZNF143	0.372423	1.244454	0.769611	2.012271
CHAC2	0.159137	1.1968	0.931993	1.536847
WASF1	0.129295	1.186865	0.951191	1.480931
ORC1	0.011233	1.294761	1.060379	1.58095
RAE1	0.182337	1.268001	0.894471	1.797516
PIGW	0.45138	1.142684	0.807561	1.616877
PREP	0.699333	1.078467	0.735058	1.582312

SLC35F2	0.204394	1.158385	0.923087	1.453661
SPIN4	0.040471	1.300363	1.011467	1.671774
FAF1	0.825919	1.04867	0.686624	1.601617
GRB10	0.048416	1.239764	1.001497	1.534718
CDCA3	0.005265	1.33656	1.090168	1.63864
UBE2S	0.000465	1.448802	1.1772	1.783067
MRT04	0.460459	1.161618	0.780353	1.729164
SYCE2	0.619836	1.084879	0.786309	1.49682
SLC25A19	0.691756	0.930527	0.651839	1.328366
PGAM1	0.000694	1.744238	1.264715	2.405575
STK26	0.298769	1.130383	0.897074	1.424371
EHMT2	0.970618	0.994529	0.742746	1.331664
MFSD14B	0.060331	1.48929	0.982847	2.256695
UBE2E2	0.618524	1.071769	0.815867	1.407935
SYT1	0.670817	1.033814	0.886835	1.205153
CGAS	0.2208	1.168492	0.910697	1.499262
MTHFD1L	0.026412	1.42351	1.042245	1.944246
SASS6	0.168773	1.225878	0.91723	1.638388
CCNJ	0.975183	1.004912	0.73797	1.368415
CCNK	0.374547	1.189076	0.811348	1.742659
FAM49B	0.371468	1.147918	0.848252	1.553449
VPS26A	0.125306	1.335355	0.922585	1.932801
PSMD7	0.000851	1.887642	1.299573	2.741817
HTATSF1	0.912057	0.981677	0.707034	1.363002
RFWD3	0.012755	1.52485	1.094043	2.125298
IARS	0.088575	1.323671	0.958565	1.827843
TXNL4A	0.0821	1.419155	0.956414	2.105783
GMNN	0.15828	1.197267	0.93233	1.537489
E2F1	0.255931	1.106868	0.92901	1.318778
TMEM106C	0.360664	1.119882	0.878496	1.427595
DCPS	0.004538	1.65509	1.168707	2.343891
MARK1	0.916057	1.009135	0.852149	1.19504
PFDN4	0.031795	1.352169	1.026629	1.780938
PLAAT1	0.869884	1.013665	0.861723	1.192397
AAGAB	0.00366	1.707363	1.190247	2.449146
GOLIM4	0.683106	1.06155	0.796885	1.414118
LSM14B	0.545829	0.907226	0.661468	1.244292
TAF11	0.739207	1.069495	0.720095	1.588429
ELOVL5	0.4615	1.112735	0.837365	1.478661
TRMT10A	0.013231	1.618085	1.105755	2.367792
MTHFD1	0.024686	1.447716	1.048288	1.999338
CCDC137	0.027672	1.454531	1.042029	2.030328
ABHD14A	0.008932	0.688099	0.519939	0.910646
EID2	0.730174	1.06991	0.728741	1.5708
UNG	0.048934	1.351118	1.001407	1.822955
TIMM22	0.045343	1.676621	1.010772	2.781101
E2F3	0.951291	1.009256	0.750959	1.356396
DZIP1	0.649582	1.066492	0.807893	1.407865
HSPA8	0.03993	1.41141	1.015978	1.960749
EBNA1BP2	0.132267	1.342134	0.914938	1.968792
SUZ12	0.223497	1.207319	0.891413	1.635179
ZBTB12	0.766068	1.034236	0.828534	1.291009
SFTA2	0.117917	0.934634	0.858698	1.017285
EDC3	0.115678	1.410756	0.918873	2.165949



BRD2	0.753602	1.05423	0.758099	1.466036
NMT1	0.449097	1.174077	0.774863	1.778968
HNRNPA1	0.222912	1.286776	0.857853	1.930158
CSTF3	0.169052	1.364338	0.876267	2.124258
GOLGA7	0.493772	1.113232	0.818766	1.513599
AUNIP	0.011012	1.33039	1.067578	1.657899
WBP11	0.073158	1.373603	0.970655	1.943827
RRP1	0.147442	1.31766	0.907218	1.913792
MMP12	0.239487	1.060755	0.961466	1.170296
CDK16	0.054643	1.397195	0.993363	1.965197
TARDBP	0.085245	1.591414	0.937533	2.701344
PFDN6	0.634643	1.096592	0.749687	1.60402
DHX8	0.647392	1.091921	0.749096	1.591639
DNM1L	0.010848	1.490158	1.096365	2.025392
PFKP	0.002521	1.314298	1.100734	1.569298
POGLUT1	0.368761	1.245081	0.771977	2.008126
AURKB	0.03408	1.192392	1.013303	1.403133
DARS	0.084033	1.396751	0.956083	2.040527
GRSF1	0.345281	1.223758	0.804594	1.861292
NIPA2	0.015955	1.536715	1.083527	2.179451
C10orf143	0.138925	0.744977	0.504428	1.100237
GPRIN1	0.009503	1.323621	1.070879	1.636014
MED24	0.828797	1.037125	0.745322	1.443173
CSRP2	0.395722	1.118263	0.864003	1.447348
QRSL1	0.421766	1.158761	0.808849	1.660046
TMED2	0.172756	1.248624	0.907415	1.718137
COIL	0.994852	0.998729	0.678726	1.469606
PARPBP	0.024474	1.308039	1.035178	1.652825
KPNB1	0.09696	1.337	0.948828	1.883976
ARL6IP6	0.159273	1.228013	0.922547	1.634622
PCYT1A	0.004504	1.711596	1.18128	2.479988
TEDC2	0.038148	1.274765	1.013355	1.603609
PTGES2	0.402823	1.164636	0.814928	1.664414
NCBP2AS2	0.14755	1.270342	0.918926	1.756145
FAM161A	0.995811	1.000797	0.743212	1.347659
RNFT2	0.195318	1.153014	0.9295	1.430276
DENR	0.007839	1.667602	1.143883	2.431104
ASAP1	0.041455	1.336979	1.011314	1.767516
B4GALNT4	0.439416	0.952472	0.841866	1.077608
CALU	0.017355	1.366511	1.056553	1.767402
UTP11	0.456093	1.192914	0.750143	1.897031
ADAM17	0.486477	1.098662	0.842901	1.432028
WRNIP1	0.891698	0.973403	0.66034	1.434888
CISD1	0.067287	1.404124	0.976136	2.019763
ALG9	0.285504	0.837099	0.604038	1.160085
BUB3	0.011816	1.609967	1.111243	2.332516
SF3B3	0.248446	1.240495	0.860302	1.788707
FBX041	0.443383	0.90769	0.708567	1.16277
DHX16	0.939345	0.986746	0.699767	1.391418
IPO4	0.414202	1.164783	0.807666	1.679803
MICB	0.418692	1.085511	0.889755	1.324334
ROB01	0.923018	0.989482	0.79849	1.226158
TMLHE	0.324666	1.126921	0.888436	1.429425
CKS1B	0.001871	1.399732	1.132416	1.730149

METTL2A	0.712333	1.077461	0.724719	1.601893
CCDC58	0.04356	1.401253	1.0098	1.944454
COQ2	0.233548	1.249898	0.865943	1.804098
LETM1	0.002679	1.779104	1.221422	2.591416
KIF24	0.14096	1.213024	0.938025	1.568643
GDI1	0.479731	1.146832	0.784316	1.676905
PARP1	0.096349	1.342902	0.948677	1.900947
OGFOD2	0.661447	1.129197	0.655528	1.945127
FBX027	0.162106	1.118665	0.955927	1.309108
MAGEF1	0.234585	1.209809	0.883737	1.656191
ENOX2	0.585677	1.104165	0.773222	1.576754
NOC2L	0.214956	1.22106	0.890523	1.674283
EXOSC8	0.155707	1.34733	0.892738	2.033406
CMC2	0.003171	1.83985	1.227157	2.758448
CCNB1	0.000607	1.400766	1.155297	1.698391
CWF19L1	0.504973	1.154614	0.756627	1.761942
TXNRD1	0.005334	1.207874	1.057602	1.379497
CIB2	0.034887	1.223695	1.014428	1.476132
STK38	0.221905	1.233599	0.880801	1.727708
MAEA	0.01606	1.667131	1.099679	2.527397
EXO5	0.773863	0.948397	0.660743	1.361283
RHNO1	0.067762	1.402899	0.975582	2.017385
UBAC1	0.348583	1.22261	0.803101	1.861255
NUP37	0.032097	1.435667	1.031402	1.998388
MAP3K13	0.937656	0.987362	0.7179	1.357965
NUP153	0.194889	1.210227	0.906923	1.614965
CKAP5	0.085792	1.289365	0.964843	1.72304
TARS	0.266715	1.165858	0.889277	1.528461
ABHD10	0.265213	1.283893	0.827199	1.992726
PRMT6	0.982838	0.997486	0.793016	1.254675
NUP62	0.066245	1.472726	0.974369	2.225976
UBE2V2	0.132569	1.294601	0.924717	1.812437
SLC25A33	0.520537	0.893714	0.634356	1.259112
SFTPB	0.029879	0.93403	0.878235	0.993369
GCH1	0.261536	1.157422	0.896721	1.493915
DENND5B	0.66466	1.060742	0.812491	1.384843
NCS1	0.243889	1.149552	0.909337	1.453223
PPHLN1	0.394913	1.246802	0.75006	2.07252
MTPAP	0.61612	0.900746	0.598589	1.355426
IRAK1	0.228115	1.210786	0.887119	1.652544
TCEA1	0.166968	1.218527	0.92067	1.612748
SEC14L1	0.308518	1.175045	0.861435	1.602826
SNX4	0.847983	1.04237	0.681954	1.593268
LRPPRC	0.117683	1.306341	0.934697	1.825753
SUPT7L	0.73234	1.082659	0.686802	1.70668
ADIPOR2	0.01027	1.471501	1.095601	1.976371
BUB1B	0.002592	1.321724	1.102358	1.584743
EIF4A2	0.911716	1.017761	0.745573	1.389317
RAB35	0.009254	1.798305	1.155913	2.797702
KCTD3	0.052535	1.288646	0.997225	1.665228
FBRSL1	0.66243	0.93737	0.701141	1.253191
TTPAL	0.381847	1.158654	0.832947	1.611722
LRRC61	0.22819	1.196051	0.893905	1.600322
WDR75	0.099964	1.460868	0.930006	2.294754

CENPL	0.060378	1.313361	0.988177	1.745555
WASHC5	0.276574	1.189745	0.87003	1.626947
ZNF853	0.654561	0.956734	0.788223	1.161272
KNSTRN	0.003715	1.384571	1.111356	1.724951
STIL	0.037369	1.269866	1.014071	1.590185
FHOD3	0.17185	1.122528	0.951017	1.324969
PHF13	0.441824	1.147692	0.807924	1.630347
RPL39L	0.061466	1.14669	0.993446	1.323572
CCDC77	0.342545	1.17721	0.84051	1.64879
PDCD5	0.016363	1.498015	1.077018	2.083577
RABL3	0.29009	1.253413	0.824821	1.90471
WNK2	0.440296	0.926972	0.764577	1.123858
SRSF2	0.627678	1.133129	0.683796	1.877724
POLE3	0.189429	1.266712	0.889859	1.803161
LSM6	0.775427	1.066298	0.686035	1.657338
MTFR2	0.013609	1.291181	1.053964	1.581788
CDC23	0.187578	1.336201	0.868279	2.056289
UBXN2A	0.510005	1.139829	0.772229	1.682416
CCT4	0.008608	1.536483	1.115256	2.116804
FAM83G	0.098073	1.250354	0.959554	1.629282
SMIM13	0.417583	1.129576	0.841345	1.51655
SOGA1	0.425323	1.102498	0.867345	1.401405
SEPTIN3	0.701128	0.969927	0.829884	1.133601
PARP2	0.360622	1.164176	0.840383	1.612725
IQCB1	0.290999	0.838128	0.603898	1.163208
DDX52	0.025747	1.523711	1.052322	2.206261
ZSCAN2	0.914947	0.979571	0.670703	1.430677
H2AFV	0.589808	1.115375	0.74993	1.658904
ELOVL6	0.067556	1.166776	0.988923	1.376615
PPP6R1	0.004726	1.783805	1.19391	2.665159