

Supplementary Table 6. Differentially expressed genes in liver hepatocarcinoma (TCGA) compared with co

Gene Symbol	Gene ID	Median (tumor)	Median (normal)	Log2(FC)	p-adjusted
RP11-40C6.2	ENSG00000219928.2	389.910	0.000	8.611	3.30e-78
GPC3	ENSG00000147257.13	148.158	0.920	6.280	6.38e-59
AKR1B10	ENSG00000198074.9	177.158	3.015	5.472	9.84e-30
UBD	ENSG00000213886.3	334.949	7.468	5.310	1.60e-66
MDK	ENSG00000110492.15	132.339	3.805	4.794	7.57e-81
MTND4P12	ENSG00000247627.2	39.650	0.810	4.489	5.49e-17
PLVAP	ENSG00000130300.8	43.030	2.464	3.668	7.99e-127
OR2I1P	ENSG00000237988.3	25.710	1.305	3.535	2.25e-34
PTTG1	ENSG00000164611.12	20.589	0.870	3.529	5.59e-80
ACSL4	ENSG00000068366.19	33.020	2.355	3.342	4.63e-30
PIGY	ENSG00000255072.1	8.940	0.005	3.306	6.41e-13
CCL20	ENSG00000115009.11	22.420	1.500	3.228	7.05e-19
CDKN2A	ENSG00000147889.16	10.790	0.315	3.164	9.92e-63
UBE2C	ENSG00000175063.16	13.240	0.600	3.154	1.56e-68
CCNB1	ENSG00000134057.14	14.800	0.900	3.056	1.24e-71
CDKN3	ENSG00000100526.19	10.960	0.450	3.044	4.14e-74
SPP1	ENSG00000118785.13	75.378	8.524	3.004	2.34e-15
STMN1	ENSG00000117632.20	56.668	6.280	2.986	1.65e-75
CDC20	ENSG00000117399.13	9.320	0.310	2.978	3.93e-63
LYZ	ENSG00000090382.6	81.413	9.505	2.972	1.14e-24
FTH1P7	ENSG00000232187.1	25.500	2.380	2.971	2.02e-72
SPINK1	ENSG00000164266.10	187.155	23.855	2.920	1.47e-6
TOP2A	ENSG00000131747.14	9.540	0.405	2.907	3.35e-65
THY1	ENSG00000154096.13	20.420	1.995	2.838	1.97e-62
RP5-940J5.9	ENSG00000269968.1	20.359	2.015	2.825	1.22e-6
CD24	ENSG00000272398.5	50.850	6.745	2.743	5.43e-13
SFN	ENSG00000175793.11	9.740	0.605	2.742	1.61e-31
PDZK1IP1	ENSG00000162366.7	15.740	1.505	2.740	1.12e-16
LINC00152	ENSG00000222041.10	35.260	4.540	2.711	1.71e-59
TSPAN8	ENSG00000127324.8	52.008	7.160	2.700	2.31e-22
RRM2	ENSG00000171848.13	9.260	0.595	2.685	1.36e-50
HSPB1P1	ENSG00000236060.2	5.310	0.000	2.658	1.66e-49
MIR4435-2HG	ENSG00000172965.14	33.100	4.450	2.645	4.40e-53
ALG1L	ENSG00000189366.9	7.270	0.325	2.642	9.46e-43
LCN2	ENSG00000148346.11	38.101	5.525	2.583	1.58e-13
CXCL10	ENSG00000169245.5	11.720	1.145	2.568	3.36e-23
CAPG	ENSG00000042493.15	26.600	3.725	2.546	7.53e-36
TROAP	ENSG00000135451.12	6.690	0.325	2.537	3.39e-57
UBE2T	ENSG00000077152.9	8.810	0.695	2.533	9.85e-75
CD34	ENSG00000174059.16	14.170	1.625	2.531	8.03e-94
ZWINT	ENSG00000122952.16	9.690	0.865	2.519	7.03e-58
VWF	ENSG00000110799.13	14.410	1.715	2.505	7.16e-57
FTH1P20	ENSG00000226564.1	13.070	1.480	2.504	1.81e-84
MUC13	ENSG00000173702.7	5.820	0.220	2.483	6.99e-25
EEF1A2	ENSG00000101210.10	7.090	0.450	2.480	9.75e-14
NQO1	ENSG00000181019.12	11.720	1.285	2.477	2.02e-29
RP11-452N17.1	ENSG00000277998.1	37.569	5.960	2.470	9.36e-52

CENPF	ENSG00000117724.12	6.140	0.295	2.463	1.12e-53
PRC1	ENSG00000198901.13	10.680	1.120	2.462	3.32e-64
CDK1	ENSG00000170312.15	6.320	0.330	2.460	7.38e-61
TK1	ENSG00000167900.11	17.250	2.335	2.452	2.99e-58
GBA	ENSG00000177628.15	73.480	12.610	2.452	2.46e-103
RP11-334E6.12	ENSG00000263873.1	6.870	0.460	2.430	1.24e-44
RP5-890E16.4	ENSG00000266341.1	4.320	0.000	2.411	2.20e-14
IFI27	ENSG00000165949.12	145.209	26.640	2.403	3.73e-19
HLA-H	ENSG00000206341.7	36.931	6.175	2.402	1.66e-34
HULC	ENSG00000251164.1	307.319	57.466	2.399	1.54e-20
CENPM	ENSG00000100162.14	5.970	0.330	2.390	8.75e-58
BIRC5	ENSG00000089685.14	6.810	0.505	2.376	1.57e-54
EPS8L3	ENSG00000198758.10	4.760	0.130	2.350	2.06e-30
E2F1	ENSG00000101412.12	5.490	0.280	2.342	2.90e-57
RBP7	ENSG00000162444.11	17.259	2.635	2.329	3.32e-59
COL4A1	ENSG00000187498.14	26.299	4.465	2.321	3.62e-43
BLVRA	ENSG00000106605.10	19.460	3.145	2.303	3.46e-46
ROBO1	ENSG00000169855.19	9.190	1.070	2.299	1.09e-32
ST8SIA6-AS1	ENSG00000204832.9	3.810	0.000	2.266	2.87e-27
AC104534.3	ENSG00000268083.5	5.810	0.420	2.262	6.03e-12
LGALS4	ENSG00000171747.8	224.270	46.120	2.257	2.48e-6
PPIAP22	ENSG00000198618.5	165.466	34.006	2.250	9.13e-79
APOC2	ENSG00000234906.8	2.260.615	475.779	2.246	3.11e-13
HNRNPCP2	ENSG00000204253.4	7.960	0.895	2.241	1.00e-63
HMGA1	ENSG00000137309.19	36.319	6.900	2.240	8.96e-51
FTH1P8	ENSG00000219507.4	9.880	1.330	2.223	4.15e-60
RP11-1143G9.4	ENSG00000257764.2	17.640	3.005	2.219	4.02e-19
MMP11	ENSG00000099953.9	5.240	0.350	2.209	9.60e-39
SPC24	ENSG00000161888.11	5.150	0.330	2.209	5.18e-66
NUDT1	ENSG00000106268.15	15.590	2.595	2.206	2.77e-77
RNASEH2A	ENSG00000104889.4	16.151	2.735	2.199	4.56e-77
ACSM1	ENSG00000166743.9	8.560	1.085	2.197	2.43e-16
CTB-63M22.1	ENSG00000229119.3	136.882	29.105	2.195	1.57e-20
CCNB2	ENSG00000157456.7	4.810	0.270	2.194	3.46e-57
AL162151.3	ENSG00000234648.1	202.151	43.611	2.187	1.42e-2
FABP5	ENSG00000164687.10	16.660	2.880	2.186	1.76e-44
HKDC1	ENSG00000156510.12	8.110	1.010	2.180	3.33e-23
TMEM150B	ENSG00000180061.9	6.440	0.645	2.177	3.44e-36
ERICH5	ENSG00000177459.10	18.920	3.410	2.175	1.43e-14
MCM5	ENSG00000100297.15	21.450	4.025	2.160	2.99e-56
MCM2	ENSG00000073111.13	6.750	0.735	2.159	1.21e-49
GMNN	ENSG00000112312.9	31.111	6.190	2.159	2.77e-59
TM4SF4	ENSG00000169903.6	430.001	95.683	2.156	2.86e-18
KIFC1	ENSG00000237649.7	4.370	0.205	2.156	2.31e-55
AC005255.3	ENSG00000256210.3	3.450	0.000	2.154	6.77e-37
RP11-667K14.4	ENSG00000262533.1	6.330	0.655	2.147	5.25e-22
S100A10	ENSG00000197747.8	241.168	54.345	2.129	2.01e-41
CKS1BP3	ENSG00000268942.2	5.440	0.475	2.126	1.92e-51
CENPW	ENSG00000203760.8	8.100	1.100	2.115	3.78e-62
KIAA0101	ENSG00000166803.10	9.860	1.510	2.113	9.70e-50

HLA-A	ENSG00000206503.11	714.504	165.214	2.106	3.22e-46
TYMS	ENSG00000176890.15	16.400	3.050	2.103	2.21e-48
EIF5AP4	ENSG00000234743.1	3.950	0.160	2.093	9.78e-37
MYBL2	ENSG00000101057.15	4.070	0.190	2.091	3.56e-43
UBE2S	ENSG00000108106.13	19.390	3.845	2.073	5.29e-67
CAP2	ENSG00000112186.11	8.860	1.345	2.072	3.05e-52
AURKA	ENSG00000087586.17	7.350	0.990	2.069	2.38e-56
UBE2SP2	ENSG00000224126.2	3.540	0.085	2.065	3.79e-71
RGCC	ENSG00000102760.12	11.910	2.120	2.049	1.35e-36
CPVL	ENSG00000106066.13	14.500	2.755	2.045	3.69e-20
LAPTM4B	ENSG00000104341.16	34.179	7.560	2.039	7.12e-31
TMSB10	ENSG00000034510.5	859.646	208.556	2.038	1.53e-37
LAMC1	ENSG00000135862.5	26.829	5.775	2.038	2.21e-43
H3F3AP4	ENSG00000235655.3	144.256	34.374	2.038	4.70e-16
AURKB	ENSG00000178999.12	5.250	0.530	2.030	3.98e-50
THBS4	ENSG00000113296.14	3.680	0.150	2.025	6.22e-40
CD74	ENSG00000019582.14	753.727	185.354	2.018	1.25e-25
AC239868.2	ENSG00000280874.1	22.920	4.910	2.017	4.33e-23
AC239868.3	ENSG00000281134.1	22.920	4.910	2.017	4.33e-23
BOLA2B	ENSG00000169627.7	84.670	20.260	2.011	1.17e-74
KPNA2	ENSG00000182481.8	28.430	6.310	2.009	1.03e-62
ANXA2	ENSG00000182718.16	254.866	63.065	1.998	1.96e-44
RP11-10G12.1	ENSG00000244538.1	2.990	0.000	1.996	3.34e-66
LGALS3	ENSG00000131981.15	30.231	6.845	1.993	1.84e-25
DBNDD1	ENSG00000003249.13	11.410	2.120	1.992	7.68e-36
TPX2	ENSG00000088325.15	6.000	0.765	1.988	5.60e-45
CYP7A1	ENSG00000167910.3	10.650	1.939	1.987	7.80e-10
PKMYT1	ENSG00000127564.16	5.720	0.695	1.987	1.95e-56
RECQL4	ENSG00000160957.12	8.650	1.435	1.987	6.01e-51
CDCA3	ENSG00000111665.11	5.670	0.685	1.985	4.65e-50
HLA-DRA	ENSG00000204287.13	171.468	42.669	1.982	3.47e-16
RPS28P7	ENSG00000227097.5	722.222	182.518	1.979	1.96e-74
COL4A2	ENSG00000134871.17	30.359	7.015	1.968	1.19e-37
AKR1C3	ENSG00000196139.11	351.236	89.588	1.959	3.03e-46
ESM1	ENSG00000164283.12	3.220	0.090	1.953	1.59e-52
HLA-DQB1	ENSG00000179344.16	22.920	5.189	1.950	3.59e-16
CDCA5	ENSG00000146670.9	3.890	0.275	1.939	6.90e-56
HSPB1	ENSG00000106211.8	644.572	168.996	1.925	2.04e-43
RGS5	ENSG00000143248.12	18.010	4.010	1.924	2.20e-34
NEK2	ENSG00000117650.12	3.210	0.110	1.923	2.38e-51
NELFE	ENSG00000204356.11	58.618	14.750	1.920	4.92e-73
SULT1C2	ENSG00000198203.9	4.090	0.350	1.915	3.66e-19
LMNA	ENSG00000160789.19	175.520	45.859	1.913	4.12e-85
CRNDE	ENSG00000245694.8	4.620	0.500	1.906	2.52e-27
NDUFA4L2	ENSG00000185633.10	14.620	3.170	1.905	4.81e-41
PAFAH1B3	ENSG00000079462.7	14.810	3.225	1.904	2.54e-43
TMEM98	ENSG00000006042.11	30.380	7.440	1.895	2.53e-21
COA6	ENSG00000168275.14	53.471	13.715	1.888	2.18e-88
CDT1	ENSG00000167513.8	3.680	0.265	1.887	1.30e-49
CDKN2C	ENSG00000123080.10	7.910	1.415	1.883	4.49e-54

TCF19	ENSG00000137310.11	4.270	0.440	1.872	6.76e-47
PEG10	ENSG00000242265.5	5.210	0.710	1.861	3.12e-13
TREM2	ENSG00000095970.16	3.510	0.245	1.857	9.01e-33
HRCT1	ENSG00000196196.2	4.340	0.480	1.851	2.27e-36
HULC	ENSG00000276019.1	127.221	34.625	1.848	6.45e-12
RPL7P1	ENSG00000214485.6	20.549	5.000	1.845	1.49e-45
PABPC1	ENSG00000070756.13	653.570	181.313	1.844	9.41e-59
DTNA	ENSG00000134769.21	6.140	0.990	1.843	4.13e-27
CCT3	ENSG00000163468.14	185.734	51.090	1.842	3.78e-87
MCM6	ENSG00000076003.4	7.880	1.485	1.837	2.31e-49
TMEM106C	ENSG00000134291.11	44.050	11.765	1.819	6.54e-59
ASPM	ENSG00000066279.16	2.960	0.125	1.816	8.72e-54
FOXM1	ENSG00000111206.12	5.720	0.910	1.815	2.70e-41
ENPP2	ENSG00000136960.12	14.990	3.555	1.812	3.56e-22
SQLE	ENSG00000104549.11	36.309	9.635	1.811	2.09e-25
SNRPE	ENSG00000182004.12	137.548	38.494	1.811	5.11e-83
GOLM1	ENSG00000135052.16	22.400	5.695	1.805	7.37e-18
PEA15	ENSG00000162734.12	45.819	12.420	1.803	3.81e-58
ELOVL2	ENSG00000197977.3	17.600	4.335	1.802	7.73e-15
FEN1	ENSG00000168496.3	12.590	2.900	1.801	7.26e-62
FABP5P7	ENSG00000234964.4	8.220	1.645	1.801	1.41e-32
NUSAP1	ENSG00000137804.12	8.310	1.675	1.799	2.72e-40
SMYD3	ENSG00000185420.18	13.120	3.060	1.798	2.36e-59
SMIM4	ENSG00000168273.7	34.900	9.335	1.796	1.83e-59
SNRPB	ENSG00000125835.17	126.473	35.895	1.789	1.23e-70
COL15A1	ENSG00000204291.10	3.030	0.170	1.784	4.85e-52
PVT1	ENSG00000249859.7	6.010	1.035	1.784	7.25e-20
SLC51B	ENSG00000186198.3	3.870	0.415	1.783	6.74e-27
SPARCL1	ENSG00000152583.12	19.100	4.845	1.782	1.87e-22
SNRPEP2	ENSG00000256968.1	7.970	1.610	1.781	2.82e-64
TP53I3	ENSG00000115129.13	20.090	5.150	1.778	2.13e-35
CRIP1	ENSG00000213145.9	26.359	7.010	1.772	1.06e-23
SPATC1L	ENSG00000160284.14	3.810	0.410	1.770	3.21e-38
ETV4	ENSG00000175832.12	3.970	0.460	1.767	9.97e-26
PDGFA	ENSG00000197461.13	9.080	1.965	1.765	1.02e-27
NEU1	ENSG00000204386.10	55.299	15.570	1.765	3.02e-68
TMEM45B	ENSG00000151715.7	29.900	8.100	1.764	7.97e-11
RNF185-AS1	ENSG00000254835.1	3.090	0.212	1.755	6.30e-5
CKS2	ENSG00000123975.4	31.349	8.620	1.750	3.56e-45
CTSA	ENSG00000064601.16	181.974	53.563	1.746	1.71e-70
KIF20A	ENSG00000112984.11	2.790	0.130	1.746	9.12e-45
MCM3	ENSG00000112118.17	20.530	5.435	1.742	9.00e-46
GLMP	ENSG00000198715.11	123.023	36.071	1.742	4.49e-67
PCNA	ENSG00000132646.10	48.090	13.710	1.739	1.99e-57
NSMCE2	ENSG00000156831.7	20.920	5.565	1.739	4.91e-85
ASF1B	ENSG00000105011.8	3.270	0.280	1.738	7.91e-48
MKI67	ENSG00000148773.12	2.900	0.170	1.737	6.18e-46
NME1	ENSG00000239672.7	100.099	29.344	1.736	3.98e-60
KRTCAP2	ENSG00000163463.11	342.651	102.454	1.732	1.10e-93
NDC80	ENSG00000080986.12	2.910	0.180	1.728	3.06e-52

HLA-DPB1	ENSG00000223865.10	59.821	17.400	1.725	2.74e-14
SCAMP3	ENSG00000116521.10	85.793	25.355	1.720	5.81e-83
RPL8	ENSG00000161016.15	1.876.722	569.775	1.718	6.14e-59
RACGAP1	ENSG00000161800.12	4.610	0.705	1.718	1.73e-50
MCM4	ENSG00000104738.16	11.240	2.725	1.716	1.41e-37
TAGLN2	ENSG00000158710.14	252.545	76.164	1.716	3.34e-43
CYSTM1	ENSG00000120306.9	72.781	21.570	1.709	6.22e-58
CLIC1	ENSG00000213719.8	143.867	43.331	1.708	1.91e-47
SPARC	ENSG00000113140.10	214.881	65.260	1.704	8.74e-29
RP11-295G20.2	ENSG00000233461.5	20.340	5.555	1.703	9.96e-37
HN1	ENSG00000189159.15	64.208	19.065	1.700	8.00e-54
AC005943.6	ENSG00000279009.1	2.240	0.000	1.696	5.01e-3
RAMP1	ENSG00000132329.10	103.679	31.471	1.689	1.78e-15
CDH13	ENSG00000140945.15	3.250	0.320	1.687	2.95e-66
NCAPG	ENSG00000109805.9	2.590	0.115	1.687	1.63e-46
SEZ6L2	ENSG00000174938.14	2.880	0.205	1.687	3.02e-23
TUBA1B	ENSG00000123416.15	234.996	72.433	1.684	8.76e-30
ARSEP1	ENSG00000224060.3	2.500	0.090	1.683	1.24e-10
PKN1	ENSG00000123143.12	44.609	13.205	1.683	1.92e-45
DPP4	ENSG00000197635.9	19.360	5.345	1.682	3.61e-16
UGT1A6	ENSG00000167165.18	70.370	21.275	1.680	2.54e-5
MAD2L1	ENSG00000164109.13	3.900	0.535	1.675	1.61e-47
KRT23	ENSG00000108244.16	2.850	0.210	1.670	2.75e-10
VPS72	ENSG00000163159.11	28.489	8.295	1.666	7.94e-78
MCAM	ENSG00000076706.14	14.760	3.970	1.665	3.84e-36
BAX	ENSG00000087088.19	78.710	24.245	1.659	1.38e-59
BOLA2	ENSG00000183336.7	10.800	2.740	1.658	3.31e-53
C12orf75	ENSG00000235162.8	6.370	1.335	1.658	2.87e-18
CPQ	ENSG00000104324.15	47.940	14.525	1.656	4.21e-58
NTPCR	ENSG00000135778.11	54.161	16.505	1.656	2.67e-68
VIL1	ENSG00000127831.10	14.910	4.055	1.654	1.06e-7
LAGE3	ENSG00000196976.6	36.590	11.005	1.647	2.33e-67
RP11-756A22.7	ENSG00000273628.1	2.130	0.000	1.646	2.60e-20
SF3B4	ENSG00000143368.9	35.839	10.790	1.644	1.44e-68
TKT	ENSG00000163931.15	113.921	35.770	1.644	3.14e-33
RP11-345J4.6	ENSG00000260335.1	2.120	0.000	1.642	1.56e-4
SHFM1	ENSG00000127922.9	305.070	97.133	1.641	1.47e-81
RP3-461F17.3	ENSG00000268439.5	7.650	1.780	1.638	3.70e-34
GRN	ENSG00000030582.16	187.857	59.719	1.637	6.44e-71
RRS1	ENSG00000179041.3	16.000	4.470	1.636	1.32e-34
SSR2	ENSG00000163479.13	259.267	82.939	1.633	6.01e-67
RP11-316M1.12	ENSG00000259357.2	78.699	24.778	1.628	2.61e-19
ANXA2P2	ENSG00000231991.4	4.420	0.755	1.627	1.14e-37
CDC45	ENSG00000093009.9	3.070	0.320	1.624	7.92e-45
COX4I2	ENSG00000131055.4	3.100	0.330	1.624	4.93e-71
NUF2	ENSG00000143228.12	2.480	0.130	1.623	8.54e-46
APOA1BP	ENSG00000163382.11	120.684	38.634	1.618	9.18e-90
CNIH4	ENSG00000143771.11	32.810	10.014	1.618	1.20e-64
PYCARD	ENSG00000103490.13	16.680	4.764	1.617	1.09e-21
STXBP6	ENSG00000168952.15	6.170	1.340	1.615	9.91e-40

AP003391.1	ENSG00000281272.1	2.060	0.000	1.614	1.08e-3
ENAH	ENSG00000154380.16	10.650	2.805	1.614	2.54e-29
HDAC11	ENSG00000163517.14	8.490	2.100	1.614	4.48e-54
MND1	ENSG00000121211.7	2.580	0.170	1.613	4.58e-64
PSMD4	ENSG00000159352.15	242.576	78.784	1.610	2.53e-79
CKLF	ENSG00000217555.12	29.829	9.115	1.608	2.26e-62
COMMD4	ENSG00000140365.15	110.170	35.546	1.605	1.73e-97
SORT1	ENSG00000134243.11	7.080	1.660	1.603	2.69e-34
CCDC34	ENSG00000109881.16	5.740	1.220	1.602	1.03e-51
GPNMB	ENSG00000136235.15	12.740	3.525	1.602	4.77e-17
NCAPH	ENSG00000121152.9	2.550	0.170	1.601	2.29e-45
PIGC	ENSG00000135845.9	22.070	6.605	1.601	1.92e-71
HMG2N2P5	ENSG00000234664.1	42.659	13.404	1.600	2.32e-34
EPHX1	ENSG00000143819.12	1.532.848	505.370	1.599	2.23e-17
RPL37P6	ENSG00000241431.1	2.030	0.000	1.599	8.18e-40
HLA-F	ENSG00000204642.13	95.709	30.939	1.598	5.53e-21
MAN2B1	ENSG00000104774.12	55.591	17.704	1.597	1.74e-60
ATOX1	ENSG00000177556.11	347.290	114.178	1.596	6.63e-63
PIGU	ENSG00000101464.10	16.750	4.875	1.595	1.06e-81
CENPU	ENSG00000151725.11	4.690	0.885	1.594	4.48e-42
ITGA6	ENSG00000091409.14	10.250	2.740	1.589	1.72e-41
TNFRSF4	ENSG00000186827.10	2.970	0.320	1.589	4.05e-65
RPL30	ENSG00000156482.10	1.964.708	654.091	1.585	1.70e-64
UQCC2	ENSG00000137288.9	98.373	32.169	1.583	7.45e-74
SQSTM1	ENSG00000161011.19	460.225	152.900	1.583	1.68e-40
HLA-DQA1	ENSG00000196735.11	12.490	3.505	1.582	1.17e-9
TMCO1	ENSG00000143183.16	124.940	41.106	1.581	1.55e-60
IQGAP3	ENSG00000183856.10	2.350	0.120	1.581	4.48e-45
RMI2	ENSG00000175643.8	3.390	0.470	1.578	1.38e-41
H2AFZ	ENSG00000164032.11	99.808	32.785	1.577	4.21e-53
RP11-345J4.5	ENSG00000261740.5	18.040	5.385	1.576	5.76e-58
SNRPC	ENSG00000124562.9	118.742	39.239	1.573	4.96e-80
SOX9	ENSG00000125398.5	4.950	1.000	1.573	3.90e-17
RPL36A	ENSG00000241343.9	883.691	296.337	1.573	5.82e-59
UGT2B11	ENSG00000213759.8	3.800	0.615	1.572	4.59e-20
FAM83D	ENSG00000101447.13	4.500	0.855	1.568	1.65e-36
OLFML2B	ENSG00000162745.10	2.780	0.275	1.568	3.12e-45
SLC44A3	ENSG00000143036.16	6.790	1.630	1.567	4.44e-26
U91328.1	ENSG00000281052.1	1.960	0.000	1.566	1.88e-3
RP11-620J15.3	ENSG00000257698.1	5.080	1.055	1.565	8.54e-53
BSG	ENSG00000172270.18	301.329	101.335	1.563	1.20e-64
CCL15	ENSG00000275718.1	29.421	9.305	1.562	1.09e-23
HMMR	ENSG00000072571.19	2.540	0.200	1.561	4.19e-43
RGS10	ENSG00000148908.14	7.600	1.915	1.561	4.08e-31
CPE	ENSG00000109472.13	15.740	4.685	1.558	2.12e-24
SUMO2	ENSG00000188612.11	146.859	49.280	1.556	7.57e-57
GNAZ	ENSG00000128266.8	2.380	0.150	1.555	1.68e-35
CLN3	ENSG00000188603.16	58.809	19.355	1.555	2.78e-68
MELK	ENSG00000165304.7	2.230	0.100	1.554	1.08e-44
CXCL9	ENSG00000138755.5	4.180	0.765	1.553	5.77e-14

ITIH2	ENSG00000151655.17	623.739	212.342	1.550	1.81e-9
ILF2	ENSG00000143621.16	80.991	27.020	1.549	3.65e-67
LGALS3BP	ENSG00000108679.12	160.385	54.264	1.546	2.76e-8
HIST2H2AAA4	ENSG00000272196.2	29.590	9.480	1.545	1.62e-12
TLCD1	ENSG00000160606.10	16.110	4.870	1.543	4.12e-47
TOMM20	ENSG00000173726.10	65.871	21.944	1.543	3.13e-69
SNX8	ENSG00000106266.8	17.730	5.430	1.542	3.64e-55
MRPL24	ENSG00000143314.12	161.735	54.922	1.541	2.07e-75
PTP4A3	ENSG00000184489.11	8.630	2.310	1.541	1.56e-32
RNASE1	ENSG00000129538.13	56.531	18.800	1.539	4.55e-29
XXbac- BPG116M5.17	ENSG00000244255.5	5.750	1.324	1.538	9.66e-5
TNFRSF12A	ENSG00000006327.13	46.019	15.247	1.533	8.77e-15
VAT1	ENSG00000108828.15	49.370	16.410	1.533	1.56e-44
RPL7P9	ENSG00000137970.7	28.391	9.160	1.533	1.79e-48
SCNM1	ENSG00000163156.11	33.210	10.825	1.533	9.85e-72
BOP1	ENSG00000261236.5	28.041	9.040	1.532	7.46e-50
HLA-DMA	ENSG00000204257.14	37.320	12.255	1.532	1.92e-20
PECAM1	ENSG00000261371.5	11.390	3.285	1.532	2.92e-39
UFC1	ENSG00000143222.11	97.497	33.145	1.528	7.85e-76
SCAMP5	ENSG00000198794.11	3.870	0.690	1.527	2.60e-24
GBP2	ENSG00000162645.12	45.972	15.320	1.525	3.30e-36
NR2C2AP	ENSG00000184162.14	14.330	4.330	1.524	1.09e-71
APOA2	ENSG00000158874.11	31.278.852	10.880.067	1.523	9.24e-4
NT5DC2	ENSG00000168268.10	11.390	3.310	1.523	4.62e-26
ITPKA	ENSG00000137825.10	3.460	0.555	1.520	3.00e-30
GPAA1	ENSG00000197858.10	115.511	39.639	1.520	7.85e-66
RP11-641D5.1	ENSG00000213178.3	174.126	60.058	1.520	2.02e-49
HMGB2	ENSG00000164104.11	34.871	11.520	1.519	1.95e-43
RPL39P3	ENSG00000235174.1	319.151	110.798	1.518	2.15e-18
CDCA8	ENSG00000134690.10	2.690	0.290	1.516	7.21e-44
SNCG	ENSG00000173267.13	6.780	1.720	1.516	1.21e-23
RP11-61N20.3	ENSG00000226268.3	6.120	1.490	1.516	1.21e-19
HSP90AB1	ENSG00000096384.19	400.622	139.516	1.515	4.29e-45
EEF1A1P6	ENSG00000233476.3	11.700	3.450	1.513	1.01e-30
BCAP31	ENSG00000185825.15	202.657	70.416	1.512	1.98e-72
LINC01296	ENSG00000244306.9	2.280	0.150	1.512	2.92e-34
ZFAS1	ENSG00000177410.12	81.002	27.780	1.511	7.16e-40
GM2A	ENSG00000196743.8	16.000	4.965	1.511	1.23e-64
ARPC5	ENSG00000162704.15	86.762	29.820	1.510	3.85e-56
H3F3A	ENSG00000163041.9	397.496	139.034	1.509	9.56e-73
ROMO1	ENSG00000125995.15	249.154	86.933	1.508	3.79e-69
PODXL	ENSG00000128567.16	5.700	1.355	1.508	8.20e-32
LEF1	ENSG00000138795.9	2.670	0.290	1.508	8.05e-29
POLR2K	ENSG00000147669.10	55.819	19.015	1.505	8.99e-80
NPM1	ENSG00000181163.13	485.355	170.378	1.505	2.36e-47
RP11-215A21.2	ENSG00000236058.3	2.320	0.170	1.505	1.69e-56
CKS1B	ENSG00000173207.12	71.878	24.695	1.504	3.76e-61
TXN	ENSG00000136810.12	347.458	121.873	1.504	1.17e-50
KIAA1462	ENSG00000165757.8	3.310	0.520	1.504	9.40e-51

HIST1H2BK	ENSG00000197903.7	106.042	36.820	1.501	4.03e-23
PFDN6	ENSG00000204220.9	118.569	41.236	1.501	1.97e-73
RPL41	ENSG00000279483.1	2.353.512	831.227	1.500	7.63e-52
TM4SF1	ENSG00000169908.10	41.469	14.024	1.499	5.03e-16
LTB	ENSG00000227507.2	7.990	2.180	1.499	1.25e-15
HLA-DPA1	ENSG00000231389.7	49.969	17.045	1.498	2.45e-11
DTL	ENSG00000143476.17	2.230	0.145	1.496	1.04e-41
RP11-284F21.10	ENSG00000272405.1	1.990	0.060	1.496	3.11e-29
IFI27L1	ENSG00000165948.10	14.550	4.515	1.495	1.39e-60
TMED3	ENSG00000166557.12	20.710	6.700	1.495	1.13e-9
PBK	ENSG00000168078.9	2.100	0.100	1.495	8.04e-41
G6PD	ENSG00000160211.15	9.900	2.875	1.492	1.33e-28
MAGED2	ENSG00000102316.16	63.711	22.045	1.490	1.27e-57
ABHD12	ENSG00000100997.18	35.671	12.070	1.488	3.60e-75
PSMB9	ENSG00000240065.7	50.011	17.194	1.487	6.35e-29
RELB	ENSG00000104856.13	13.580	4.209	1.485	2.92e-31
MYL6B	ENSG00000196465.10	27.219	9.079	1.485	1.42e-52
HLA-B	ENSG00000234745.9	788.298	281.004	1.485	1.15e-16
DARS2	ENSG00000117593.9	10.480	3.105	1.484	3.52e-50
RAB11FIP4	ENSG00000131242.15	5.220	1.225	1.483	3.08e-36
PLA2G4C	ENSG00000105499.13	16.410	5.250	1.478	3.54e-30
ANKRD29	ENSG00000154065.16	3.480	0.610	1.476	6.70e-29
DBP	ENSG00000105516.10	18.810	6.130	1.474	2.74e-34
PIGT	ENSG00000124155.16	65.050	22.780	1.474	1.20e-72
ANLN	ENSG0000011426.10	2.260	0.175	1.472	2.75e-40
ATAD2	ENSG00000156802.12	6.910	1.855	1.470	1.16e-38
MRPS21	ENSG00000266472.5	63.999	22.470	1.470	1.96e-74
EIF3E	ENSG00000104408.9	194.253	69.545	1.469	1.00e-45
NOTCH3	ENSG00000074181.8	4.320	0.925	1.467	5.02e-30
CKAP4	ENSG00000136026.13	32.450	11.110	1.466	9.61e-39
DYNLRB1	ENSG00000125971.16	145.139	51.949	1.465	1.38e-80
CENPA	ENSG00000115163.14	2.090	0.120	1.464	6.70e-44
RHNO1	ENSG00000171792.10	6.630	1.770	1.462	2.76e-52
SNRPD1	ENSG00000167088.10	42.220	14.700	1.461	1.13e-60
ATP6V1F	ENSG00000128524.4	102.047	36.464	1.460	5.33e-67
NPM3	ENSG00000107833.10	17.140	5.595	1.460	2.79e-27
ZNF28	ENSG00000198538.10	3.540	0.650	1.460	1.30e-20
PHLDA2	ENSG00000181649.5	4.540	1.015	1.459	2.33e-12
RPLPOP6	ENSG00000213553.4	13.890	4.415	1.459	7.08e-44
UCK2	ENSG00000143179.12	18.220	6.000	1.457	5.06e-48
RFC4	ENSG00000163918.10	12.420	3.890	1.457	1.42e-48
KIF2C	ENSG00000142945.12	2.210	0.170	1.456	6.33e-43
TRIM31	ENSG00000204616.10	2.550	0.295	1.455	7.90e-21
RP1-241P17.4	ENSG00000228532.4	3.770	0.740	1.455	9.14e-15
APOBEC3B	ENSG00000179750.15	2.340	0.220	1.453	2.35e-29
RHOC	ENSG00000155366.16	174.755	63.284	1.451	4.75e-51
PRPF6	ENSG00000101161.7	40.029	14.020	1.450	6.06e-85
MTX1	ENSG00000173171.14	58.838	20.895	1.450	1.55e-82
SERF1B	ENSG00000205572.9	18.650	6.190	1.450	1.62e-60
SRXN1	ENSG00000271303.1	30.141	10.395	1.450	1.06e-28

COX6B1	ENSG00000126267.8	407.285	148.543	1.449	4.41e-65
SNRPD2	ENSG00000125743.10	193.165	70.121	1.449	8.88e-60
TACC3	ENSG00000013810.18	10.260	3.130	1.447	2.48e-40
LYPD1	ENSG00000150551.10	2.340	0.225	1.447	3.30e-24
RP11-443P15.2	ENSG00000171658.8	1.780	0.020	1.447	1.02e-27
CCNA2	ENSG00000145386.9	2.960	0.455	1.445	1.85e-36
PRIM1	ENSG00000198056.13	5.970	1.560	1.445	1.73e-42
RNF157	ENSG00000141576.14	3.300	0.580	1.444	5.21e-26
LMNB1	ENSG00000113368.11	7.730	2.210	1.443	2.22e-27
MRPS23	ENSG00000181610.12	28.859	9.985	1.443	1.07e-47
TMEM9	ENSG00000116857.16	78.102	28.145	1.440	6.19e-64
PBXIP1	ENSG00000163346.16	38.369	13.510	1.440	5.51e-53
PKM	ENSG00000067225.17	38.791	13.675	1.439	7.36e-21
GDF15	ENSG00000130513.6	44.510	15.795	1.438	1.80e-15
PLK1	ENSG00000166851.14	3.770	0.765	1.434	6.79e-36
SAC3D1	ENSG00000168061.13	13.780	4.470	1.434	1.33e-70
RBM34	ENSG00000188739.14	44.711	15.919	1.434	4.00e-70
MEA1	ENSG00000124733.3	62.691	22.585	1.433	2.41e-84
RAMP2	ENSG00000131477.10	17.270	5.770	1.432	1.02e-32
RPL23AP42	ENSG00000234851.4	644.751	238.359	1.432	1.41e-52
RPN2	ENSG00000118705.16	201.829	74.294	1.430	1.68e-75
GTF2IP4	ENSG00000233369.7	23.860	8.225	1.430	1.57e-28
CDC25C	ENSG00000158402.18	1.840	0.055	1.429	3.83e-53
NENF	ENSG00000117691.9	81.311	29.561	1.429	4.92e-71
IFI30	ENSG00000216490.3	140.769	51.639	1.429	1.31e-30
CACYBP	ENSG00000116161.17	43.419	15.510	1.428	6.64e-39
CTHRC1	ENSG00000164932.12	2.350	0.245	1.428	3.20e-24
FAT1	ENSG00000083857.13	33.420	11.800	1.427	3.61e-20
HIGD1B	ENSG00000131097.6	2.200	0.190	1.427	6.54e-69
TUBG1	ENSG00000131462.7	24.470	8.475	1.427	1.90e-43
HLA-DRB6	ENSG00000229391.7	4.280	0.965	1.426	1.57e-14
SLC41A3	ENSG00000114544.15	18.379	6.215	1.425	5.16e-66
RPL38	ENSG00000172809.12	1.230.730	457.934	1.424	8.63e-66
KIF4A	ENSG00000090889.11	1.870	0.070	1.423	4.49e-43
SPC25	ENSG00000152253.8	2.110	0.160	1.423	3.18e-47
PAQR4	ENSG00000162073.13	3.820	0.800	1.421	7.08e-32
KIAA1522	ENSG00000162522.10	11.990	3.850	1.421	4.79e-36
UQCRB	ENSG00000156467.9	349.269	129.912	1.420	4.17e-69
LSM2	ENSG00000204392.10	38.869	13.895	1.420	2.80e-64
RP11-464D20.2	ENSG00000239246.3	2.610	0.350	1.419	1.55e-43
ATP5G1	ENSG00000159199.13	239.967	89.216	1.417	2.90e-65
H2AFX	ENSG00000188486.3	14.940	4.970	1.417	8.39e-40
RPL39P40	ENSG00000226580.1	1.670	0.000	1.417	4.39e-2
FDPS	ENSG00000160752.14	291.630	108.698	1.416	2.85e-38
EHMT2	ENSG00000204371.11	23.360	8.135	1.415	1.27e-58
MMP14	ENSG00000157227.12	15.000	5.000	1.415	6.88e-21
SNRPGP2	ENSG00000264350.1	9.320	2.870	1.415	5.66e-38
ATP6AP1	ENSG00000071553.16	65.639	24.015	1.414	1.58e-72
CADM1	ENSG00000182985.16	40.070	14.410	1.414	1.01e-20
LOXL4	ENSG00000138131.3	3.580	0.720	1.413	6.30e-8

TPM3	ENSG00000143549.19	124.154	46.160	1.408	3.43e-50
SELM	ENSG00000198832.10	33.981	12.185	1.408	9.10e-14
HLA-DMB	ENSG00000242574.8	14.220	4.740	1.407	5.56e-17
CUTA	ENSG00000112514.15	288.894	108.548	1.404	1.34e-74
Metazoa_SRP	ENSG00000274012.1	343.769	129.247	1.404	1.20e-14
S100A13	ENSG00000189171.13	75.290	27.839	1.403	6.17e-19
VAMP5	ENSG00000168899.4	90.880	33.767	1.402	1.87e-43
TOMM6	ENSG00000214736.7	230.017	86.413	1.402	1.25e-72
SLC50A1	ENSG00000169241.17	65.289	24.135	1.399	1.38e-50
ZNF706	ENSG00000120963.11	102.992	38.450	1.398	4.72e-59
FAM83H	ENSG00000180921.6	14.960	5.055	1.398	1.52e-39
TESC	ENSG00000088992.17	7.240	2.130	1.397	5.28e-16
RPL37	ENSG00000145592.13	1.566.576	594.465	1.396	2.08e-66
EXOSC4	ENSG00000178896.6	41.630	15.195	1.396	1.23e-55
HIST1H1C	ENSG00000187837.3	128.818	48.314	1.396	2.82e-24
MARCKS	ENSG00000277443.1	15.050	5.100	1.396	5.08e-28
BMS1P8	ENSG00000260518.1	1.920	0.110	1.395	1.45e-28
RP11-713M15.2	ENSG00000272502.1	10.170	3.250	1.394	3.38e-32
BOLA3	ENSG00000163170.11	36.339	13.220	1.393	4.46e-65
PXMP4	ENSG00000101417.11	10.380	3.335	1.392	3.71e-58
PPDPF	ENSG00000125534.9	190.982	72.223	1.391	1.61e-16
NME2	ENSG00000011052.21	15.899	5.455	1.389	5.15e-22
EPRS	ENSG00000136628.17	37.111	13.560	1.388	2.11e-61
FLYWCH2	ENSG00000162076.12	14.310	4.850	1.388	1.74e-39
PSPH	ENSG00000146733.13	8.690	2.705	1.387	2.07e-35
RPL39L	ENSG00000163923.9	5.420	1.460	1.384	1.23e-15
NRM	ENSG00000137404.14	8.470	2.630	1.383	1.91e-38
RPS21	ENSG00000171858.17	1.270.692	486.517	1.383	9.69e-56
FANCI	ENSG00000140525.17	3.080	0.565	1.382	1.22e-44
ALYREF	ENSG00000183684.7	37.749	13.900	1.379	1.14e-52
DRAP1	ENSG00000175550.7	101.391	38.361	1.379	4.29e-83
PLP2	ENSG00000102007.10	24.319	8.734	1.379	1.90e-17
PDZD11	ENSG00000120509.10	30.370	11.065	1.379	4.14e-71
FLVCR1	ENSG00000162769.12	3.430	0.705	1.378	3.91e-51
YWHAZ	ENSG00000164924.17	107.380	40.699	1.378	1.29e-36
TUBA1C	ENSG00000167553.14	72.028	27.100	1.378	5.52e-19
ATP1A1	ENSG00000163399.15	136.342	51.872	1.377	1.61e-31
MAZ	ENSG00000103495.13	114.332	43.406	1.377	1.78e-68
NHP2	ENSG00000145912.8	99.332	37.635	1.377	6.68e-71
NDUFB9	ENSG00000147684.7	377.752	144.862	1.377	2.15e-64
PRAP1	ENSG00000165828.13	676.102	259.618	1.377	4.48e-5
IFI6	ENSG00000126709.14	95.742	36.279	1.376	2.97e-10
C15orf48	ENSG00000166920.10	3.020	0.550	1.375	7.15e-16
AATF	ENSG00000275700.4	29.171	10.640	1.374	3.60e-73
CLDN15	ENSG00000106404.13	24.411	8.805	1.374	1.73e-16
RPL35P5	ENSG00000225573.4	5.170	1.380	1.374	7.81e-45
GMPS	ENSG00000163655.15	19.410	6.880	1.373	9.06e-52
HMG1N1P37	ENSG00000229237.2	1.590	0.000	1.373	5.96e-38
ARL2	ENSG00000213465.7	24.729	8.940	1.372	6.90e-39
LINC00511	ENSG00000227036.6	1.860	0.105	1.372	2.19e-23

HJURP	ENSG00000123485.11	2.220	0.245	1.371	2.04e-40
ATP1B1	ENSG00000143153.12	97.951	37.295	1.370	1.12e-29
PRCC	ENSG00000143294.14	41.280	15.355	1.370	7.36e-76
MCM7	ENSG00000166508.17	32.919	12.145	1.368	6.89e-41
H2AFJ	ENSG00000246705.4	110.208	42.105	1.367	5.74e-43
TMCO3	ENSG00000150403.17	15.330	5.335	1.366	1.16e-24
UQCRH	ENSG00000173660.11	217.594	83.829	1.366	1.14e-57
UXS1	ENSG00000115652.14	15.490	5.405	1.364	1.89e-47
RFX5	ENSG00000143390.17	10.550	3.490	1.363	4.80e-36
EIF3H	ENSG00000147677.10	142.754	54.924	1.362	7.81e-48
PSMB4	ENSG00000159377.10	347.073	134.526	1.361	3.11e-83
AP1S1	ENSG00000106367.13	45.540	17.135	1.360	4.79e-61
PPIA	ENSG00000196262.13	1.363.405	530.680	1.360	1.65e-75
CHAF1A	ENSG00000167670.15	5.120	1.390	1.357	4.33e-53
MSH2	ENSG00000095002.12	5.180	1.415	1.356	2.42e-46
RRM1	ENSG00000167325.14	13.680	4.735	1.356	1.14e-46
LAMA3	ENSG00000053747.15	3.810	0.880	1.355	1.87e-22
RPLP2	ENSG00000177600.8	879.597	343.329	1.355	2.02e-51
CTSS	ENSG00000163131.10	37.281	13.980	1.354	5.87e-11
EXO1	ENSG00000174371.16	1.810	0.100	1.353	1.41e-45
FBL	ENSG00000105202.7	123.391	47.738	1.352	7.33e-50
TRMT112	ENSG00000173113.6	215.358	83.786	1.352	3.43e-75
IRAK1	ENSG00000184216.11	36.750	13.790	1.352	1.22e-39
BCAM	ENSG00000187244.10	57.460	21.915	1.351	2.50e-22
DAPK2	ENSG00000035664.11	4.370	1.105	1.351	2.77e-40
NFKBIE	ENSG00000146232.14	11.850	4.040	1.350	4.40e-28
ARPC1B	ENSG00000130429.12	99.181	38.330	1.349	1.13e-27
COL1A1	ENSG00000108821.13	28.300	10.504	1.349	2.14e-9
FLAD1	ENSG00000160688.18	34.291	12.850	1.349	4.75e-73
NUP37	ENSG00000075188.8	10.300	3.445	1.346	1.67e-59
SDC2	ENSG00000169439.11	176.557	68.859	1.346	1.43e-24
TOMM7	ENSG00000196683.10	327.397	128.181	1.346	3.43e-57
TRNP1	ENSG00000253368.3	5.140	1.415	1.346	8.41e-12
CENPH	ENSG00000153044.9	3.040	0.590	1.345	7.84e-51
DTYMK	ENSG00000168393.12	19.680	7.140	1.345	3.89e-55
EMC3	ENSG00000125037.12	74.279	28.660	1.344	1.83e-55
RPS20	ENSG00000008988.9	1.550.372	610.077	1.344	9.99e-54
SAE1	ENSG00000142230.11	33.261	12.505	1.343	1.26e-52
IL32	ENSG00000008517.16	748.417	295.250	1.339	1.34e-21
PLOD3	ENSG00000106397.11	60.601	23.364	1.338	1.88e-53
TECRP1	ENSG00000235043.3	6.040	1.785	1.338	4.63e-39
RAN	ENSG00000132341.11	208.441	81.905	1.337	2.40e-41
ATRNL	ENSG00000088812.17	27.481	10.280	1.336	3.10e-24
CDC6	ENSG00000094804.9	2.440	0.365	1.334	8.64e-29
RPL7	ENSG00000147604.13	1.178.470	467.589	1.332	4.79e-43
PSMG3	ENSG00000157778.8	31.519	11.920	1.332	7.20e-62
MANEAL	ENSG00000185090.14	9.160	3.035	1.332	1.01e-29
XRCC1	ENSG00000073050.11	13.980	4.955	1.331	6.31e-57
RPL23AP65	ENSG00000243964.1	2.830	0.525	1.329	2.76e-26
ANAPC11	ENSG00000141552.17	192.350	76.061	1.327	1.35e-65

GABRD	ENSG00000187730.7	1.660	0.060	1.327	1.49e-62
C8orf59	ENSG00000176731.11	87.069	34.170	1.324	3.10e-61
VAR5	ENSG00000204394.12	36.521	13.985	1.324	3.20e-47
AL158801.1	ENSG00000279392.1	2.190	0.275	1.323	4.13e-33
DCAF13	ENSG00000164934.13	17.179	6.265	1.323	4.36e-45
MPC2	ENSG00000143158.10	279.053	110.929	1.323	4.12e-61
UHRF1	ENSG00000276043.4	1.790	0.115	1.323	6.25e-35
LRRC1	ENSG00000137269.14	2.350	0.340	1.322	2.45e-27
TRAPPC2B	ENSG00000256060.2	10.940	3.775	1.322	5.49e-35
CD63	ENSG00000135404.11	685.588	273.832	1.321	1.84e-54
SUB1	ENSG00000113387.11	184.144	73.124	1.321	2.45e-61
TCEB1	ENSG00000154582.16	67.911	26.575	1.321	2.54e-55
COMMD5	ENSG00000170619.9	24.380	9.165	1.320	5.36e-65
TXNRD1	ENSG00000198431.15	30.751	11.718	1.320	1.14e-22
SHISA4	ENSG00000198892.6	11.060	3.830	1.320	1.95e-21
RP11-452F19.3	ENSG00000228106.5	11.780	4.120	1.320	1.81e-47
HEXB	ENSG00000049860.13	156.096	62.003	1.318	5.25e-66
PYGB	ENSG00000100994.11	14.470	5.205	1.318	6.43e-36
DYNLL1	ENSG00000088986.10	246.304	98.267	1.317	1.33e-55
RPS4X	ENSG00000198034.10	486.365	194.576	1.317	6.51e-48
MRPL9	ENSG00000143436.10	49.261	19.215	1.314	1.94e-66
TYMSOS	ENSG00000176912.3	2.580	0.440	1.314	1.16e-36
SMIM11	ENSG00000205670.10	4.770	1.320	1.314	3.18e-14
ECT2	ENSG00000114346.13	3.000	0.610	1.313	4.23e-34
RPLP1	ENSG00000137818.11	1.491.242	599.659	1.313	5.50e-68
TM7SF2	ENSG00000149809.14	103.407	41.026	1.313	3.57e-16
FAM189B	ENSG00000160767.20	12.530	4.445	1.313	1.79e-47
VPS28	ENSG00000160948.13	192.071	76.699	1.313	3.18e-66
P4HA2	ENSG00000072682.18	15.899	5.810	1.311	1.88e-35
H2BFS	ENSG00000234289.5	7.350	2.365	1.311	1.07e-27
MESP1	ENSG00000166823.5	3.860	0.960	1.310	6.00e-48
SLC52A2	ENSG00000185803.8	14.780	5.380	1.307	2.94e-44
DUSP9	ENSG00000130829.17	2.140	0.270	1.306	1.47e-24
IFI27L2	ENSG00000119632.3	12.910	4.625	1.306	1.37e-20
BRMS1	ENSG00000174744.13	30.751	11.850	1.305	3.54e-69
HNRNPA1	ENSG00000135486.17	363.698	146.569	1.305	6.58e-44
FAM222A	ENSG00000139438.5	4.250	1.125	1.305	9.68e-36
ANXA13	ENSG00000104537.16	7.520	2.450	1.304	2.16e-8
IL3RA	ENSG00000185291.10	2.950	0.600	1.304	7.64e-59
CKB	ENSG00000166165.12	26.379	10.115	1.301	4.73e-13
CXorf36	ENSG00000147113.16	2.250	0.320	1.300	1.83e-66
OIP5	ENSG00000104147.8	1.880	0.170	1.300	3.71e-42
NDUFS6	ENSG00000145494.11	89.120	35.605	1.300	6.13e-68
CCDC107	ENSG00000159884.11	40.179	15.745	1.298	1.88e-61
GLA	ENSG00000102393.9	19.061	7.165	1.297	6.62e-36
AP1M2	ENSG00000129354.11	2.830	0.560	1.296	4.23e-15
TATDN1	ENSG00000147687.16	22.869	8.720	1.296	7.80e-54
CDKN2AIPNL	ENSG00000237190.3	16.910	6.300	1.295	5.74e-71
PDGFB	ENSG00000100311.16	4.050	1.060	1.294	4.44e-36
STC1	ENSG00000159167.11	2.250	0.325	1.294	2.19e-22

BUB1	ENSG00000169679.14	1.720	0.110	1.293	3.44e-40
VIM	ENSG00000026025.13	130.273	52.559	1.293	1.76e-19
LAMA4	ENSG00000112769.18	4.830	1.380	1.293	2.58e-36
RPS2P55	ENSG00000216866.5	2.260	0.330	1.293	2.92e-51
RPS18	ENSG00000231500.6	2.144.461	874.278	1.293	5.72e-48
HSPA4	ENSG00000170606.13	68.029	27.190	1.292	1.13e-52
ASPH	ENSG00000198363.15	41.040	16.180	1.291	4.24e-21
LMCD1	ENSG00000071282.11	10.450	3.680	1.291	2.04e-21
FOXRED2	ENSG00000100350.14	6.450	2.045	1.291	1.30e-29
OLA1	ENSG00000138430.15	40.941	16.146	1.291	2.43e-44
PRIM2	ENSG00000146143.17	4.040	1.060	1.291	2.40e-57
COX6C	ENSG00000164919.10	582.170	237.502	1.290	3.06e-60
TMEM50A	ENSG00000183726.10	50.779	20.175	1.290	2.01e-54
RP11-161H23.5	ENSG00000258232.2	58.602	23.370	1.290	4.29e-30
ATP5J2	ENSG00000241468.7	584.111	238.425	1.289	2.71e-73
CTSC	ENSG00000109861.15	35.961	14.130	1.289	1.43e-20
ZNRD1	ENSG00000066379.14	25.930	10.030	1.288	1.05e-59
ITGB1BP1	ENSG00000119185.12	32.839	12.855	1.288	1.65e-48
C6orf48	ENSG00000204387.12	78.378	31.529	1.287	4.33e-40
ENSA	ENSG00000143420.17	109.949	44.470	1.287	1.18e-60
NME1-NME2	ENSG00000243678.11	398.434	162.714	1.287	1.52e-54
ADAM15	ENSG00000143537.13	42.241	16.735	1.286	1.78e-44
HSPG2	ENSG00000142798.16	22.611	8.685	1.286	9.63e-24
STK39	ENSG00000198648.10	2.720	0.525	1.286	7.44e-24
TRAC	ENSG00000277734.4	7.940	2.665	1.286	3.38e-12
CD163L1	ENSG00000177675.8	2.630	0.490	1.285	1.64e-30
PPT1	ENSG00000131238.16	19.291	7.325	1.285	1.05e-31
ST14	ENSG00000149418.10	8.050	2.715	1.285	2.33e-11
FAM103A2P	ENSG00000235272.1	6.950	2.265	1.284	2.92e-28
CDK5	ENSG00000164885.12	12.800	4.670	1.283	5.06e-63
RFWD2	ENSG00000143207.19	30.789	12.060	1.283	9.26e-68
OLFM2	ENSG00000105088.8	31.021	12.169	1.282	6.92e-10
SPCS2P4	ENSG00000228589.3	30.960	12.140	1.282	2.97e-41
ORMDL2	ENSG00000123353.9	48.691	19.455	1.281	9.75e-68
LSM8	ENSG00000128534.7	21.201	8.135	1.281	6.01e-51
RP11-51O6.1	ENSG00000224631.4	21.640	8.325	1.280	1.06e-44
UBE2Q1	ENSG00000160714.9	39.719	15.774	1.279	3.97e-40
NAA20	ENSG00000173418.11	71.858	29.014	1.279	1.48e-58
SEMA3F	ENSG00000001617.11	5.440	1.655	1.278	1.43e-50
COX7C	ENSG00000127184.10	750.183	309.093	1.276	2.01e-63
RFXANK	ENSG00000064490.13	44.099	17.625	1.276	1.95e-58
SOWAHA	ENSG00000198944.5	2.790	0.565	1.276	1.14e-34
GSTA4	ENSG00000170899.10	18.010	6.855	1.275	2.86e-28
POLD1	ENSG00000062822.12	13.280	4.905	1.274	6.07e-49
TTC39A	ENSG00000085831.15	2.760	0.555	1.274	3.15e-21
UCP2	ENSG00000175567.8	14.850	5.555	1.274	9.18e-13
LYPLAL1	ENSG00000143353.11	36.221	14.405	1.273	2.19e-48
FTH1	ENSG00000167996.15	3.615.300	1.496.627	1.272	3.64e-49
NMB	ENSG00000197696.9	3.430	0.835	1.272	8.27e-32
H2AFV	ENSG00000105968.18	78.302	31.871	1.271	2.69e-68

RPL15P3	ENSG00000212802.4	8.690	3.015	1.271	6.17e-38
GINS2	ENSG00000131153.8	2.400	0.410	1.270	1.15e-44
PYCR1	ENSG00000183010.16	6.320	2.035	1.270	4.77e-11
NDUFA1	ENSG00000125356.6	183.101	75.371	1.269	2.97e-71
PFDN2	ENSG00000143256.4	104.959	42.964	1.269	3.23e-57
SLC39A1	ENSG00000143570.17	72.098	29.340	1.269	8.80e-45
CALR	ENSG00000179218.13	813.782	337.302	1.268	2.50e-47
AC016739.2	ENSG00000218175.2	12.830	4.745	1.267	4.16e-35
ATP1B3	ENSG00000069849.10	21.140	8.200	1.267	1.30e-18
SLC38A6	ENSG00000139974.15	6.790	2.240	1.266	5.55e-61
NOL7	ENSG00000225921.6	38.550	15.440	1.266	1.50e-59
PHF19	ENSG00000119403.13	6.200	1.995	1.265	3.53e-35
NES	ENSG00000132688.10	5.320	1.630	1.265	6.86e-33
ZNF687	ENSG00000143373.17	11.880	4.360	1.265	3.11e-45
AIM1L	ENSG00000176092.13	1.810	0.170	1.264	1.32e-33
BYSL	ENSG00000112578.9	12.530	4.635	1.264	2.49e-42
TMEM101	ENSG00000091947.9	23.460	9.185	1.264	7.51e-62
RBM8A	ENSG00000265241.6	83.152	34.049	1.264	3.29e-57
CPD	ENSG00000108582.11	16.511	6.295	1.263	8.17e-23
EIF3K	ENSG00000178982.9	205.429	85.005	1.263	5.18e-70
TMEM147	ENSG00000105677.11	69.050	28.196	1.263	1.04e-50
ATP5L	ENSG00000167283.7	304.183	126.381	1.261	4.57e-59
ZIC2	ENSG00000043355.10	1.420	0.010	1.261	2.17e-31
EXOSC5	ENSG00000077348.8	22.461	8.788	1.261	1.15e-60
SCD	ENSG00000099194.5	205.457	85.176	1.260	1.12e-5
RPP21	ENSG00000241370.5	44.901	18.170	1.260	2.39e-62
APOLD1	ENSG00000178878.12	4.300	1.215	1.259	1.19e-25
CBR1	ENSG00000159228.12	181.056	75.123	1.258	1.46e-21
PFDN4	ENSG00000101132.9	21.780	8.525	1.258	3.44e-54
SPSB2	ENSG00000111671.9	6.750	2.240	1.258	4.55e-54
ATP5J2-PTCD1	ENSG00000248919.7	3.960	1.075	1.257	3.69e-31
LGALS9	ENSG00000168961.16	20.790	8.120	1.257	1.77e-17
ACLY	ENSG00000131473.16	20.910	8.174	1.256	5.83e-28
AP3B1	ENSG00000132842.13	16.490	6.325	1.256	6.45e-72
DAP3	ENSG00000132676.15	95.378	39.351	1.256	2.69e-68
SHARPIN	ENSG00000179526.16	59.272	24.240	1.256	4.45e-61
EFNA4	ENSG00000243364.7	8.270	2.885	1.255	2.00e-46
FAM50A	ENSG00000071859.14	61.922	25.359	1.255	1.46e-43
RPL32	ENSG00000144713.12	1.338.312	560.083	1.255	1.99e-50
CD2BP2	ENSG00000169217.8	24.970	9.890	1.254	4.12e-56
HACD3	ENSG00000074696.12	47.261	19.230	1.254	2.71e-30
S100A6	ENSG00000197956.9	69.070	28.380	1.254	2.49e-12
ECSCR	ENSG00000249751.3	6.800	2.270	1.254	1.22e-32
TPGS2	ENSG00000134779.14	20.930	8.200	1.253	2.54e-30
GPANK1	ENSG00000204438.10	16.020	6.145	1.252	4.25e-59
AC005943.2	ENSG00000267059.2	1.380	0.000	1.251	8.76e-11
SOX4	ENSG00000124766.5	3.070	0.710	1.251	5.22e-16
NGFRAP1	ENSG00000166681.13	82.928	34.270	1.251	1.48e-6
AKR1C2	ENSG00000151632.16	299.123	125.148	1.250	8.98e-5
HOMER3	ENSG00000051128.18	7.300	2.490	1.250	2.80e-23

DLGAP1-AS1	ENSG00000177337.7	7.940	2.765	1.248	3.17e-30
RNASET2	ENSG00000026297.15	42.860	17.460	1.248	9.02e-33
LIG1	ENSG00000105486.13	16.180	6.240	1.247	6.01e-44
MPZL1	ENSG00000197965.11	21.410	8.445	1.247	1.17e-30
CDK4	ENSG00000135446.16	47.330	19.380	1.246	1.22e-41
ACBD6	ENSG00000230124.6	24.710	9.845	1.245	2.08e-59
UFD1L	ENSG00000070010.18	57.039	23.485	1.245	3.98e-58
CCT6A	ENSG00000146731.10	83.169	34.536	1.244	1.14e-46
EIF3D	ENSG00000100353.17	84.829	35.248	1.244	9.48e-55
NPM1P27	ENSG00000249353.2	5.950	1.935	1.244	5.04e-35
GARS	ENSG00000106105.13	59.231	24.455	1.243	2.68e-45
CFL1	ENSG00000172757.12	437.093	184.272	1.242	1.62e-54
FBLN7	ENSG00000144152.12	6.200	2.045	1.242	1.89e-27
RBM42	ENSG00000126254.11	52.830	21.780	1.241	5.56e-66
TWF2	ENSG00000247596.8	30.830	12.465	1.241	1.10e-36
HLA-DRB1	ENSG00000196126.10	66.431	27.555	1.240	4.58e-10
ASNA1	ENSG00000198356.11	43.761	17.964	1.239	1.73e-56
EEF1A1P5	ENSG00000196205.8	63.341	26.253	1.239	2.14e-14
RPL24P4	ENSG00000181524.6	9.020	3.245	1.239	7.20e-36
CTC-246B18.10	ENSG00000269246.1	5.760	1.865	1.238	2.29e-25
DUXAP8	ENSG00000206195.10	1.890	0.225	1.238	1.59e-27
POLA2	ENSG00000014138.8	7.170	2.465	1.238	1.69e-50
CCT5	ENSG00000150753.11	82.509	34.429	1.237	3.35e-42
RALY	ENSG00000125970.11	63.039	26.163	1.237	1.08e-57
FAM111B	ENSG00000189057.10	1.570	0.090	1.237	5.95e-33
COL1A2	ENSG00000164692.17	29.910	12.124	1.236	1.68e-9
PIR	ENSG00000087842.10	23.020	9.200	1.236	1.28e-27
HTATIP2	ENSG00000109854.13	77.831	32.464	1.236	1.48e-26
FBXO32	ENSG00000156804.7	4.230	1.220	1.236	3.93e-29
APLN	ENSG00000171388.11	1.590	0.100	1.235	3.06e-34
GGH	ENSG00000137563.11	121.852	51.186	1.235	1.99e-17
ADCK2	ENSG00000133597.9	14.490	5.585	1.234	6.84e-62
SERPINI1	ENSG00000163536.12	3.560	0.940	1.233	6.41e-31
TDRKH	ENSG00000182134.15	4.090	1.165	1.233	1.56e-35
SERPIND1	ENSG00000099937.10	344.389	146.027	1.232	4.45e-4
SLC39A3	ENSG00000141873.10	29.300	11.910	1.231	6.69e-58
MRPL13	ENSG00000172172.7	47.431	19.640	1.230	8.48e-57
TMEM38B	ENSG00000095209.11	8.390	3.005	1.229	1.28e-35
SLC39A7	ENSG00000112473.16	107.157	45.144	1.229	2.79e-43
MAF1	ENSG00000179632.9	56.469	23.510	1.229	1.43e-55
TRIM52-AS1	ENSG00000248275.1	9.200	3.350	1.229	7.07e-50
CLDN7	ENSG00000181885.18	35.240	14.474	1.228	2.16e-8
AC009065.4	ENSG00000279473.1	1.340	0.000	1.227	9.02e-31
PARVB	ENSG00000188677.14	16.310	6.394	1.227	3.72e-13
GJA5	ENSG00000265107.2	2.240	0.385	1.226	1.02e-31
TP53BP2	ENSG00000143514.16	12.890	4.945	1.224	1.25e-22
C1orf198	ENSG00000119280.16	12.460	4.765	1.223	7.64e-27
C8orf33	ENSG00000182307.12	18.379	7.305	1.223	4.89e-48
BTG3	ENSG00000154640.14	8.550	3.095	1.222	8.12e-29
WDR76	ENSG00000092470.11	2.020	0.295	1.222	2.31e-41

KIAA1429	ENSG00000164944.11	32.019	13.155	1.222	4.60e-66
SMARCE1	ENSG00000073584.18	49.050	20.464	1.221	1.03e-43
C16orf59	ENSG00000162062.14	2.190	0.370	1.219	1.35e-39
H1FO	ENSG00000189060.5	142.438	60.620	1.219	4.46e-28
MAPK3	ENSG00000102882.11	24.540	9.990	1.217	2.16e-53
FKBP11	ENSG00000134285.10	70.438	29.725	1.217	5.20e-22
NABP2	ENSG00000139579.12	19.380	7.770	1.217	5.42e-57
FAM3B	ENSG00000183844.16	2.720	0.600	1.217	4.04e-11
NDUFA13	ENSG00000186010.18	306.702	131.338	1.217	6.06e-60
FABP4	ENSG00000170323.8	7.470	2.645	1.216	2.62e-10
PUF60	ENSG00000179950.13	112.259	47.770	1.216	3.24e-54
KIAA0196	ENSG00000164961.15	15.470	6.095	1.215	2.18e-52
GGTA1P	ENSG00000204136.10	3.880	1.105	1.213	7.57e-28
EIF6	ENSG00000242372.6	180.305	77.275	1.212	5.07e-65
MRPL17	ENSG00000158042.8	33.910	14.065	1.212	5.09e-61
FHIT	ENSG00000189283.9	11.090	4.220	1.212	4.78e-39
TUBB	ENSG00000196230.12	207.015	88.763	1.212	3.10e-32
COPA	ENSG00000122218.14	47.009	19.744	1.211	6.92e-30
SRD5A3	ENSG00000128039.10	15.240	6.015	1.211	1.74e-50
SNHG6	ENSG00000245910.8	110.921	47.349	1.211	2.29e-36
DBN1	ENSG00000113758.13	4.760	1.490	1.210	5.55e-22
KNSTRN	ENSG00000128944.13	7.780	2.795	1.210	1.60e-38
LMAN2	ENSG00000169223.14	226.866	97.544	1.209	4.84e-65
NPC2	ENSG00000119655.8	121.456	52.019	1.208	5.03e-45
RP11-73M18.2	ENSG00000256500.5	1.310	0.000	1.208	1.45e-21
B9D1	ENSG00000108641.14	10.260	3.880	1.206	3.33e-37
TIMM9	ENSG00000100575.13	33.880	14.115	1.206	4.79e-61
FANCD2	ENSG00000144554.10	2.680	0.595	1.206	8.55e-35
ZNF544	ENSG00000198131.13	9.530	3.565	1.206	2.66e-35
CENPN	ENSG00000166451.13	6.100	2.080	1.205	4.90e-38
LOXL2	ENSG00000134013.15	3.680	1.030	1.205	1.84e-25
NOMO2	ENSG00000185164.14	83.609	35.690	1.205	5.96e-48
CCHCR1	ENSG00000204536.13	11.720	4.520	1.204	6.93e-41
RPL27A	ENSG00000166441.12	1.599.050	693.570	1.204	5.94e-51
STT3A	ENSG00000134910.12	76.882	32.829	1.203	1.44e-42
GPATCH4	ENSG00000160818.16	18.181	7.330	1.203	2.74e-34
ITGB3BP	ENSG00000142856.16	8.560	3.155	1.202	6.97e-46
CCDC86	ENSG00000110104.11	12.320	4.795	1.201	1.91e-38
FLVCR1-AS1	ENSG00000198468.7	2.930	0.710	1.201	1.73e-32
CBX1	ENSG00000108468.14	14.330	5.675	1.200	2.02e-35
CCDC167	ENSG00000198937.8	49.179	20.844	1.200	8.38e-48
RNF187	ENSG00000168159.10	55.749	23.695	1.200	3.40e-56
RNF181	ENSG00000168894.9	192.417	83.178	1.200	5.57e-67
PET100	ENSG00000229833.9	68.322	29.180	1.200	8.36e-63
ITGB4	ENSG00000132470.13	5.130	1.670	1.199	9.14e-26
SERPINH1	ENSG00000149257.13	37.121	15.610	1.199	5.16e-20
RAD21	ENSG00000164754.12	33.499	14.025	1.199	1.17e-29
CCDC80	ENSG00000091986.15	4.300	1.310	1.198	5.83e-10
RRAGD	ENSG00000025039.14	8.760	3.255	1.198	1.36e-28

LL22NC03- N14H11.1	ENSG00000272872.1	1.960	0.290	1.198	1.07e-26
RPL27	ENSG00000131469.12	1.270.164	553.580	1.197	2.01e-54
UGGT1	ENSG00000136731.12	14.170	5.615	1.197	1.62e-43
ATP6V1E1	ENSG00000131100.12	67.568	28.939	1.196	3.07e-53
SERPINB1	ENSG00000021355.12	26.379	10.953	1.196	4.83e-24
NCSTN	ENSG00000162736.15	62.552	26.736	1.196	1.96e-34
PSENE1	ENSG00000205155.7	80.968	34.785	1.196	1.95e-59
HIST2H4A	ENSG00000270882.2	8.540	3.165	1.196	6.77e-22
DNASE2	ENSG00000105612.8	32.070	13.445	1.195	5.48e-27
NDUFC2	ENSG00000151366.12	323.853	140.872	1.195	2.15e-56
MRPL55	ENSG00000162910.18	113.739	49.114	1.195	2.74e-56
CYB5R1	ENSG00000159348.12	47.698	20.285	1.194	2.90e-52
THOC3	ENSG00000051596.9	22.430	9.250	1.193	6.88e-48
RPS27	ENSG00000177954.11	3.269.149	1.428.860	1.193	1.73e-47
LYRM4	ENSG00000214113.10	16.000	6.435	1.193	1.35e-52
COX7B	ENSG00000131174.4	168.510	73.211	1.192	4.09e-56
RAD51C	ENSG00000108384.14	13.680	5.425	1.192	5.70e-52
LAMTOR4	ENSG00000188186.10	128.079	55.479	1.192	3.09e-57
CHEK1	ENSG00000149554.12	2.380	0.480	1.191	1.77e-38
PMF1	ENSG00000160783.19	61.158	26.235	1.191	2.11e-61
TUBA1A	ENSG00000167552.13	15.450	6.205	1.191	8.89e-18
TARBP1	ENSG00000059588.9	14.100	5.620	1.190	5.14e-36
ISG15	ENSG00000187608.8	71.550	30.819	1.189	9.07e-13
C19orf53	ENSG00000104979.8	130.861	56.883	1.188	5.48e-67
IFI35	ENSG00000068079.7	35.901	15.200	1.188	3.78e-32
IMPDH2	ENSG00000178035.11	67.662	29.130	1.188	2.28e-39
RTN2	ENSG00000125744.11	5.100	1.680	1.187	3.26e-19
PARP1	ENSG00000143799.12	36.990	15.685	1.187	1.12e-34
TBC1D7	ENSG00000145979.17	15.920	6.430	1.187	8.27e-60
RPS14	ENSG00000164587.11	955.822	419.331	1.187	1.83e-54
FOLR2	ENSG00000165457.13	10.760	4.165	1.187	2.82e-9
STIP1	ENSG00000168439.16	52.570	22.525	1.187	2.85e-33
B3GNT5	ENSG00000176597.11	2.300	0.450	1.186	1.39e-19
TMEM14C	ENSG00000111843.13	101.159	43.904	1.186	2.44e-59
PPIH	ENSG00000171960.10	16.360	6.630	1.186	8.15e-51
C17orf58	ENSG00000186665.8	10.870	4.220	1.185	4.39e-59
DSN1	ENSG00000149636.15	7.320	2.660	1.185	1.72e-48
IGBP1	ENSG00000089289.15	20.490	8.450	1.185	2.05e-47
RPL19	ENSG00000108298.9	1.450.263	637.353	1.185	4.15e-61
H2AFY	ENSG00000113648.16	56.539	24.299	1.185	1.46e-44
SPNS1	ENSG00000169682.17	31.600	13.335	1.185	4.26e-64
RPL35A	ENSG00000182899.14	803.914	353.091	1.185	3.04e-53
TOPORS-AS1	ENSG00000235453.7	9.650	3.685	1.185	1.22e-48
ATP5E	ENSG00000124172.9	77.471	33.549	1.184	5.86e-58
CAPNS1	ENSG00000126247.10	328.510	144.006	1.184	3.25e-61
CSNK2B	ENSG00000204435.13	182.771	79.873	1.184	4.67e-67
RPS10	ENSG00000124614.13	973.069	427.846	1.184	1.26e-42
PPP2R1A	ENSG00000105568.17	101.412	44.099	1.183	2.18e-57
NECAB3	ENSG00000125967.16	21.341	8.840	1.183	1.03e-53

TMEM14B	ENSG00000137210.13	75.572	32.725	1.183	2.85e-60
UBL7	ENSG00000138629.15	29.531	12.445	1.183	4.75e-68
SCARA3	ENSG00000168077.13	3.690	1.065	1.183	2.01e-20
RPS7	ENSG00000171863.12	895.903	394.121	1.183	1.42e-54
MYEOV2	ENSG00000172428.10	94.693	41.148	1.183	1.77e-53
RPL39	ENSG00000198918.7	1.924.809	846.930	1.183	1.93e-44
PSMD10	ENSG00000101843.18	20.941	8.670	1.182	5.29e-39
GTF2A2	ENSG00000140307.10	61.158	26.395	1.182	1.28e-61
TALDO1	ENSG00000177156.10	149.955	65.534	1.182	8.91e-51
GINS1	ENSG00000101003.9	1.720	0.200	1.181	2.40e-37
RTP4	ENSG00000136514.2	5.180	1.725	1.181	3.68e-22
DCTPP1	ENSG00000179958.8	22.201	9.240	1.180	5.91e-53
TTC9	ENSG00000133985.2	2.240	0.430	1.180	1.69e-22
RASSF3	ENSG00000153179.11	6.270	2.210	1.179	1.48e-21
CSE1L	ENSG00000124207.16	21.240	8.830	1.178	3.31e-55
EHD4	ENSG00000103966.9	9.790	3.770	1.178	6.04e-22
HAX1	ENSG00000143575.14	107.328	46.864	1.178	6.03e-70
MRPS16	ENSG00000182180.13	81.452	35.440	1.178	4.09e-69
HMGNA4	ENSG00000182952.4	13.390	5.360	1.178	1.88e-18
VRK1	ENSG00000100749.7	4.990	1.650	1.177	7.51e-52
PPM1G	ENSG00000115241.10	39.769	17.025	1.177	6.71e-53
RP4-706A16.3	ENSG00000226084.5	22.420	9.355	1.177	2.60e-30
BCL2L12	ENSG00000126453.9	19.401	8.030	1.176	9.33e-50
NHP2L1	ENSG00000100138.13	81.379	35.463	1.176	1.60e-59
LAMTOR2	ENSG00000116586.11	162.263	71.280	1.176	2.33e-64
C7orf50	ENSG00000146540.14	47.619	20.535	1.175	3.79e-50
SMYD2	ENSG00000143499.13	30.199	12.820	1.175	1.71e-33
AKR1C1	ENSG00000187134.12	481.068	212.636	1.174	9.13e-8
ATP5G2	ENSG00000135390.17	428.751	189.499	1.174	3.40e-74
C8orf76	ENSG00000189376.11	19.810	8.225	1.174	8.54e-53
KIFAP3	ENSG00000075945.12	9.630	3.710	1.174	1.70e-37
SRC	ENSG00000197122.11	8.850	3.365	1.174	1.05e-12
DNAJB11	ENSG00000090520.10	145.411	63.964	1.172	4.51e-58
ZMAT5	ENSG00000100319.12	25.200	10.630	1.172	6.35e-63
C17orf49	ENSG00000258315.5	55.241	23.970	1.171	1.71e-42
C1orf54	ENSG00000118292.8	7.230	2.655	1.171	3.55e-24
C2orf54	ENSG00000172478.17	6.440	2.305	1.171	4.81e-6
DLGAP5	ENSG00000126787.12	1.410	0.070	1.171	3.76e-38
TGM3	ENSG00000125780.11	1.680	0.190	1.171	3.54e-22
EIF2D	ENSG00000143486.15	30.789	13.130	1.170	1.04e-57
MTHFD1L	ENSG00000120254.15	4.120	1.275	1.170	1.52e-27
SLC35B2	ENSG00000157593.16	32.739	13.990	1.170	4.34e-43
SOX9-AS1	ENSG00000234899.9	2.870	0.720	1.170	9.13e-19
BOLA1	ENSG00000178096.8	26.790	11.355	1.169	3.78e-58
TFPT	ENSG00000105619.13	11.740	4.665	1.169	2.46e-54
CYTH2	ENSG00000105443.13	23.180	9.760	1.168	2.22e-48
HM13	ENSG00000101294.16	160.162	70.709	1.168	1.15e-45
MAPRE1	ENSG00000101367.8	14.980	6.110	1.168	5.40e-28
GSN	ENSG00000148180.16	85.882	37.655	1.168	6.32e-15
LSM4	ENSG00000130520.10	102.757	45.219	1.167	4.90e-61

RP11-480I12.5	ENSG00000214796.8	3.390	0.955	1.167	3.16e-25
NDUFA7	ENSG00000267855.5	96.837	42.579	1.167	9.36e-70
ANO10	ENSG00000160746.12	10.950	4.330	1.165	1.20e-42
RPL14	ENSG00000188846.13	706.917	314.714	1.165	1.55e-49
PITPNA-AS1	ENSG00000236618.2	8.520	3.245	1.165	5.67e-37
PSMB3	ENSG00000277791.4	225.627	100.068	1.165	7.70e-57
ALG8	ENSG00000159063.12	45.711	19.841	1.164	3.48e-66
BUB1B	ENSG00000156970.12	1.600	0.160	1.164	1.37e-34
SKA1	ENSG00000154839.9	1.330	0.040	1.164	7.50e-40
PPIB	ENSG00000166794.4	710.208	316.299	1.164	2.58e-57
GOLPH3L	ENSG00000143457.10	9.310	3.605	1.163	6.65e-38
FAM49B	ENSG00000153310.18	17.579	7.295	1.163	1.50e-28
FAM195B	ENSG00000225663.7	68.721	30.140	1.163	3.78e-40
HLA-DQA2	ENSG00000237541.3	2.190	0.425	1.163	1.62e-8
DDX41	ENSG00000183258.11	59.511	26.050	1.162	1.64e-69
TRAPPC2L	ENSG00000167515.10	54.651	23.875	1.162	1.09e-53
NACA	ENSG00000196531.10	953.903	425.790	1.162	3.21e-62
RPL6P27	ENSG00000235552.4	12.270	4.930	1.162	9.28e-36
BLOC1S1	ENSG00000135441.7	213.441	94.870	1.161	2.56e-73
PTK2	ENSG00000169398.19	22.721	9.610	1.161	3.37e-38
RABIF	ENSG00000183155.4	6.210	2.225	1.161	5.55e-69
ATP5H	ENSG00000167863.11	378.119	168.709	1.160	5.68e-70
GLUL	ENSG00000135821.16	323.024	144.037	1.160	5.79e-11
ZP3	ENSG00000188372.14	2.710	0.660	1.160	1.18e-29
RP11-452I5.2	ENSG00000266036.1	7.380	2.750	1.160	3.59e-14
C1orf43	ENSG00000143612.18	182.214	81.021	1.159	4.33e-62
CASK	ENSG00000147044.20	8.900	3.435	1.159	1.41e-26
CD3D	ENSG00000167286.9	4.120	1.295	1.158	2.24e-16
RAP2A	ENSG00000125249.6	5.380	1.860	1.158	1.82e-31
ANXA11	ENSG00000122359.17	86.990	38.454	1.157	3.81e-43
ATP6V1C1	ENSG00000155097.11	16.800	6.985	1.157	5.23e-30
C1orf106	ENSG00000163362.10	1.810	0.260	1.157	1.60e-19
GNPAT	ENSG00000116906.11	27.720	11.880	1.157	9.80e-51
GGCT	ENSG00000006625.17	31.260	13.475	1.156	8.64e-56
MMP9	ENSG00000100985.7	3.010	0.800	1.156	1.18e-15
PDCL3	ENSG00000115539.13	11.290	4.515	1.156	1.68e-53
SRP14	ENSG00000140319.10	253.474	113.165	1.156	1.94e-66
B3GNT3	ENSG00000179913.10	2.330	0.495	1.155	1.36e-10
RAD51	ENSG00000051180.16	1.750	0.235	1.155	6.48e-39
UBL5	ENSG00000198258.10	409.522	183.329	1.155	1.28e-70
HLA-C	ENSG00000204525.14	499.658	223.828	1.155	7.73e-16
SPAG4	ENSG00000061656.9	6.140	2.210	1.154	1.70e-20
RUVBL2	ENSG00000183207.12	50.822	22.285	1.154	9.46e-65
PSMC1P1	ENSG00000241506.1	13.250	5.405	1.154	3.47e-19
SLC12A5	ENSG00000124140.12	2.370	0.515	1.153	6.52e-24
POLR2G	ENSG00000168002.11	53.772	23.625	1.153	1.79e-62
RNU4-2	ENSG00000202538.1	13.670	5.598	1.153	5.34e-6
HEXA	ENSG00000213614.9	76.680	33.930	1.153	2.55e-44
HCST	ENSG00000126264.9	12.420	5.039	1.152	2.51e-17
QARS	ENSG00000172053.14	101.447	45.099	1.152	6.28e-61

MRPL14	ENSG00000180992.6	79.710	35.330	1.152	9.91e-59
F5	ENSG00000198734.10	206.614	92.446	1.152	8.08e-13
CCT4	ENSG00000115484.14	57.519	25.355	1.151	2.01e-54
DPY30	ENSG00000162961.13	58.651	25.860	1.151	3.29e-71
C6orf47	ENSG00000204439.3	10.630	4.240	1.150	4.29e-35
HAUS4	ENSG00000092036.16	21.440	9.115	1.150	4.55e-25
UBE2Q2	ENSG00000140367.11	5.680	2.010	1.150	1.86e-21
TAP2	ENSG00000204267.13	17.289	7.240	1.150	1.36e-20
TOMM40	ENSG00000130204.12	36.990	16.130	1.149	8.57e-43
RP11-579D7.2	ENSG00000257653.1	1.950	0.330	1.149	5.42e-28
ARPC1A	ENSG00000241685.8	87.772	39.045	1.148	8.56e-59
DDAH2	ENSG00000213722.8	45.041	19.780	1.148	3.31e-31
TAX1BP1	ENSG00000106052.13	42.499	18.625	1.148	4.00e-42
PLXND1	ENSG00000004399.12	36.579	15.975	1.147	2.23e-29
AP000349.2	ENSG00000280178.1	1.280	0.030	1.146	1.78e-25
C20orf27	ENSG00000101220.17	22.110	9.443	1.146	4.31e-49
CASC5	ENSG00000137812.19	3.480	1.025	1.146	7.01e-22
DLL4	ENSG00000128917.6	3.790	1.165	1.146	6.49e-35
C19orf48	ENSG00000167747.13	26.670	11.515	1.145	7.86e-38
CDKN2B	ENSG00000147883.10	2.030	0.370	1.145	2.24e-30
LASP1	ENSG00000002834.17	64.408	28.585	1.145	4.22e-38
CHCHD3	ENSG00000106554.11	24.450	10.515	1.144	7.26e-34
EEF1D	ENSG00000104529.17	621.107	280.430	1.144	2.20e-43
TGFBI	ENSG00000120708.16	114.213	51.150	1.144	5.76e-22
HLA-DRB5	ENSG00000198502.5	14.200	5.880	1.144	1.50e-5
CAPN2	ENSG00000162909.17	26.330	11.385	1.142	1.95e-25
HNRNPA1P48	ENSG00000224578.4	7.860	3.015	1.142	1.06e-33
AC012146.7	ENSG00000234327.7	5.990	2.170	1.141	8.25e-30
CHMP2A	ENSG00000130724.8	166.352	74.886	1.141	3.08e-69
CKAP2	ENSG00000136108.14	3.090	0.855	1.141	2.09e-33
ALDOA	ENSG00000149925.16	289.595	130.929	1.139	1.02e-26
EMCN	ENSG00000164035.9	3.890	1.220	1.139	2.32e-25
COPG2	ENSG00000158623.14	6.000	2.180	1.138	8.90e-34
MGP	ENSG00000111341.9	34.700	15.225	1.138	2.51e-6
PHLDA3	ENSG00000174307.6	6.770	2.530	1.138	4.69e-10
EIF3CL	ENSG00000205609.12	33.160	14.540	1.136	9.35e-38
EMC2	ENSG00000104412.7	31.990	14.010	1.136	6.04e-41
PSME1	ENSG00000092010.14	221.797	100.384	1.136	5.05e-56
SPA17	ENSG00000064199.6	2.840	0.750	1.134	2.96e-32
SPATS2	ENSG00000123352.17	5.640	2.025	1.134	7.78e-35
NREP	ENSG00000134986.13	17.250	7.315	1.134	3.45e-19
RP11-465N4.4	ENSG00000234678.1	4.770	1.630	1.134	3.17e-22
ACP5	ENSG00000102575.10	22.770	9.840	1.133	2.02e-8
PSMD14	ENSG00000115233.11	27.460	11.975	1.133	1.07e-37
RPL36	ENSG00000130255.12	739.803	336.869	1.133	1.54e-46
MFSD5	ENSG00000182544.8	14.310	5.980	1.133	6.51e-58
AFP	ENSG00000081051.7	11.460	4.685	1.132	2.19e-11
CEP131	ENSG00000141577.13	5.980	2.185	1.132	3.42e-49
CTB-25B13.12	ENSG00000267317.2	9.200	3.654	1.132	2.22e-49
NSUN5	ENSG00000130305.16	17.259	7.330	1.132	4.49e-59

IGF2BP2	ENSG00000073792.15	2.680	0.680	1.131	2.89e-15
CMSS1	ENSG00000184220.10	13.650	5.695	1.130	5.50e-47
SEP6	ENSG00000125354.22	22.060	9.535	1.130	9.56e-18
FAU	ENSG00000149806.10	796.206	363.206	1.130	2.00e-62
PRKDC	ENSG00000253729.7	22.389	9.685	1.130	4.97e-16
RPL28	ENSG00000108107.12	1.238.089	565.741	1.129	5.32e-43
PHB	ENSG00000167085.11	120.250	54.451	1.129	2.57e-52
NOMO1	ENSG00000103512.14	31.299	13.774	1.128	4.10e-47
SNRPB2	ENSG00000125870.10	28.699	12.590	1.128	1.39e-52
PYCR2	ENSG00000143811.16	40.649	18.060	1.128	1.26e-48
C15orf39	ENSG00000167173.18	4.460	1.500	1.127	5.00e-32
SNF8	ENSG00000159210.9	88.101	39.810	1.127	1.69e-58
TSTD1	ENSG00000215845.10	79.181	35.715	1.127	6.37e-20
AC007318.5	ENSG00000172974.11	4.630	1.580	1.126	1.13e-24
CD248	ENSG00000174807.3	3.790	1.195	1.126	1.40e-25
JMJD4	ENSG00000081692.12	14.750	6.215	1.126	8.15e-59
RPL24	ENSG00000114391.12	884.733	404.767	1.126	5.84e-52
FKBP1A	ENSG00000088832.14	88.560	40.050	1.125	5.76e-48
OPTN	ENSG00000123240.16	50.569	22.641	1.125	2.32e-36
PA2G4	ENSG00000170515.13	52.570	23.560	1.125	6.70e-46
ZNF775	ENSG00000196456.8	8.490	3.350	1.125	1.01e-34
CTD-2540B15.11	ENSG00000267580.1	125.400	57.014	1.124	2.20e-18
UBE2M	ENSG00000130725.7	40.190	17.905	1.123	1.37e-56
WBSCR27	ENSG00000165171.10	3.280	0.965	1.123	2.17e-25
KDELR3	ENSG00000100196.10	9.840	3.980	1.122	1.90e-13
PIK3R2	ENSG00000105647.14	16.350	6.970	1.122	1.80e-33
GNS	ENSG00000135677.10	30.759	13.590	1.122	3.96e-38
RPL13AP5	ENSG00000236552.2	68.802	31.064	1.122	1.31e-37
AKIP1	ENSG00000166452.11	12.780	5.335	1.121	7.69e-50
DPM3	ENSG00000179085.7	133.610	60.894	1.121	1.08e-40
METTL13	ENSG00000010165.19	18.000	7.735	1.121	6.04e-57
NUTF2	ENSG00000102898.11	55.861	25.134	1.121	1.43e-51
RPL14P1	ENSG00000139239.7	9.550	3.850	1.121	3.84e-40
CNPY2	ENSG00000257727.5	165.673	75.695	1.120	4.93e-71
ADM2	ENSG00000128165.8	2.800	0.750	1.119	3.37e-20
ALDH3A1	ENSG00000108602.17	2.170	0.460	1.119	7.82e-12
DYNC1H1	ENSG00000197102.10	65.922	29.810	1.119	3.19e-53
TMEM132A	ENSG00000006118.14	2.420	0.575	1.119	1.31e-17
NEDD4L	ENSG00000049759.16	25.941	11.405	1.119	1.58e-29
RBM3	ENSG00000102317.17	79.539	36.115	1.118	1.99e-23
ICAM2	ENSG00000108622.10	12.490	5.214	1.118	1.55e-25
RPSA	ENSG00000168028.13	680.380	312.941	1.118	2.42e-39
TRIM16	ENSG00000221926.11	6.270	2.350	1.118	7.03e-22
BANF1	ENSG00000175334.7	152.165	69.610	1.117	1.06e-68
NDRG3	ENSG00000101079.20	7.090	2.730	1.117	1.16e-41
BUD31	ENSG00000106245.9	64.382	29.160	1.116	6.44e-52
COPS6	ENSG00000168090.9	83.707	38.084	1.116	9.69e-69
PSMC4	ENSG00000013275.7	71.401	32.394	1.116	7.36e-60
IK	ENSG00000113141.15	56.141	25.390	1.115	5.67e-66
GJA1	ENSG00000152661.7	4.230	1.415	1.115	3.08e-18

FAM20B	ENSG00000116199.11	8.970	3.605	1.114	6.50e-49
RPS11	ENSG00000142534.6	1.591.310	734.489	1.114	3.62e-54
SUCO	ENSG00000094975.13	6.030	2.250	1.113	2.38e-32
TBCB	ENSG00000105254.11	58.351	26.444	1.113	4.50e-42
MYL12B	ENSG00000118680.12	310.295	142.938	1.113	5.47e-42
TMEM258	ENSG00000134825.13	160.841	73.840	1.113	4.55e-62
WDYHV1	ENSG00000156795.6	8.960	3.605	1.113	2.23e-42
POLR3C	ENSG00000186141.8	10.380	4.260	1.113	5.62e-43
DNPH1	ENSG00000112667.12	125.600	57.579	1.112	3.92e-46
HMG2	ENSG00000198830.10	225.736	103.877	1.112	3.38e-42
COX20	ENSG00000203667.9	40.969	18.425	1.111	2.80e-44
PRDX5	ENSG00000126432.13	278.165	128.230	1.111	2.65e-66
LY96	ENSG00000154589.6	8.450	3.375	1.111	7.04e-14
TBC1D16	ENSG00000167291.15	5.070	1.810	1.111	6.32e-26
SUMO2P1	ENSG00000235238.1	1.160	0.000	1.111	1.18e-6
ALG3	ENSG00000214160.9	57.289	26.005	1.110	3.84e-51
PLAU	ENSG00000122861.15	2.820	0.770	1.110	1.07e-23
SMO	ENSG00000128602.9	16.500	7.110	1.110	2.25e-16
HIGD2A	ENSG00000146066.2	145.804	67.002	1.110	1.48e-68
TAP1	ENSG00000168394.10	22.079	9.690	1.110	1.05e-22
SLC35F6	ENSG00000213699.8	16.660	7.180	1.110	4.73e-44
GPSM1	ENSG00000160360.11	3.670	1.165	1.109	1.63e-18
CBX8	ENSG00000141570.10	4.540	1.570	1.108	1.07e-43
GTF2IRD1	ENSG00000006704.10	7.070	2.745	1.108	1.25e-33
TMEM14A	ENSG00000096092.5	50.499	22.890	1.108	1.53e-28
SSR3	ENSG00000114850.6	89.059	40.774	1.108	4.02e-38
OSGIN1	ENSG00000140961.12	89.492	40.993	1.108	1.48e-8
SLAMF8	ENSG00000158714.10	2.050	0.415	1.108	2.94e-20
LRPAP1	ENSG00000163956.10	95.259	43.646	1.108	2.91e-40
EFTUD2	ENSG00000108883.12	32.139	14.380	1.107	2.23e-57
TAX1BP3	ENSG00000213977.7	26.981	11.990	1.107	2.37e-17
ACTN4	ENSG00000130402.11	102.749	47.200	1.106	1.82e-31
CRNKL1	ENSG00000101343.14	13.850	5.900	1.106	4.78e-63
MIF4GD	ENSG00000125457.13	16.580	7.170	1.106	5.98e-40
ALMS1	ENSG00000116127.17	5.000	1.790	1.105	1.28e-57
CLEC14A	ENSG00000176435.6	7.720	3.055	1.105	1.10e-24
AIDA	ENSG00000186063.12	24.519	10.875	1.104	1.27e-46
CAV1	ENSG00000105974.11	11.490	4.810	1.104	7.21e-21
RPL26L1	ENSG00000037241.7	43.989	19.929	1.104	1.27e-65
MAP1S	ENSG00000130479.10	14.040	5.995	1.104	2.83e-44
TM4SF5	ENSG00000142484.6	200.310	92.641	1.104	3.90e-9
LCMT1	ENSG00000205629.11	12.620	5.335	1.104	5.15e-53
RP11-49K24.6	ENSG00000267228.6	3.590	1.135	1.104	3.04e-8
TRAF2	ENSG00000127191.17	10.500	4.355	1.103	2.86e-43
STYXL1	ENSG00000127952.16	31.679	14.210	1.103	1.62e-37
RPL29	ENSG00000162244.10	1.049.145	487.919	1.103	1.66e-49
S100A4	ENSG00000196154.11	29.250	13.083	1.103	9.94e-12
PTMAP5	ENSG00000214182.5	2.790	0.765	1.103	9.23e-26
RPL23	ENSG00000125691.12	944.625	439.386	1.102	1.17e-46
PAPSS1	ENSG00000138801.8	6.500	2.495	1.102	1.33e-25

UTP14A	ENSG00000156697.12	7.050	2.750	1.102	2.94e-44
NAP1L1	ENSG00000187109.13	87.462	40.215	1.102	1.73e-30
SUPT4H1	ENSG00000213246.6	66.192	30.304	1.102	4.01e-58
EIF3M	ENSG00000149100.12	133.963	61.922	1.101	2.64e-48
PSMB5	ENSG00000100804.18	103.421	47.670	1.101	6.32e-71
HTATSF1	ENSG00000102241.11	19.280	8.460	1.100	9.73e-37
P3H4	ENSG00000141696.12	3.910	1.290	1.100	3.48e-29
SUSD4	ENSG00000143502.14	3.920	1.295	1.100	1.23e-8
PMVK	ENSG00000163344.5	77.262	35.510	1.100	2.50e-58
PTENP1	ENSG00000237984.3	1.980	0.390	1.100	5.57e-32
DAXX	ENSG00000204209.10	23.620	10.495	1.099	5.71e-40
SAMD1	ENSG00000141858.11	17.890	7.820	1.099	1.55e-40
NDUFA2	ENSG00000131495.8	139.111	64.451	1.098	2.33e-63
HNRNPA3	ENSG00000170144.18	124.077	57.412	1.098	4.79e-50
RP11-556E13.1	ENSG00000228651.1	1.140	0.000	1.098	1.21e-22
ARPC3	ENSG00000111229.15	174.634	81.089	1.097	8.44e-55
PIK3IP1	ENSG00000100100.12	7.000	2.740	1.097	1.30e-17
TRIM28	ENSG00000130726.11	143.419	66.495	1.097	4.58e-45
SND1	ENSG00000197157.10	82.521	38.050	1.097	2.44e-57
CETN2	ENSG00000147400.8	20.930	9.260	1.096	3.54e-44
STAT1	ENSG00000115415.18	38.620	17.540	1.096	1.35e-16
TBCE	ENSG00000116957.12	16.950	7.400	1.096	1.50e-51
SKA2	ENSG00000182628.12	14.760	6.375	1.096	2.07e-41
TSPAN4	ENSG00000214063.10	40.520	18.425	1.096	2.62e-21
BZW2	ENSG00000136261.14	15.300	6.630	1.095	3.77e-34
CD151	ENSG00000177697.17	152.704	70.965	1.095	6.23e-29
CSTF2	ENSG00000101811.13	4.470	1.560	1.095	1.37e-34
WBSCR22	ENSG00000071462.11	56.441	25.895	1.095	4.57e-64
TNFRSF21	ENSG00000146072.6	5.450	2.020	1.095	5.04e-13
POC1A	ENSG00000164087.7	4.810	1.720	1.095	4.36e-44
SH3BGRL3	ENSG00000142669.13	70.629	32.565	1.094	7.00e-26
RP11-386G11.10	ENSG00000258017.1	69.622	32.095	1.094	7.95e-18
RPS16	ENSG00000105193.8	1.328.515	622.443	1.093	5.50e-47
SMARCA4	ENSG00000127616.17	29.769	13.425	1.093	2.20e-50
RAC3	ENSG00000169750.8	14.470	6.250	1.093	3.17e-22
ALG1	ENSG00000033011.11	19.830	8.770	1.092	3.96e-57
ELOVL1	ENSG00000066322.12	37.600	17.105	1.092	1.59e-39
RPLP0	ENSG00000089157.15	1.398.049	655.112	1.092	1.85e-44
PSMA6	ENSG00000100902.10	123.974	57.615	1.092	8.22e-62
HDGFRP2	ENSG00000167674.14	27.739	12.485	1.092	3.29e-62
SLC43A2	ENSG00000167703.14	4.480	1.570	1.092	9.52e-20
UBE2Q2P6	ENSG00000237550.5	655.975	307.128	1.092	1.39e-15
NCAPH2	ENSG00000025770.18	23.710	10.600	1.091	1.53e-48
TCEB2	ENSG00000103363.14	295.517	138.164	1.091	2.37e-51
PDIA3	ENSG00000167004.12	370.671	173.452	1.091	2.37e-44
ZNF585A	ENSG00000196967.10	5.720	2.155	1.091	7.45e-34
BRIX1	ENSG00000113460.12	13.000	5.580	1.089	2.97e-39
CCT7	ENSG00000135624.15	105.829	49.213	1.089	1.59e-57
CLTA	ENSG00000122705.16	122.402	57.029	1.089	1.99e-50
DAD1	ENSG00000129562.10	207.245	96.907	1.089	1.94e-61

ZCRB1	ENSG00000139168.7	33.481	15.205	1.089	1.97e-48
LINC00665	ENSG00000232677.6	2.160	0.485	1.089	3.09e-18
C6orf1	ENSG00000186577.11	20.870	9.290	1.088	3.18e-43
METTL5	ENSG00000138382.13	34.820	15.849	1.088	4.15e-61
SNRPD3	ENSG00000100028.11	99.401	46.269	1.087	1.58e-47
PSEN2	ENSG00000143801.16	14.100	6.110	1.087	1.08e-31
TSPAN15	ENSG00000099282.9	5.600	2.110	1.086	1.23e-19
RPS23	ENSG00000186468.12	1.376.605	648.044	1.086	5.30e-45
AC016292.3	ENSG00000108958.4	2.150	0.485	1.085	2.75e-23
APOE	ENSG00000130203.9	5.880.405	2.771.689	1.085	8.27e-14
ARSE	ENSG00000157399.14	49.900	23.000	1.085	9.66e-7
LINC01604	ENSG00000253716.5	8.220	3.345	1.085	3.98e-34
CANT1	ENSG00000171302.16	14.810	6.460	1.084	2.58e-39
CUEDC1	ENSG00000180891.12	7.880	3.190	1.084	6.86e-26
DNAJC19P9	ENSG00000258608.1	2.020	0.425	1.084	5.55e-20
CD36	ENSG00000135218.17	16.320	7.178	1.083	7.68e-10
CGREF1	ENSG00000138028.14	9.800	4.105	1.081	7.12e-12
DRG1	ENSG00000185721.11	40.159	18.460	1.081	7.30e-57
IRF6	ENSG00000117595.10	21.240	9.510	1.081	3.04e-7
HMG1	ENSG00000205581.10	69.420	32.281	1.081	3.30e-36
COX8A	ENSG00000176340.3	396.560	187.065	1.080	2.35e-54
TOMM22	ENSG00000100216.5	38.840	17.850	1.080	5.91e-53
UBALD2	ENSG00000185262.8	27.020	12.254	1.080	6.24e-33
ADSL	ENSG00000239900.11	31.910	14.580	1.079	1.69e-44
ANKRD39	ENSG00000213337.8	14.360	6.270	1.079	4.26e-64
DDOST	ENSG00000244038.9	104.220	48.816	1.079	1.42e-35
SPCS1	ENSG00000114902.13	167.846	78.948	1.079	7.46e-50
COX7A2	ENSG00000112695.11	317.364	149.805	1.078	3.75e-45
MYL6	ENSG00000092841.18	1.006.338	476.208	1.078	8.54e-53
SPTSSA	ENSG00000165389.6	24.609	11.130	1.078	1.28e-21
OLFML2A	ENSG00000185585.19	1.480	0.175	1.078	1.57e-41
C6orf89	ENSG00000198663.16	20.281	9.085	1.077	1.24e-38
CTNBL1	ENSG00000132792.18	45.379	20.990	1.077	2.39e-33
MAGOHB	ENSG00000111196.9	17.950	7.980	1.077	7.20e-53
PDGFRB	ENSG00000113721.13	10.100	4.260	1.077	1.10e-16
RAC1	ENSG00000136238.17	116.994	54.913	1.077	8.53e-51
NDUFS4	ENSG00000164258.11	82.081	38.374	1.077	4.28e-45
RAD51AP1	ENSG00000111247.14	1.720	0.290	1.076	1.24e-31
SRP9	ENSG00000143742.12	168.685	79.500	1.076	2.63e-44
INHBB	ENSG00000163083.5	10.180	4.304	1.076	1.55e-9
PPP1R11	ENSG00000204619.7	42.579	19.670	1.076	8.00e-46
OST4	ENSG00000228474.5	273.879	129.400	1.076	7.70e-69
MRPS17	ENSG00000239789.5	16.480	7.290	1.076	5.73e-45
TRIP13	ENSG00000071539.13	1.550	0.210	1.075	3.15e-33
RP11-128M1.1	ENSG00000226644.5	1.610	0.240	1.074	4.26e-37
C12orf73	ENSG00000204954.9	7.320	2.955	1.073	9.38e-59
CENPL	ENSG00000120334.15	1.820	0.340	1.073	8.02e-41
ABCC6P2	ENSG00000255277.3	8.950	3.735	1.071	3.34e-29
PSME2	ENSG00000100911.13	253.755	120.229	1.071	5.98e-45
MKKS	ENSG00000125863.17	22.899	10.375	1.071	4.69e-37

PARBP	ENSG00000185480.11	1.500	0.190	1.071	4.70e-39
KCTD17	ENSG00000100379.17	4.510	1.625	1.070	2.73e-18
AGPAT1	ENSG00000204310.10	46.821	21.794	1.069	7.90e-49
S100P	ENSG00000163993.6	6.050	2.360	1.069	1.30e-8
ALDH1A1	ENSG00000165092.12	458.284	217.994	1.068	2.39e-10
ATRAID	ENSG00000138085.16	74.109	34.835	1.068	2.28e-55
YIF1B	ENSG00000167645.16	47.891	22.320	1.068	4.91e-35
GLB1	ENSG00000170266.15	33.079	15.252	1.068	3.66e-39
FXYD5	ENSG00000089327.14	29.699	13.652	1.067	1.43e-14
S100A11	ENSG00000163191.5	77.321	36.376	1.067	7.15e-13
RPL22L1	ENSG00000163584.17	61.469	28.814	1.067	3.95e-20
SOX12	ENSG00000177732.7	4.260	1.510	1.067	6.01e-28
TBCAP1	ENSG00000226781.1	1.640	0.260	1.067	8.15e-27
CHCHD6	ENSG00000159685.10	8.610	3.590	1.066	5.59e-48
COX6A1	ENSG00000111775.2	639.100	304.795	1.066	4.56e-61
DBNDD2	ENSG00000244274.7	8.350	3.465	1.066	1.79e-24
PDE6D	ENSG00000156973.13	11.730	5.080	1.066	9.55e-46
RUVBL1	ENSG00000175792.11	17.349	7.765	1.066	1.18e-37
BPNT1	ENSG00000162813.17	13.670	6.010	1.065	1.24e-31
CCDC64	ENSG00000135127.11	4.250	1.510	1.065	1.30e-13
CTSH	ENSG00000103811.15	163.460	77.630	1.065	5.46e-19
RPL6	ENSG00000089009.15	779.064	371.739	1.065	3.44e-53
NSL1	ENSG00000117697.14	13.840	6.095	1.065	1.05e-34
SLC6A8	ENSG00000130821.15	3.290	1.050	1.065	4.62e-12
SHC1	ENSG00000160691.18	58.189	27.290	1.065	5.31e-27
RPL41P2	ENSG00000256338.2	37.139	17.225	1.065	2.90e-18
CCNE1	ENSG00000105173.13	1.550	0.220	1.064	5.34e-30
DHRS7	ENSG00000100612.13	80.309	37.900	1.064	5.29e-22
MANBAL	ENSG00000101363.12	32.901	15.210	1.064	1.33e-61
RPS19	ENSG00000105372.6	1.703.043	813.895	1.064	4.40e-40
SEC61G	ENSG00000132432.13	167.195	79.423	1.064	8.75e-38
DPCD	ENSG00000166171.12	7.670	3.150	1.063	3.19e-37
YIPF3	ENSG00000137207.11	100.002	47.349	1.063	3.77e-55
GAS5	ENSG00000234741.7	169.388	80.573	1.063	1.93e-27
PTGES3	ENSG00000110958.15	137.758	65.443	1.062	8.02e-42
HGH1	ENSG00000235173.6	22.409	10.215	1.062	1.99e-38
DCDC2	ENSG00000146038.11	2.380	0.620	1.061	3.39e-11
PEX11B	ENSG00000131779.10	23.079	10.540	1.061	3.73e-58
RPN1	ENSG00000163902.11	160.362	76.362	1.061	9.65e-46
FTH1P23	ENSG00000242960.1	2.400	0.630	1.061	2.57e-49
RP11-111M22.3	ENSG00000255135.3	4.520	1.645	1.061	4.45e-37
ATP6VOE1	ENSG00000113732.8	207.691	99.105	1.060	2.92e-53
PSMD2	ENSG00000175166.16	81.480	38.550	1.060	4.01e-29
BROX	ENSG00000162819.11	10.950	4.735	1.059	1.51e-45
C9orf16	ENSG00000171159.4	50.801	23.865	1.059	2.63e-38
SCPEP1	ENSG00000121064.12	25.849	11.890	1.059	5.18e-11
KIF23	ENSG00000137807.13	1.480	0.190	1.059	7.83e-31
PTMA	ENSG00000187514.14	508.498	243.570	1.059	1.61e-41
CANX	ENSG00000127022.14	179.830	85.843	1.058	6.23e-29
CH17-13I23.3	ENSG00000277702.1	1.300	0.105	1.058	2.82e-10

NDUFAF2	ENSG00000164182.10	25.060	11.515	1.058	6.33e-43
GNB2L1	ENSG00000204628.11	891.937	427.994	1.058	4.11e-47
ZSCAN16-AS1	ENSG00000269293.2	8.450	3.540	1.058	4.19e-41
SPON2	ENSG00000159674.11	94.851	45.069	1.057	1.97e-17
SLC25A39	ENSG00000013306.15	125.382	59.779	1.056	2.03e-60
PRR11	ENSG00000068489.12	1.370	0.140	1.056	2.78e-35
TMEM209	ENSG00000146842.16	5.270	2.015	1.056	2.42e-34
ZCCHC10	ENSG00000155329.11	18.150	8.210	1.056	1.41e-57
IGSF8	ENSG00000162729.13	46.529	21.859	1.056	1.58e-26
TEX264	ENSG00000164081.12	62.651	29.615	1.056	3.68e-67
CCDC28B	ENSG00000160050.14	3.800	1.310	1.055	2.88e-26
EMC4	ENSG00000128463.12	77.299	36.715	1.054	5.22e-67
MRPL47	ENSG00000136522.13	30.300	14.075	1.054	8.16e-49
RPL23AP82	ENSG00000184319.15	9.590	4.100	1.054	1.44e-41
WBP5	ENSG00000185222.7	20.890	9.550	1.053	1.10e-6
FAM127B	ENSG00000203950.6	33.109	15.435	1.053	8.59e-12
C12orf45	ENSG00000151131.9	19.500	8.885	1.052	3.14e-58
CRTAP	ENSG00000170275.14	47.310	22.299	1.052	1.27e-22
CYC1	ENSG00000179091.4	157.324	75.334	1.052	5.84e-48
RIPK2	ENSG00000104312.7	6.290	2.515	1.052	6.24e-25
NCAPG2	ENSG00000146918.19	2.930	0.895	1.052	3.71e-28
TMEM183A	ENSG00000163444.11	27.020	12.510	1.052	5.56e-52
NSMCE1	ENSG00000169189.16	51.610	24.375	1.052	2.32e-56
AGBL5	ENSG00000084693.15	8.210	3.445	1.051	2.57e-39
PLOD1	ENSG00000083444.16	76.388	36.346	1.051	2.95e-32
TRAIP	ENSG00000183763.8	1.870	0.385	1.051	1.16e-40
AC092171.4	ENSG00000230733.2	2.230	0.560	1.050	2.10e-36
DERL1	ENSG00000136986.9	56.191	26.628	1.050	5.19e-37
PYGO2	ENSG00000163348.3	15.310	6.875	1.050	1.25e-47
NUDT2	ENSG00000164978.17	20.569	9.420	1.050	1.35e-43
SLC25A6	ENSG00000169100.12	110.063	52.654	1.050	5.00e-32
TATDN3	ENSG00000203705.10	7.830	3.265	1.050	3.12e-45
ARV1	ENSG00000173409.13	17.670	8.020	1.049	3.26e-45
SMS	ENSG00000102172.15	25.701	11.905	1.049	2.98e-37
SSR1	ENSG00000124783.12	43.609	20.554	1.049	4.69e-23
TPPP3	ENSG00000159713.10	4.090	1.460	1.049	3.36e-13
NSA2	ENSG00000164346.9	56.629	26.857	1.049	7.30e-45
FKBPL	ENSG00000204315.3	5.260	2.025	1.049	4.76e-60
RP11-680F8.1	ENSG00000256802.2	3.770	1.305	1.049	1.13e-16
C17orf89	ENSG00000224877.3	74.470	35.490	1.048	1.48e-45
TXNDC12	ENSG00000117862.11	31.040	14.500	1.048	4.23e-55
DEPTOR	ENSG00000155792.9	9.300	3.985	1.047	4.12e-28
FBLN1	ENSG00000077942.17	8.620	3.655	1.047	4.88e-7
IFT52	ENSG00000101052.12	7.390	3.060	1.047	2.12e-37
TIMM17B	ENSG00000126768.12	46.659	22.065	1.047	2.67e-61
MIS18A	ENSG00000159055.3	4.360	1.595	1.047	1.36e-38
BEX2	ENSG00000133134.11	2.480	0.685	1.046	1.26e-11
TSNAX	ENSG00000116918.13	14.600	6.555	1.046	5.62e-45
NUDCD2	ENSG00000170584.10	15.300	6.895	1.046	8.99e-32
POLR2L	ENSG00000177700.5	155.448	74.780	1.046	6.25e-51

YBEY	ENSG00000182362.13	17.970	8.190	1.046	9.18e-35
TIMP1	ENSG00000102265.11	274.601	132.577	1.045	2.16e-2
TRIM16L	ENSG00000108448.20	7.100	2.925	1.045	6.52e-17
NDUFB6	ENSG00000165264.10	61.601	29.350	1.044	8.17e-52
UBE2A	ENSG00000077721.15	25.029	11.630	1.043	4.00e-40
MAP2	ENSG00000078018.19	3.050	0.965	1.043	8.47e-17
NDUFA8	ENSG00000119421.6	57.432	27.360	1.043	3.50e-55
HAUS1	ENSG00000152240.12	8.630	3.675	1.043	4.37e-37
UBXN1	ENSG00000162191.13	75.378	36.076	1.043	4.46e-62
ISG20	ENSG00000172183.14	19.960	9.170	1.043	7.63e-16
CPSF3	ENSG00000119203.13	13.290	5.940	1.042	1.43e-58
PDCD2L	ENSG00000126249.7	6.350	2.570	1.042	1.95e-47
RPS24	ENSG00000138326.18	1.646.514	799.358	1.042	1.33e-38
VPS33A	ENSG00000139719.9	7.390	3.075	1.042	3.20e-40
ABCB6	ENSG00000115657.12	39.371	18.615	1.041	8.28e-19
ATP6V0B	ENSG00000117410.13	142.339	68.669	1.041	8.52e-40
CHMP4B	ENSG00000101421.3	57.181	27.285	1.041	1.47e-42
PES1	ENSG00000100029.17	40.870	19.350	1.041	2.02e-45
NEDD8	ENSG00000129559.12	160.385	77.409	1.041	5.01e-71
STAP2	ENSG00000178078.11	66.680	31.891	1.041	2.07e-21
MRPL21	ENSG00000197345.12	61.230	29.245	1.041	5.43e-45
RPL31	ENSG00000071082.10	1.529.028	743.015	1.040	2.85e-40
KLHDC3	ENSG00000124702.17	61.120	29.215	1.040	5.23e-54
UBA52	ENSG00000221983.7	852.821	414.275	1.040	8.44e-57
CTNNA1	ENSG00000044115.20	88.812	42.721	1.039	1.10e-43
FST	ENSG00000134363.11	51.929	24.758	1.039	7.56e-5
MRPL15	ENSG00000137547.8	50.699	24.155	1.039	2.07e-40
SECTM1	ENSG00000141574.7	5.340	2.085	1.039	4.35e-19
FN3K	ENSG00000167363.13	54.059	25.804	1.039	7.59e-25
HRAS	ENSG00000174775.16	32.271	15.190	1.039	3.00e-48
THEM6	ENSG00000130193.7	35.921	16.975	1.038	1.03e-27
NFKBIL1	ENSG00000204498.10	18.870	8.680	1.038	1.09e-51
RP11-369J21.12	ENSG00000279399.1	1.730	0.330	1.038	8.97e-5
GRAMD1A	ENSG00000089351.14	18.690	8.595	1.037	7.23e-16
RBBP4	ENSG00000162521.18	30.969	14.580	1.037	1.25e-12
BAMBI	ENSG00000095739.10	13.810	6.220	1.036	1.44e-5
COCH	ENSG00000100473.15	1.420	0.180	1.036	1.03e-21
RPL37A	ENSG00000197756.9	2.021.064	985.047	1.036	9.48e-37
C1QA	ENSG00000173372.16	81.492	39.245	1.035	1.34e-9
COA3	ENSG00000183978.7	130.119	62.989	1.035	3.77e-45
DCK	ENSG00000156136.9	3.950	1.415	1.035	8.38e-27
DTD1	ENSG00000125821.11	10.720	4.720	1.035	4.28e-20
RPL5	ENSG00000122406.12	560.899	273.187	1.035	3.44e-40
TPP1	ENSG00000166340.14	67.568	32.470	1.035	2.90e-23
RRP9	ENSG00000114767.6	12.340	5.515	1.034	3.72e-45
C15orf40	ENSG00000169609.13	15.500	7.065	1.033	4.08e-49
CALM3	ENSG00000160014.16	104.213	50.399	1.033	1.35e-34
DUSP23	ENSG00000158716.8	131.497	63.760	1.033	3.93e-33
LAMP2	ENSG00000005893.15	125.756	60.959	1.033	4.88e-20
GPKOW	ENSG00000068394.10	14.820	6.730	1.033	2.64e-56

NDUFA12	ENSG00000184752.12	82.681	39.890	1.033	1.74e-63
C1QTNF5	ENSG00000223953.4	11.430	5.080	1.032	2.00e-19
DOLK	ENSG00000175283.7	10.080	4.420	1.032	8.50e-57
LRP11	ENSG00000120256.9	7.820	3.315	1.032	1.44e-31
PTGFRN	ENSG00000134247.9	10.950	4.845	1.032	4.96e-18
RPL4	ENSG00000174444.14	1.141.566	557.933	1.032	2.02e-40
MARCKSL1	ENSG00000175130.6	29.070	13.709	1.032	3.51e-18
EZH2	ENSG00000106462.10	3.650	1.275	1.031	7.56e-30
RP11-35N6.1	ENSG00000148123.14	3.710	1.305	1.031	1.27e-21
ZNF581	ENSG00000171425.9	9.690	4.230	1.031	1.32e-44
SEMA3G	ENSG0000010319.6	1.930	0.435	1.030	6.60e-27
SMOX	ENSG00000088826.17	4.760	1.820	1.030	1.40e-9
RPL12	ENSG00000197958.12	922.752	451.379	1.030	9.95e-36
ARRDC2	ENSG00000105643.9	15.500	7.085	1.029	1.11e-14
C11orf98	ENSG00000278615.4	63.592	30.650	1.029	1.59e-48
DHX9	ENSG00000135829.16	41.550	19.855	1.029	8.48e-40
TEAD2	ENSG00000074219.13	7.460	3.145	1.029	1.47e-13
SWAP70	ENSG00000133789.14	5.090	1.985	1.029	7.00e-23
TUBB2A	ENSG00000137267.5	60.170	28.979	1.029	8.62e-16
TIPRL	ENSG00000143155.12	13.950	6.325	1.029	5.64e-42
DCTN2	ENSG00000175203.15	55.341	26.620	1.028	6.03e-34
ZMAT2	ENSG00000146007.10	48.509	23.279	1.028	1.50e-47
PPIC	ENSG00000168938.5	23.640	11.080	1.028	2.60e-31
XRCC6	ENSG00000196419.12	110.598	53.725	1.028	4.22e-48
PNMA6A	ENSG00000235961.5	9.820	4.305	1.028	2.33e-7
AC016747.3	ENSG00000212978.6	4.320	1.610	1.027	9.53e-37
C10orf35	ENSG00000171224.8	3.840	1.375	1.027	1.80e-18
PDCD5	ENSG00000105185.11	85.241	41.330	1.027	2.56e-49
UCHL5	ENSG00000116750.13	15.850	7.270	1.027	2.61e-26
CD320	ENSG00000167775.10	20.330	9.475	1.026	1.42e-40
PHPT1	ENSG00000054148.17	99.787	48.509	1.026	2.25e-41
NIPAL2	ENSG00000104361.9	5.820	2.350	1.026	1.57e-22
SYNGR2	ENSG00000108639.7	83.169	40.321	1.026	2.46e-38
SNRPF	ENSG00000139343.10	27.971	13.225	1.026	4.38e-44
PTRH2	ENSG00000141378.14	27.851	13.168	1.026	6.31e-49
SNAPIN	ENSG00000143553.10	32.479	15.445	1.026	1.25e-54
LINC00467	ENSG00000153363.12	10.370	4.585	1.026	1.15e-42
TOR3A	ENSG00000186283.13	17.179	7.930	1.026	1.02e-27
MORN2	ENSG00000188010.12	12.460	5.615	1.025	9.02e-40
GRK6	ENSG00000198055.10	10.620	4.710	1.025	1.04e-47
ALKBH2	ENSG00000189046.10	25.259	11.915	1.024	4.09e-37
ERGIC3	ENSG00000125991.18	192.324	94.039	1.024	4.39e-64
PDIA6	ENSG00000143870.12	159.155	77.753	1.024	3.64e-27
THOC7	ENSG00000163634.11	41.271	19.789	1.024	1.66e-54
CLN6	ENSG00000128973.11	19.690	9.180	1.023	2.95e-51
TMEM97	ENSG00000109084.13	38.620	18.500	1.023	7.48e-16
RFC3	ENSG00000133119.12	3.400	1.165	1.023	5.19e-32
UQCR10	ENSG00000184076.12	135.532	66.201	1.023	7.94e-53
TSEN15	ENSG00000198860.11	11.540	5.170	1.023	1.19e-41
CH17-340M24.3	ENSG00000197180.2	9.380	4.110	1.022	8.62e-42

EMP1	ENSG00000134531.9	7.720	3.295	1.022	2.12e-6
RP3-417G15.1	ENSG00000227008.2	2.940	0.940	1.022	5.27e-29
AC093673.5	ENSG00000232533.1	5.260	2.085	1.021	1.12e-24
ATIC	ENSG00000138363.14	66.201	32.119	1.021	1.34e-34
DTNBP1	ENSG00000047579.19	8.480	3.670	1.021	1.58e-32
RHOA	ENSG00000067560.10	154.396	75.585	1.021	1.12e-41
SLC29A1	ENSG00000112759.16	46.571	22.445	1.021	4.68e-19
LSM7	ENSG00000130332.14	71.848	34.910	1.021	2.95e-46
GGPS1	ENSG00000152904.11	12.930	5.865	1.021	4.77e-50
FUCA2	ENSG00000001036.13	34.951	16.730	1.020	1.28e-29
SAMM50	ENSG00000100347.14	30.890	14.730	1.020	2.94e-36
PSMB10	ENSG00000205220.11	59.112	28.645	1.020	1.14e-29
POLR2J2	ENSG00000267645.5	5.500	2.205	1.020	1.64e-14
TBCC	ENSG00000124659.6	11.020	4.930	1.019	3.26e-45
DHFRP1	ENSG00000188985.6	2.310	0.635	1.018	4.52e-10
TIMM10	ENSG00000134809.8	60.480	29.360	1.018	4.07e-50
ATP6V1D	ENSG00000100554.11	38.409	18.475	1.017	3.53e-39
C14orf166	ENSG00000087302.8	107.940	52.815	1.017	2.38e-65
CENPK	ENSG00000123219.12	1.510	0.240	1.017	2.37e-30
PDAP1	ENSG00000106244.12	72.978	35.554	1.017	1.75e-36
VBP1	ENSG00000155959.10	18.290	8.530	1.017	3.50e-39
ACP6	ENSG00000162836.11	18.600	8.690	1.016	6.14e-32
ATP6V1H	ENSG00000047249.16	23.620	11.170	1.016	1.12e-44
BAG6	ENSG00000204463.12	179.805	88.398	1.016	1.81e-55
C1orf35	ENSG00000143793.12	12.700	5.775	1.016	1.91e-48
BCAS4	ENSG00000124243.17	1.850	0.410	1.015	2.00e-31
EEF1G	ENSG00000254772.9	721.421	356.435	1.015	1.20e-44
IMMP2L	ENSG00000184903.9	17.520	8.165	1.015	8.77e-32
PMS2P1	ENSG00000078319.8	5.080	2.010	1.014	4.84e-48
SYNGR1	ENSG00000100321.14	6.500	2.715	1.014	5.92e-8
PSMC3	ENSG00000165916.8	107.507	52.736	1.014	1.17e-59
ARF1	ENSG00000143761.13	269.025	132.775	1.013	3.51e-42
BPGM	ENSG00000172331.11	8.150	3.535	1.013	3.91e-40
FTL	ENSG00000087086.13	11.550.758	5.723.571	1.013	5.51e-19
SNX15	ENSG00000110025.12	9.930	4.415	1.013	8.06e-43
SKA3	ENSG00000165480.15	1.160	0.070	1.013	1.35e-39
SOX18	ENSG00000203883.6	4.610	1.780	1.013	5.70e-29
TMEM164	ENSG00000157600.11	2.590	0.780	1.012	5.00e-28
RPP40	ENSG00000124787.13	7.110	3.025	1.011	2.19e-36
RPS6	ENSG00000137154.12	1.117.066	553.925	1.011	2.75e-32
FAM103A1	ENSG00000169612.3	15.700	7.285	1.011	9.60e-51
FIBP	ENSG00000172500.12	36.801	17.760	1.011	8.92e-57
NDUFA4	ENSG00000189043.9	120.508	59.309	1.011	1.15e-48
RP11-475C16.1	ENSG00000218426.5	15.420	7.145	1.011	2.34e-28
CCL18	ENSG00000275385.1	2.040	0.510	1.010	1.72e-11
COPZ1	ENSG00000111481.9	81.882	40.161	1.010	1.86e-49
RPS13	ENSG00000110700.6	649.415	322.018	1.010	6.76e-48
HELLS	ENSG00000119969.14	1.830	0.405	1.010	1.27e-29
RPL23A	ENSG00000198242.13	690.213	342.330	1.010	5.01e-38
TAF9	ENSG00000273841.4	33.171	15.970	1.010	1.93e-35

CSTB	ENSG00000160213.5	62.012	30.300	1.009	3.64e-26
EFCAB11	ENSG00000140025.15	4.050	1.510	1.009	6.94e-49
NDUFS8	ENSG00000110717.10	131.060	64.625	1.009	9.08e-47
RAB4A	ENSG00000168118.11	37.219	17.995	1.009	1.56e-41
ARF3	ENSG00000134287.9	30.759	14.790	1.008	1.65e-30
DPP3	ENSG00000254986.7	21.580	10.230	1.008	6.32e-37
PRKCSH	ENSG00000130175.9	198.376	98.155	1.008	8.08e-72
NUDT14	ENSG00000183828.14	19.940	9.410	1.008	7.68e-22
AIMP2	ENSG00000106305.9	27.651	13.260	1.007	1.33e-32
CTSD	ENSG00000117984.12	769.138	382.084	1.007	1.02e-31
HCFC1R1	ENSG00000103145.10	44.622	21.699	1.007	2.88e-40
RP11-977G19.10	ENSG00000144785.8	1.010	0.000	1.007	1.70e-11
GEMIN6	ENSG00000152147.10	11.220	5.080	1.007	7.82e-55
RUSC1	ENSG00000160753.15	10.760	4.850	1.007	2.44e-33
TRBC2	ENSG00000211772.8	11.130	5.035	1.007	3.92e-9
UGT1A10	ENSG00000242515.5	1.210	0.100	1.007	4.13e-17
TPR	ENSG00000047410.13	20.000	9.455	1.006	7.29e-31
ARHGEF39	ENSG00000137135.17	1.810	0.400	1.005	1.83e-36
CAPRIN1	ENSG00000135387.19	35.170	17.019	1.005	9.85e-33
LAPTM5	ENSG00000162511.7	28.489	13.690	1.005	3.00e-11
MAGED1	ENSG00000179222.17	64.440	31.600	1.005	1.20e-12
RPS3AP6	ENSG00000234797.5	12.820	5.885	1.005	1.09e-27
ADIPOR1	ENSG00000159346.12	66.791	32.800	1.004	1.88e-43
BTF3	ENSG00000145741.15	338.660	168.376	1.004	8.92e-46
CORO1B	ENSG00000172725.13	47.550	23.209	1.004	1.49e-42
HSPB11	ENSG00000081870.11	21.910	10.425	1.004	5.79e-49
SEC11C	ENSG00000166562.8	180.330	89.390	1.004	4.71e-25
FASN	ENSG00000169710.6	217.896	108.112	1.004	2.11e-8
RRP15	ENSG00000067533.5	4.320	1.655	1.003	5.88e-26
ENY2	ENSG00000120533.12	127.009	62.880	1.003	1.36e-46
APIP	ENSG00000149089.12	18.439	8.705	1.002	1.29e-36
TMED9	ENSG00000184840.11	183.304	91.034	1.002	6.92e-43
RP11-138I1.4	ENSG00000265401.1	198.074	98.400	1.002	6.64e-21
FKBP9	ENSG00000122642.10	17.640	8.315	1.001	5.14e-27
CDC123	ENSG00000151465.13	33.160	16.075	1.000	6.77e-45
CLGN	ENSG00000153132.12	2.200	0.600	1.000	5.64e-11
CMTM7	ENSG00000153551.13	8.100	3.550	1.000	1.06e-15
EIF4BP7	ENSG00000225031.1	1.680	0.340	1.000	3.21e-40
TCOF1	ENSG00000070814.17	8.240	3.620	1.000	6.06e-44
ITM2A	ENSG00000078596.10	3.190	1.095	1.000	6.95e-14
TTK	ENSG00000112742.9	1.180	0.090	1.000	7.54e-35
EXOC4	ENSG00000131558.14	11.340	5.170	1.000	6.07e-48
TAF10	ENSG00000166337.9	146.707	72.876	1.000	1.82e-56
RPL15	ENSG00000174748.18	755.139	377.046	1.000	1.90e-44
PRR34-AS1	ENSG00000241990.5	7.780	3.390	1.000	3.51e-24
RBBP7	ENSG00000102054.17	53.749	26.400	0.999	8.24e-52
B4GAT1	ENSG00000174684.6	16.420	7.725	0.998	4.53e-34
IARS2	ENSG00000067704.9	39.281	19.170	0.998	7.96e-22
HYAL2	ENSG00000068001.13	25.630	12.330	0.998	1.43e-28
NAA10	ENSG00000102030.15	64.190	31.631	0.998	3.05e-51

RP11-195F19.5	ENSG00000187186.14	5.670	2.340	0.998	2.14e-27
HNRNPUL1	ENSG00000105323.16	45.749	22.430	0.997	3.80e-38
HS1BP3	ENSG00000118960.12	19.320	9.185	0.996	6.28e-36
VDAC2	ENSG00000165637.13	74.780	36.990	0.996	1.63e-32
TCEAL8	ENSG00000180964.16	21.470	10.265	0.996	3.50e-9
FHL3	ENSG00000183386.9	6.840	2.930	0.996	9.44e-23
APH1A	ENSG00000117362.12	114.650	57.011	0.995	4.02e-44
CHCHD7	ENSG00000170791.17	22.181	10.630	0.995	4.02e-42
CLSTN1	ENSG00000171603.16	12.260	5.655	0.995	4.70e-20
COP55	ENSG00000121022.13	43.861	21.510	0.995	3.08e-57
DRAM2	ENSG00000156171.14	24.140	11.615	0.995	6.50e-33
SUMF2	ENSG00000129103.17	86.312	42.810	0.995	1.06e-38
SESTD1	ENSG00000187231.13	7.540	3.285	0.995	2.53e-16
DEPDC1B	ENSG00000035499.12	1.230	0.120	0.994	1.73e-28
MRPS34	ENSG00000074071.13	89.622	44.500	0.994	7.12e-49
RNASEH2B	ENSG00000136104.18	12.470	5.765	0.994	4.19e-41
KIAA1143	ENSG00000163807.5	5.670	2.350	0.994	1.33e-27
HIST1H4J	ENSG00000197238.4	15.580	7.325	0.994	1.56e-15
C12orf10	ENSG00000139637.13	34.329	16.750	0.993	2.17e-61
SKP1	ENSG00000113558.18	259.735	129.993	0.993	1.25e-29
FGGY	ENSG00000172456.16	58.748	29.030	0.993	6.38e-5
RP4-800G7.1	ENSG00000239719.1	0.990	0.000	0.993	4.14e-11
BCAP29	ENSG00000075790.10	19.390	9.250	0.992	7.50e-36
CECR1	ENSG00000093072.15	6.550	2.795	0.992	2.20e-10
VPS35	ENSG00000069329.15	14.340	6.715	0.992	2.15e-25
TPM4	ENSG00000167460.14	43.030	21.145	0.992	1.79e-12
COMMD9	ENSG00000110442.11	44.510	21.900	0.991	3.09e-50
DEDD	ENSG00000158796.16	20.230	9.685	0.991	7.68e-38
NSFL1C	ENSG00000088833.17	45.911	22.610	0.991	3.02e-40
SIL1	ENSG00000120725.12	100.412	50.009	0.991	1.68e-42
GNB1L	ENSG00000185838.13	3.580	1.305	0.991	4.42e-48
WDR46	ENSG00000227057.7	33.321	16.270	0.991	7.34e-43
bP-21264C1.2	ENSG00000278932.3	3.330	1.180	0.990	3.90e-24
COPE	ENSG00000105669.12	147.410	73.717	0.990	8.67e-51
DDX39A	ENSG00000123136.14	36.501	17.886	0.990	3.77e-36
LRRC42	ENSG00000116212.14	16.030	7.575	0.990	2.22e-31
PRKCD	ENSG00000163932.13	6.300	2.675	0.990	3.13e-24
LIMK1	ENSG00000106683.14	4.030	1.535	0.989	4.33e-21
HNRNPA3P6	ENSG00000213300.5	2.820	0.925	0.989	2.65e-30
SSBP1	ENSG00000106028.10	97.450	48.620	0.988	2.72e-51
GAPDH	ENSG00000111640.14	1.863.629	939.011	0.988	2.00e-33
UBA2	ENSG00000126261.12	28.359	13.805	0.988	1.66e-20
ITGB1	ENSG00000150093.18	121.128	60.570	0.988	2.53e-16
ZNF622	ENSG00000173545.4	19.990	9.585	0.988	1.33e-48
BBC3	ENSG00000105327.15	6.460	2.765	0.987	2.39e-31
CHEK2	ENSG00000183765.20	7.010	3.040	0.987	6.13e-24
DUXAP9	ENSG00000225210.9	1.280	0.150	0.987	1.60e-24
FN1	ENSG00000115414.18	1.423.769	718.029	0.987	3.28e-17
HIST1H2AC	ENSG00000180573.9	41.340	20.359	0.987	5.26e-10
ENOPH1	ENSG00000145293.14	12.890	6.015	0.986	2.93e-35

RAB10	ENSG00000084733.10	32.231	15.773	0.986	3.39e-26
SLC3A2	ENSG00000168003.16	58.371	28.984	0.986	6.37e-22
RP11-284F21.7	ENSG00000229953.1	1.080	0.050	0.986	2.02e-24
COMMD3-BMI1	ENSG00000269897.5	14.130	6.645	0.985	9.64e-11
KLB	ENSG00000134962.6	9.490	4.300	0.985	2.15e-7
EXOSC1	ENSG00000171311.12	23.501	11.380	0.985	3.31e-55
ABCF2	ENSG00000033050.7	10.770	4.950	0.984	9.13e-32
TSG101	ENSG00000074319.12	42.320	20.899	0.984	3.57e-36
PRDX1	ENSG00000117450.13	490.258	247.382	0.984	3.00e-36
XPR1	ENSG00000143324.13	3.390	1.220	0.984	7.62e-28
SSRP1	ENSG00000149136.7	33.261	16.320	0.984	9.83e-29
PPP1CA	ENSG00000172531.14	106.447	53.339	0.984	4.95e-59
ARAP1-AS1	ENSG00000256007.1	9.180	4.150	0.983	9.91e-11
EIF4A3	ENSG00000141543.9	37.919	18.694	0.983	3.24e-41
UTP18	ENSG00000011260.13	16.731	7.970	0.983	4.08e-49
PLGRKT	ENSG00000107020.9	15.540	7.370	0.983	4.31e-36
HDAC5	ENSG00000108840.15	18.890	9.065	0.983	4.03e-40
RCN2	ENSG00000117906.13	13.650	6.410	0.983	1.08e-26
LAD1	ENSG00000159166.13	19.680	9.460	0.983	4.09e-5
MCTS1	ENSG00000232119.7	38.009	18.729	0.983	5.68e-48
BRD7	ENSG00000166164.15	26.580	12.965	0.982	1.46e-41
OPN3	ENSG00000054277.12	14.710	6.955	0.982	3.01e-21
PSMC2	ENSG00000161057.10	46.931	23.265	0.982	1.04e-35
RPL10	ENSG00000147403.16	2.020.084	1.022.651	0.981	5.82e-43
LAS1L	ENSG00000001497.16	17.340	8.300	0.980	3.00e-56
SAMHD1	ENSG00000101347.8	11.220	5.195	0.980	1.22e-18
RP11-706C16.7	ENSG00000253196.1	4.710	1.895	0.980	8.65e-8
RPS2	ENSG00000140988.15	1.109.811	562.378	0.979	8.91e-32
SPTAN1	ENSG00000197694.13	83.812	42.025	0.979	7.02e-49
RP11-140K17.3	ENSG00000272288.5	13.690	6.454	0.979	2.11e-33
ANP32A	ENSG00000140350.15	69.589	34.830	0.978	2.00e-39
ARL4A	ENSG00000122644.12	10.120	4.645	0.978	4.78e-15
CCDC124	ENSG00000007080.10	61.922	30.955	0.978	1.23e-48
DAPK3	ENSG00000167657.11	24.010	11.695	0.978	3.92e-27
PPP2R5A	ENSG00000066027.11	33.381	16.460	0.978	1.01e-34
PPAP2A	ENSG00000067113.16	52.250	26.030	0.978	5.96e-16
NIFK	ENSG00000155438.11	24.880	12.140	0.978	1.61e-30
PKN3	ENSG00000160447.6	2.920	0.990	0.978	2.93e-23
NUDT5	ENSG00000165609.12	69.382	34.740	0.978	8.73e-42
FAM220A	ENSG00000178397.12	5.500	2.300	0.978	3.64e-43
JAG2	ENSG00000184916.8	2.940	1.000	0.978	9.67e-28
TMEM206	ENSG00000065600.12	2.120	0.585	0.977	1.79e-40
ETFB	ENSG00000105379.9	455.939	231.199	0.977	5.56e-21
RPA3	ENSG00000106399.11	31.340	15.435	0.977	1.32e-38
IFT22	ENSG00000128581.15	9.130	4.145	0.977	1.04e-34
MZT2A	ENSG00000173272.13	73.079	36.634	0.977	7.00e-35
HNRNPAB	ENSG00000197451.10	72.348	36.270	0.977	5.76e-37
IKBKE	ENSG00000263528.7	2.060	0.555	0.977	3.29e-23
BID	ENSG00000015475.18	37.139	18.385	0.976	6.22e-25
RALBP1	ENSG00000017797.11	15.610	7.445	0.976	4.17e-36

TDGF1	ENSG00000241186.7	1.990	0.520	0.976	2.81e-15
AAMDC	ENSG00000087884.14	43.879	21.848	0.974	1.09e-32
BAK1	ENSG00000030110.12	8.430	3.800	0.974	3.31e-26
YWHAH	ENSG00000128245.14	47.901	23.895	0.974	2.60e-31
FAIM	ENSG00000158234.12	7.120	3.135	0.974	8.41e-25
RP4-545C24.1	ENSG00000244198.5	1.760	0.405	0.974	1.38e-20
ARL15	ENSG00000185305.10	5.890	2.510	0.973	3.07e-27
MYH9	ENSG00000100345.20	94.078	47.425	0.973	1.16e-18
KDELR1	ENSG00000105438.8	112.282	56.725	0.973	4.03e-46
WDR83OS	ENSG00000105583.9	165.673	83.911	0.973	7.82e-58
NKIRAS2	ENSG00000168256.17	16.630	7.980	0.973	5.78e-35
CLDN4	ENSG00000189143.9	3.580	1.335	0.972	5.30e-6
SUV39H1	ENSG00000101945.16	5.650	2.390	0.972	2.52e-48
TMEM19	ENSG00000139291.13	9.600	4.405	0.972	1.50e-20
GAA	ENSG00000171298.12	53.448	26.755	0.972	2.82e-29
FUCA1	ENSG00000179163.11	36.380	18.050	0.972	3.82e-16
NAA38	ENSG00000183011.13	65.448	32.879	0.972	2.55e-33
TMA7	ENSG00000232112.3	223.634	113.503	0.972	3.83e-54
C12orf57	ENSG00000111678.10	162.398	82.349	0.971	4.33e-37
CHMP3	ENSG00000115561.14	22.119	10.798	0.971	1.86e-34
RFT1	ENSG00000163933.9	10.440	4.835	0.971	6.43e-44
TRNAU1AP	ENSG00000180098.9	9.480	4.345	0.971	1.03e-38
RPL10A	ENSG00000198755.10	676.149	344.556	0.971	5.49e-35
AIFM2	ENSG00000042286.14	14.110	6.715	0.970	2.46e-23
LANCL1	ENSG00000115365.11	9.030	4.120	0.970	2.27e-24
ESAM	ENSG00000149564.11	13.060	6.180	0.970	1.73e-20
WASF2	ENSG00000158195.10	10.050	4.640	0.970	1.10e-21
MRPL53	ENSG00000204822.6	76.611	38.610	0.970	3.90e-56
APEX1	ENSG00000100823.11	80.420	40.604	0.969	2.87e-50
CPPED1	ENSG00000103381.11	17.900	8.655	0.969	4.72e-22
LGALS2	ENSG00000100079.6	2.170	0.620	0.969	4.63e-10
TIMM50	ENSG00000105197.10	45.179	22.586	0.969	5.26e-55
F13B	ENSG00000143278.3	59.251	29.774	0.969	2.86e-3
PTRF	ENSG00000177469.12	16.040	7.705	0.969	1.53e-15
RPS17	ENSG00000182774.10	1.168.141	596.115	0.969	8.36e-39
NLE1	ENSG00000073536.17	6.130	2.645	0.968	1.77e-34
MEAF6	ENSG00000163875.15	29.769	14.725	0.968	3.06e-22
METTL18	ENSG00000171806.11	4.710	1.920	0.968	5.80e-43
OXLD1	ENSG00000204237.4	26.711	13.165	0.968	2.68e-48
DPM2	ENSG00000136908.17	29.060	14.375	0.967	3.28e-40
SNRPG	ENSG00000143977.13	79.412	40.125	0.967	1.24e-47
TUBB4B	ENSG00000188229.5	111.569	56.600	0.967	4.40e-29
ATG7	ENSG00000197548.12	7.490	3.345	0.966	1.00e-50
MYH14	ENSG00000105357.15	30.879	15.320	0.966	1.72e-21
GLTSCR2	ENSG00000105373.18	192.844	98.243	0.966	1.22e-34
SLC15A3	ENSG00000110446.9	24.100	11.845	0.966	9.20e-13
PSME3	ENSG00000131467.10	26.679	13.170	0.966	3.22e-20
FAM213B	ENSG00000157870.14	7.710	3.460	0.966	1.90e-21
RSL1D1	ENSG00000171490.12	44.631	22.365	0.966	2.15e-26
C18orf21	ENSG00000141428.16	13.230	6.290	0.965	1.51e-59

CHCHD1	ENSG00000172586.7	43.861	21.979	0.965	3.18e-56
EIF3G	ENSG00000130811.10	130.970	66.590	0.965	2.82e-49
FAM134A	ENSG00000144567.10	60.959	30.735	0.965	1.19e-43
STRA13	ENSG00000169689.14	73.338	37.070	0.965	1.33e-30
AC007192.6	ENSG00000269145.2	8.030	3.630	0.964	2.13e-23
ACTR3	ENSG00000115091.11	29.570	14.674	0.964	7.99e-9
NUCB2	ENSG00000070081.15	57.368	28.924	0.964	1.19e-19
SEC23B	ENSG00000101310.14	25.010	12.330	0.964	2.42e-19
TMEM109	ENSG00000110108.9	49.731	25.000	0.964	4.71e-47
GPX7	ENSG00000116157.5	3.790	1.455	0.964	2.87e-14
FARS2	ENSG00000145982.11	10.790	5.050	0.963	6.33e-44
RP11-126K1.2	ENSG00000232671.5	2.480	0.785	0.963	1.43e-36
ZSCAN31	ENSG00000235109.7	3.620	1.370	0.963	2.95e-22
AC011737.2	ENSG00000204196.5	10.630	4.970	0.962	6.69e-31
B3GNTL1	ENSG00000175711.8	4.300	1.720	0.962	1.75e-34
CWC27	ENSG00000153015.15	7.630	3.430	0.962	4.76e-55
PRPF19	ENSG00000110107.8	56.629	28.585	0.962	3.84e-55
SNAP47	ENSG00000143740.14	22.721	11.175	0.962	8.91e-39
VCAM1	ENSG00000162692.10	5.970	2.579	0.962	1.66e-6
SLBP	ENSG00000163950.12	20.760	10.170	0.962	1.70e-33
ACOT7	ENSG00000097021.19	18.840	9.195	0.961	1.99e-31
SMARCAL1	ENSG00000138375.12	5.880	2.535	0.961	1.76e-47
GTF3C6	ENSG00000155115.6	39.959	20.044	0.961	1.01e-29
TBCA	ENSG00000171530.13	215.806	110.388	0.961	3.92e-43
GOLT1B	ENSG00000111711.9	12.840	6.115	0.960	5.86e-28
SLC35B1	ENSG00000121073.13	65.848	33.356	0.960	1.32e-36
PVRL2	ENSG00000130202.9	104.799	53.369	0.960	1.28e-26
TRIM11	ENSG00000154370.13	7.800	3.525	0.960	2.61e-43
VSNL1	ENSG00000163032.11	8.160	3.710	0.960	2.00e-5
IPO9	ENSG00000198700.9	19.149	9.360	0.960	1.59e-55
RP11-109D20.2	ENSG00000259352.1	1.480	0.275	0.960	4.79e-2
EMC7	ENSG00000134153.9	61.862	31.330	0.959	2.77e-48
RBM24	ENSG00000112183.14	1.430	0.250	0.959	5.34e-24
NXT1	ENSG00000132661.3	10.120	4.720	0.959	1.24e-28
RPS8	ENSG00000142937.11	851.108	437.426	0.959	2.51e-38
UQCC3	ENSG00000204922.4	11.060	5.205	0.959	5.72e-48
RP11-468E2.1	ENSG00000254692.1	8.290	3.780	0.959	4.25e-15
ARMC1	ENSG00000104442.9	11.570	5.470	0.958	5.89e-37
RALA	ENSG00000006451.7	11.510	5.440	0.958	7.63e-38
NAGPA	ENSG00000103174.11	9.390	4.350	0.958	1.74e-49
PPP6R1	ENSG00000105063.18	22.869	11.285	0.958	3.14e-46
JTB	ENSG00000143543.14	158.165	80.954	0.958	7.96e-57
SAAL1	ENSG00000166788.9	7.380	3.315	0.958	5.82e-45
UMAD1	ENSG00000219545.9	11.970	5.675	0.958	8.27e-27
BCL7C	ENSG00000099385.11	15.590	7.545	0.957	1.76e-50
CDCA4	ENSG00000170779.10	2.610	0.860	0.957	1.74e-39
RPS5	ENSG00000083845.8	687.777	353.875	0.957	4.49e-38
GLO1	ENSG00000124767.6	58.561	29.685	0.957	4.49e-25
MANF	ENSG00000145050.15	131.406	67.227	0.957	1.21e-19
CHCHD2	ENSG00000106153.12	268.373	137.839	0.956	1.88e-47

RTFDC1	ENSG00000022277.12	50.758	25.675	0.956	3.77e-42
RFC2	ENSG00000049541.10	17.200	8.385	0.956	9.88e-35
MRPL51	ENSG00000111639.7	129.579	66.295	0.956	1.60e-52
SET	ENSG00000119335.16	70.010	35.600	0.956	1.04e-24
NDUFA3	ENSG00000170906.15	227.259	116.637	0.956	3.42e-44
ACTB	ENSG00000075624.13	1.577.801	813.415	0.955	1.06e-35
DHRS7B	ENSG00000109016.17	21.320	10.515	0.955	6.07e-36
HSPA5	ENSG00000044574.7	228.032	117.180	0.955	3.65e-25
PPP1R13L	ENSG00000104881.14	10.290	4.825	0.955	5.40e-17
LIPA	ENSG00000107798.17	37.720	18.980	0.955	2.97e-13
RAB13	ENSG00000143545.8	90.798	46.346	0.955	6.73e-49
SEC13	ENSG00000157020.17	76.760	39.105	0.955	5.09e-47
PSMA2	ENSG00000256646.7	7.610	3.440	0.955	4.32e-34
TECR	ENSG00000099797.11	147.002	75.415	0.954	1.84e-45
ITM2B	ENSG00000136156.12	418.330	215.395	0.954	2.42e-21
S100A1	ENSG00000160678.11	4.570	1.875	0.954	4.03e-14
NRAS	ENSG00000213281.4	10.320	4.845	0.954	8.54e-29
DNTTIP1	ENSG00000101457.12	17.360	8.485	0.953	1.08e-55
MET	ENSG00000105976.14	16.670	8.125	0.953	3.88e-21
PAK1	ENSG00000149269.9	10.140	4.755	0.953	1.62e-18
PCOLCE2	ENSG00000163710.7	14.150	6.825	0.953	7.94e-6
FAM198B	ENSG00000164125.15	2.580	0.850	0.953	1.64e-21
MXRA7	ENSG00000182534.13	16.710	8.150	0.953	2.65e-9
ZNF480	ENSG00000198464.13	5.320	2.265	0.953	4.59e-29
LINC00493	ENSG00000232388.4	87.729	44.840	0.953	1.23e-56
TCF3	ENSG00000071564.14	14.600	7.065	0.952	4.45e-35
KHDRBS1	ENSG00000121774.17	31.860	15.990	0.952	1.28e-40
GIPC1	ENSG00000123159.15	47.071	23.850	0.952	1.38e-34
TPM1	ENSG00000140416.19	71.179	36.315	0.952	1.40e-15
PPOX	ENSG00000143224.17	14.500	7.015	0.952	3.71e-42
PHAX	ENSG00000164902.13	17.850	8.745	0.952	1.26e-27
MTFP1	ENSG00000242114.5	20.269	9.995	0.952	4.56e-25
EIF3L	ENSG00000100129.17	197.594	101.761	0.951	2.94e-36
FGF13	ENSG00000129682.13	1.600	0.345	0.951	3.24e-19
ZYX	ENSG00000159840.15	60.128	30.615	0.951	2.82e-16
FGFR4	ENSG00000160867.14	68.802	35.115	0.951	2.23e-15
MRPL11	ENSG00000174547.13	49.990	25.370	0.951	8.67e-54
TBL3	ENSG00000183751.14	30.900	15.500	0.951	1.05e-54
APEH	ENSG00000164062.12	83.899	42.935	0.950	6.45e-48
DNMT3A	ENSG00000119772.16	4.970	2.090	0.950	2.22e-28
FAM21A	ENSG00000099290.15	11.340	5.390	0.950	2.80e-29
VPS25	ENSG00000131475.6	53.330	27.130	0.950	1.03e-49
HNRNPU	ENSG00000153187.16	77.718	39.745	0.950	1.00e-35
FOXSI	ENSG00000179772.7	1.290	0.185	0.950	7.43e-31
MIEN1	ENSG00000141741.11	56.928	28.999	0.949	2.36e-50
INTS7	ENSG00000143493.12	9.040	4.200	0.949	2.44e-44
PIGF	ENSG00000151665.12	11.880	5.670	0.949	6.07e-48
NPTN	ENSG00000156642.16	34.530	17.410	0.949	1.71e-15
SART1	ENSG00000175467.14	45.911	23.305	0.949	9.41e-49
MRPL48	ENSG00000175581.13	28.010	14.025	0.949	3.69e-52

SYPL1	ENSG00000008282.7	39.519	20.006	0.948	3.78e-25
SPDL1	ENSG00000040275.16	2.510	0.820	0.948	2.84e-31
C10orf11	ENSG00000148655.14	25.321	12.655	0.947	3.55e-28
PSMC5	ENSG00000087191.12	113.668	58.466	0.947	1.56e-55
LINC00853	ENSG00000224805.2	1.120	0.100	0.947	3.57e-38
RN7SL1	ENSG00000276168.1	278.937	144.201	0.947	1.60e-6
UGT2B4	ENSG00000156096.12	316.595	163.879	0.946	3.37e-3
RP11-297L17.2	ENSG00000260963.1	5.030	2.130	0.946	4.25e-13
TUBB2B	ENSG00000137285.9	3.100	1.130	0.945	9.57e-14
ZBTB9	ENSG00000213588.5	3.120	1.140	0.945	2.84e-43
RP11-379B8.1	ENSG00000226453.1	2.350	0.740	0.945	2.09e-18
PDCD6	ENSG00000249915.7	65.999	33.800	0.945	5.08e-50
ADAM10	ENSG00000137845.14	12.920	6.235	0.944	7.50e-12
AHSA1	ENSG00000100591.7	74.341	38.149	0.944	3.01e-36
APH1B	ENSG00000138613.13	3.290	1.230	0.944	7.91e-26
TONSL	ENSG00000160949.16	2.520	0.830	0.944	1.36e-31
SPATA24	ENSG00000170469.10	4.290	1.750	0.944	5.23e-42
RRP7A	ENSG00000189306.10	16.829	8.265	0.944	5.14e-35
RPL18AP3	ENSG00000213442.5	32.919	16.630	0.944	7.44e-31
ATP5I	ENSG00000169020.9	509.627	264.550	0.943	8.47e-47
CD47	ENSG00000196776.14	36.241	18.370	0.943	1.66e-21
CDK7	ENSG00000134058.10	11.670	5.590	0.943	9.37e-44
DDX54	ENSG00000123064.12	40.590	20.634	0.943	1.64e-50
MRPS33	ENSG00000090263.15	71.769	36.845	0.943	4.82e-48
RPL18A	ENSG00000105640.12	882.589	458.474	0.943	4.23e-34
RPS25	ENSG00000118181.10	662.051	343.972	0.943	1.13e-36
SCCPDH	ENSG00000143653.9	83.522	42.979	0.943	1.51e-19
STOML1	ENSG00000067221.13	10.640	5.060	0.942	1.08e-38
RPS15	ENSG00000115268.9	817.400	424.934	0.942	1.66e-38
FN3KRP	ENSG00000141560.14	23.079	11.535	0.942	4.95e-34
NPM2	ENSG00000158806.13	3.160	1.165	0.942	1.41e-12
NDUFA6	ENSG00000184983.9	82.007	42.200	0.942	9.66e-50
MATR3	ENSG00000015479.17	56.559	28.979	0.941	2.59e-21
TBC1D22A	ENSG00000054611.13	11.800	5.665	0.941	2.26e-38
POP4	ENSG00000105171.9	48.789	24.940	0.941	5.35e-50
HCP5	ENSG00000206337.10	7.820	3.595	0.941	6.63e-14
TRAM1	ENSG00000067167.7	87.159	44.965	0.940	4.96e-26
KRT18	ENSG00000111057.10	461.599	240.184	0.940	2.50e-17
PRUNE	ENSG00000143363.15	10.830	5.165	0.940	1.22e-33
ALG14	ENSG00000172339.9	4.550	1.895	0.939	3.52e-30
CBX3	ENSG00000122565.18	53.928	27.655	0.939	1.19e-33
TTC27	ENSG00000018699.11	5.710	2.500	0.939	9.67e-49
MYL12A	ENSG00000101608.12	250.609	130.250	0.939	2.97e-26
LRR8D	ENSG00000171492.14	11.750	5.650	0.939	2.50e-22
UBE2N	ENSG00000177889.9	34.719	17.635	0.939	7.56e-24
ACE	ENSG00000159640.14	2.390	0.770	0.938	2.30e-21
MRPL27	ENSG00000108826.15	86.810	44.840	0.938	2.02e-49
NBAS	ENSG00000151779.12	15.540	7.630	0.938	2.00e-59
RP11-651P23.4	ENSG00000224831.3	2.620	0.890	0.938	8.73e-17
AIF1	ENSG00000204472.12	22.920	11.490	0.937	6.68e-10

APOO	ENSG00000184831.13	15.890	7.820	0.937	1.05e-36
CHRAC1	ENSG00000104472.9	11.370	5.460	0.937	3.74e-35
GNPTG	ENSG00000090581.9	67.512	34.781	0.937	2.14e-39
WDR12	ENSG00000138442.9	19.550	9.735	0.937	2.42e-31
MRAS	ENSG00000158186.12	4.120	1.675	0.937	2.42e-14
ZNF277	ENSG00000198839.9	14.430	7.060	0.937	4.74e-45
AC000089.3	ENSG00000235776.2	1.220	0.160	0.936	1.03e-50
PHF14	ENSG00000106443.14	13.590	6.625	0.936	3.47e-55
SMOC2	ENSG00000112562.18	2.540	0.850	0.936	3.18e-7
TTC1	ENSG00000113312.10	31.749	16.115	0.936	1.28e-58
EXOSC9	ENSG00000123737.12	11.060	5.305	0.936	5.67e-47
NDUFB4	ENSG00000065518.7	167.636	87.208	0.935	5.78e-55
RPS3A	ENSG00000145425.9	855.544	446.865	0.935	2.61e-28
VDAC1	ENSG00000213585.10	145.401	75.575	0.935	4.00e-35
SNRPEP4	ENSG00000233270.1	7.660	3.530	0.935	1.43e-24
POLR3K	ENSG00000161980.5	7.730	3.570	0.934	4.20e-41
RPS9	ENSG00000170889.13	1.312.770	686.515	0.934	4.69e-41
SLC16A11	ENSG00000174326.11	6.690	3.025	0.934	1.26e-6
DDR GK1	ENSG00000198171.12	77.578	40.165	0.933	1.56e-44
PLEKHO1	ENSG00000023902.13	11.960	5.790	0.933	9.81e-15
RNASE6	ENSG00000169413.2	4.700	1.985	0.933	6.52e-12
NOP10	ENSG00000182117.5	141.994	73.914	0.933	4.51e-48
CHD4	ENSG00000111642.14	56.398	29.080	0.932	1.83e-47
EEF1A1	ENSG00000156508.17	3.409.394	1.786.350	0.932	1.54e-29
MARK4	ENSG00000007047.14	14.530	7.140	0.932	1.19e-34
TSPAN17	ENSG00000048140.17	14.900	7.335	0.932	1.40e-40
PLD3	ENSG00000105223.18	117.930	61.339	0.932	1.03e-34
FBLIM1	ENSG00000162458.12	6.240	2.795	0.932	2.19e-12
IKBIP	ENSG00000166130.14	6.040	2.690	0.932	2.94e-31
ACTA2	ENSG00000107796.12	78.188	40.548	0.931	1.47e-8
COX4I1	ENSG00000131143.8	550.271	288.074	0.931	1.40e-36
SF3B6	ENSG00000115128.6	73.909	38.300	0.931	1.99e-57
RRP36	ENSG00000124541.6	32.760	16.705	0.931	3.50e-44
SAP30L	ENSG00000164576.11	22.000	11.065	0.931	9.90e-56
VEGFB	ENSG00000173511.9	43.561	22.370	0.931	2.60e-6
ZFP41	ENSG00000181638.17	3.300	1.255	0.931	7.28e-32
FANCA	ENSG00000187741.14	10.970	5.280	0.931	5.91e-23
KLHL7	ENSG00000122550.17	7.280	3.345	0.930	2.52e-32
NME7	ENSG00000143156.13	8.890	4.190	0.930	1.78e-24
SEPN1	ENSG00000162430.16	14.720	7.250	0.930	1.52e-23
AC144530.1	ENSG00000234742.1	1.180	0.145	0.929	7.98e-37
BIN1	ENSG00000136717.14	26.550	13.474	0.929	7.15e-24
EIF2AK1	ENSG00000086232.12	45.800	23.579	0.929	9.48e-42
SPCS2	ENSG00000118363.11	137.043	71.505	0.929	3.54e-37
USP5	ENSG00000111667.13	26.290	13.345	0.928	1.89e-43
PSMF1	ENSG00000125818.17	85.537	44.469	0.928	6.43e-22
UBE2D2	ENSG00000131508.15	54.349	28.090	0.928	5.38e-43
NOSIP	ENSG00000142546.13	44.010	22.650	0.928	4.10e-50
HIST1H4H	ENSG00000158406.3	1.330	0.225	0.928	1.09e-19
RSRC1	ENSG00000174891.12	9.940	4.750	0.928	1.01e-26

IP6K1	ENSG00000176095.11	9.530	4.535	0.928	2.66e-36
CD200	ENSG00000091972.18	1.300	0.210	0.927	2.27e-30
POLRMT	ENSG00000099821.13	56.751	29.380	0.927	4.83e-36
OAS3	ENSG00000111331.12	3.850	1.550	0.927	5.88e-9
IKBKGP1	ENSG00000275882.1	1.300	0.210	0.927	2.12e-16
PYCRL	ENSG00000104524.13	10.770	5.195	0.926	1.06e-32
TMPO	ENSG00000120802.13	18.860	9.450	0.926	1.49e-21
MAD2L1BP	ENSG00000124688.13	16.330	8.120	0.926	1.45e-39
PLXNC1	ENSG00000136040.8	1.840	0.495	0.926	1.26e-20
AGRN	ENSG00000188157.13	23.489	11.895	0.925	2.93e-20
CAMLG	ENSG00000164615.4	21.840	11.030	0.925	2.57e-54
SEMA5B	ENSG00000082684.14	1.450	0.290	0.925	2.02e-38
ORC6	ENSG00000091651.8	1.420	0.275	0.925	2.71e-28
SMAD2	ENSG00000175387.15	15.300	7.585	0.925	6.59e-20
SNORD3A	ENSG00000263934.4	131.734	68.921	0.925	1.42e-8
COL5A2	ENSG00000204262.11	4.910	2.115	0.924	2.66e-12
SH3KBP1	ENSG00000147010.17	7.330	3.390	0.924	8.26e-20
PWWP2B	ENSG00000171813.13	4.530	1.915	0.924	1.94e-18
GADD45GIP1	ENSG00000179271.2	37.699	19.390	0.924	1.95e-38
TLE1P1	ENSG00000228158.2	2.680	0.940	0.924	5.35e-21
HLTF	ENSG00000071794.15	6.260	2.830	0.923	1.03e-19
IGSF3	ENSG00000143061.17	1.180	0.150	0.923	5.72e-24
INCENP	ENSG00000149503.12	3.190	1.210	0.923	3.53e-21
YWHAB	ENSG00000166913.12	51.282	26.573	0.923	2.49e-36
NAGA	ENSG00000198951.11	18.400	9.235	0.923	2.76e-14
EIF3C	ENSG00000184110.14	279.518	147.027	0.922	2.65e-34
SNRPA	ENSG00000077312.8	32.901	16.895	0.922	1.07e-45
MRPL22	ENSG00000082515.16	48.260	24.990	0.922	2.00e-60
TTLL1	ENSG00000100271.16	2.240	0.710	0.922	5.06e-42
ITPK1	ENSG00000100605.16	32.590	16.730	0.922	1.05e-26
RNF20	ENSG00000155827.11	8.030	3.765	0.922	1.21e-29
PSMG4	ENSG00000180822.11	21.091	10.660	0.922	4.96e-42
C19orf70	ENSG00000174917.8	67.648	35.255	0.921	1.24e-45
CERS2	ENSG00000143418.19	433.202	228.246	0.921	1.47e-18
EIF2B2	ENSG00000119718.10	22.181	11.245	0.921	4.41e-31
VPS29	ENSG00000111237.18	79.197	41.364	0.921	1.64e-44
TPRKB	ENSG00000144034.14	23.150	11.755	0.921	9.01e-47
PRAF2	ENSG00000243279.3	8.740	4.145	0.921	6.04e-30
CLTC	ENSG00000141367.11	94.228	49.326	0.920	2.08e-44
CREG1	ENSG00000143162.7	122.674	64.384	0.920	5.19e-12
IFT27	ENSG00000100360.14	20.831	10.540	0.920	8.88e-38
NDRG1	ENSG00000104419.14	56.751	29.530	0.920	1.21e-11
PAK1IP1	ENSG00000111845.4	8.290	3.910	0.920	5.44e-23
MRPS28	ENSG00000147586.9	68.702	35.834	0.920	2.16e-38
RP11-746M1.1	ENSG00000263986.1	16.511	8.255	0.920	7.78e-19
RP11-298I3.5	ENSG00000259132.1	7.260	3.370	0.919	1.35e-18
C2orf76	ENSG00000186132.14	7.060	3.265	0.918	4.67e-52
CH507-513H4.5	ENSG00000281383.1	2.410	0.805	0.918	2.97e-7
DPH3	ENSG00000154813.9	10.330	4.995	0.918	2.51e-37
OAS2	ENSG00000111335.12	5.300	2.335	0.918	2.45e-5

RTN3	ENSG00000133318.13	52.250	27.176	0.918	1.48e-41
SSSCA1	ENSG00000173465.7	36.839	19.020	0.918	1.64e-50
USMG5	ENSG00000173915.12	366.583	193.541	0.918	1.66e-41
TP53I11	ENSG00000175274.18	8.610	4.085	0.918	1.12e-15
RP11-761N21.2	ENSG00000234287.1	9.750	4.690	0.918	7.07e-18
CMTM3	ENSG00000140931.19	6.770	3.115	0.917	3.58e-16
ERH	ENSG00000100632.10	79.000	41.379	0.917	6.94e-48
KLHL12	ENSG00000117153.15	11.370	5.550	0.917	2.82e-43
LPGAT1	ENSG00000123684.12	20.201	10.225	0.917	1.23e-18
LOXL1	ENSG00000129038.15	3.540	1.405	0.917	1.19e-7
VOPP1	ENSG00000154978.12	17.990	9.055	0.917	1.19e-29
PPP1CC	ENSG00000186298.11	35.060	18.095	0.917	3.99e-35
TMEM161A	ENSG00000064545.14	32.990	17.020	0.916	4.99e-49
SERPIN6	ENSG00000124570.17	44.860	23.305	0.916	2.32e-32
P2RX4	ENSG00000135124.14	15.940	7.975	0.916	9.95e-20
SDCBP	ENSG00000137575.11	64.008	33.445	0.916	3.72e-20
RP11-466H18.1	ENSG00000244398.1	185.425	97.822	0.916	1.00e-17
BCL6B	ENSG00000161940.10	2.960	1.100	0.915	2.97e-27
WDR70	ENSG00000082068.8	14.140	7.030	0.915	1.51e-53
SEMA7A	ENSG00000138623.9	2.290	0.745	0.915	2.03e-17
PSMB8	ENSG00000204264.8	84.858	44.535	0.915	1.06e-13
TMEM189	ENSG00000240849.10	18.670	9.435	0.915	1.87e-27
PCGF2	ENSG00000277258.4	8.730	4.160	0.915	9.12e-22
BLOC1S3	ENSG00000189114.6	5.490	2.445	0.914	2.18e-46
XYLT2	ENSG0000015532.9	8.780	4.190	0.914	8.22e-43
ERMP1	ENSG00000099219.13	5.030	2.200	0.914	6.30e-24
PPARG	ENSG00000132170.19	9.080	4.350	0.914	1.43e-22
RNPEP	ENSG00000176393.10	32.590	16.830	0.914	1.16e-37
MAPK12	ENSG00000188130.13	3.080	1.165	0.914	1.45e-17
ABT1	ENSG00000146109.4	10.540	5.130	0.913	3.81e-43
CCT2	ENSG00000166226.12	49.319	25.714	0.913	3.35e-40
MAPK8IP2	ENSG00000008735.13	1.260	0.200	0.913	4.64e-24
RNF8	ENSG00000112130.16	7.670	3.605	0.913	4.43e-34
TMEM115	ENSG00000126062.3	25.141	12.885	0.913	8.14e-61
PEX2	ENSG00000164751.14	23.410	11.965	0.913	1.43e-23
CXADR	ENSG00000154639.18	12.360	6.100	0.912	3.47e-16
DNLZ	ENSG00000213221.4	10.950	5.350	0.912	8.71e-32
YEATS4	ENSG00000127337.6	7.580	3.560	0.912	3.36e-27
AHCTF1	ENSG00000153207.14	10.930	5.345	0.911	2.13e-22
TRMT6	ENSG00000089195.14	5.310	2.355	0.911	2.37e-33
TRIOBP	ENSG00000100106.19	16.470	8.290	0.911	1.11e-14
SLC1A4	ENSG00000115902.10	6.230	2.845	0.911	5.35e-18
SLC39A6	ENSG00000141424.12	7.180	3.350	0.911	2.12e-18
RPL9	ENSG00000163682.15	721.021	382.932	0.911	5.04e-28
RP11-693N9.2	ENSG00000235505.7	3.100	1.180	0.911	1.25e-29
HIST2H4B	ENSG00000270276.2	3.720	1.510	0.911	2.02e-21
C11orf74	ENSG00000166352.15	11.840	5.835	0.910	1.53e-41
GLRX3	ENSG00000108010.11	35.750	18.560	0.910	4.81e-40
EDF1	ENSG00000107223.12	529.467	281.501	0.909	4.04e-46
EIF1	ENSG00000173812.10	616.432	327.714	0.909	2.13e-41

RP11-396C23.2	ENSG00000225518.2	1.140	0.140	0.909	2.10e-32
RPS3	ENSG00000149273.14	851.226	453.323	0.908	2.28e-32
ATXN10	ENSG00000130638.15	62.691	32.965	0.907	2.29e-27
FXR1	ENSG00000114416.17	40.861	21.324	0.907	5.68e-31
PAIP2	ENSG00000120727.12	55.291	29.030	0.907	1.54e-36
RSU1	ENSG00000148484.17	21.780	11.150	0.907	1.96e-18
PFDN1	ENSG00000113068.9	23.410	12.025	0.906	5.22e-42
ITPA	ENSG00000125877.12	41.020	21.430	0.906	1.43e-37
CCT8	ENSG00000156261.12	61.712	32.491	0.905	1.62e-39
TSR3	ENSG00000007520.3	44.151	23.105	0.905	6.50e-49
NFKB2	ENSG00000077150.17	19.960	10.195	0.905	3.31e-24
MRPL10	ENSG00000159111.12	22.730	11.675	0.905	3.15e-39
TRAPPC9	ENSG00000167632.14	10.420	5.100	0.905	4.14e-38
RAC1P2	ENSG00000249936.3	3.530	1.420	0.905	1.72e-17
C11orf84	ENSG00000168005.8	3.950	1.645	0.904	3.41e-22
COA4	ENSG00000181924.6	77.123	40.745	0.904	3.01e-54
NOP16	ENSG00000048162.19	22.420	11.515	0.904	6.70e-27
POLR2F	ENSG00000100142.14	110.438	58.559	0.904	2.63e-43
PPIL1	ENSG00000137168.7	16.060	8.115	0.904	1.30e-26
SRPRB	ENSG00000144867.11	43.761	22.925	0.904	2.30e-29
RIC8A	ENSG00000177963.12	33.871	17.640	0.904	6.11e-40
ARPC4	ENSG00000241553.12	58.740	30.944	0.903	1.19e-34
ATP8B1	ENSG00000081923.10	5.730	2.600	0.903	2.92e-17
CCDC47	ENSG00000108588.13	47.491	24.929	0.903	6.80e-22
GNAS	ENSG00000087460.23	360.835	192.464	0.903	1.47e-22
SRM	ENSG00000116649.9	50.691	26.635	0.903	1.44e-25
RNPEPL1	ENSG00000142327.11	48.452	25.445	0.903	8.62e-36
HES6	ENSG00000144485.10	5.350	2.395	0.903	8.73e-29
HPRT1	ENSG00000165704.14	19.231	9.815	0.903	2.38e-18
EEF2	ENSG00000167658.15	593.497	317.221	0.902	8.57e-36
MRPS24	ENSG00000062582.13	132.761	70.575	0.902	1.75e-52
RP11-101E13.5	ENSG00000272579.1	21.130	10.840	0.902	4.70e-37
ACVRL1	ENSG00000139567.12	3.660	1.495	0.901	1.46e-31
CD59	ENSG00000085063.14	141.916	75.535	0.901	1.86e-19
COMMD2	ENSG00000114744.8	7.570	3.590	0.901	1.53e-22
DROSHA	ENSG00000113360.16	21.510	11.055	0.901	2.14e-41
EFNA3	ENSG00000143590.13	2.090	0.655	0.901	9.79e-15
PSMD8	ENSG00000099341.11	107.992	57.384	0.901	1.21e-45
LRRC59	ENSG00000108829.9	46.859	24.625	0.901	3.89e-25
UBE2SP1	ENSG00000233966.1	1.120	0.135	0.901	1.07e-34
MIF	ENSG00000240972.1	421.707	225.369	0.901	1.40e-15
NOL12	ENSG00000273899.4	11.760	5.835	0.901	2.14e-45
B4GALT3	ENSG00000158850.14	20.510	10.525	0.900	7.69e-31
ERLEC1	ENSG00000068912.13	25.141	13.005	0.900	1.34e-26
TOMM5	ENSG00000175768.12	60.229	31.824	0.899	2.80e-33
ABHD14A	ENSG00000248487.8	21.869	11.275	0.898	2.63e-44
AC010168.1	ENSG00000281457.1	23.190	11.980	0.898	4.07e-3
C1orf56	ENSG00000143443.9	7.460	3.540	0.898	3.17e-33
NSF	ENSG00000073969.18	9.770	4.780	0.898	1.68e-25
RHEB	ENSG00000106615.9	61.371	32.459	0.898	3.78e-28

OASL	ENSG00000135114.12	6.630	3.095	0.898	3.04e-6
PARL	ENSG00000175193.12	39.749	20.870	0.898	7.67e-50
AP000275.65	ENSG00000265590.9	1.840	0.525	0.897	8.92e-12
SLC1A5	ENSG00000105281.12	6.450	3.000	0.897	7.48e-11
YWHAQ	ENSG00000134308.13	62.068	32.875	0.897	7.54e-20
FDXR	ENSG00000161513.11	14.470	7.310	0.897	6.96e-21
PLCB1	ENSG00000182621.16	2.510	0.885	0.897	1.46e-17
CCNF	ENSG00000162063.12	1.550	0.370	0.896	6.29e-36
CD93	ENSG00000125810.9	4.460	1.935	0.896	3.77e-18
ANXA9	ENSG00000143412.9	19.580	10.070	0.895	1.02e-18
ATF6B	ENSG00000213676.10	32.719	17.135	0.895	1.63e-21
CENPB	ENSG00000125817.7	29.421	15.355	0.895	5.42e-47
ZDHH12	ENSG00000160446.18	37.569	19.745	0.895	1.14e-39
GHDC	ENSG00000167925.15	16.170	8.230	0.895	1.12e-29
KIF18B	ENSG00000186185.13	0.990	0.070	0.895	1.11e-28
MRPS18A	ENSG00000096080.11	47.609	25.155	0.894	3.99e-49
PPM1F	ENSG00000100034.13	5.540	2.520	0.894	1.28e-33
POLE2	ENSG00000100479.12	3.580	1.465	0.894	9.65e-25
RAB11A	ENSG00000103769.9	74.879	39.835	0.894	7.92e-39
MRPS14	ENSG00000120333.4	20.800	10.735	0.894	1.53e-45
ANXA5	ENSG00000164111.14	100.670	53.761	0.893	7.19e-8
C20orf24	ENSG00000101084.16	116.121	62.064	0.893	8.32e-28
NUP133	ENSG00000069248.11	8.790	4.270	0.893	9.10e-44
HDGF	ENSG00000143321.18	181.345	97.160	0.893	5.15e-40
RP11-423H2.1	ENSG00000170089.15	14.000	7.080	0.893	4.23e-24
NUDCD1	ENSG00000120526.10	4.810	2.130	0.892	1.80e-29
RPL17	ENSG00000265681.6	976.583	525.646	0.892	1.94e-31
TUBA4A	ENSG00000127824.13	32.669	17.160	0.891	3.86e-10
RP11-337C18.10	ENSG00000273071.1	1.040	0.100	0.891	1.33e-32
BRAT1	ENSG00000106009.15	19.000	9.790	0.890	1.15e-45
ENO1	ENSG00000074800.13	415.123	223.541	0.890	1.07e-18
PLIN3	ENSG00000105355.8	17.720	9.100	0.890	6.32e-17
SLU7	ENSG00000164609.9	16.530	8.460	0.890	2.31e-42
MFF	ENSG00000168958.19	39.409	20.810	0.890	3.46e-41
CEP41	ENSG00000106477.18	2.880	1.095	0.889	1.76e-29
H3F3B	ENSG00000132475.8	342.960	184.777	0.889	1.56e-20
TAF6	ENSG00000106290.14	16.530	8.470	0.888	8.63e-30
RP11-178L8.8	ENSG00000270082.1	0.850	0.000	0.888	2.09e-10
CCNG1	ENSG00000113328.18	65.780	35.108	0.887	4.83e-34
DDX59	ENSG00000118197.13	11.990	6.025	0.887	1.42e-31
FAF1	ENSG00000185104.19	25.080	13.105	0.887	1.33e-38
BLM	ENSG00000197299.10	1.310	0.250	0.886	2.63e-35
KIF9	ENSG00000088727.12	4.960	2.225	0.886	4.29e-34
PTK7	ENSG00000112655.15	2.040	0.645	0.886	2.53e-15
RPL7AP30	ENSG00000241741.1	1.910	0.575	0.886	2.67e-40
ZNHIT3	ENSG00000273611.4	25.701	13.450	0.886	8.81e-52
C11orf58	ENSG00000110696.9	68.602	36.694	0.885	8.65e-15
SMARCB1	ENSG00000099956.17	29.240	15.375	0.885	3.36e-30
MVB12A	ENSG00000141971.12	32.219	16.990	0.885	5.30e-28
TBC1D31	ENSG00000156787.16	2.140	0.700	0.885	1.28e-46

NACC1	ENSG00000160877.5	12.280	6.190	0.885	4.54e-26
OCLN	ENSG00000197822.10	13.680	6.950	0.885	3.20e-10
CIART	ENSG00000159208.15	5.800	2.685	0.884	1.34e-11
CPNE3	ENSG00000085719.11	17.220	8.875	0.884	1.31e-20
RBX1	ENSG00000100387.8	32.599	17.200	0.884	9.54e-49
HINT1	ENSG00000169567.11	430.001	232.509	0.884	3.41e-41
AS3MT	ENSG00000214435.7	27.410	14.400	0.883	2.48e-10
ATF6	ENSG00000118217.5	9.930	4.925	0.883	3.55e-23
BABAM1	ENSG00000105393.15	51.460	27.455	0.883	3.30e-56
CAPZB	ENSG00000077549.17	115.207	61.991	0.883	5.03e-36
SMC3	ENSG00000108055.9	9.020	4.435	0.883	5.14e-16
C6orf62	ENSG00000112308.12	40.330	21.420	0.882	8.04e-21
MFGE8	ENSG00000140545.14	12.640	6.400	0.882	2.65e-10
PHYHIPL	ENSG00000165443.11	2.050	0.655	0.882	1.23e-16
TRMT12	ENSG00000183665.5	4.380	1.920	0.882	3.25e-41
SPATS2L	ENSG00000196141.12	62.370	33.380	0.882	4.10e-23
ZNF517	ENSG00000197363.9	4.990	2.250	0.882	7.14e-34
RP11-408P14.1	ENSG00000243199.1	4.380	1.920	0.882	3.09e-36
CTNNB1	ENSG00000168036.16	59.490	31.845	0.881	5.05e-15
DDX27	ENSG00000124228.14	15.850	8.150	0.881	1.53e-37
LARP1	ENSG00000155506.16	25.181	13.215	0.881	2.57e-24
ZFAND3	ENSG00000156639.11	36.191	19.190	0.881	8.19e-13
MTMR14	ENSG00000163719.18	20.230	10.525	0.881	5.45e-64
YWHAG	ENSG00000170027.6	36.171	19.180	0.881	1.17e-21
CYYR1	ENSG00000166265.11	2.460	0.880	0.880	8.49e-24
PLA2G7	ENSG00000146070.16	2.010	0.635	0.880	1.89e-15
ISCA2	ENSG00000165898.13	16.270	8.385	0.880	1.85e-42
RPL10P3	ENSG00000230734.1	0.840	0.000	0.880	4.01e-30
GLRX2	ENSG00000023572.8	17.800	9.220	0.879	5.69e-32
PSMA7	ENSG00000101182.14	181.282	98.093	0.879	1.39e-42
MSH6	ENSG00000116062.14	10.390	5.195	0.879	1.35e-25
KIF11	ENSG00000138160.5	1.170	0.180	0.879	7.78e-35
UNC45A	ENSG00000140553.16	22.389	11.720	0.879	2.72e-40
TXNL4A	ENSG00000141759.14	76.909	41.356	0.879	1.14e-43
FRZB	ENSG00000162998.4	1.850	0.550	0.879	1.50e-14
NME6	ENSG00000172113.8	10.190	5.085	0.879	1.21e-40
PARD6G	ENSG00000178184.15	2.880	1.110	0.879	7.10e-30
ADA	ENSG00000196839.12	4.420	1.950	0.878	2.17e-23
CBX2	ENSG00000173894.10	1.150	0.170	0.878	6.99e-32
CDC5L	ENSG00000096401.7	7.610	3.685	0.878	1.43e-25
EGLN2	ENSG00000269858.5	48.321	25.845	0.878	1.22e-35
GNPDA1	ENSG00000113552.15	10.220	5.105	0.878	4.43e-27
TSPAN33	ENSG00000158457.5	32.430	17.190	0.878	4.23e-18
TRPV2	ENSG00000187688.14	5.460	2.515	0.878	2.01e-17
ZMYM6NB	ENSG00000243749.1	23.769	12.475	0.878	1.22e-22
CDC23	ENSG00000094880.10	9.860	4.915	0.877	1.29e-30
SKAP2	ENSG00000005020.12	4.400	1.940	0.877	4.68e-12
MRPL28	ENSG00000086504.15	63.500	34.114	0.877	3.65e-43
ERCC2	ENSG00000104884.14	11.330	5.715	0.877	2.02e-34
TSACC	ENSG00000163467.11	2.030	0.650	0.877	2.25e-35

FAM69B	ENSG00000165716.9	6.860	3.280	0.877	2.27e-13
NDUFAB3	ENSG00000178057.14	84.571	45.594	0.877	9.97e-49
ANO6	ENSG00000177119.15	17.800	9.245	0.876	7.39e-11
USE1	ENSG00000053501.12	33.871	18.005	0.876	2.15e-44
PHF5A	ENSG00000100410.7	19.790	10.325	0.876	9.24e-33
PFDN5	ENSG00000123349.13	394.969	214.710	0.876	5.28e-52
UXT	ENSG00000126756.11	107.649	58.185	0.876	1.83e-52
SLC39A4	ENSG00000147804.9	12.630	6.425	0.876	2.36e-5
MR1	ENSG00000153029.14	5.560	2.575	0.876	8.99e-18
KRT8	ENSG00000170421.11	425.259	231.328	0.876	3.68e-12
VSIG10	ENSG00000176834.13	13.800	7.065	0.876	4.34e-31
TMSB4X	ENSG00000205542.10	1.144.418	622.939	0.876	5.33e-15
AIP	ENSG00000110711.9	41.400	22.120	0.875	8.70e-47
MAPKAP1	ENSG00000119487.16	41.369	22.095	0.875	5.66e-44
SMAGP	ENSG00000170545.16	7.200	3.470	0.875	1.14e-18
PDZK1	ENSG00000174827.13	74.511	40.164	0.875	7.72e-13
RP11-452G18.2	ENSG00000197149.5	2.540	0.930	0.875	1.37e-21
RP11-1094M14.11	ENSG00000267321.1	3.420	1.410	0.875	9.28e-36
CTD-3074O7.5	ENSG00000255517.6	3.280	1.335	0.874	3.13e-33
SLC25A5	ENSG00000005022.5	254.813	138.572	0.874	1.21e-24
LGALS1	ENSG00000100097.11	200.978	109.235	0.874	2.35e-18
SEC11A	ENSG00000140612.13	85.508	46.195	0.874	2.19e-39
HSF1	ENSG00000185122.10	42.361	22.663	0.874	1.56e-35
CDKAL1	ENSG00000145996.11	3.800	1.620	0.873	9.62e-37
PRPF31	ENSG00000105618.13	33.210	17.675	0.873	2.17e-54
ZSCAN2	ENSG00000176371.13	5.750	2.685	0.873	1.03e-45
HIST2H2AA3	ENSG00000203812.2	50.611	27.185	0.873	3.26e-10
CDC42	ENSG00000070831.15	72.058	38.929	0.872	1.94e-26
MED27	ENSG00000160563.13	7.520	3.655	0.872	1.15e-43
GPATCH3	ENSG00000198746.12	8.270	4.065	0.872	1.96e-42
RP11-334C17.6	ENSG00000275479.1	0.830	0.000	0.872	4.75e-11
ARL2BP	ENSG00000102931.7	17.390	9.055	0.871	3.54e-22
C1orf112	ENSG00000000460.16	2.730	1.040	0.871	7.20e-27
CDC42EP5	ENSG00000167617.2	3.930	1.695	0.871	1.44e-16
MAP7D1	ENSG00000116871.15	15.720	8.140	0.871	2.13e-23
PIEZO2	ENSG00000154864.11	3.590	1.510	0.871	2.61e-16
CD58	ENSG00000116815.15	6.010	2.835	0.870	4.32e-27
TYROBP	ENSG00000011600.11	61.430	33.153	0.870	3.85e-6
TRIM26	ENSG00000234127.8	29.130	15.490	0.870	2.21e-20
PCIF1	ENSG00000100982.11	15.120	7.825	0.869	3.04e-48
NUP155	ENSG00000113569.15	4.460	1.990	0.869	2.20e-41
RPL7A	ENSG00000148303.16	986.379	539.600	0.869	5.53e-33
HNRNPC	ENSG00000092199.17	240.417	131.256	0.868	2.99e-49
TBL2	ENSG00000106638.15	15.670	8.135	0.868	7.83e-30
SGOL1	ENSG00000129810.14	1.080	0.140	0.868	1.56e-35
XRCC4	ENSG00000152422.15	3.280	1.345	0.868	2.54e-35
ABCF1	ENSG00000204574.12	27.300	14.515	0.867	4.04e-33
CYHR1	ENSG00000187954.12	39.510	21.205	0.867	5.64e-37
NCL	ENSG00000115053.15	138.601	75.543	0.867	6.03e-21
WRNIP1	ENSG00000124535.15	24.620	13.050	0.867	5.44e-31

RHOG	ENSG00000177105.9	28.699	15.280	0.867	3.51e-34
GTF2H2B	ENSG00000226259.10	6.740	3.245	0.867	1.76e-24
ANP32B	ENSG00000136938.8	62.491	33.845	0.866	2.97e-32
C1QC	ENSG00000159189.11	53.899	29.121	0.866	2.40e-7
RAB5C	ENSG00000108774.14	73.669	39.968	0.866	1.40e-16
RHBDF2	ENSG00000129667.12	7.450	3.635	0.866	2.90e-16
LRRC75A-AS1	ENSG00000175061.17	211.702	115.691	0.866	3.96e-16
SLX1B	ENSG00000181625.17	15.770	8.200	0.866	2.00e-6
RP4-738P15.6	ENSG00000279322.1	10.680	5.410	0.866	9.63e-9
AGTRAP	ENSG00000177674.15	19.460	10.230	0.865	6.71e-21
COMMD1	ENSG00000173163.10	33.109	17.730	0.865	7.72e-53
DAG1	ENSG00000173402.11	25.630	13.620	0.865	9.65e-19
EIF3I	ENSG00000084623.11	100.907	54.970	0.865	4.00e-38
RASA4	ENSG00000105808.17	4.790	2.180	0.865	6.18e-17
SERPINE2	ENSG00000135919.12	5.630	2.640	0.865	8.78e-7
PLXDC1	ENSG00000161381.13	1.850	0.565	0.865	5.36e-24
SH3PXD2B	ENSG00000174705.11	2.370	0.850	0.865	1.25e-29
TRAPPC5	ENSG00000181029.8	78.940	42.890	0.865	3.48e-39
TAPBP	ENSG00000231925.11	76.351	41.465	0.865	2.50e-29
EIF4EBP3	ENSG00000243056.1	36.661	19.695	0.864	5.86e-22
MAP2K2	ENSG00000126934.13	88.560	48.215	0.864	3.24e-41
MAL2	ENSG00000147676.13	21.341	11.275	0.864	2.04e-6
MRPL52	ENSG00000172590.18	113.661	61.980	0.864	1.49e-45
PPA1	ENSG00000180817.11	96.448	52.545	0.864	1.32e-18
MRPL30	ENSG00000185414.19	14.900	7.735	0.864	3.88e-47
AZIN1	ENSG00000155096.13	30.651	16.404	0.863	4.69e-12
CSTA	ENSG00000121552.3	17.270	9.044	0.863	3.60e-3
DDX60	ENSG00000137628.16	4.900	2.245	0.863	6.31e-6
GTSE1	ENSG00000075218.18	1.100	0.155	0.863	1.66e-28
H2AFY2	ENSG00000099284.13	4.630	2.095	0.863	1.94e-7
SF3A1	ENSG00000099995.18	20.081	10.590	0.863	1.99e-11
ST13	ENSG00000100380.12	158.935	86.927	0.863	3.96e-13
RASSF4	ENSG00000107551.20	18.720	9.840	0.863	2.00e-15
NDUFB3	ENSG00000119013.8	74.320	40.415	0.863	8.42e-47
IDO1	ENSG00000131203.12	1.210	0.215	0.863	1.92e-16
PITPNC1	ENSG00000154217.14	9.750	4.910	0.863	9.31e-16
KISS1	ENSG00000170498.8	2.930	1.160	0.863	3.83e-18
SLC38A9	ENSG00000177058.11	8.520	4.235	0.863	1.17e-27
ABCC4	ENSG00000125257.13	1.490	0.370	0.862	6.69e-17
ABHD4	ENSG00000100439.10	15.190	7.910	0.862	1.62e-30
CYB561D2	ENSG00000114395.10	22.430	11.890	0.862	8.84e-36
DDR1	ENSG00000204580.11	5.470	2.560	0.862	2.41e-7
DNAAF5	ENSG00000164818.15	7.600	3.730	0.862	2.82e-25
STK24	ENSG00000102572.14	22.781	12.085	0.862	4.34e-22
GUK1	ENSG00000143774.16	253.035	138.745	0.862	2.09e-41
RP11-798K3.2	ENSG00000259347.5	17.629	9.250	0.862	7.26e-9
TIGD5	ENSG00000179886.5	2.260	0.795	0.861	2.48e-46
OGFOD3	ENSG00000181396.12	19.030	10.030	0.861	3.36e-41
GNL1	ENSG00000204590.12	27.261	14.555	0.861	4.53e-37
RPS7P11	ENSG00000213326.4	2.160	0.740	0.861	8.83e-34

RP11-543P15.1	ENSG00000227081.5	8.060	3.989	0.861	9.51e-13
SLC25A43	ENSG00000077713.18	6.450	3.105	0.860	5.86e-19
PDRG1	ENSG00000088356.5	9.380	4.720	0.860	1.29e-40
FAM110A	ENSG00000125898.12	3.120	1.270	0.860	1.34e-27
FCGR1A	ENSG00000150337.13	3.120	1.270	0.860	9.38e-10
FKBP2	ENSG00000173486.12	178.650	97.954	0.860	2.15e-37
MZT1	ENSG00000204899.5	3.420	1.435	0.860	1.12e-37
TCTEX1D2	ENSG00000213123.10	2.920	1.160	0.860	6.35e-25
CXorf56	ENSG00000018610.13	6.780	3.290	0.859	5.79e-26
MED25	ENSG00000104973.14	15.720	8.215	0.859	1.44e-43
LENG1	ENSG00000105617.3	6.900	3.355	0.859	1.12e-53
STC2	ENSG00000113739.10	1.050	0.130	0.859	9.48e-20
RPL22	ENSG00000116251.9	247.690	136.102	0.859	1.41e-26
HDDC3	ENSG00000184508.10	18.060	9.505	0.859	6.71e-40
RALY-AS1	ENSG00000228265.5	3.180	1.305	0.859	1.72e-44
ACTR2	ENSG00000138071.13	33.791	18.200	0.858	8.87e-15
BUB3	ENSG00000154473.17	25.950	13.865	0.858	3.02e-32
DNAJC14	ENSG00000135392.15	9.360	4.715	0.858	1.03e-9
TPD52	ENSG00000076554.15	23.630	12.590	0.858	1.14e-14
MAGOH	ENSG00000162385.10	42.270	22.870	0.858	4.18e-45
BIRC3	ENSG00000023445.13	7.430	3.654	0.857	5.61e-6
PPP1R16A	ENSG00000160972.9	111.770	61.266	0.857	4.12e-26
PRELID1	ENSG00000169230.9	141.699	77.775	0.857	4.81e-47
SSNA1	ENSG00000176101.11	54.108	29.435	0.857	2.45e-42
RAD54L	ENSG00000085999.11	1.100	0.160	0.856	2.55e-34
PQBP1	ENSG00000102103.15	63.420	34.600	0.856	2.33e-46
LLPH	ENSG00000139233.6	13.140	6.810	0.856	3.23e-37
MGST3	ENSG00000143198.12	123.339	67.695	0.856	3.73e-32
FAM72A	ENSG00000196550.10	1.480	0.370	0.856	1.10e-37
HSBP1	ENSG00000230989.6	38.441	20.790	0.856	8.89e-33
CPNE2	ENSG00000140848.16	11.350	5.830	0.855	6.71e-23
KARS	ENSG00000065427.14	49.721	27.050	0.855	1.93e-36
SNTA1	ENSG00000101400.5	11.800	6.075	0.855	3.63e-27
RPL35	ENSG00000136942.14	1.175.288	649.393	0.855	6.21e-28
TIMM23	ENSG00000265354.3	42.399	23.000	0.855	1.09e-39
AC133644.2	ENSG00000280721.1	1.260	0.250	0.854	4.13e-25
CEP350	ENSG00000135837.15	5.950	2.845	0.854	1.45e-34
EIF2S2	ENSG00000125977.6	33.171	17.904	0.854	1.15e-32
NUP93	ENSG00000102900.12	11.560	5.950	0.854	2.09e-32
TIMM17A	ENSG00000134375.10	43.371	23.540	0.854	3.43e-26
ACBD3	ENSG00000182827.8	12.880	6.685	0.853	1.63e-17
CALCRL	ENSG00000064989.12	3.280	1.370	0.853	5.59e-14
CD52	ENSG00000169442.8	19.129	10.145	0.853	4.82e-8
CENPQ	ENSG00000031691.6	2.350	0.855	0.853	8.72e-30
CH507-152C13.1	ENSG00000275895.4	36.460	19.735	0.853	5.51e-25
DKC1	ENSG00000130826.15	15.340	8.045	0.853	3.00e-19
DSCC1	ENSG00000136982.5	1.420	0.340	0.853	1.17e-41
POLR2J	ENSG00000005075.15	71.401	39.075	0.853	8.66e-52
HFE	ENSG00000010704.18	5.920	2.830	0.853	7.67e-9
MTA3	ENSG00000057935.13	10.860	5.565	0.853	4.43e-33

SLC1A3	ENSG00000079215.13	1.710	0.500	0.853	1.36e-16
RP5-864K19.6	ENSG00000274944.4	1.420	0.340	0.853	4.40e-15
CALU	ENSG00000128595.16	27.100	14.565	0.852	3.10e-15
SCGN	ENSG00000079689.13	2.050	0.690	0.852	1.79e-12
PSMD11	ENSG00000108671.9	42.511	23.105	0.852	7.27e-38
MAP4K2	ENSG00000168067.11	6.140	2.955	0.852	5.30e-35
IPO4	ENSG00000196497.15	14.220	7.435	0.852	1.46e-19
RP13-582O9.7	ENSG00000272172.1	1.780	0.540	0.852	3.44e-24
PAGR1	ENSG00000280789.1	19.050	10.110	0.852	4.27e-43
B3GAT3	ENSG00000149541.9	31.070	16.785	0.851	6.53e-31
DEGS1	ENSG00000143753.12	19.800	10.535	0.851	7.34e-21
QPCTL	ENSG00000011478.11	7.440	3.680	0.851	2.22e-32
MTL5	ENSG00000132749.10	1.290	0.270	0.851	6.85e-28
NONO	ENSG00000147140.15	126.403	69.639	0.851	4.71e-27
GPX4	ENSG00000167468.16	555.328	307.394	0.851	1.03e-55
GRB2	ENSG00000177885.13	35.770	19.380	0.851	8.63e-40
ZMPSTE24	ENSG00000084073.8	19.410	10.325	0.850	4.89e-26
SRRD	ENSG00000100104.12	9.730	4.955	0.850	8.86e-36
TFIP11	ENSG00000100109.16	22.441	12.005	0.850	1.25e-39
PIGM	ENSG00000143315.6	4.200	1.885	0.850	2.69e-37
SURF2	ENSG00000148291.9	19.320	10.275	0.850	3.66e-34
RNA5-8S5	ENSG00000275215.1	600.324	332.681	0.850	9.96e-4
RNA5-8S5	ENSG00000277739.1	600.324	332.681	0.850	9.96e-4
RNA5-8S5	ENSG00000278189.1	600.324	332.681	0.850	9.96e-4
RNA5-8S5	ENSG00000278233.1	600.324	332.681	0.850	9.96e-4
LARS	ENSG00000133706.17	21.280	11.370	0.849	3.42e-29
RP11-14N7.2	ENSG00000232527.7	1.900	0.610	0.849	7.29e-18
RP11-792A8.4	ENSG00000272831.1	13.250	6.910	0.849	7.78e-22
NDUFS7	ENSG00000115286.19	125.148	69.103	0.848	1.19e-33
PSMB2	ENSG00000126067.11	56.320	30.850	0.848	7.71e-39
HAT1	ENSG00000128708.12	15.519	8.175	0.848	4.09e-27
MRAP2	ENSG00000135324.5	0.890	0.050	0.848	9.88e-27
POGK	ENSG00000143157.11	6.840	3.355	0.848	2.89e-23
LINC00623	ENSG00000226067.6	6.190	2.995	0.848	7.82e-12
MAPKAPK5-AS1	ENSG00000234608.7	11.900	6.165	0.848	3.87e-43
AMDHD2	ENSG00000162066.14	16.520	8.740	0.847	8.38e-32
CLPTM1	ENSG00000104853.15	101.173	55.799	0.847	7.25e-43
DDB1	ENSG00000167986.13	71.639	39.396	0.847	3.26e-55
GTF2F1	ENSG00000125651.13	23.900	12.844	0.847	3.49e-35
LAMTOR5	ENSG00000134248.13	106.439	58.710	0.847	3.08e-39
GNL2	ENSG00000134697.12	27.191	14.670	0.847	5.46e-36
PDIA3P1	ENSG00000180867.10	4.730	2.185	0.847	1.07e-19
WAC-AS1	ENSG00000254635.5	6.410	3.120	0.847	6.61e-35
RP11-611O2.5	ENSG00000257181.1	2.660	1.035	0.847	8.61e-10
AACS	ENSG00000081760.16	4.160	1.870	0.846	7.64e-20
ARPC2	ENSG00000163466.15	79.898	43.995	0.846	5.14e-25
COMMD6	ENSG00000188243.12	114.713	63.396	0.846	3.20e-26
ECD	ENSG00000122882.10	10.790	5.560	0.846	5.16e-40
TRAPPC6A	ENSG00000007255.10	45.279	24.755	0.846	6.56e-27
TIMM13	ENSG00000099800.7	86.407	47.641	0.846	1.25e-33

GALNT18	ENSG00000110328.5	5.940	2.860	0.846	1.73e-7
FARSB	ENSG00000116120.9	9.060	4.595	0.846	4.58e-34
RHOU	ENSG00000116574.5	17.250	9.150	0.846	5.03e-13
TERF1	ENSG00000147601.13	9.740	4.975	0.846	3.05e-29
ARHGAP11A	ENSG00000198826.10	1.210	0.230	0.845	6.97e-28
BLZF1	ENSG00000117475.13	6.580	3.220	0.845	7.01e-26
RPL18	ENSG00000063177.12	1.058.568	588.826	0.845	2.17e-39
NELFCD	ENSG00000101158.12	44.600	24.390	0.845	4.26e-44
TMEM205	ENSG00000105518.13	259.789	144.191	0.845	8.36e-27
F10	ENSG00000126218.11	130.870	72.428	0.845	7.75e-7
SGCE	ENSG00000127990.15	8.010	4.015	0.845	1.33e-5
GSTM3	ENSG00000134202.10	16.230	8.590	0.845	3.24e-4
NSDHL	ENSG00000147383.10	26.139	14.105	0.845	3.16e-22
NBL1	ENSG00000158747.13	4.040	1.805	0.845	5.49e-12
TMEM223	ENSG00000168569.7	17.280	9.175	0.845	3.73e-50
TMEM106B	ENSG00000106460.18	13.670	7.175	0.844	4.39e-16
MAP2K6	ENSG00000108984.13	3.830	1.690	0.844	2.72e-10
LTA4H	ENSG00000111144.9	25.359	13.680	0.844	1.22e-34
FTSJ2	ENSG00000122687.17	14.500	7.635	0.844	3.56e-43
OCIAD2	ENSG00000145247.11	86.019	47.489	0.844	1.43e-2
ATP6V1G1	ENSG00000136888.6	77.439	42.724	0.843	1.57e-22
ECE2	ENSG00000145194.17	9.140	4.655	0.843	5.07e-37
PRTFDC1	ENSG00000099256.18	1.700	0.505	0.843	5.20e-18
PRKD2	ENSG00000105287.12	19.760	10.570	0.843	3.32e-41
GALK1	ENSG00000108479.11	109.394	60.526	0.843	1.53e-13
NDUFB11	ENSG00000147123.10	104.003	57.555	0.843	3.73e-45
RRP1	ENSG00000160214.12	12.100	6.305	0.843	7.61e-27
SUMO1P3	ENSG00000235082.2	2.310	0.845	0.843	1.41e-13
DDX49	ENSG00000105671.11	34.671	18.900	0.842	4.00e-46
NUP214	ENSG00000126883.16	23.250	12.530	0.842	1.92e-42
LSP1	ENSG00000130592.13	10.610	5.475	0.842	1.28e-10
GPRC5B	ENSG00000167191.11	4.360	1.990	0.842	2.37e-10
LINC01420	ENSG00000204272.10	6.150	2.990	0.842	5.97e-17
TMEM199	ENSG00000244045.10	16.420	8.720	0.842	2.00e-32
RP11-234B24.6	ENSG00000255639.2	4.350	1.985	0.842	3.78e-19
LIX1L	ENSG00000271601.3	7.710	3.860	0.842	2.69e-25
TYRO3	ENSG00000092445.11	2.170	0.770	0.841	5.90e-13
STAMBP	ENSG00000124356.15	18.800	10.055	0.841	2.68e-31
MRPS12	ENSG00000128626.11	45.169	24.780	0.841	5.22e-36
NUPR1	ENSG00000176046.8	240.217	133.675	0.841	3.96e-18
C11orf68	ENSG00000175573.6	19.601	10.505	0.840	3.24e-48
MFSD1	ENSG00000118855.18	26.339	14.270	0.840	1.73e-14
STT3B	ENSG00000163527.9	35.700	19.509	0.840	5.79e-20
ANGPT2	ENSG00000091879.13	1.290	0.280	0.839	5.47e-27
KIAA0100	ENSG00000007202.14	13.920	7.340	0.839	6.00e-13
NDE1	ENSG00000072864.12	3.740	1.650	0.839	1.20e-16
GALNT1	ENSG00000141429.13	19.211	10.295	0.839	8.80e-18
TMBIM4	ENSG00000155957.16	86.882	48.125	0.839	4.46e-33
SPRYD3	ENSG00000167778.8	14.300	7.555	0.839	7.24e-25
ACTG1	ENSG00000184009.9	791.090	442.259	0.838	9.71e-20

AIF1L	ENSG00000126878.12	1.860	0.600	0.838	2.17e-17
ARHGEF3	ENSG00000163947.11	2.610	1.020	0.838	1.24e-16
C7orf73	ENSG00000243317.7	20.910	11.255	0.838	3.83e-45
COPRS	ENSG00000172301.10	49.339	27.160	0.838	7.09e-44
DPH6	ENSG00000134146.11	6.080	2.960	0.838	2.27e-34
EEF1E1	ENSG00000124802.11	11.440	5.960	0.838	4.78e-19
KHDRBS3	ENSG00000131773.13	10.120	5.220	0.838	4.28e-16
LZIC	ENSG00000162441.11	12.300	6.440	0.838	7.76e-31
PAIP1	ENSG00000172239.13	41.291	22.659	0.838	4.33e-44
TXNDC9	ENSG00000115514.11	12.800	6.725	0.837	1.45e-29
FAM45A	ENSG00000119979.15	21.470	11.575	0.837	5.28e-24
PSMG2	ENSG00000128789.20	42.591	23.400	0.837	1.90e-43
SCAMP2	ENSG00000140497.16	37.049	20.295	0.837	2.62e-38
SARNP	ENSG00000205323.8	34.031	18.615	0.837	1.72e-41
DYM	ENSG00000141627.13	13.600	7.180	0.836	7.74e-41
MPND	ENSG00000008382.15	32.969	18.035	0.836	2.25e-32
NXT2	ENSG00000101888.11	4.410	2.030	0.836	9.96e-23
RPP30	ENSG00000148688.13	17.610	9.430	0.835	8.48e-43
USP39	ENSG00000168883.19	18.330	9.834	0.835	4.79e-43
GPS1	ENSG00000169727.12	80.543	44.710	0.835	4.71e-48
DEK	ENSG00000124795.14	23.140	12.540	0.834	1.97e-14
UQCRC1	ENSG00000010256.10	230.943	129.073	0.834	6.94e-42
NUCKS1	ENSG00000069275.12	60.099	33.270	0.834	8.66e-33
STUB1	ENSG00000103266.10	88.168	49.029	0.834	1.46e-46
GPI	ENSG00000105220.14	158.803	88.615	0.834	2.95e-21
SAYSD1	ENSG00000112167.9	7.920	4.005	0.834	1.08e-38
NUP205	ENSG00000155561.14	10.900	5.675	0.834	7.49e-37
RPS29	ENSG00000213741.8	1.966.207	1.102.833	0.834	1.23e-25
UBE2MP1	ENSG00000261461.1	1.050	0.150	0.834	3.62e-44
ATP6AP2	ENSG00000182220.13	48.240	26.634	0.833	1.32e-31
DUSP12	ENSG00000081721.11	8.780	4.490	0.833	1.61e-30
ERCC1	ENSG00000012061.15	37.519	20.624	0.833	6.79e-35
IER3IP1	ENSG00000134049.4	13.090	6.910	0.833	8.59e-43
PWP1	ENSG00000136045.11	17.220	9.230	0.833	5.78e-41
SLC27A3	ENSG00000143554.13	59.301	32.860	0.833	4.34e-12
LBR	ENSG00000143815.14	19.120	10.295	0.833	9.62e-25
UBC	ENSG00000150991.14	692.177	388.144	0.833	2.79e-28
TMED10	ENSG00000170348.8	108.180	60.285	0.833	7.32e-14
NIF3L1	ENSG00000196290.14	11.610	6.080	0.833	1.48e-38
TMEM230	ENSG00000089063.14	93.707	52.200	0.832	1.88e-29
TIMP3	ENSG00000100234.11	27.751	15.155	0.832	2.91e-5
UBL4A	ENSG00000102178.12	18.890	10.175	0.832	2.74e-39
PTPMT1	ENSG00000110536.13	30.149	16.495	0.832	1.71e-41
GAL3ST1	ENSG00000128242.12	3.050	1.275	0.832	3.79e-11
TM4SF18	ENSG00000163762.6	2.230	0.815	0.832	1.26e-17
ZNF16	ENSG00000170631.14	3.440	1.495	0.832	3.21e-44
SMIM15	ENSG00000188725.7	20.250	10.940	0.832	2.09e-17
CCDC51	ENSG00000164051.13	10.100	5.240	0.831	3.37e-35
EIF3B	ENSG00000106263.17	62.660	34.784	0.831	3.91e-34
MVP	ENSG00000013364.18	57.150	31.695	0.831	1.06e-16

NDUFB7	ENSG00000099795.6	243.773	136.584	0.831	4.39e-39
OGDH	ENSG00000105953.14	29.311	16.045	0.831	6.87e-17
ISG20L2	ENSG00000143319.16	11.310	5.920	0.831	3.33e-26
MALL	ENSG00000144063.3	2.630	1.040	0.831	2.49e-18
PTRH1	ENSG00000187024.13	11.830	6.210	0.831	8.57e-31
PIK3R3	ENSG00000117461.14	2.430	0.930	0.830	2.25e-34
INTS1	ENSG00000164880.15	42.709	23.580	0.830	1.42e-40
NDUFB2	ENSG00000090266.12	230.575	129.382	0.829	2.60e-40
ZNF563	ENSG00000188868.13	4.170	1.910	0.829	5.67e-18
B4GALNT1	ENSG00000135454.13	1.130	0.200	0.828	1.01e-21
BECN1	ENSG00000126581.12	30.541	16.770	0.828	2.19e-29
PIGX	ENSG00000163964.13	5.890	2.880	0.828	7.51e-35
SLCO2A1	ENSG00000174640.12	2.310	0.865	0.828	2.02e-9
TMEM184B	ENSG00000198792.12	9.330	4.820	0.828	1.65e-21
RAB34	ENSG00000109113.17	7.570	3.830	0.827	1.34e-11
SLC39A11	ENSG00000133195.11	20.150	10.920	0.827	1.25e-22
RPL13A	ENSG00000142541.16	1.586.244	893.670	0.827	4.37e-33
PTDSS1	ENSG00000156471.12	38.210	21.095	0.827	2.35e-20
RAD23A	ENSG00000179262.9	71.401	39.820	0.827	7.30e-45
ZFP62	ENSG00000196670.13	6.210	3.065	0.827	1.20e-37
FAM207BP	ENSG00000228797.2	1.200	0.240	0.827	3.72e-39
CCDC94	ENSG00000105248.15	15.000	8.025	0.826	3.43e-47
DSTNP2	ENSG00000248593.3	2.900	1.200	0.826	2.21e-29
EMG1	ENSG00000126749.14	17.060	9.185	0.826	1.71e-32
LANCL2	ENSG00000132434.9	8.440	4.325	0.826	7.12e-35
JAZF1	ENSG00000153814.11	6.240	3.085	0.826	1.43e-11
SLC22A11	ENSG00000168065.15	1.180	0.230	0.826	2.86e-13
HIST1H2AE	ENSG00000277075.1	3.290	1.420	0.826	3.86e-14
CTBP1-AS2	ENSG00000196810.4	4.280	1.980	0.825	3.96e-18
FAM213A	ENSG00000122378.13	81.820	45.735	0.825	8.31e-16
RNF113A	ENSG00000125352.5	10.780	5.650	0.825	7.15e-35
PSMD13	ENSG00000185627.17	84.348	47.169	0.825	8.31e-47
DCTN1	ENSG00000204843.12	42.440	23.535	0.824	1.91e-37
TOMM34	ENSG0000025772.7	12.990	6.905	0.824	9.75e-33
GLS	ENSG00000115419.12	6.840	3.430	0.824	4.50e-10
SPHK1	ENSG00000176170.13	2.690	1.085	0.824	1.19e-7
PGP	ENSG00000184207.8	7.260	3.665	0.824	2.01e-35
RP4-545L17.11	ENSG00000276026.1	0.770	0.000	0.824	1.45e-15
C15orf41	ENSG00000186073.11	3.290	1.425	0.823	3.41e-31
DUSP8	ENSG00000184545.10	2.820	1.160	0.823	1.02e-7
EIF4B	ENSG00000063046.17	70.668	39.500	0.823	2.64e-18
MED29	ENSG00000063322.13	19.450	10.560	0.823	6.78e-41
LTBP2	ENSG00000119681.11	2.070	0.735	0.823	3.69e-11
KIF15	ENSG00000163808.16	0.910	0.080	0.823	2.62e-30
PNMA1	ENSG00000176903.4	3.760	1.690	0.823	1.20e-16
TSN	ENSG00000211460.11	19.030	10.320	0.823	2.88e-27
C20orf196	ENSG00000171984.14	2.650	1.065	0.822	4.06e-39
CCDC22	ENSG00000101997.12	9.360	4.860	0.822	4.66e-41
CPSF6	ENSG00000111605.16	13.370	7.130	0.822	7.17e-30
SRI	ENSG00000075142.13	31.919	17.620	0.822	6.49e-9

TCF20	ENSG00000100207.18	6.470	3.225	0.822	2.24e-20
RPTOR	ENSG00000141564.13	6.440	3.210	0.822	5.14e-33
FBXO22	ENSG00000167196.13	17.840	9.660	0.822	9.19e-30
THTPA	ENSG00000259431.5	8.570	4.415	0.822	3.03e-21
AP3S1	ENSG00000177879.14	43.779	24.340	0.821	3.21e-27
SH2D3C	ENSG00000095370.19	3.920	1.785	0.821	3.22e-23
VAPA	ENSG00000101558.13	78.048	43.740	0.821	1.75e-14
NRBP1	ENSG00000115216.13	43.709	24.300	0.821	1.27e-29
PALLD	ENSG00000129116.17	11.370	6.000	0.821	1.00e-8
METTL23	ENSG00000181038.13	31.130	17.185	0.821	1.15e-41
GS1-124K5.4	ENSG00000237310.1	7.420	3.765	0.821	1.40e-25
RPL23AP7	ENSG00000240356.6	2.790	1.145	0.821	1.64e-32
CBX4	ENSG00000141582.14	12.630	6.720	0.820	1.33e-22
CDPF1	ENSG00000205643.10	6.660	3.340	0.820	3.89e-39
CUL2	ENSG00000108094.14	8.240	4.235	0.820	3.11e-16
WIBG	ENSG00000170473.16	30.781	16.999	0.820	6.57e-56
RNF220	ENSG00000187147.17	31.191	17.240	0.820	2.08e-33
EPB41L4A-AS1	ENSG00000224032.6	20.649	11.265	0.820	1.21e-23
CCDC23	ENSG00000177868.11	14.230	7.635	0.819	1.32e-24
NOA1	ENSG00000084092.6	4.610	2.180	0.819	3.78e-31
NKAP	ENSG00000101882.9	5.360	2.605	0.819	3.35e-49
SNX27	ENSG00000143376.12	6.490	3.245	0.819	3.32e-27
ZBTB33	ENSG00000177485.6	6.410	3.200	0.819	1.03e-16
PSAP	ENSG00000197746.13	501.845	284.118	0.819	6.10e-26
CEBPG	ENSG00000153879.8	21.381	11.695	0.818	1.32e-24
CYP51A1	ENSG00000001630.15	52.639	29.435	0.818	2.43e-13
FLNB	ENSG00000136068.14	66.022	37.012	0.818	1.49e-29
RSL24D1	ENSG00000137876.9	26.150	14.400	0.818	1.33e-36
TUFT1	ENSG00000143367.15	4.430	2.080	0.818	5.06e-22
UBAP2L	ENSG00000143569.18	44.860	25.005	0.818	6.35e-30
PTGES2	ENSG00000148334.14	39.530	21.993	0.818	1.73e-35
LPCAT1	ENSG00000153395.9	8.310	4.280	0.818	3.33e-15
SNHG16	ENSG00000163597.14	34.270	19.000	0.818	5.17e-22
TMEM88	ENSG00000167874.6	3.920	1.790	0.818	7.25e-18
MRPL36	ENSG00000171421.12	55.691	31.165	0.818	4.28e-45
RGS19	ENSG00000171700.13	5.170	2.500	0.818	6.04e-19
UTP11L	ENSG00000183520.11	12.070	6.415	0.818	2.08e-27
LAMP1	ENSG00000185896.10	143.697	81.083	0.818	1.81e-19
CDK5RAP2	ENSG00000136861.17	20.770	11.360	0.817	6.89e-35
RP11-289I10.2	ENSG00000223612.3	2.400	0.930	0.817	6.68e-19
PMF1-BGLAP	ENSG00000260238.5	5.520	2.700	0.817	3.57e-29
AC027612.6	ENSG00000143429.9	6.260	3.125	0.816	1.93e-13
ALKBH4	ENSG00000160993.3	6.340	3.170	0.816	7.76e-56
CRIP3	ENSG00000146215.13	7.970	4.095	0.816	2.71e-13
TSTA3	ENSG00000104522.15	71.898	40.415	0.816	3.05e-24
PCDH12	ENSG00000113555.5	2.080	0.750	0.816	7.44e-31
FAM98C	ENSG00000130244.12	12.650	6.755	0.816	4.72e-51
NDUFB5	ENSG00000136521.12	76.717	43.139	0.816	1.53e-43
TPM2	ENSG00000198467.13	23.450	12.890	0.816	2.53e-15
GPN1	ENSG00000198522.13	13.960	7.495	0.816	5.53e-33

HMGN1P36	ENSG00000235734.4	0.760	0.000	0.816	4.94e-25
FAM58A	ENSG00000262919.7	13.300	7.125	0.816	5.58e-44
MAFG-AS1	ENSG00000265688.1	0.990	0.130	0.816	6.60e-30
FDX1L	ENSG00000267673.6	19.260	10.510	0.816	1.92e-41
CHCHD4	ENSG00000163528.12	11.110	5.885	0.815	7.23e-46
EIF2S3	ENSG00000130741.10	41.300	23.045	0.815	8.00e-19
MAP4K4	ENSG00000071054.15	16.919	9.185	0.815	1.38e-18
MRPL18	ENSG00000112110.9	47.771	26.726	0.815	4.03e-28
ICT1	ENSG00000167862.9	38.141	21.245	0.815	4.18e-46
APOM	ENSG00000204444.10	327.011	185.592	0.814	4.24e-2
C4orf48	ENSG00000243449.6	2.560	1.025	0.814	6.07e-11
MYDGF	ENSG00000074842.7	151.817	85.921	0.814	1.05e-29
FUS	ENSG00000089280.18	111.422	62.934	0.814	2.49e-29
URM1	ENSG00000167118.10	29.850	16.550	0.814	1.56e-31
NFU1	ENSG00000169599.12	28.330	15.685	0.814	6.70e-37
ARHGEF2	ENSG00000116584.17	8.100	4.180	0.813	2.61e-16
B2M	ENSG00000166710.17	4.405.835	2.506.571	0.813	4.34e-10
GTPBP4	ENSG00000107937.18	15.690	8.500	0.813	6.49e-18
HNRNPR	ENSG00000125944.18	31.280	17.370	0.813	2.70e-24
TES	ENSG00000135269.17	6.710	3.390	0.813	1.12e-10
APEX2	ENSG00000169188.4	8.060	4.160	0.812	5.23e-33
DHX8	ENSG00000067596.10	12.970	6.955	0.812	1.46e-44
EMID1	ENSG00000186998.15	3.020	1.290	0.812	9.20e-11
ZCCHC17	ENSG00000121766.14	10.680	5.655	0.812	4.73e-36
RBMX2	ENSG00000134597.13	9.730	5.110	0.812	3.34e-37
SNN	ENSG00000184602.5	4.740	2.270	0.812	1.91e-20
RNF5	ENSG00000204308.7	85.153	48.080	0.812	1.09e-32
UBXN2B	ENSG00000215114.7	8.430	4.370	0.812	2.53e-18
PET117	ENSG00000232838.3	8.940	4.660	0.812	2.51e-37
ADRM1	ENSG00000130706.12	87.973	49.705	0.811	5.50e-46
COPG1	ENSG00000181789.14	108.247	61.281	0.811	1.95e-33
VAC14	ENSG00000103043.14	22.670	12.495	0.811	1.56e-35
PPHLN1	ENSG00000134283.17	16.240	8.825	0.811	4.46e-28
MID1IP1	ENSG00000165175.15	32.910	18.325	0.811	2.48e-10
TMEM44-AS1	ENSG00000231770.5	4.700	2.250	0.811	1.81e-22
RP11-486A14.1	ENSG00000257512.1	1.140	0.220	0.811	1.12e-18
COMMD3	ENSG00000148444.15	45.901	25.760	0.810	4.28e-49
DNTTIP2	ENSG00000067334.13	23.540	13.000	0.810	3.17e-34
EIF3FP3	ENSG00000233426.3	3.980	1.840	0.810	1.98e-18
RP11-513I15.6	ENSG00000225339.3	11.320	6.025	0.810	9.67e-28
BTN2A2	ENSG00000124508.16	3.870	1.780	0.809	1.53e-19
NTAN1	ENSG00000157045.8	24.490	13.545	0.809	5.26e-21
TFF3	ENSG00000160180.15	4.430	2.100	0.809	1.14e-5
ALDH18A1	ENSG00000059573.8	15.060	8.175	0.808	1.10e-15
CEBPA-AS1	ENSG00000267296.2	3.570	1.610	0.808	2.17e-22
METTL1	ENSG00000037897.16	17.240	9.415	0.808	1.74e-30
SYF2	ENSG00000117614.9	29.470	16.400	0.808	1.78e-40
SERF2	ENSG00000140264.19	1.083.737	618.593	0.808	4.72e-44
ZNF710	ENSG00000140548.9	4.470	2.125	0.808	3.55e-22
SDHC	ENSG00000143252.14	236.139	134.489	0.808	1.61e-20

THAP8	ENSG00000161277.10	4.560	2.175	0.808	2.45e-40
C14orf119	ENSG00000179933.5	23.750	13.145	0.807	5.04e-27
CSPG4	ENSG00000173546.7	1.170	0.240	0.807	3.98e-33
ERI3	ENSG00000117419.14	30.990	17.280	0.807	1.32e-48
IL2RG	ENSG00000147168.12	7.250	3.715	0.807	2.81e-9
FRG1B	ENSG00000149531.14	4.930	2.390	0.807	2.02e-11
TMEM237	ENSG00000155755.18	2.980	1.275	0.807	5.50e-24
CNP	ENSG00000173786.16	32.030	17.890	0.806	4.14e-27
KEAP1	ENSG00000079999.13	47.821	26.930	0.806	2.60e-51
SPOCK2	ENSG00000107742.12	2.540	1.025	0.806	1.64e-14
LAMTOR1	ENSG00000149357.9	71.600	40.520	0.806	2.17e-41
UBE2Z	ENSG00000159202.17	21.310	11.760	0.806	5.28e-27
PPP1R35	ENSG00000160813.6	20.669	11.395	0.806	6.53e-32
FAM3C2	ENSG00000174028.6	5.600	2.775	0.806	5.80e-5
AC245100.1	ENSG00000280649.1	5.760	2.870	0.805	8.64e-21
ALG12	ENSG00000182858.13	15.240	8.295	0.805	1.90e-11
ARL1	ENSG00000120805.13	28.610	15.945	0.805	8.93e-20
CEP55	ENSG00000138180.15	0.870	0.070	0.805	3.30e-29
PSEN1	ENSG00000080815.18	14.360	7.790	0.805	5.46e-28
ITGB5	ENSG00000082781.11	59.750	33.765	0.805	8.79e-20
TFG	ENSG00000114354.12	76.872	43.560	0.805	5.29e-28
SLC25A19	ENSG00000125454.11	5.760	2.870	0.805	3.49e-30
HSPBP1	ENSG00000133265.10	24.620	13.665	0.805	5.58e-41
SF3B5	ENSG00000169976.6	120.166	68.374	0.805	4.81e-29
SFXN4	ENSG00000183605.16	27.899	15.545	0.805	2.28e-27
ZNF252P	ENSG00000196922.10	6.890	3.515	0.805	8.03e-25
RP11-629N8.5	ENSG00000280320.1	1.620	0.500	0.805	7.62e-10
RRP12	ENSG00000052749.13	8.350	4.355	0.804	1.95e-23
GNB1	ENSG00000078369.17	62.552	35.400	0.804	4.71e-23
RPS12	ENSG00000112306.7	984.603	563.666	0.804	1.07e-21
MED20	ENSG00000124641.14	6.220	3.135	0.804	2.47e-29
TIPARP-AS1	ENSG00000243926.1	4.840	2.345	0.804	6.95e-18
ASF1A	ENSG00000111875.7	6.090	3.065	0.803	6.56e-29
NOB1	ENSG00000141101.12	20.069	11.080	0.803	1.14e-21
TMEM68	ENSG00000167904.14	7.070	3.625	0.803	2.07e-27
SNHG9	ENSG00000255198.4	32.070	17.954	0.803	1.64e-16
RP11-6N17.4	ENSG00000264920.1	10.970	5.860	0.803	4.97e-14
AAR2	ENSG00000131043.11	16.360	8.960	0.802	1.18e-40
ANKRD65	ENSG00000235098.8	1.510	0.440	0.802	3.03e-15
EEF1A1P12	ENSG00000214199.3	0.900	0.090	0.802	4.93e-21
PPCDC	ENSG00000138621.11	8.920	4.690	0.802	9.28e-35
MAPT	ENSG00000186868.15	1.040	0.170	0.802	3.25e-27
BCAT2	ENSG00000105552.14	17.859	9.825	0.801	8.18e-20
C1QL1	ENSG00000131094.3	1.160	0.240	0.801	5.36e-18
LYRM2	ENSG00000083099.10	7.660	3.970	0.801	4.05e-17
PRMT5	ENSG00000100462.15	23.169	12.875	0.801	1.45e-29
SNRPN	ENSG00000128739.20	48.890	27.630	0.801	2.96e-7
F11R	ENSG00000158769.17	45.720	25.808	0.801	1.69e-10
TCEA1P2	ENSG00000230409.3	1.770	0.590	0.801	1.11e-10
CTC-338M12.5	ENSG00000250222.1	1.760	0.585	0.800	4.38e-25

DGCR14	ENSG00000100056.11	7.250	3.740	0.800	3.30e-48
EEF1B2	ENSG00000114942.13	351.479	201.403	0.800	3.72e-25
STAG2	ENSG00000101972.18	9.750	5.175	0.800	2.67e-21
HMGB1P5	ENSG00000132967.9	27.490	15.359	0.800	2.03e-13
IRF2BP2	ENSG00000168264.10	70.702	40.169	0.800	6.29e-14
NDUFA11	ENSG00000174886.12	290.681	166.507	0.800	1.75e-42
RP11-256P1.1	ENSG00000249971.1	3.440	1.550	0.800	2.47e-13
GTF2H5	ENSG00000272047.1	3.840	1.780	0.800	7.85e-48
AQP1	ENSG00000240583.10	18.790	10.371	0.799	6.55e-3
EEF2KMT	ENSG00000118894.14	6.710	3.430	0.799	9.33e-33
SMC2	ENSG00000136824.18	2.010	0.730	0.799	5.12e-23
RPS27A	ENSG00000143947.12	790.487	453.748	0.799	3.56e-30
MZT2B	ENSG00000152082.13	182.012	104.220	0.799	1.54e-33
PPME1	ENSG00000214517.8	11.470	6.165	0.799	9.26e-34
C6orf226	ENSG00000221821.3	10.800	5.785	0.798	2.91e-31
KATNB1	ENSG00000140854.12	7.720	4.015	0.798	6.30e-31
RP11-138C9.1	ENSG00000264558.1	12.290	6.644	0.798	1.78e-13
AP2B1	ENSG00000006125.16	17.970	9.920	0.797	3.79e-19
ATP2C1	ENSG00000017260.19	18.950	10.480	0.797	2.68e-13
IGSF6	ENSG00000140749.8	2.170	0.825	0.797	1.16e-9
HACD2	ENSG00000206527.9	18.800	10.395	0.797	1.47e-12
BAIAP2L2	ENSG00000128298.16	2.560	1.050	0.796	2.64e-16
DGCR2	ENSG00000070413.18	20.750	11.530	0.796	1.94e-27
DYNLT1	ENSG00000146425.10	61.682	35.095	0.796	1.82e-20
EMD	ENSG00000102119.10	48.468	27.500	0.796	3.74e-32
TRIP6	ENSG00000087077.11	42.641	24.130	0.796	2.80e-10
IFIT3	ENSG00000119917.13	9.060	4.795	0.796	1.97e-7
HDHD1	ENSG00000130021.13	6.050	3.060	0.796	1.26e-26
SLC4A1AP	ENSG00000163798.13	10.090	5.385	0.796	4.01e-33
SNRNP35	ENSG00000184209.14	21.989	12.245	0.796	2.91e-46
ZBTB22	ENSG00000236104.2	7.090	3.660	0.796	4.74e-33
RP11-805J14.5	ENSG00000254721.1	6.560	3.355	0.796	1.56e-34
CEBPA	ENSG00000245848.2	84.670	48.389	0.795	3.07e-9
EEF1A1P9	ENSG00000249264.1	0.900	0.095	0.795	2.05e-34
EIF3A	ENSG00000107581.12	30.759	17.304	0.795	7.99e-9
PTPRA	ENSG00000132670.20	12.980	7.065	0.794	1.06e-23
IER5	ENSG00000162783.10	4.550	2.200	0.794	3.47e-20
HEY1	ENSG00000164683.16	2.120	0.800	0.794	2.48e-22
GNG5	ENSG00000174021.10	119.560	68.524	0.794	4.99e-29
SF3A3	ENSG00000183431.11	15.540	8.540	0.794	3.52e-25
CISD1	ENSG00000122873.11	33.800	19.090	0.793	1.04e-22
CKAP2L	ENSG00000169607.12	0.880	0.085	0.793	1.62e-30
EIF1AD	ENSG00000175376.8	11.510	6.220	0.793	1.44e-40
UBE2I	ENSG00000103275.18	32.079	18.090	0.793	1.66e-26
ZDHHC9	ENSG00000188706.12	22.811	12.745	0.793	1.20e-15
AC009005.2	ENSG00000267751.5	1.320	0.340	0.792	1.51e-24
MRPL43	ENSG00000055950.16	69.170	39.531	0.792	2.99e-49
FSCN1	ENSG00000075618.17	9.400	5.005	0.792	5.59e-15
KHSRP	ENSG00000088247.15	62.978	35.955	0.792	2.30e-11
PCBP4	ENSG00000090097.20	13.160	7.180	0.792	1.07e-25

PGD	ENSG00000142657.20	53.511	30.480	0.792	2.07e-15
INO80C	ENSG00000153391.15	14.410	7.900	0.792	1.26e-26
ADAM9	ENSG00000168615.11	6.320	3.230	0.791	1.29e-7
COPS8	ENSG00000198612.10	18.070	10.025	0.791	2.79e-22
GAB2	ENSG00000033327.12	2.460	1.000	0.791	3.42e-17
SNAP29	ENSG00000099940.11	22.751	12.730	0.791	2.19e-41
HIST1H2BJ	ENSG00000124635.8	1.950	0.705	0.791	2.73e-12
RPRD2	ENSG00000163125.15	6.330	3.235	0.791	2.67e-18
SERPINA6	ENSG00000170099.5	292.987	168.896	0.791	1.11e-2
UBE2V1	ENSG00000244687.11	53.260	30.355	0.791	8.66e-48
APOC1	ENSG00000130208.9	13.539.622	7.828.932	0.790	4.21e-3
CENPO	ENSG00000138092.10	2.320	0.920	0.790	1.79e-26
FKBP8	ENSG00000105701.15	156.410	90.036	0.790	2.97e-41
NOL11	ENSG00000130935.9	23.930	13.415	0.790	6.97e-42
SDF2	ENSG00000132581.9	38.799	22.015	0.790	6.09e-42
SLC2A6	ENSG00000160326.13	2.760	1.175	0.790	3.10e-11
RPUSD2	ENSG00000166133.17	6.590	3.390	0.790	3.52e-47
BRI3	ENSG00000164713.9	201.020	115.944	0.789	3.42e-27
COX5A	ENSG00000178741.11	243.115	140.307	0.789	3.92e-38
DAB2	ENSG00000153071.14	8.000	4.210	0.789	4.92e-10
RPL34	ENSG00000109475.16	1.046.313	605.087	0.789	1.63e-24
NARF	ENSG00000141562.17	36.590	20.755	0.789	3.20e-29
NDUFS5	ENSG00000168653.10	265.431	153.228	0.789	1.81e-33
NCKIPSD	ENSG00000213672.7	11.230	6.080	0.789	3.26e-31
RPL23AP2	ENSG00000225067.4	1.220	0.285	0.789	2.32e-30
MINOS1-NBL1	ENSG00000270136.5	2.300	0.910	0.789	2.45e-26
COX7A2L	ENSG00000115944.14	79.291	45.513	0.788	1.82e-31
TXNDC17	ENSG00000129235.10	120.408	69.329	0.788	1.63e-23
HNRNPA0	ENSG00000177733.6	10.890	5.885	0.788	4.10e-28
HSD17B11	ENSG00000198189.10	105.463	60.671	0.788	8.21e-8
ARL17B	ENSG00000228696.8	3.270	1.475	0.787	3.41e-33
C1orf53	ENSG00000203724.10	11.790	6.415	0.787	1.08e-16
EFHD2	ENSG00000142634.12	21.591	12.095	0.787	1.02e-19
YBX1	ENSG00000065978.17	215.403	124.426	0.787	1.02e-27
SF3A2	ENSG00000104897.9	25.259	14.215	0.787	4.40e-32
FAHD1	ENSG00000180185.11	31.589	17.890	0.787	1.67e-16
ATP13A2	ENSG00000159363.17	6.210	3.180	0.786	1.57e-26
PSMA4	ENSG00000041357.15	117.262	67.587	0.786	1.13e-46
SLC17A5	ENSG00000119899.12	9.880	5.310	0.786	8.29e-19
LSM12P1	ENSG00000232024.2	4.390	2.125	0.786	1.66e-6
ORAI1	ENSG00000276045.1	12.980	7.105	0.786	5.36e-26
ALCAM	ENSG00000170017.12	20.260	11.340	0.785	1.58e-15
C6orf136	ENSG00000204564.11	19.910	11.135	0.785	9.94e-32
CERS6-AS1	ENSG00000227617.8	9.370	5.020	0.785	2.59e-12
TXNL1	ENSG00000091164.12	47.130	26.936	0.785	2.11e-29
RPA2	ENSG00000117748.9	14.660	8.090	0.785	3.97e-25
ITGAV	ENSG00000138448.11	6.800	3.525	0.785	1.24e-10
SEP9	ENSG00000184640.17	67.009	38.465	0.785	2.14e-27
FAM212A	ENSG00000185614.4	1.360	0.370	0.785	1.35e-43
PCAT6	ENSG00000228288.6	1.740	0.590	0.785	2.24e-23

RP11-286N22.8	ENSG00000256591.5	20.820	11.665	0.785	3.63e-8
TM9SF1	ENSG00000100926.14	23.501	13.230	0.784	7.33e-19
RAB2A	ENSG00000104388.14	62.708	36.005	0.784	4.37e-29
NDUFB10	ENSG00000140990.14	147.318	85.159	0.784	7.33e-32
GPX1	ENSG00000233276.3	362.565	210.182	0.784	6.36e-23
ABCG1	ENSG00000160179.18	3.690	1.725	0.783	1.54e-15
CLUAP1	ENSG00000103351.12	6.210	3.190	0.783	6.15e-26
EIF2S1	ENSG00000134001.12	32.030	18.193	0.783	1.74e-12
SUMO1	ENSG00000116030.16	82.241	47.366	0.783	2.83e-40
HEATR1	ENSG00000119285.10	3.740	1.755	0.783	1.77e-17
PSRC1	ENSG00000134222.16	2.520	1.045	0.783	7.28e-15
LSM3	ENSG00000170860.3	9.820	5.290	0.783	6.02e-51
RBM15B	ENSG00000259956.1	6.940	3.615	0.783	2.75e-32
COX17	ENSG00000138495.6	90.867	52.414	0.782	4.49e-47
DDX1	ENSG00000079785.14	35.680	20.325	0.782	4.18e-28
EHD2	ENSG00000024422.11	7.510	3.950	0.782	3.13e-10
EIF5A2	ENSG00000163577.7	1.510	0.460	0.782	4.32e-13
IMMP1L	ENSG00000148950.9	16.000	8.885	0.782	2.07e-31
MRPL42	ENSG00000198015.12	20.990	11.785	0.782	3.28e-33
CARD16	ENSG00000204397.7	10.650	5.780	0.781	7.20e-11
CHCHD5	ENSG00000125611.15	36.171	20.639	0.781	9.10e-43
CTB-191K22.5	ENSG00000267815.1	20.540	11.534	0.781	4.22e-11
EME1	ENSG00000154920.14	1.130	0.240	0.781	1.29e-29
FAM96B	ENSG00000166595.11	118.077	68.310	0.781	5.34e-30
RAB8A	ENSG00000167461.11	27.240	15.435	0.781	2.40e-9
MMRN2	ENSG00000173269.13	4.720	2.330	0.781	4.09e-14
CRIP1	ENSG00000119878.5	7.030	3.675	0.780	1.26e-50
DHX57	ENSG00000163214.20	5.130	2.570	0.780	8.33e-31
TPD52L2	ENSG00000101150.17	30.519	17.360	0.780	3.11e-28
GEMIN7	ENSG00000142252.10	19.430	10.900	0.780	1.05e-34
PLK4	ENSG00000142731.10	1.120	0.235	0.780	8.56e-28
C10orf54	ENSG00000107738.19	9.030	4.845	0.779	1.28e-9
C14orf2	ENSG00000156411.9	132.128	76.582	0.779	1.87e-38
CUL4B	ENSG00000158290.16	11.070	6.035	0.779	6.04e-24
GAR1	ENSG00000109534.16	11.010	6.000	0.779	2.70e-32
TIMMDC1	ENSG00000113845.9	44.249	25.370	0.779	5.81e-44
VPS11	ENSG00000160695.14	17.019	9.500	0.779	3.81e-44
SCRIB	ENSG00000180900.16	30.239	17.205	0.779	2.56e-27
ACOT8	ENSG00000101473.16	24.910	14.114	0.778	6.01e-51
RNF40	ENSG00000103549.21	37.759	21.605	0.778	2.62e-34
THUMP3	ENSG00000134077.15	18.510	10.380	0.778	1.24e-41
TMEM185B	ENSG00000226479.3	5.320	2.685	0.778	9.40e-17
RP11-624G17.3	ENSG00000255301.1	7.540	3.980	0.778	9.02e-15
HSPE1-MOB4	ENSG00000270757.1	2.190	0.860	0.778	8.46e-8
XXbac-BPG252P9.10	ENSG00000272273.1	1.470	0.440	0.778	3.99e-20
CDC42SE2	ENSG00000158985.13	10.520	5.725	0.777	1.73e-21
CETN3	ENSG00000153140.8	10.690	5.820	0.777	2.48e-31
ELK3	ENSG00000111145.7	4.080	1.965	0.777	1.32e-15
PMS2P4	ENSG00000067601.7	2.290	0.920	0.777	2.57e-34
SMC1A	ENSG00000072501.17	8.950	4.805	0.777	8.79e-7

TMEM104	ENSG00000109066.13	7.680	4.065	0.777	1.36e-33
TMEM179B	ENSG00000185475.8	52.899	30.460	0.777	1.37e-46
MINOS1	ENSG00000173436.13	78.492	45.419	0.776	1.33e-31
ATPIF1	ENSG00000130770.17	255.184	148.729	0.775	1.74e-22
BCL9	ENSG00000116128.9	3.080	1.385	0.775	2.72e-19
C16orf91	ENSG00000174109.4	10.950	5.985	0.775	1.40e-35
CD46	ENSG00000117335.18	65.131	37.659	0.775	8.29e-13
DESI2	ENSG00000121644.18	7.110	3.740	0.775	9.43e-24
TRIP4	ENSG00000103671.9	10.280	5.590	0.775	5.26e-45
EXOSC3	ENSG00000107371.12	12.750	7.035	0.775	4.61e-22
WFS1	ENSG00000109501.13	10.260	5.580	0.775	5.60e-21
PIP4K2C	ENSG00000166908.17	10.010	5.435	0.775	7.72e-18
SNX2	ENSG00000205302.6	29.470	16.805	0.775	5.03e-21
METTL6	ENSG00000206562.11	5.290	2.675	0.775	4.94e-40
RNASEK	ENSG00000219200.10	223.154	129.961	0.775	6.15e-34
FTH1P2	ENSG00000234975.6	3.690	1.740	0.775	5.52e-22
AL450992.2	ENSG00000234614.1	2.070	0.795	0.774	6.84e-19
CCL4L2	ENSG00000276070.4	3.190	1.450	0.774	2.94e-3
PIN4	ENSG00000102309.12	20.750	11.720	0.774	3.43e-40
RBBP5	ENSG00000117222.13	5.130	2.585	0.774	1.92e-33
TSC22D4	ENSG00000166925.8	17.470	9.800	0.774	4.69e-20
BRK1	ENSG00000254999.3	83.841	48.640	0.773	4.00e-42
E2F8	ENSG00000129173.12	0.760	0.030	0.773	2.29e-27
HHAT	ENSG00000054392.12	2.350	0.960	0.773	4.82e-21
GIT1	ENSG00000108262.15	7.670	4.075	0.773	5.17e-32
FBXO6	ENSG00000116663.10	12.300	6.785	0.773	1.52e-23
KBTD4	ENSG00000123444.13	6.110	3.160	0.773	2.52e-8
PAICS	ENSG00000128050.8	37.951	21.790	0.773	1.85e-15
NARS	ENSG00000134440.11	37.031	21.254	0.773	2.82e-15
GALNT11	ENSG00000178234.12	11.410	6.260	0.773	2.00e-18
UMPS	ENSG00000114491.13	23.489	13.345	0.772	5.89e-25
SHKBP1	ENSG00000160410.14	25.221	14.355	0.772	3.29e-23
MYADM	ENSG00000179820.15	16.200	9.070	0.772	5.85e-4
NOC4L	ENSG00000184967.6	15.170	8.470	0.772	1.17e-37
RPS3AP26	ENSG00000214389.2	3.800	1.810	0.772	7.38e-18
RPL35P1	ENSG00000237991.3	1.400	0.405	0.772	5.10e-32
AVL9	ENSG00000105778.17	7.670	4.080	0.771	4.60e-34
BCAS3	ENSG00000141376.20	8.260	4.425	0.771	2.68e-30
GSK3A	ENSG00000105723.11	29.650	16.960	0.771	4.19e-31
MPV17L	ENSG00000156968.8	6.140	3.185	0.771	4.02e-8
AP003068.9	ENSG00000254501.1	3.680	1.745	0.770	1.28e-11
BOD1	ENSG00000145919.10	22.611	12.850	0.770	1.77e-32
C14orf142	ENSG00000170270.4	8.760	4.725	0.770	1.63e-33
EFTUD1	ENSG00000140598.13	4.720	2.355	0.770	1.04e-20
FUNDC1	ENSG00000069509.5	6.570	3.440	0.770	2.76e-31
IPO11	ENSG00000086200.16	6.290	3.275	0.770	4.00e-44
TSPAN31	ENSG00000135452.9	24.299	13.835	0.770	7.17e-13
OTUB1	ENSG00000167770.11	36.719	21.125	0.770	1.59e-37
PXN-AS1	ENSG00000255857.5	8.590	4.625	0.770	1.09e-30
AC007405.6	ENSG00000239467.5	2.110	0.825	0.769	1.33e-20

AP4M1	ENSG00000221838.9	6.040	3.130	0.769	3.38e-29
CLTB	ENSG00000175416.12	54.909	31.814	0.769	4.50e-30
DCTN3	ENSG00000137100.15	52.428	30.359	0.769	3.69e-32
TSGA10	ENSG00000135951.14	2.290	0.930	0.769	9.00e-28
PSMD1	ENSG00000173692.12	41.120	23.720	0.769	3.00e-39
HIST2H2AC	ENSG00000184260.5	2.110	0.825	0.769	1.61e-27
RP11-649E7.5	ENSG00000258377.1	5.040	2.545	0.769	6.82e-7
ARF5	ENSG00000004059.10	111.793	65.249	0.768	2.77e-40
CTB-193M12.5	ENSG00000280206.1	2.210	0.885	0.768	9.67e-32
KIZ	ENSG00000088970.15	6.810	3.585	0.768	6.80e-29
PN01	ENSG00000115946.7	7.270	3.855	0.768	7.34e-23
RAB29	ENSG00000117280.12	10.930	6.005	0.768	2.58e-14
HNRNPUL2-BSCL2	ENSG00000234857.2	6.670	3.505	0.768	2.03e-2
AL589743.1	ENSG00000279508.1	0.940	0.140	0.767	5.44e-23
SLC12A9	ENSG00000146828.17	10.140	5.545	0.767	4.71e-29
ZFPL1	ENSG00000162300.11	25.810	14.755	0.767	3.02e-49
GATS	ENSG00000239521.7	2.250	0.910	0.767	2.73e-23
MRPL33	ENSG00000243147.7	71.649	41.700	0.767	2.12e-27
COA7	ENSG00000162377.5	6.620	3.480	0.766	9.57e-23
GNB5	ENSG00000069966.18	12.850	7.145	0.766	9.43e-17
UNG	ENSG00000076248.10	18.470	10.450	0.766	4.41e-23
FAP	ENSG00000078098.13	1.100	0.235	0.766	1.03e-16
RANGAP1	ENSG00000100401.19	39.951	23.075	0.766	2.44e-13
IL4I1	ENSG00000104951.15	1.040	0.200	0.766	5.93e-18
RPIA	ENSG00000153574.8	5.180	2.635	0.766	5.53e-33
AGA	ENSG00000038002.8	11.730	6.490	0.765	2.57e-17
ALDH3B1	ENSG00000006534.15	3.750	1.795	0.765	1.96e-15
CUEDC2	ENSG00000107874.10	35.680	20.584	0.765	4.34e-36
LMO2	ENSG00000135363.11	5.890	3.055	0.765	5.86e-16
TRAPPC1	ENSG00000170043.11	76.898	44.854	0.765	5.81e-28
FAHD2CP	ENSG00000231584.8	4.640	2.320	0.765	1.20e-21
EMILIN2	ENSG00000132205.10	1.980	0.755	0.764	1.76e-15
PGK1	ENSG00000102144.13	160.574	94.130	0.764	4.42e-13
MESP2	ENSG00000188095.4	0.800	0.060	0.764	4.60e-34
SIPA1	ENSG00000213445.8	35.730	20.629	0.764	4.57e-27
RP11-572P18.1	ENSG00000220842.6	464.778	273.357	0.764	2.47e-12
PIGBOS1	ENSG00000225973.3	10.560	5.805	0.764	1.71e-36
ANP32E	ENSG00000143401.14	13.590	7.595	0.763	5.69e-24
BRE	ENSG00000158019.20	17.550	9.930	0.763	2.87e-27
DDX10	ENSG00000178105.9	10.560	5.810	0.763	9.09e-35
GRWD1	ENSG00000105447.12	10.950	6.040	0.763	1.15e-20
PDLIM1	ENSG00000107438.8	99.760	58.395	0.763	2.92e-12
SEC22A	ENSG00000121542.11	8.010	4.310	0.763	3.24e-19
ERAL1	ENSG00000132591.11	33.079	19.075	0.763	6.41e-46
PSMA5	ENSG00000143106.12	61.631	35.900	0.763	2.73e-29
KCMF1	ENSG00000176407.17	18.600	10.550	0.763	5.72e-9
WDSUB1	ENSG00000196151.10	3.430	1.610	0.763	3.38e-28
ADAR	ENSG00000160710.15	40.579	23.520	0.762	6.22e-18
ATP5O	ENSG00000241837.6	175.386	103.006	0.762	4.23e-34
CCDC12	ENSG00000160799.11	36.569	21.155	0.762	3.45e-43

SLIRP	ENSG00000119705.9	137.462	80.671	0.762	8.91e-35
ILK	ENSG00000166333.13	49.831	28.964	0.762	3.55e-30
CAPZA2	ENSG00000198898.12	30.600	17.650	0.761	3.73e-6
CSNK2A1	ENSG00000101266.16	14.510	8.150	0.761	5.67e-17
UNC93B1	ENSG00000110057.7	12.180	6.775	0.761	5.25e-24
SLC4A2	ENSG00000164889.12	98.012	57.436	0.761	1.33e-23
EXOC7	ENSG00000182473.20	22.020	12.585	0.761	4.02e-23
NHLRC1	ENSG00000187566.4	2.880	1.290	0.761	7.31e-23
APBB1	ENSG00000166313.18	5.790	3.010	0.760	3.71e-20
SCAMP1	ENSG00000085365.17	5.690	2.950	0.760	9.20e-23
SDF2L1	ENSG00000128228.4	67.321	39.330	0.760	2.79e-12
HABP4	ENSG00000130956.13	5.620	2.910	0.760	3.19e-21
KLHDC9	ENSG00000162755.13	6.630	3.505	0.760	5.22e-12
RPF2	ENSG00000197498.12	15.040	8.470	0.760	2.06e-25
MRPL45	ENSG00000278845.4	23.190	13.280	0.760	1.21e-28
AMN1	ENSG00000151743.10	2.910	1.310	0.759	1.53e-24
ANXA7	ENSG00000138279.15	66.458	38.869	0.759	9.13e-19
AP2M1	ENSG00000161203.13	127.406	74.884	0.759	3.50e-32
CCZ1	ENSG00000122674.11	26.489	15.240	0.759	5.39e-30
CEP250	ENSG00000126001.15	5.710	2.965	0.759	2.63e-22
DNAJC9	ENSG00000213551.4	6.300	3.315	0.759	5.24e-24
DUS4L	ENSG00000105865.10	3.350	1.570	0.759	3.22e-32
EBAG9	ENSG00000147654.14	21.159	12.095	0.759	5.24e-26
SNAPC2	ENSG00000104976.11	8.020	4.330	0.759	3.01e-37
PPP2R5D	ENSG00000112640.14	16.300	9.225	0.759	4.83e-27
TRIM24	ENSG00000122779.16	10.590	5.850	0.759	4.63e-24
TM9SF2	ENSG00000125304.8	59.169	34.550	0.759	1.13e-15
G6PC3	ENSG00000141349.8	19.700	11.230	0.759	7.85e-31
PPP1R14B	ENSG00000173457.10	71.401	41.785	0.759	1.62e-18
ANXA4	ENSG00000196975.14	68.569	40.147	0.758	2.72e-9
PHF20	ENSG00000025293.15	6.120	3.210	0.758	2.64e-27
VAMP7	ENSG00000124333.14	18.880	10.755	0.758	2.36e-17
RBMX	ENSG00000147274.14	40.461	23.515	0.758	3.26e-28
SUV39H2	ENSG00000152455.15	2.500	1.070	0.758	1.10e-33
ASPHD1	ENSG00000174939.10	1.180	0.290	0.757	1.74e-14
ATP5C1	ENSG00000165629.19	256.230	151.197	0.757	7.81e-43
BATF	ENSG00000156127.6	2.330	0.970	0.757	9.53e-11
CDH5	ENSG00000179776.17	7.720	4.159	0.757	1.38e-9
ZFP64	ENSG00000020256.19	4.240	2.100	0.757	2.01e-29
STX6	ENSG00000135823.13	3.630	1.740	0.757	8.19e-29
NELFB	ENSG00000188986.4	19.670	11.230	0.757	6.23e-31
SGK223	ENSG00000275342.4	1.940	0.740	0.757	5.13e-9
CDK2AP1	ENSG00000111328.6	35.779	20.774	0.756	4.59e-22
DEPDC1	ENSG00000024526.16	0.740	0.030	0.756	3.23e-29
HCCS	ENSG00000004961.14	13.020	7.300	0.756	9.57e-25
TDP1	ENSG00000042088.13	3.170	1.470	0.756	4.00e-26
UBE2E1	ENSG00000170142.11	26.330	15.180	0.756	2.95e-27
RNASEH2C	ENSG00000172922.8	26.299	15.165	0.756	1.04e-22
RCC1	ENSG00000180198.15	10.600	5.870	0.756	1.79e-10
TRAPPC4	ENSG00000196655.9	34.849	20.235	0.756	2.96e-20

GMFB	ENSG00000197045.12	9.510	5.225	0.756	5.55e-18
FIS1	ENSG00000214253.8	201.704	119.006	0.756	2.03e-34
ALG6	ENSG00000088035.15	6.450	3.415	0.755	1.17e-32
DEAF1	ENSG00000177030.16	11.780	6.575	0.755	4.98e-33
RB1CC1	ENSG00000023287.12	9.570	5.265	0.755	1.09e-16
HNRNPL	ENSG00000104824.16	119.080	70.165	0.755	1.19e-42
TXNDC15	ENSG00000113621.14	27.660	15.980	0.755	1.35e-37
TMEM69	ENSG00000159596.6	12.690	7.110	0.755	1.08e-19
STX8	ENSG00000170310.14	31.241	18.109	0.755	2.05e-27
AC004381.6	ENSG00000005189.19	1.690	0.595	0.754	3.12e-25
CTB-43P18.1	ENSG00000272742.1	2.600	1.135	0.754	1.36e-20
EIF3F	ENSG00000175390.12	106.787	62.926	0.754	2.39e-34
HFE2	ENSG00000168509.17	110.998	65.405	0.754	4.50e-2
AL513523.2	ENSG00000279767.1	16.210	9.210	0.753	7.43e-26
CCL25	ENSG00000131142.13	0.820	0.080	0.753	3.91e-13
COPB1	ENSG00000129083.12	37.959	22.119	0.753	1.12e-20
KPNB1	ENSG00000108424.9	44.479	25.990	0.753	1.66e-12
ITM2C	ENSG00000135916.15	24.591	14.180	0.753	1.74e-4
POLE3	ENSG00000148229.12	18.890	10.805	0.753	1.13e-23
SHISA5	ENSG00000164054.15	98.427	58.016	0.753	9.71e-29
RNF213	ENSG00000173821.19	37.951	22.110	0.753	1.83e-23
FBXO45	ENSG00000174013.7	3.440	1.635	0.753	9.59e-34
SSR4	ENSG00000180879.13	312.908	185.309	0.753	7.34e-27
AZIN1-AS1	ENSG00000253320.5	3.380	1.600	0.752	3.43e-20
CABYR	ENSG00000154040.20	1.350	0.395	0.752	2.69e-13
RPS15A	ENSG00000134419.15	983.853	583.847	0.752	1.11e-28
TSR2	ENSG00000158526.7	26.650	15.420	0.752	6.65e-41
RPL17-C18orf32	ENSG00000215472.9	7.780	4.215	0.752	2.28e-5
CRYM	ENSG00000103316.10	7.800	4.230	0.751	1.37e-7
NUDCD3	ENSG0000015676.17	24.800	14.330	0.751	7.94e-20
SLC25A3	ENSG00000075415.12	327.578	194.186	0.751	9.80e-43
MRPS15	ENSG00000116898.11	87.760	51.746	0.751	1.56e-37
PP7080	ENSG00000188242.4	7.880	4.275	0.751	1.26e-25
C19orf25	ENSG00000119559.15	17.430	9.955	0.750	6.36e-28
COMMD7	ENSG00000149600.11	31.639	18.405	0.750	9.44e-38
CRIP2	ENSG00000182809.10	48.130	28.220	0.750	3.19e-9
EIF2A	ENSG00000144895.11	47.679	27.940	0.750	2.77e-31
METTL2A	ENSG00000087995.15	7.450	4.025	0.750	1.79e-32
MLEC	ENSG00000110917.7	46.141	27.030	0.750	4.26e-12
TMED4	ENSG00000158604.14	33.751	19.665	0.750	1.23e-31
TMEM70	ENSG00000175606.10	26.259	15.205	0.750	1.06e-15
MEX3D	ENSG00000181588.16	4.240	2.115	0.750	1.30e-18
TRIQK	ENSG00000205133.11	11.080	6.185	0.750	2.38e-10
RP1-313I6.12	ENSG00000272009.1	2.280	0.950	0.750	1.42e-30
C5orf28	ENSG00000151881.14	3.780	1.845	0.749	4.27e-22
ETV2	ENSG00000105672.14	2.260	0.940	0.749	3.57e-38
METTL2B	ENSG00000165055.15	7.750	4.205	0.749	2.94e-27
RP11-603J24.17	ENSG00000257553.1	4.850	2.480	0.749	1.22e-29
DNAH14	ENSG00000185842.14	5.450	2.840	0.748	6.35e-25
FTSJ1	ENSG00000068438.14	14.000	7.930	0.748	9.56e-28

SNX12	ENSG00000147164.11	15.009	8.530	0.748	1.79e-33
IGF2R	ENSG00000197081.12	18.260	10.469	0.748	1.65e-10
B4GALT7	ENSG00000027847.13	19.390	11.145	0.747	1.81e-37
CCDC97	ENSG00000142039.3	7.700	4.185	0.747	4.69e-34
COQ7	ENSG00000167186.10	6.880	3.695	0.747	4.90e-30
DLG5-AS1	ENSG00000233871.2	0.930	0.150	0.747	2.32e-30
MAP3K13	ENSG00000073803.13	13.390	7.575	0.747	5.34e-21
PACSIN2	ENSG00000100266.17	24.910	14.440	0.747	3.31e-13
TAF12	ENSG00000120656.11	13.250	7.490	0.747	4.27e-26
HSPH1	ENSG00000120694.19	20.470	11.795	0.747	7.63e-8
ZNF428	ENSG00000131116.11	25.530	14.810	0.747	3.72e-29
PSMC3IP	ENSG00000131470.14	1.920	0.740	0.747	8.06e-24
MRPS36	ENSG00000134056.11	32.810	19.150	0.747	5.49e-30
CCDC59	ENSG00000133773.11	18.840	10.830	0.746	6.84e-32
CDH2	ENSG00000170558.8	18.830	10.825	0.746	4.43e-6
DNAJC7	ENSG00000168259.14	52.548	30.920	0.746	2.04e-33
NCAPD2	ENSG00000010292.12	4.880	2.505	0.746	2.33e-19
TRAPPC3	ENSG00000054116.11	35.700	20.880	0.746	3.12e-39
HSP90AA1	ENSG00000080824.18	203.543	120.973	0.746	2.94e-12
EPDR1	ENSG00000086289.11	6.800	3.650	0.746	7.80e-8
LEO1	ENSG00000166477.12	12.640	7.130	0.746	3.81e-25
SMG8	ENSG00000167447.12	4.240	2.125	0.746	5.70e-14
NGRN	ENSG00000182768.8	29.709	17.315	0.746	1.83e-27
C1GALT1C1	ENSG00000171155.7	15.810	9.030	0.745	4.77e-19
IL27RA	ENSG00000104998.3	1.740	0.635	0.745	4.56e-18
NUP107	ENSG00000111581.9	8.640	4.750	0.745	1.34e-18
PPP1R7	ENSG00000115685.14	45.050	26.470	0.745	2.63e-44
PLS1	ENSG00000120756.12	7.110	3.840	0.745	1.37e-8
WSB2	ENSG00000176871.8	24.700	14.335	0.745	1.35e-26
FANCG	ENSG00000221829.9	6.640	3.560	0.745	3.72e-24
C6orf106	ENSG00000196821.9	48.150	28.345	0.744	7.70e-24
PORCN	ENSG00000102312.20	2.710	1.215	0.744	6.14e-22
IRF3	ENSG00000126456.15	54.860	32.359	0.744	3.35e-30
ORC3	ENSG00000135336.14	8.510	4.680	0.744	5.91e-27
NVL	ENSG00000143748.17	8.110	4.440	0.744	5.31e-38
SMARCC1	ENSG00000173473.10	8.840	4.875	0.744	6.51e-22
LMNB2	ENSG00000176619.10	4.610	2.350	0.744	2.29e-22
RP11-545E17.3	ENSG00000223478.1	3.630	1.765	0.744	2.75e-24
GORASP2	ENSG00000115806.12	31.580	18.470	0.743	1.64e-17
POMP	ENSG00000132963.7	63.491	37.544	0.743	6.58e-35
LRRC45	ENSG00000169683.7	13.680	7.770	0.743	3.78e-19
P4HB	ENSG00000185624.14	1.190.704	711.193	0.743	8.32e-27
TMA16	ENSG00000198498.9	7.780	4.245	0.743	2.08e-25
RP11-205M5.3	ENSG00000280064.1	4.740	2.430	0.743	1.08e-14
CAP1	ENSG00000131236.16	61.201	36.185	0.742	2.02e-16
DIABLO	ENSG00000184047.15	40.029	23.540	0.742	1.48e-35
RAE1	ENSG00000101146.12	11.080	6.225	0.742	8.66e-24
SRA1	ENSG00000213523.9	31.710	18.560	0.742	1.90e-37
BMF	ENSG00000104081.13	2.260	0.950	0.741	8.28e-17
BTD	ENSG00000169814.12	29.811	17.434	0.741	8.29e-14

OBFC1	ENSG00000107960.10	8.160	4.480	0.741	4.83e-26
TMX4	ENSG00000125827.8	10.360	5.795	0.741	9.92e-18
MFAP1	ENSG00000140259.6	10.170	5.685	0.741	2.05e-26
ERAP1	ENSG00000164307.12	11.440	6.445	0.741	3.30e-11
PACS1	ENSG00000175115.11	8.590	4.740	0.741	1.79e-14
FARSA	ENSG00000179115.10	29.130	17.024	0.741	4.37e-33
ACTR1A	ENSG00000138107.11	27.949	16.330	0.740	1.91e-31
AP003068.23	ENSG00000254614.2	3.200	1.515	0.740	4.30e-16
ATP9A	ENSG00000054793.13	5.070	2.635	0.740	9.91e-13
MNAT1	ENSG00000020426.10	11.690	6.600	0.740	1.43e-27
TNPO3	ENSG00000064419.13	10.720	6.015	0.740	1.34e-17
RARS	ENSG00000113643.8	24.511	14.275	0.740	6.69e-34
FZD6	ENSG00000164930.11	2.390	1.030	0.740	4.66e-13
SRP68	ENSG00000167881.14	34.719	20.390	0.740	2.58e-33
FAM104B	ENSG00000182518.13	9.590	5.340	0.740	1.27e-40
CHST14	ENSG00000169105.7	6.570	3.535	0.739	1.78e-22
NUB1	ENSG00000013374.15	23.131	13.460	0.739	2.28e-28
NANS	ENSG00000095380.10	35.341	20.768	0.739	2.79e-20
SIPA1L3	ENSG00000105738.10	3.390	1.630	0.739	1.02e-15
ODC1	ENSG00000115758.12	35.419	20.820	0.739	9.03e-7
SNRPA1	ENSG00000131876.16	27.870	16.300	0.739	9.96e-30
ESPL1	ENSG00000135476.11	1.720	0.630	0.739	1.95e-9
PDSS1	ENSG00000148459.15	5.040	2.620	0.739	7.48e-21
HPS6	ENSG00000166189.7	5.510	2.900	0.739	9.66e-34
HNRNPA1P10	ENSG00000214223.4	1.830	0.695	0.739	3.07e-18
COL5A3	ENSG00000080573.6	5.990	3.190	0.738	8.19e-7
TSPO	ENSG00000100300.17	53.719	31.808	0.738	4.03e-9
IMPAD1	ENSG00000104331.8	14.900	8.530	0.738	2.51e-11
HTRA2	ENSG00000115317.11	19.480	11.280	0.738	6.60e-36
MFSD6	ENSG00000151690.14	2.320	0.990	0.738	4.19e-21
VCP	ENSG00000165280.15	101.630	60.526	0.738	1.59e-20
PPP1R14BP3	ENSG00000179967.11	4.080	2.045	0.738	7.21e-25
HDAC2	ENSG00000196591.11	17.289	9.965	0.738	8.04e-19
ZDHC24	ENSG00000174165.7	4.500	2.300	0.737	2.38e-39
PRKAG1	ENSG00000181929.11	28.929	16.955	0.737	1.64e-36
MRPS18B	ENSG00000204568.11	65.289	38.764	0.737	7.10e-24
RP11-671J11.5	ENSG00000279423.1	16.470	9.484	0.737	4.06e-28
AC011558.5	ENSG00000279753.1	25.291	14.790	0.736	1.53e-10
ADSS	ENSG00000035687.9	11.750	6.655	0.736	5.42e-19
GSTO2	ENSG00000065621.14	3.080	1.450	0.736	1.38e-11
UBAC2	ENSG00000134882.15	39.951	23.581	0.736	1.12e-33
ERAP2	ENSG00000164308.16	5.170	2.705	0.736	2.78e-6
RP11-410L14.2	ENSG00000253948.1	2.480	1.090	0.736	6.21e-23
ARHGDIB	ENSG00000111348.8	43.940	25.995	0.735	2.26e-12
CEBPZOS	ENSG00000218739.9	16.450	9.485	0.735	1.18e-32
SS18L2	ENSG00000008324.10	22.119	12.895	0.735	4.36e-43
ME1	ENSG00000065833.8	4.810	2.490	0.735	3.21e-5
SLMO2	ENSG00000101166.15	15.980	9.200	0.735	2.97e-17
HSPA9	ENSG00000113013.12	152.281	91.078	0.735	9.03e-26
HNF1A-AS1	ENSG00000241388.4	11.320	6.400	0.735	8.12e-11

FLT1	ENSG00000102755.10	4.280	2.175	0.734	2.88e-13
SSBP4	ENSG00000130511.15	24.110	14.095	0.734	6.56e-29
RP11-108M9.4	ENSG00000238142.1	21.561	12.565	0.734	3.10e-9
ARFRP1	ENSG00000101246.19	26.230	15.380	0.733	2.17e-38
CCDC88B	ENSG00000168071.21	8.130	4.495	0.733	3.53e-8
DNAJC5	ENSG00000101152.10	10.460	5.895	0.733	4.85e-23
ZFAT	ENSG00000066827.15	3.130	1.485	0.733	2.40e-28
SCAF1	ENSG00000126461.14	16.300	9.410	0.733	1.19e-33
VPS45	ENSG00000136631.12	16.870	9.750	0.733	4.99e-47
GSTO1	ENSG00000148834.12	310.187	186.237	0.733	1.82e-13
PDIA4	ENSG00000155660.10	145.905	87.380	0.733	8.14e-11
F8A3	ENSG00000277150.1	6.210	3.339	0.733	2.00e-3
CDC73	ENSG00000134371.9	6.010	3.220	0.732	4.18e-20
RNASEH1	ENSG00000171865.9	5.950	3.185	0.732	3.34e-23
ACP1	ENSG00000143727.15	62.219	37.081	0.731	8.26e-32
CHTOP	ENSG00000160679.12	33.791	19.960	0.731	8.41e-38
GANAB	ENSG00000089597.16	116.767	69.930	0.731	4.33e-14
MTPN	ENSG00000105887.10	19.889	11.585	0.731	4.79e-14
HCN3	ENSG00000143630.9	8.460	4.700	0.731	4.18e-9
PRDX2	ENSG00000167815.11	230.288	138.313	0.731	3.61e-33
GNG10	ENSG00000242616.3	22.040	12.885	0.731	3.48e-20
BCCIP	ENSG00000107949.16	34.700	20.520	0.730	3.97e-31
CD2	ENSG00000116824.4	2.540	1.135	0.730	4.00e-10
CYCS	ENSG00000172115.8	54.300	32.350	0.730	2.07e-15
USP11	ENSG00000102226.9	13.170	7.540	0.730	2.96e-20
RAB3IP	ENSG00000127328.21	10.510	5.940	0.730	6.94e-18
MKRN1	ENSG00000133606.10	25.479	14.965	0.730	3.03e-24
MNS1	ENSG00000138587.5	1.040	0.230	0.730	3.86e-20
SERBP1	ENSG00000142864.14	79.472	47.514	0.730	2.48e-19
SUMF1	ENSG00000144455.13	16.660	9.650	0.730	2.53e-20
P2RY8	ENSG00000182162.9	1.190	0.320	0.730	9.22e-21
BMI1	ENSG00000168283.13	16.549	9.585	0.729	1.68e-11
CHMP4C	ENSG00000164695.4	5.230	2.760	0.729	4.47e-18
CIB2	ENSG00000136425.12	1.370	0.430	0.729	3.65e-17
RCN1	ENSG00000049449.8	45.201	26.865	0.729	1.26e-8
YIPF5	ENSG00000145817.16	12.600	7.205	0.729	2.17e-14
FAM173B	ENSG00000150756.13	6.890	3.760	0.729	2.37e-25
YIF1A	ENSG00000174851.14	119.469	71.679	0.729	1.31e-38
LST1	ENSG00000204482.10	12.630	7.225	0.729	2.63e-4
C11orf80	ENSG00000173715.15	3.200	1.535	0.728	5.64e-18
C9orf69	ENSG00000238227.7	12.590	7.205	0.728	5.11e-26
DGUOK	ENSG00000114956.19	34.649	20.520	0.728	1.10e-28
MCUR1	ENSG00000050393.11	13.700	7.875	0.728	1.79e-30
MTX2	ENSG00000128654.13	19.370	11.295	0.728	1.11e-25
CBR3	ENSG00000159231.5	1.110	0.275	0.727	5.89e-21
CERS5	ENSG00000139624.12	11.970	6.835	0.727	3.48e-31
WDR13	ENSG00000101940.17	99.187	59.550	0.727	6.77e-15
GNA13	ENSG00000120063.9	8.410	4.685	0.727	8.12e-8
MGME1	ENSG00000125871.13	7.790	4.310	0.727	7.43e-28
PGLS	ENSG00000130313.6	50.590	30.160	0.727	9.61e-35

MEPCE	ENSG00000146834.13	23.779	13.975	0.727	3.04e-45
MARVELD2	ENSG00000152939.14	7.730	4.275	0.727	3.37e-13
MAPKAPK2	ENSG00000162889.10	37.480	22.250	0.727	1.78e-20
STOML2	ENSG00000165283.15	75.908	45.480	0.727	1.34e-30
SCAND1	ENSG00000171222.10	65.439	39.134	0.727	1.42e-23
TLE1	ENSG00000196781.13	48.401	28.844	0.727	1.44e-13
KNOP1	ENSG00000103550.13	6.890	3.770	0.726	2.39e-24
RAB4B	ENSG00000167578.16	21.711	12.730	0.726	4.38e-28
RNF26	ENSG00000173456.4	15.140	8.755	0.726	1.11e-19
RCC2	ENSG00000179051.13	9.990	5.645	0.726	1.22e-20
PCED1B-AS1	ENSG00000247774.6	4.250	2.175	0.726	2.23e-9
ELAVL1	ENSG00000066044.13	23.550	13.855	0.725	3.78e-30
STAU2	ENSG00000040341.17	11.480	6.550	0.725	3.23e-20
LGMN	ENSG00000100600.14	54.018	32.290	0.725	2.70e-19
SEP7	ENSG00000122545.17	31.499	18.660	0.725	6.57e-22
FAAP24	ENSG00000131944.9	1.240	0.355	0.725	2.40e-38
RIT1	ENSG00000143622.10	5.280	2.800	0.725	9.26e-15
ZWILCH	ENSG00000174442.11	2.430	1.075	0.725	6.97e-25
RP5-1136G13.2	ENSG00000273314.1	1.810	0.700	0.725	6.41e-35
AC002398.9	ENSG00000188223.9	4.780	2.500	0.724	7.04e-31
ALG9	ENSG00000086848.14	19.291	11.285	0.724	7.40e-34
ANKRD27	ENSG00000105186.14	3.640	1.810	0.724	7.75e-21
DIS3L2	ENSG00000144535.19	8.770	4.915	0.724	3.72e-39
DYNC1I2	ENSG00000077380.15	19.430	11.365	0.724	1.78e-18
SF3B2	ENSG00000087365.14	81.979	49.240	0.724	8.24e-42
SFR1	ENSG00000156384.14	1.990	0.810	0.724	9.16e-33
TSEN34	ENSG00000170892.10	28.210	16.685	0.724	3.96e-35
PIGP	ENSG00000185808.13	21.280	12.485	0.724	7.92e-27
TEAD4	ENSG00000197905.8	2.220	0.950	0.724	1.37e-10
RPL3P4	ENSG00000232573.1	36.699	21.820	0.724	1.45e-8
ATP6V0D1	ENSG00000159720.11	52.428	31.370	0.723	9.40e-22
WDR1	ENSG00000071127.16	56.230	33.665	0.723	5.00e-20
UBA1	ENSG00000130985.16	67.498	40.510	0.723	2.30e-29
TP53	ENSG00000141510.15	11.090	6.325	0.723	3.34e-9
MTERF3	ENSG00000156469.8	13.600	7.845	0.723	7.96e-30
LIMS1	ENSG00000169756.16	7.590	4.205	0.723	2.17e-12
ZNF777	ENSG00000196453.7	5.460	2.915	0.723	3.62e-25
CHPT1	ENSG00000111666.10	73.399	44.090	0.722	1.17e-13
COA1	ENSG00000106603.17	18.610	10.890	0.722	2.03e-28
EIF2B1	ENSG00000111361.12	17.910	10.465	0.722	9.34e-36
ERBB3	ENSG00000065361.14	55.149	33.039	0.722	5.89e-15
SEL1L3	ENSG00000091490.10	6.520	3.560	0.722	2.04e-5
YIPF2	ENSG00000130733.10	35.111	20.900	0.722	4.52e-31
RPUSD3	ENSG00000156990.14	24.729	14.595	0.722	8.16e-36
WDR4	ENSG00000160193.11	4.740	2.480	0.722	1.50e-21
FADD	ENSG00000168040.4	8.550	4.790	0.722	2.00e-20
CDS2	ENSG00000101290.13	11.680	6.690	0.721	3.19e-19
RFC1	ENSG00000035928.14	16.781	9.790	0.721	9.29e-16
TMEM245	ENSG00000106771.12	9.750	5.520	0.721	5.06e-12
RNF7	ENSG00000114125.13	52.109	31.210	0.721	9.28e-45

IL1R2	ENSG00000115590.13	6.210	3.375	0.721	1.25e-9
MORC2	ENSG00000133422.12	16.610	9.685	0.721	4.71e-35
FAM127A	ENSG00000134590.13	42.949	25.660	0.721	1.18e-10
SLC22A9	ENSG00000149742.9	13.400	7.735	0.721	1.36e-6
HEG1	ENSG00000173706.12	2.840	1.330	0.721	1.78e-11
ANXA2R	ENSG00000177721.4	1.330	0.415	0.720	1.12e-32
ARL6IP5	ENSG00000144746.6	26.700	15.815	0.720	3.31e-15
CNPY4	ENSG00000166997.7	4.510	2.345	0.720	1.23e-18
EXOC6	ENSG00000138190.16	7.040	3.880	0.720	4.11e-17
RP11-705C15.2	ENSG00000256594.7	1.290	0.390	0.720	8.12e-24
ABCD1	ENSG00000101986.11	7.980	4.455	0.719	9.73e-24
RPL3	ENSG00000100316.15	1.372.223	833.188	0.719	1.29e-28
SNW1	ENSG00000100603.13	21.550	12.695	0.719	4.41e-26
URI1	ENSG00000105176.17	18.960	11.130	0.719	1.83e-23
SMPD2	ENSG00000135587.8	4.900	2.585	0.719	2.79e-27
PARD3	ENSG00000148498.15	14.740	8.565	0.719	1.01e-21
SHCBP1	ENSG00000171241.8	0.810	0.100	0.719	4.99e-26
TMEM187	ENSG00000177854.7	6.200	3.375	0.719	7.72e-24
PJA1	ENSG00000181191.11	5.420	2.900	0.719	3.44e-23
U47924.6	ENSG00000240370.6	2.020	0.835	0.719	3.37e-24
ADPRHL2	ENSG00000116863.10	13.830	8.015	0.718	1.48e-28
ARHGDI1A	ENSG00000141522.11	141.640	85.709	0.718	1.65e-24
DNAJC1	ENSG00000136770.10	22.099	13.040	0.718	3.22e-22
MDH1	ENSG0000014641.17	150.664	91.189	0.718	3.63e-24
GPBP1	ENSG00000062194.15	25.400	15.055	0.718	9.76e-30
IDH3G	ENSG00000067829.18	33.541	20.005	0.718	5.04e-35
ORC1	ENSG00000085840.12	0.850	0.125	0.718	3.83e-29
MRPL35	ENSG00000132313.14	23.221	13.725	0.718	4.15e-33
ERVK3-1	ENSG00000142396.10	26.720	15.855	0.718	4.75e-43
SWI5	ENSG00000175854.11	27.889	16.565	0.718	8.48e-30
MBD2	ENSG00000134046.11	30.231	17.994	0.717	7.28e-13
GNA12	ENSG00000146535.13	10.100	5.755	0.717	9.63e-12
HSPB8	ENSG00000152137.6	2.870	1.355	0.717	3.62e-6
PDCD6IP	ENSG00000170248.13	33.760	20.140	0.717	4.72e-4
LIN9	ENSG00000183814.15	1.170	0.320	0.717	1.28e-29
CHML	ENSG00000203668.1	1.480	0.510	0.716	2.90e-20
EIF4G2	ENSG00000110321.15	128.550	77.880	0.716	3.15e-10
MGAT4A	ENSG00000071073.12	4.740	2.495	0.716	2.50e-21
UBIAD1	ENSG00000120942.13	7.000	3.870	0.716	5.62e-21
XXbac-BPG246D15.9	ENSG00000250264.1	0.700	0.035	0.716	4.87e-10
SMIM20	ENSG00000250317.8	25.090	14.885	0.716	5.25e-17
A4GALT	ENSG00000128274.15	2.300	1.010	0.715	2.93e-11
CFDP1	ENSG00000153774.8	45.119	27.095	0.715	8.48e-22
RECQL	ENSG00000004700.15	4.910	2.600	0.715	1.60e-8
ZNF574	ENSG00000105732.11	4.720	2.485	0.715	2.72e-35
VPS26A	ENSG00000122958.14	14.420	8.395	0.715	2.25e-22
TTC9C	ENSG00000162222.13	14.760	8.600	0.715	1.11e-35
RP11-20B24.4	ENSG00000266642.2	5.650	3.050	0.715	4.97e-6
AARSD1	ENSG00000266967.6	30.600	18.270	0.714	1.16e-32

ATRIP	ENSG00000164053.17	3.290	1.615	0.714	7.16e-57
HOXA13	ENSG00000106031.7	0.640	0.000	0.714	1.42e-25
THG1L	ENSG00000113272.13	5.790	3.140	0.714	2.08e-27
GLIS2	ENSG00000126603.8	2.240	0.975	0.714	6.90e-10
ZNF526	ENSG00000167625.10	2.280	1.000	0.714	1.30e-48
FAM131A	ENSG00000175182.13	3.970	2.030	0.714	1.89e-18
PAQR9	ENSG00000188582.8	8.670	4.895	0.714	8.39e-12
MICB	ENSG00000204516.9	1.460	0.500	0.714	1.05e-21
NDUFS3	ENSG00000213619.9	102.913	62.370	0.714	1.89e-40
CMC1	ENSG00000187118.12	40.590	24.369	0.713	3.83e-35
CTD-2015H6.3	ENSG00000249042.5	2.730	1.275	0.713	1.19e-30
DNAJC8	ENSG00000126698.10	37.491	22.476	0.713	2.63e-31
WDR62	ENSG00000075702.16	1.000	0.220	0.713	3.78e-28
KIF22	ENSG00000079616.12	37.830	22.695	0.713	1.58e-26
ERP29	ENSG00000089248.6	129.498	78.623	0.713	3.95e-32
PRR7	ENSG00000131188.11	1.410	0.470	0.713	1.33e-17
PLA2G12B	ENSG00000138308.5	34.760	20.820	0.713	1.64e-3
HSP90B1	ENSG00000166598.12	516.240	314.561	0.713	4.17e-14
AGGF1	ENSG00000164252.12	5.960	3.250	0.712	1.06e-23
ASNSD1	ENSG00000138381.9	17.440	10.260	0.712	8.04e-45
CCDC61	ENSG00000104983.8	7.910	4.440	0.712	3.69e-37
CEP89	ENSG00000121289.17	2.990	1.435	0.712	1.71e-30
CTC-518P12.6	ENSG00000267484.1	0.900	0.160	0.712	3.00e-16
PSMD9	ENSG00000110801.13	35.419	21.235	0.712	4.72e-31
POLR3GL	ENSG00000121851.12	33.960	20.340	0.712	4.28e-20
RP11-295K3.1	ENSG00000250644.2	1.220	0.355	0.712	4.59e-17
MEF2BNB	ENSG00000254901.7	15.550	9.105	0.712	1.11e-35
LUZP6	ENSG00000267697.1	11.600	6.690	0.712	3.54e-5
AC074212.5	ENSG00000259605.3	5.950	3.245	0.711	1.27e-10
CLNS1A	ENSG00000074201.8	61.141	36.953	0.711	1.49e-20
CTNNBIP1	ENSG00000178585.14	9.110	5.175	0.711	1.95e-25
TSPAN6	ENSG00000000003.14	42.691	25.700	0.711	3.57e-14
NDC1	ENSG00000058804.11	3.470	1.730	0.711	6.01e-25
SNX17	ENSG00000115234.10	55.641	33.599	0.711	1.84e-34
RRAS	ENSG00000126458.3	24.570	14.620	0.711	5.26e-13
SLC40A1	ENSG00000138449.10	58.399	35.275	0.711	1.26e-4
IFNAR2	ENSG00000159110.19	11.910	6.885	0.711	1.61e-27
RP5-908M14.9	ENSG00000273619.1	2.520	1.150	0.711	1.94e-25
SEPSECS-AS1	ENSG00000281501.1	5.170	2.770	0.711	3.49e-20
BAIAP2-AS1	ENSG00000226137.5	3.950	2.025	0.710	3.64e-23
C11orf73	ENSG00000149196.15	22.000	13.065	0.710	1.04e-30
CIDECP	ENSG00000186162.10	7.390	4.130	0.710	1.89e-29
FKBP3	ENSG00000100442.10	41.440	24.940	0.710	6.52e-38
GPN3	ENSG00000111231.8	14.750	8.630	0.710	8.65e-24
PRRC1	ENSG00000164244.20	15.580	9.135	0.710	7.43e-27
SEMA6B	ENSG00000167680.15	2.280	1.005	0.710	7.90e-19
RAP2B	ENSG00000181467.3	3.770	1.915	0.710	2.86e-14
ZNF669	ENSG00000188295.14	1.470	0.510	0.710	1.28e-21
DCAF7	ENSG00000136485.14	10.470	6.015	0.709	1.31e-20
DUT	ENSG00000128951.13	39.091	23.525	0.709	6.99e-23

EID1	ENSG00000255302.3	50.129	30.275	0.709	3.39e-9
TCF7	ENSG00000081059.19	4.420	2.315	0.709	1.80e-11
GSS	ENSG00000100983.9	29.140	17.435	0.709	1.60e-30
MRPL2	ENSG00000112651.11	70.170	42.545	0.709	3.38e-37
ZNF524	ENSG00000171443.6	16.680	9.815	0.709	4.46e-36
ZNF468	ENSG00000204604.9	1.730	0.670	0.709	4.41e-12
BBS7	ENSG00000138686.9	2.080	0.885	0.708	1.07e-18
CENPP	ENSG00000188312.13	1.590	0.585	0.708	2.08e-37
STARD3NL	ENSG00000010270.13	7.770	4.370	0.708	3.25e-13
TCTN3	ENSG00000119977.20	13.770	8.040	0.708	8.62e-22
PSMB6	ENSG00000142507.9	115.359	70.245	0.708	7.62e-32
SGOL2	ENSG00000163535.17	0.830	0.120	0.708	2.64e-31
UQCRQ	ENSG00000164405.10	696.847	426.159	0.708	1.49e-24
HMBS	ENSG00000256269.6	18.080	10.680	0.708	9.78e-29
COX5B	ENSG00000135940.6	251.113	153.430	0.707	8.97e-34
CYFIP1	ENSG00000273749.4	21.550	12.810	0.707	1.52e-20
DNAJC21	ENSG00000168724.14	16.500	9.720	0.707	3.44e-23
SPG21	ENSG00000090487.10	61.120	37.041	0.707	2.39e-27
USP14	ENSG00000101557.14	14.000	8.190	0.707	8.41e-19
RPA1	ENSG00000132383.11	15.030	8.820	0.707	1.93e-14
CHPF2	ENSG00000033100.14	12.210	7.100	0.706	1.10e-24
DRAM1	ENSG00000136048.13	4.040	2.090	0.706	1.59e-16
MRPS10	ENSG00000048544.5	20.260	12.030	0.706	2.59e-27
HNRNPA2B1	ENSG00000122566.20	285.529	174.664	0.706	7.64e-20
TRIM47	ENSG00000132481.6	18.070	10.689	0.706	6.60e-13
HIATL1	ENSG00000148110.15	7.500	4.210	0.706	2.00e-17
PCGF5	ENSG00000180628.14	21.989	13.095	0.706	5.41e-22
SNHG5	ENSG00000203875.10	169.635	103.629	0.706	7.70e-11
DALRD3	ENSG00000178149.16	11.630	6.750	0.705	3.57e-30
WBP11	ENSG00000084463.7	12.000	6.975	0.705	3.03e-15
NOL10	ENSG00000115761.15	9.220	5.270	0.705	2.14e-31
MEF2D	ENSG00000116604.17	11.700	6.790	0.705	4.39e-20
IGF2BP1	ENSG00000159217.9	0.630	0.000	0.705	5.82e-18
PCBP1	ENSG00000169564.6	200.144	122.360	0.705	7.77e-8
TCN2	ENSG00000185339.8	8.940	5.099	0.705	1.94e-11
ADGRL4	ENSG00000162618.12	4.410	2.320	0.704	7.88e-13
ALG5	ENSG00000120697.8	34.599	20.860	0.704	1.19e-25
APRT	ENSG00000198931.10	124.620	76.119	0.704	5.36e-28
SCRN2	ENSG00000141295.13	33.420	20.129	0.704	2.75e-26
LINC00869	ENSG00000277147.4	23.309	13.920	0.704	3.73e-16
BLVRB	ENSG00000090013.9	196.066	120.046	0.703	3.84e-16
DHFR	ENSG00000228716.6	13.140	7.685	0.703	1.55e-13
TMEM54	ENSG00000121900.18	9.500	5.450	0.703	2.28e-7
TMEM126A	ENSG00000171202.6	28.859	17.340	0.703	1.07e-35
UBXN2A	ENSG00000173960.12	4.110	2.140	0.703	3.88e-26
CTC-425F1.4	ENSG00000267458.1	22.830	13.648	0.702	2.64e-3
CTSF	ENSG00000174080.10	58.500	35.588	0.702	6.56e-8
PTOV1	ENSG00000104960.15	93.163	56.895	0.702	2.54e-33
GGCX	ENSG00000115486.11	54.281	32.975	0.702	7.06e-14
STAU1	ENSG00000124214.19	54.481	33.100	0.702	8.53e-14

SERGEF	ENSG00000129158.10	20.589	12.275	0.702	4.49e-22
FAM204A	ENSG00000165669.13	17.970	10.660	0.702	3.60e-26
RTCA-AS1	ENSG00000224616.1	1.220	0.365	0.702	5.86e-31
AC005523.2	ENSG00000269604.1	10.530	6.095	0.701	1.11e-44
DNAJC2	ENSG00000105821.14	12.910	7.555	0.701	3.01e-24
PIH1D1	ENSG00000104872.10	57.432	34.950	0.701	2.27e-36
FAM134C	ENSG00000141699.10	23.051	13.795	0.701	1.16e-39
TAF9B	ENSG00000187325.4	5.730	3.140	0.701	3.51e-14
ATP6V0C	ENSG00000185883.10	129.193	79.159	0.700	6.01e-28
TNRC18	ENSG00000182095.14	14.490	8.535	0.700	9.24e-11
NCOA6	ENSG00000198646.13	8.470	4.830	0.700	1.92e-37
CUL7	ENSG00000044090.8	6.660	3.720	0.699	6.66e-21
TAF11	ENSG00000064995.16	16.570	9.820	0.699	2.45e-32
PSMC1	ENSG00000100764.13	63.561	38.779	0.699	3.91e-29
KLHL5	ENSG00000109790.16	16.310	9.665	0.699	3.60e-9
RMDN1	ENSG00000176623.11	35.451	21.450	0.699	2.90e-23
RP11-78A19.3	ENSG00000267165.1	7.670	4.340	0.699	1.09e-14
DDA1	ENSG00000130311.10	21.941	13.140	0.698	1.70e-17
DENND5A	ENSG00000184014.7	15.430	9.125	0.698	2.26e-16
EIF4EBP2	ENSG00000148730.6	26.270	15.810	0.698	1.44e-16
REEP5	ENSG00000129625.12	59.701	36.415	0.698	2.19e-25
MTCH1	ENSG00000137409.18	73.740	45.064	0.698	2.79e-23
TAF8	ENSG00000137413.15	5.360	2.920	0.698	1.31e-22
NEK7	ENSG00000151414.14	9.680	5.585	0.698	1.80e-9
GINS3	ENSG00000181938.13	1.530	0.560	0.698	6.12e-29
RING1	ENSG00000204227.4	30.930	18.685	0.698	5.47e-30
MRPL23	ENSG00000214026.10	95.107	58.229	0.698	2.52e-31
RAB30-AS1	ENSG00000246067.7	10.880	6.325	0.698	6.34e-30
APLP2	ENSG00000084234.16	156.530	96.198	0.697	1.50e-8
CEP68	ENSG00000011523.13	2.720	1.295	0.697	1.68e-37
TFRC	ENSG00000072274.12	14.310	8.445	0.697	3.14e-11
FBXO7	ENSG00000100225.17	59.759	36.471	0.697	1.43e-13
NCLN	ENSG00000125912.10	34.741	21.050	0.697	5.06e-31
PKLR	ENSG00000143627.17	44.301	26.945	0.697	1.54e-2
KIN	ENSG00000151657.11	5.040	2.725	0.697	1.27e-31
RNF25	ENSG00000163481.7	15.350	9.085	0.697	7.24e-47
PIGO	ENSG00000165282.13	14.580	8.610	0.697	4.80e-37
NPNT	ENSG00000168743.12	2.510	1.165	0.697	7.76e-9
GRINA	ENSG00000178719.16	310.467	191.075	0.697	6.72e-22
SAMD4B	ENSG00000179134.14	45.540	27.701	0.697	1.50e-35
ST20-MTHFS	ENSG00000259332.2	1.570	0.585	0.697	9.64e-15
ATP5B	ENSG00000110955.8	448.510	276.454	0.696	1.32e-33
C7orf49	ENSG00000122783.16	24.591	14.795	0.696	3.59e-22
CXCL11	ENSG00000169248.12	0.750	0.080	0.696	2.63e-12
KCTD3	ENSG00000136636.12	29.050	17.555	0.696	7.33e-16
PTPRG	ENSG00000144724.18	3.470	1.760	0.696	4.75e-11
PPP4C	ENSG00000149923.13	67.728	41.415	0.696	3.95e-34
ZBTB12	ENSG00000204366.3	1.300	0.420	0.696	8.93e-24
YIPF1	ENSG00000058799.13	25.149	15.150	0.695	1.17e-25
SUPT16H	ENSG00000092201.9	18.590	11.100	0.695	1.74e-29

SLC9A3R1	ENSG00000109062.9	163.539	100.649	0.695	1.42e-14
TDP2	ENSG00000111802.13	22.899	13.765	0.695	3.73e-34
FAM129B	ENSG00000136830.11	11.000	6.415	0.695	6.03e-5
ETV7	ENSG00000010030.13	1.500	0.545	0.694	9.48e-7
TMEM33	ENSG00000109133.12	15.460	9.175	0.694	6.23e-11
TSPAN3	ENSG00000140391.14	42.411	25.825	0.694	3.34e-11
TIMM8B	ENSG00000150779.11	51.399	31.390	0.694	3.34e-33
LYSMD1	ENSG00000163155.11	4.290	2.270	0.694	1.77e-29
UBE2L3	ENSG00000185651.14	27.100	16.365	0.694	1.68e-35
PDLIM7	ENSG00000196923.13	12.350	7.250	0.694	1.05e-12
FLJ20021	ENSG00000254531.1	4.970	2.690	0.694	2.38e-22
ATP6V1A	ENSG00000114573.9	14.010	8.285	0.693	9.55e-17
MPP6	ENSG00000105926.15	4.100	2.155	0.693	1.24e-13
RNF43	ENSG00000108375.12	4.770	2.570	0.693	2.89e-9
FAM104A	ENSG00000133193.12	7.970	4.550	0.693	9.29e-31
LRPPRC	ENSG00000138095.18	31.690	19.220	0.693	2.51e-38
TRMT61A	ENSG00000166166.12	6.890	3.880	0.693	2.00e-32
ZNF707	ENSG00000181135.15	4.150	2.185	0.693	3.54e-29
HIST1H3H	ENSG00000278828.1	1.610	0.615	0.693	5.26e-15
ACO2	ENSG00000100412.15	53.160	32.530	0.692	4.23e-19
AP2S1	ENSG00000042753.11	103.881	63.899	0.692	2.48e-31
DENR	ENSG00000139726.10	14.420	8.545	0.692	1.77e-28
NAGK	ENSG00000124357.12	36.001	21.905	0.692	7.33e-23
NUDT17	ENSG00000186364.11	1.690	0.665	0.692	1.53e-24
WDHD1	ENSG00000198554.11	1.020	0.250	0.692	2.59e-28
AARS2	ENSG00000124608.4	4.520	2.420	0.691	7.69e-25
APITD1	ENSG00000175279.21	8.790	5.065	0.691	2.37e-17
CFAP36	ENSG00000163001.11	10.060	5.850	0.691	6.84e-17
COG2	ENSG00000135775.13	8.000	4.575	0.691	8.39e-29
NT5C3B	ENSG00000141698.16	38.459	23.445	0.691	6.87e-15
NUDT21	ENSG00000167005.13	16.810	10.030	0.691	2.44e-18
ARHGEF18	ENSG00000104880.17	8.100	4.640	0.690	9.80e-17
C12orf49	ENSG00000111412.5	5.930	3.295	0.690	2.69e-13
CYP2R1	ENSG00000186104.10	9.730	5.650	0.690	1.14e-29
DDX56	ENSG00000136271.10	48.972	29.980	0.690	7.66e-31
NFE2L1	ENSG00000082641.15	66.031	40.555	0.690	3.60e-14
HSPA8	ENSG00000109971.13	387.942	240.100	0.690	1.47e-6
MRPL57	ENSG00000173141.4	20.510	12.330	0.690	2.17e-30
EAPP	ENSG00000129518.8	22.841	13.789	0.689	2.12e-27
ITPKC	ENSG00000086544.2	8.940	5.165	0.689	9.90e-11
KDELC1	ENSG00000134901.12	4.120	2.175	0.689	1.23e-18
PSMB7	ENSG00000136930.12	142.221	87.823	0.689	3.49e-34
NIPA2	ENSG00000140157.14	12.850	7.590	0.689	1.73e-14
CNPPD1	ENSG00000115649.15	29.321	17.825	0.688	5.57e-29
ERGIC2	ENSG00000087502.17	27.219	16.515	0.688	1.62e-15
TCFL5	ENSG00000101190.12	3.550	1.825	0.688	8.18e-30
POLR2I	ENSG00000105258.8	72.098	44.384	0.688	1.07e-32
TMEM59	ENSG00000116209.11	263.799	163.346	0.688	1.81e-27
WDR83	ENSG00000123154.11	7.660	4.375	0.688	1.20e-33
ZNF576	ENSG00000124444.15	11.530	6.780	0.688	3.20e-36

NAE1	ENSG00000159593.14	17.910	10.735	0.688	5.02e-35
PSMB8-AS1	ENSG00000204261.8	12.770	7.545	0.688	5.10e-14
ARPIN	ENSG00000242498.7	3.460	1.770	0.687	8.72e-25
RIOK2	ENSG00000058729.10	11.050	6.485	0.687	4.60e-35
NRSN2	ENSG00000125841.12	3.370	1.715	0.687	1.15e-11
SDE2	ENSG00000143751.9	5.720	3.175	0.687	9.50e-11
PRKAA2	ENSG00000162409.10	0.900	0.180	0.687	8.64e-16
TCEA1	ENSG00000187735.12	34.690	21.170	0.687	1.86e-19
ZNF766	ENSG00000196214.10	2.800	1.360	0.687	1.05e-32
HLA-E	ENSG00000204592.8	212.570	131.666	0.687	3.04e-13
TMEM191A	ENSG00000226287.7	5.400	2.975	0.687	4.40e-12
RP11-66N11.8	ENSG00000260081.1	1.720	0.690	0.687	1.01e-27
BAZ1B	ENSG00000009954.10	10.380	6.075	0.686	3.06e-14
C11orf49	ENSG00000149179.13	5.180	2.840	0.686	8.86e-16
NOX4	ENSG00000086991.12	0.770	0.100	0.686	8.39e-38
RASL12	ENSG00000103710.10	1.060	0.280	0.686	2.12e-31
SIPA1L2	ENSG00000116991.10	3.610	1.865	0.686	5.73e-8
VAMP8	ENSG00000118640.10	123.493	76.378	0.686	2.10e-15
LGALS1	ENSG00000119862.12	3.890	2.040	0.686	1.81e-22
KDM3B	ENSG00000120733.13	10.070	5.880	0.686	3.81e-14
WDR74	ENSG00000133316.15	30.781	18.760	0.686	3.53e-36
SULF1	ENSG00000137573.13	2.000	0.865	0.686	1.32e-9
RPL11	ENSG00000142676.12	1.018.689	632.599	0.686	2.68e-28
UBQLN4	ENSG00000160803.7	18.840	11.335	0.686	3.41e-26
NBPF14	ENSG00000270629.5	13.870	8.245	0.686	1.54e-10
ARL3	ENSG00000138175.8	3.550	1.830	0.685	1.27e-32
MOGAT3	ENSG00000106384.10	8.100	4.660	0.685	2.38e-4
MOB1A	ENSG00000114978.17	12.340	7.295	0.685	3.31e-12
PAQR5	ENSG00000137819.13	1.050	0.275	0.685	1.24e-10
PIGK	ENSG00000142892.14	9.190	5.340	0.685	1.41e-10
ZNF749	ENSG00000186230.6	4.120	2.185	0.685	2.34e-10
RP11-392P7.6	ENSG00000247498.9	3.960	2.085	0.685	9.73e-24
MPV17L2	ENSG00000254858.9	11.440	6.735	0.685	9.38e-23
ARL6IP4	ENSG00000182196.13	205.913	127.777	0.684	7.33e-44
CLDN5	ENSG00000184113.9	10.480	6.145	0.684	8.24e-9
NCBP2	ENSG00000114503.10	19.040	11.470	0.684	6.46e-24
TACC2	ENSG00000138162.17	9.590	5.590	0.684	8.76e-23
RP11-314A20.1	ENSG00000213939.4	1.080	0.295	0.684	4.53e-30
CEBPZ	ENSG00000115816.13	21.459	12.985	0.683	4.92e-32
CNN3	ENSG00000117519.15	63.862	39.400	0.683	1.71e-7
EMC10	ENSG00000161671.16	75.258	46.510	0.683	3.01e-19
LYSMD2	ENSG00000140280.13	11.410	6.730	0.683	2.88e-11
TYSND1	ENSG00000156521.13	7.910	4.550	0.683	6.79e-23
NCK1-AS1	ENSG00000239213.5	2.170	0.975	0.683	6.60e-35
ASPSCR1	ENSG00000169696.15	44.789	27.540	0.682	6.61e-18
CSRP2BP	ENSG00000149474.13	5.930	3.320	0.682	1.18e-22
ZNF668	ENSG00000167394.12	3.180	1.605	0.682	6.85e-40
SRP72	ENSG00000174780.15	26.981	16.440	0.682	1.15e-18
RUFY1	ENSG00000176783.14	19.981	12.080	0.682	3.90e-29
SNHG17	ENSG00000196756.11	17.259	10.385	0.682	8.43e-17

SLC9A6	ENSG00000198689.9	3.020	1.505	0.682	3.55e-23
ADH5	ENSG00000197894.10	140.341	87.144	0.681	1.19e-11
ASB1	ENSG00000065802.11	8.310	4.805	0.681	2.19e-15
DDX50	ENSG00000107625.12	9.530	5.570	0.681	3.21e-21
EDIL3	ENSG00000164176.12	0.780	0.110	0.681	8.58e-20
RTCB	ENSG00000100220.11	39.549	24.294	0.681	8.23e-16
ZNHIT1	ENSG00000106400.11	126.473	78.490	0.681	1.55e-24
G3BP1	ENSG00000145907.14	25.509	15.540	0.681	1.26e-12
HIST1H2BD	ENSG00000158373.8	30.651	18.740	0.681	1.61e-5
HMCES	ENSG00000183624.13	25.710	15.660	0.681	1.48e-25
RWDD1	ENSG00000111832.12	25.109	15.295	0.680	1.34e-24
SMUG1	ENSG00000123415.14	31.390	19.215	0.680	3.73e-42
KLHL23	ENSG00000213160.9	3.230	1.640	0.680	3.04e-20
S1PR2	ENSG00000267534.2	3.590	1.865	0.680	8.41e-10
CD9	ENSG00000010278.11	39.921	24.553	0.679	8.88e-5
ZPR1	ENSG00000109917.10	22.650	13.775	0.679	8.95e-13
LY86	ENSG00000112799.8	2.250	1.030	0.679	4.61e-7
SLC35E3	ENSG00000175782.9	5.370	2.980	0.679	9.81e-32
SFT2D2	ENSG00000213064.9	5.620	3.135	0.679	1.42e-29
ANKH	ENSG00000154122.12	38.300	23.560	0.678	8.03e-15
FRG1	ENSG00000109536.11	20.269	12.295	0.678	1.67e-31
VIMP	ENSG00000131871.14	53.471	33.039	0.678	2.06e-20
HIST2H2BD	ENSG00000220323.3	1.800	0.750	0.678	3.72e-24
ZNF561-AS1	ENSG00000267106.5	3.080	1.550	0.678	4.23e-26
AKR1B1	ENSG00000085662.13	9.320	5.455	0.677	9.55e-8
CEP112	ENSG00000154240.16	2.590	1.245	0.677	2.83e-24
DOHH	ENSG00000129932.7	7.400	4.255	0.677	6.98e-31
ECI2	ENSG00000198721.12	141.033	87.860	0.677	5.40e-11
GPR137B	ENSG00000077585.13	6.770	3.860	0.677	6.92e-5
MOSPD1	ENSG00000101928.12	3.670	1.920	0.677	1.03e-17
OTUD6B	ENSG00000155100.10	2.780	1.365	0.677	2.13e-19
MX1	ENSG00000157601.13	14.250	8.540	0.677	3.04e-3
SEN3	ENSG00000161956.12	23.950	14.605	0.677	7.98e-25
NDUFB8	ENSG00000166136.15	185.618	115.735	0.677	3.08e-26
SERTAD3	ENSG00000167565.12	11.090	6.560	0.677	1.12e-22
TMEM208	ENSG00000168701.18	86.822	53.921	0.677	4.47e-31
RPS6KA3	ENSG00000177189.12	12.980	7.745	0.677	5.55e-6
SEP15	ENSG00000183291.15	106.159	66.011	0.677	8.88e-18
MRPL40	ENSG00000185608.8	49.790	30.764	0.677	2.68e-29
IPO7	ENSG00000205339.9	13.850	8.290	0.677	1.28e-8
MYCBP	ENSG00000214114.8	7.960	4.605	0.677	4.03e-21
IGSF23	ENSG00000216588.8	8.070	4.672	0.677	2.53e-3
LSM14A	ENSG00000257103.8	27.549	16.860	0.677	4.05e-13
ADGRG1	ENSG00000205336.11	3.640	1.905	0.676	1.47e-11
CALML4	ENSG00000129007.14	12.360	7.360	0.676	5.54e-12
NQO2	ENSG00000124588.19	74.832	46.460	0.676	1.46e-5
SSUH2	ENSG00000125046.14	0.830	0.145	0.676	4.13e-16
MRPS7	ENSG00000125445.10	54.108	33.500	0.676	1.37e-40
MBOAT7	ENSG00000125505.16	23.039	14.050	0.676	4.23e-24
NGDN	ENSG00000129460.15	25.100	15.340	0.676	8.69e-34

TMEM62	ENSG00000137842.6	9.800	5.760	0.676	2.59e-24
MALSU1	ENSG00000156928.4	48.180	29.785	0.676	3.39e-34
WDR43	ENSG00000163811.11	7.870	4.550	0.676	6.78e-11
MFSD3	ENSG00000167700.8	26.800	16.395	0.676	3.08e-22
PPP1CB	ENSG00000213639.9	24.630	15.044	0.676	4.06e-14
RP11-54C4.3	ENSG00000275765.4	2.530	1.210	0.676	1.91e-24
BAIAP2L1	ENSG00000006453.13	18.661	11.315	0.675	1.77e-6
BDKRB2	ENSG00000168398.6	0.820	0.140	0.675	8.62e-15
CHD1L	ENSG00000131778.17	21.290	12.960	0.675	2.07e-15
COIL	ENSG00000121058.4	6.350	3.605	0.675	4.89e-27
DNAJB6	ENSG00000105993.14	30.519	18.745	0.675	4.04e-18
RPUSD1	ENSG00000007376.7	8.680	5.065	0.675	2.78e-30
TTL	ENSG00000114999.7	6.040	3.410	0.675	5.78e-20
PPP1R8	ENSG00000117751.17	11.010	6.520	0.675	9.33e-19
ZBTB8OS	ENSG00000176261.15	26.330	16.115	0.675	1.52e-34
PRELID1P1	ENSG00000217325.2	0.820	0.140	0.675	1.96e-33
CTR9	ENSG00000198730.7	12.050	7.180	0.674	2.91e-10
MBNL3	ENSG00000076770.14	12.300	7.335	0.674	1.05e-4
PATZ1	ENSG00000100105.17	12.040	7.175	0.674	2.95e-20
PGF	ENSG00000119630.13	3.540	1.845	0.674	9.09e-11
ENTPD1	ENSG00000138185.16	2.590	1.250	0.674	1.39e-19
GYG1	ENSG00000163754.17	9.640	5.670	0.674	2.25e-12
SUMO3	ENSG00000184900.15	38.459	23.735	0.674	6.12e-20
HGS	ENSG00000185359.12	56.909	35.299	0.674	7.76e-33
METTL9	ENSG00000197006.13	10.270	6.065	0.674	3.88e-13
RP5-1148A21.3	ENSG00000266680.1	3.100	1.570	0.674	2.36e-13
C1orf210	ENSG00000253313.5	2.730	1.340	0.673	1.49e-6
CCDC53	ENSG00000120860.10	22.450	13.710	0.673	4.51e-20
CD99	ENSG00000002586.17	162.005	101.215	0.673	2.35e-21
DNAJC15	ENSG00000120675.5	9.920	5.850	0.673	1.03e-7
MDH2	ENSG00000146701.11	149.457	93.380	0.673	4.76e-17
MED7	ENSG00000155868.7	5.830	3.285	0.673	1.98e-38
ITGA5	ENSG00000161638.10	33.029	20.345	0.673	7.50e-9
JOSD2	ENSG00000161677.11	26.841	16.475	0.672	2.85e-16
NMNAT3	ENSG00000163864.14	3.190	1.630	0.672	1.63e-10
GPR176	ENSG00000166073.8	1.390	0.500	0.672	1.37e-10
HOMEZ	ENSG00000215271.7	4.800	2.640	0.672	1.28e-28
ARMC7	ENSG00000125449.6	8.450	4.935	0.671	1.46e-24
ATG10	ENSG00000152348.15	3.560	1.865	0.671	1.36e-38
PPAN	ENSG00000130810.19	19.110	11.630	0.671	1.11e-21
MED10	ENSG00000133398.3	16.190	9.795	0.671	4.64e-23
MAP3K7CL	ENSG00000156265.15	3.800	2.015	0.671	4.33e-15
TSPAN18	ENSG00000157570.11	2.320	1.085	0.671	3.91e-13
AP5Z1	ENSG00000242802.6	16.050	9.715	0.670	4.38e-33
C19orf24	ENSG00000228300.13	80.242	50.049	0.670	4.01e-30
CYB5B	ENSG00000103018.16	29.999	18.489	0.670	1.03e-12
MCOLN1	ENSG00000090674.15	18.850	11.480	0.670	8.90e-33
GPR89A	ENSG00000117262.18	12.910	7.740	0.670	5.35e-29
POLR3F	ENSG00000132664.11	3.550	1.860	0.670	6.29e-36
SEP5	ENSG00000184702.17	2.970	1.495	0.670	1.60e-13

AC018738.2	ENSG00000237039.1	0.590	0.000	0.669	1.98e-7
CBWD1	ENSG00000172785.18	16.420	9.960	0.669	3.51e-22
MICALL1	ENSG00000100139.13	5.170	2.880	0.669	2.03e-17
LZTS2	ENSG00000107816.17	9.620	5.680	0.669	3.95e-16
STK32C	ENSG00000165752.16	3.930	2.100	0.669	2.84e-24
RP6-65G23.3	ENSG00000259153.1	0.860	0.170	0.669	1.04e-25
EDEM2	ENSG00000088298.12	23.550	14.450	0.668	2.34e-32
RHBDD3	ENSG00000100263.13	16.320	9.900	0.668	2.43e-25
LIMD2	ENSG00000136490.8	8.000	4.665	0.668	6.54e-6
MTFR2	ENSG00000146410.11	0.780	0.120	0.668	1.38e-30
NINJ2	ENSG00000171840.11	8.650	5.075	0.668	6.03e-5
MIR4458HG	ENSG00000247516.4	5.110	2.845	0.668	1.43e-9
LA16c-390E6.5	ENSG00000261641.2	10.690	6.360	0.668	1.82e-15
MRPL12	ENSG00000262814.6	107.098	67.034	0.668	3.33e-29
COPS7A	ENSG00000111652.9	38.361	23.790	0.667	6.92e-26
MBTPS2	ENSG0000012174.11	5.770	3.265	0.667	1.77e-12
NAA50	ENSG00000121579.12	31.219	19.295	0.667	8.37e-12
HSPA2	ENSG00000126803.9	2.540	1.230	0.667	4.29e-7
TIMM8A	ENSG00000126953.5	7.600	4.415	0.667	2.76e-24
NPL	ENSG00000135838.13	8.460	4.960	0.667	2.04e-7
IRF2BP1	ENSG00000170604.4	13.670	8.240	0.667	3.75e-26
UBR5-AS1	ENSG00000246263.2	2.390	1.135	0.667	3.35e-30
AGFG1	ENSG00000173744.17	16.880	10.270	0.666	9.40e-9
AKT1S1	ENSG00000204673.10	34.350	21.280	0.666	2.23e-31
BAG2	ENSG00000112208.11	2.720	1.345	0.666	2.01e-22
C2orf68	ENSG00000168887.10	16.900	10.280	0.666	8.96e-30
DKK3	ENSG00000050165.17	6.820	3.930	0.666	6.35e-7
DYNC1L1	ENSG00000144635.8	9.070	5.345	0.666	3.46e-27
THADA	ENSG00000115970.18	10.160	6.035	0.666	2.55e-6
WWP1	ENSG00000123124.13	28.050	17.310	0.666	5.28e-8
FRMD8	ENSG00000126391.13	7.530	4.375	0.666	6.32e-18
PDCL	ENSG00000136940.13	3.300	1.710	0.666	8.60e-24
GLTP	ENSG00000139433.9	9.520	5.630	0.666	3.00e-24
APOPT1	ENSG00000256053.7	23.569	14.495	0.665	7.44e-27
ARF4	ENSG00000168374.10	98.550	61.795	0.665	1.27e-11
NDFIP1	ENSG00000131507.10	45.229	28.160	0.665	5.40e-23
RARA	ENSG00000131759.17	23.079	14.185	0.665	7.23e-13
RPL7L1	ENSG00000146223.14	27.599	17.040	0.665	2.24e-16
GINS4	ENSG00000147536.11	0.950	0.230	0.665	7.22e-19
FBXO27	ENSG00000161243.8	4.620	2.545	0.665	1.80e-8
HLA-DQB2	ENSG00000232629.8	0.950	0.230	0.665	1.22e-10
ATP5F1	ENSG00000116459.10	161.422	101.535	0.664	1.55e-21
CDYL	ENSG00000153046.17	3.500	1.840	0.664	2.17e-19
GPR108	ENSG00000125734.13	51.649	32.225	0.664	6.82e-30
UQCR11	ENSG00000127540.11	229.985	144.792	0.664	1.15e-28
KIF5B	ENSG00000170759.10	12.020	7.220	0.664	1.37e-14
RP1-278E11.3	ENSG00000180211.5	1.060	0.300	0.664	1.01e-31
RPS27L	ENSG00000185088.12	138.083	86.765	0.664	2.68e-15
AP1B1	ENSG00000100280.16	23.321	14.360	0.663	7.68e-17
CPXM1	ENSG00000088882.7	0.710	0.080	0.663	2.15e-18

EIF4E2	ENSG00000135930.13	49.169	30.684	0.663	5.28e-36
SYNJ2	ENSG00000078269.13	2.920	1.475	0.663	1.47e-15
PRDX6	ENSG00000117592.8	403.548	254.460	0.663	1.56e-21
YME1L1	ENSG00000136758.18	26.591	16.420	0.663	8.96e-10
LINC00116	ENSG00000175701.10	49.019	30.600	0.663	2.17e-11
LIPE-AS1	ENSG00000213904.8	1.550	0.610	0.663	4.52e-18
CHMP4A	ENSG00000254505.8	35.070	21.790	0.662	4.15e-5
RANBP1	ENSG00000099901.16	64.740	40.559	0.662	3.08e-23
TCP1	ENSG00000120438.11	67.018	41.999	0.662	1.78e-15
EXOC3L2	ENSG00000130201.7	3.020	1.540	0.662	7.79e-16
ZNF593	ENSG00000142684.7	12.790	7.715	0.662	1.17e-17
FADS1	ENSG00000149485.16	16.829	10.265	0.662	3.01e-4
GIMAP7	ENSG00000179144.4	6.350	3.645	0.662	1.01e-6
SREBF2	ENSG00000198911.11	30.640	18.994	0.662	4.39e-13
RP4-781K5.2	ENSG00000228830.1	43.600	27.190	0.662	1.98e-10
BCL2L1	ENSG00000171552.12	48.080	30.030	0.661	8.18e-13
LIG3	ENSG00000005156.11	6.130	3.510	0.661	2.20e-14
XAB2	ENSG00000076924.11	20.589	12.655	0.661	2.52e-37
PRSS23	ENSG00000150687.11	5.680	3.225	0.661	4.58e-5
TOR1AIP2	ENSG00000169905.12	18.810	11.525	0.661	8.00e-19
PPP1R2	ENSG00000184203.7	9.950	5.925	0.661	1.68e-16
BLMH	ENSG00000108578.14	8.760	5.175	0.660	8.12e-8
VPS18	ENSG00000104142.10	7.530	4.400	0.660	8.59e-29
TSFM	ENSG00000123297.16	33.700	20.959	0.660	7.75e-27
RNF121	ENSG00000137522.17	11.710	7.045	0.660	6.73e-19
ZNF787	ENSG00000142409.5	24.640	15.230	0.660	9.54e-32
ZBED5-AS1	ENSG00000247271.6	8.830	5.220	0.660	3.27e-21
HEIH	ENSG00000278970.1	14.300	8.680	0.660	7.21e-30
CHMP5	ENSG00000086065.13	32.719	20.355	0.659	5.43e-14
CNIH3	ENSG00000143786.7	2.080	0.950	0.659	5.73e-24
DYRK1B	ENSG00000105204.13	4.880	2.725	0.659	7.25e-20
RFC5	ENSG00000111445.13	6.550	3.780	0.659	8.63e-19
VASP	ENSG00000125753.13	24.460	15.120	0.659	2.00e-17
TARS2	ENSG00000143374.14	20.081	12.350	0.659	3.38e-24
SNUPN	ENSG00000169371.13	11.880	7.160	0.659	8.54e-36
RP13-1039J1.4	ENSG00000273471.1	1.660	0.685	0.659	6.80e-7
RDM1	ENSG00000278023.4	0.690	0.070	0.659	3.31e-31
AK4P1	ENSG00000263535.1	3.220	1.675	0.658	1.56e-3
PRRC2C	ENSG00000117523.15	19.610	12.065	0.658	9.80e-15
XPO5	ENSG00000124571.17	9.210	5.470	0.658	3.66e-26
PDXK	ENSG00000160209.18	38.781	24.219	0.658	1.34e-21
RPL36AL	ENSG00000165502.6	219.442	138.754	0.658	1.51e-29
NAIF1	ENSG00000171169.8	5.850	3.340	0.658	5.82e-44
GTF2F2	ENSG00000188342.11	6.290	3.620	0.658	2.39e-27
FAM53B	ENSG00000189319.13	2.810	1.415	0.658	2.66e-20
ZNF138	ENSG00000197008.9	2.440	1.180	0.658	4.32e-31
BCR	ENSG00000186716.19	15.710	9.600	0.657	4.91e-17
BFAR	ENSG00000103429.10	17.400	10.670	0.657	4.00e-22
CA12	ENSG00000074410.13	0.750	0.110	0.657	6.52e-13
CD44	ENSG00000026508.16	9.050	5.375	0.657	6.64e-6

RNFT2	ENSG00000135119.14	0.750	0.110	0.657	1.73e-28
AAGAB	ENSG00000103591.12	10.790	6.485	0.656	1.05e-28
BRF2	ENSG00000104221.12	4.840	2.705	0.656	1.94e-24
CDC37	ENSG00000105401.6	89.182	56.220	0.656	1.01e-31
TM9SF4	ENSG00000101337.15	22.050	13.625	0.656	1.19e-25
GNPTAB	ENSG00000111670.14	6.030	3.460	0.656	5.28e-19
SNX6	ENSG00000129515.18	13.470	8.185	0.656	6.08e-10
FBXW9	ENSG00000132004.12	3.500	1.855	0.656	1.79e-26
PUSL1	ENSG00000169972.11	8.360	4.940	0.656	8.00e-22
TRIM8	ENSG00000171206.13	35.370	22.075	0.656	2.41e-12
CHID1	ENSG00000177830.17	69.271	43.640	0.655	7.10e-24
TMEM219	ENSG00000149932.16	119.187	75.321	0.655	2.92e-30
MAPK1IP1L	ENSG00000168175.14	16.670	10.225	0.655	1.69e-15
RM11	ENSG00000178966.15	2.440	1.185	0.655	1.95e-18
TMX2	ENSG00000213593.9	54.749	34.415	0.655	7.10e-24
MSL3P1	ENSG00000224287.2	1.920	0.855	0.655	9.61e-18
MRPL20	ENSG00000242485.5	109.720	69.319	0.655	2.62e-28
CINP	ENSG00000100865.14	22.960	14.230	0.654	6.78e-36
COG5	ENSG00000164597.13	4.380	2.420	0.654	3.90e-17
PTBP3	ENSG00000119314.15	6.040	3.475	0.654	3.34e-17
SAP130	ENSG00000136715.17	4.950	2.780	0.654	6.39e-19
HIRIP3	ENSG00000149929.15	10.910	6.570	0.654	1.30e-23
KLC2	ENSG00000174996.11	4.830	2.705	0.654	8.38e-18
MCRS1	ENSG00000187778.13	24.650	15.300	0.654	6.84e-35
C19orf68	ENSG00000185453.12	2.160	1.010	0.653	2.45e-41
CMC2	ENSG00000103121.8	52.760	33.179	0.653	6.72e-26
MTMR11	ENSG00000014914.19	3.410	1.805	0.653	1.58e-9
STARD7	ENSG00000084090.13	37.059	23.200	0.653	9.32e-22
KDM5B	ENSG00000117139.16	4.440	2.460	0.653	2.55e-11
FOXP4	ENSG00000137166.14	16.381	10.055	0.653	5.14e-16
SSB	ENSG00000138385.15	35.540	22.230	0.653	1.03e-20
SNRNP200	ENSG00000144028.14	44.369	27.845	0.653	1.73e-20
RNPS1	ENSG00000205937.11	45.041	28.280	0.653	2.89e-22
RPS24P8	ENSG00000224094.1	0.950	0.240	0.653	2.63e-29
RP11-638I2.6	ENSG00000258504.2	6.360	3.680	0.653	2.01e-12
ACAD9	ENSG00000177646.17	20.069	12.405	0.652	1.53e-40
ANKRD16	ENSG00000134461.15	3.430	1.820	0.652	2.05e-25
C17orf53	ENSG00000125319.14	0.940	0.235	0.652	7.47e-33
CTD-2006C1.2	ENSG00000219665.8	2.230	1.055	0.652	2.69e-24
DBNL	ENSG00000136279.18	36.650	22.960	0.652	1.85e-30
TMEM171	ENSG00000157111.12	1.820	0.795	0.652	3.68e-10
NEURL3	ENSG00000163121.9	1.710	0.725	0.652	9.77e-8
TUFM	ENSG00000178952.8	171.171	108.578	0.652	9.65e-34
CHMP6	ENSG00000176108.9	19.849	12.275	0.651	1.02e-32
DCTN4	ENSG00000132912.12	12.060	7.315	0.651	1.17e-26
EFCAB2	ENSG00000203666.12	6.740	3.930	0.651	2.39e-17
HMGB3	ENSG00000029993.14	42.071	26.430	0.651	1.39e-6
HSPE1	ENSG00000115541.10	330.017	209.760	0.651	1.03e-15
MARVELD3	ENSG00000140832.9	3.930	2.140	0.651	2.40e-9
UBE2V2	ENSG00000169139.11	29.100	18.170	0.651	1.54e-22

PLEC	ENSG00000178209.14	15.960	9.800	0.651	1.22e-12
ANKS1B	ENSG00000185046.18	0.820	0.160	0.650	1.55e-22
CD3EAP	ENSG00000117877.10	1.880	0.835	0.650	6.69e-17
CSRP2	ENSG00000175183.9	23.940	14.894	0.650	1.45e-7
SFRP4	ENSG00000106483.11	0.820	0.160	0.650	5.71e-15
RPP25L	ENSG00000164967.9	34.530	21.645	0.650	1.32e-28
SERINC2	ENSG00000168528.11	110.330	69.939	0.650	4.28e-6
CCDC137	ENSG00000185298.12	9.640	5.785	0.649	3.69e-28
IFIH1	ENSG00000115267.5	5.250	2.985	0.649	2.52e-7
PKIB	ENSG00000135549.14	2.380	1.155	0.649	2.58e-9
VMA21	ENSG00000160131.13	5.820	3.350	0.649	1.12e-28
TMEM201	ENSG00000188807.12	2.410	1.175	0.649	8.62e-24
PLEKHO2	ENSG00000241839.9	4.960	2.800	0.649	1.51e-11
AHCY	ENSG00000101444.12	116.170	73.784	0.648	2.01e-18
TINF2	ENSG00000092330.15	21.810	13.560	0.648	1.43e-36
SMAP1	ENSG00000112305.14	8.300	4.935	0.648	3.76e-20
GBP3	ENSG00000117226.11	6.460	3.760	0.648	2.75e-4
EVA1B	ENSG00000142694.6	7.030	4.125	0.648	5.93e-12
USP1	ENSG00000162607.12	5.360	3.060	0.648	3.79e-18
ZNRF1	ENSG00000186187.11	11.590	7.035	0.648	3.79e-27
ZKSCAN3	ENSG00000189298.13	1.680	0.710	0.648	2.92e-25
RP11-96L14.7	ENSG00000236782.5	1.420	0.545	0.648	4.77e-8
TXNDC5	ENSG00000239264.8	73.960	46.830	0.648	6.81e-6
GTF2IP1	ENSG00000277053.4	29.449	18.435	0.648	9.14e-26
C16orf13	ENSG00000130731.15	55.819	35.275	0.647	3.28e-29
RBBP9	ENSG00000089050.14	7.200	4.235	0.647	4.08e-6
LSR	ENSG00000105699.16	96.589	61.341	0.647	2.31e-2
WDR61	ENSG00000140395.8	28.889	18.090	0.647	7.47e-36
GPR107	ENSG00000148358.19	7.770	4.600	0.647	1.11e-16
KCTD2	ENSG00000180901.10	6.760	3.955	0.647	5.54e-24
YAE1D1	ENSG00000241127.7	7.980	4.735	0.647	1.80e-24
AC079922.2	ENSG00000231747.1	0.870	0.195	0.646	2.14e-27
C17orf75	ENSG00000108666.9	7.840	4.650	0.646	2.05e-27
C5orf22	ENSG00000082213.17	6.230	3.620	0.646	1.81e-20
GCLM	ENSG00000023909.9	12.390	7.559	0.646	1.16e-5
TIPIN	ENSG00000075131.9	2.990	1.550	0.646	4.63e-26
MAPK1	ENSG00000100030.14	10.380	6.275	0.646	8.70e-7
JAGN1	ENSG00000171135.12	28.150	17.625	0.646	3.59e-27
MRFAP1	ENSG00000179010.14	156.215	99.484	0.646	3.03e-25
FAM200B	ENSG00000237765.6	20.890	12.985	0.646	4.90e-22
BSCL2	ENSG00000168000.14	43.459	27.426	0.645	6.03e-12
PPP2R5C	ENSG00000078304.19	43.480	27.450	0.645	6.06e-33
MAD2L2	ENSG00000116670.14	30.420	19.100	0.645	4.34e-17
PREX1	ENSG00000124126.13	4.270	2.370	0.645	5.87e-12
HIP1	ENSG00000127946.16	4.840	2.735	0.645	1.52e-10
TMEM165	ENSG00000134851.12	12.700	7.760	0.645	9.44e-10
RPP38	ENSG00000152464.14	11.770	7.165	0.645	5.52e-35
SRGAP2B	ENSG00000196369.10	2.010	0.925	0.645	1.45e-11
PCBP2	ENSG00000197111.15	304.795	194.610	0.645	1.15e-16
CYP11A1	ENSG00000140459.17	2.860	1.470	0.644	3.06e-3

MESDC2	ENSG00000117899.10	13.730	8.425	0.644	2.17e-26
RNF2	ENSG00000121481.10	3.220	1.700	0.644	1.28e-12
TCEAL4	ENSG00000133142.17	62.141	39.400	0.644	8.16e-15
HNMT	ENSG00000150540.13	67.611	42.900	0.644	6.54e-9
SAP30BP	ENSG00000161526.14	41.320	26.075	0.644	6.56e-38
TIGD6	ENSG00000164296.6	2.360	1.150	0.644	3.50e-41
PPFIA3	ENSG00000177380.13	5.620	3.235	0.644	1.34e-22
ARHGAP18	ENSG00000146376.10	2.030	0.940	0.643	6.33e-18
ARPP19	ENSG00000128989.10	14.870	9.165	0.643	9.02e-13
BLOC1S4	ENSG00000186222.4	6.910	4.065	0.643	2.50e-33
DDX6	ENSG00000110367.11	10.930	6.640	0.643	5.05e-11
TSSC1	ENSG00000032389.12	10.300	6.235	0.643	9.45e-25
TFAP4	ENSG00000090447.11	4.160	2.305	0.643	1.11e-24
TGFB1	ENSG00000105329.9	10.050	6.075	0.643	8.50e-7
LSM5	ENSG00000106355.9	39.289	24.803	0.643	4.63e-23
LHFPL2	ENSG00000145685.13	1.850	0.825	0.643	9.03e-10
HYOU1	ENSG00000149428.18	70.790	44.960	0.643	5.27e-8
OSGIN2	ENSG00000164823.9	5.510	3.170	0.643	5.16e-12
ITFG3	ENSG00000167930.15	29.829	18.745	0.643	1.22e-13
MAN1B1	ENSG00000177239.14	34.750	21.894	0.643	7.18e-33
ZSCAN16	ENSG00000196812.4	2.810	1.440	0.643	1.57e-25
AMICA1	ENSG00000160593.17	5.010	2.850	0.642	3.00e-8
FH	ENSG00000091483.6	122.581	78.169	0.642	5.52e-18
PDCD10	ENSG00000114209.14	16.360	10.125	0.642	1.35e-11
LRRRC61	ENSG00000127399.14	15.100	9.320	0.642	2.15e-13
TBCD	ENSG00000141556.20	47.491	30.080	0.642	5.54e-37
LYAR	ENSG00000145220.13	7.100	4.190	0.642	2.36e-18
NT5M	ENSG00000205309.13	1.700	0.730	0.642	3.76e-22
TRBV25-1	ENSG00000211751.7	5.290	3.030	0.642	3.79e-7
SUMO1P4	ENSG00000235555.1	0.560	0.000	0.642	4.78e-13
AMBRA1	ENSG00000110497.14	6.940	4.090	0.641	8.07e-17
CH17-472G23.2	ENSG00000223804.5	11.620	7.095	0.641	2.73e-8
NT5C	ENSG00000125458.6	24.439	15.310	0.641	1.68e-25
PRPF38A	ENSG00000134748.12	9.320	5.620	0.641	2.61e-24
NDUFA9	ENSG00000139180.10	66.192	42.080	0.641	4.89e-31
SOGA1	ENSG00000149639.14	0.980	0.270	0.641	3.71e-27
PSKH1	ENSG00000159792.9	8.300	4.965	0.641	1.64e-16
TSPAN10	ENSG00000182612.10	1.090	0.340	0.641	4.35e-16
NHEJ1	ENSG00000187736.12	6.690	3.930	0.641	9.35e-18
OTUD7B	ENSG00000264522.5	4.030	2.225	0.641	6.77e-23
NCBP2-AS2	ENSG00000270170.1	12.860	7.890	0.641	3.39e-30
C1orf27	ENSG00000157181.14	10.770	6.555	0.640	1.15e-19
GFER	ENSG00000127554.12	27.469	17.275	0.640	3.32e-30
RP11-404P21.3	ENSG00000258793.1	0.730	0.110	0.640	1.46e-13
ABI1	ENSG00000136754.16	11.430	6.980	0.639	1.19e-13
AKR7A2	ENSG00000053371.12	43.329	27.460	0.639	1.18e-18
CCDC58	ENSG00000160124.9	28.610	18.015	0.639	4.11e-33
DUSP3	ENSG00000108861.8	46.372	29.425	0.639	3.07e-26
DUSP7	ENSG00000164086.9	3.400	1.825	0.639	1.40e-18
EGLN1	ENSG00000135766.8	15.420	9.545	0.639	7.58e-13

GDI2	ENSG00000057608.16	87.510	55.844	0.639	2.11e-18
mar/02	ENSG00000099785.10	31.421	19.821	0.639	2.46e-23
KTN1	ENSG00000126777.17	45.841	29.079	0.639	8.58e-19
SEMA4F	ENSG00000135622.12	1.180	0.400	0.639	7.11e-18
XXYLT1	ENSG00000173950.15	1.710	0.740	0.639	6.12e-23
SUPT3H	ENSG00000196284.13	2.100	0.990	0.639	2.15e-24
TMPO-AS1	ENSG00000257167.2	0.900	0.220	0.639	5.25e-35
CD83	ENSG00000112149.9	2.120	1.005	0.638	7.49e-6
CHTF18	ENSG00000127586.16	4.580	2.585	0.638	6.08e-23
COX16	ENSG00000133983.14	37.830	23.960	0.638	4.79e-34
KLHL22	ENSG00000099910.16	7.030	4.160	0.638	2.19e-25
PRPS2	ENSG00000101911.12	8.810	5.305	0.638	2.81e-8
TNIP1	ENSG00000145901.14	65.421	41.684	0.638	3.61e-17
JUP	ENSG00000173801.16	47.570	30.214	0.638	2.70e-19
TMEM64	ENSG00000180694.13	6.720	3.960	0.638	2.05e-6
YIPF6	ENSG00000181704.11	12.290	7.540	0.638	1.70e-15
GTF2H2C	ENSG00000183474.15	9.390	5.675	0.638	4.36e-12
LEPROT	ENSG00000213625.8	20.569	12.860	0.638	2.39e-14
C2	ENSG00000166278.14	433.412	278.377	0.637	8.07e-8
CCDC71	ENSG00000177352.9	8.220	4.930	0.637	9.04e-23
DHRS11	ENSG00000278535.4	10.580	6.445	0.637	1.58e-20
ZBTB45	ENSG00000119574.12	4.200	2.345	0.637	1.02e-28
SLC16A3	ENSG00000141526.14	4.980	2.845	0.637	4.09e-8
TMEM218	ENSG00000150433.9	11.940	7.320	0.637	1.49e-15
TMEM55A	ENSG00000155099.7	2.250	1.090	0.637	6.78e-8
LSM12	ENSG00000161654.9	17.550	10.930	0.637	2.97e-29
ZNF143	ENSG00000166478.9	7.030	4.165	0.637	3.63e-18
PRMT3	ENSG00000185238.12	3.720	2.035	0.637	2.83e-19
SYS1	ENSG00000204070.9	18.410	11.480	0.637	4.67e-19
CHAF1B	ENSG00000159259.7	0.880	0.210	0.636	2.06e-25
XRN2	ENSG00000088930.7	16.020	9.955	0.636	3.43e-8
FGD1	ENSG00000102302.7	1.160	0.390	0.636	2.14e-22
YPEL5	ENSG00000119801.12	31.650	20.005	0.636	2.01e-19
SLC35E1	ENSG00000127526.13	11.430	7.000	0.636	3.69e-32
LLGL1	ENSG00000131899.10	2.170	1.040	0.636	2.73e-19
FAM60A	ENSG00000139146.13	4.090	2.275	0.636	4.00e-8
POP7	ENSG00000172336.4	34.741	22.005	0.636	4.65e-25
SNHG19	ENSG00000260260.1	32.540	20.584	0.636	5.17e-8
ELMO1	ENSG00000155849.15	14.940	9.265	0.635	2.65e-14
PARP4	ENSG00000102699.5	9.250	5.600	0.635	7.90e-10
SMG7	ENSG00000116698.20	13.120	8.090	0.635	1.55e-24
SNRNP27	ENSG00000124380.10	17.780	11.090	0.635	7.59e-17
IL17D	ENSG00000172458.4	0.910	0.230	0.635	4.35e-20
ACSL3	ENSG00000123983.13	32.590	20.649	0.634	2.98e-11
CEMP1	ENSG00000205923.3	5.170	2.975	0.634	6.24e-14
DANCR	ENSG00000226950.6	27.801	17.565	0.634	2.08e-7
KCTD20	ENSG00000112078.13	13.810	8.540	0.634	1.36e-10
GMDS	ENSG00000112699.10	22.050	13.850	0.634	2.10e-11
IFITM3	ENSG00000142089.15	1.665.222	1.072.676	0.634	8.86e-13
GTF2E1	ENSG00000153767.9	2.880	1.500	0.634	2.74e-23

GALNT10	ENSG00000164574.15	2.950	1.545	0.634	2.27e-20
RNASEH1-AS1	ENSG00000234171.2	3.470	1.880	0.634	3.32e-17
TMEM200B	ENSG00000253304.1	3.570	1.945	0.634	1.16e-8
CCDC43	ENSG00000180329.13	4.760	2.715	0.633	2.37e-24
WDR54	ENSG00000005448.16	3.070	1.625	0.633	5.03e-13
RANBP3	ENSG00000031823.14	19.280	12.080	0.633	1.45e-24
CCDC85C	ENSG00000205476.8	7.300	4.355	0.632	1.36e-8
MIER2	ENSG00000105556.10	5.720	3.335	0.632	3.79e-19
EXOC2	ENSG00000112685.13	5.850	3.420	0.632	2.72e-21
HSPA12B	ENSG00000132622.10	1.480	0.600	0.632	2.15e-19
UBE2H	ENSG00000186591.11	18.181	11.375	0.632	2.05e-11
RP5-827C21.4	ENSG00000231663.1	1.650	0.710	0.632	2.92e-25
AKR1B15	ENSG00000227471.8	0.580	0.020	0.631	1.22e-14
CNOT10	ENSG00000182973.18	11.710	7.210	0.631	8.00e-31
DNAJC27-AS1	ENSG00000224165.5	2.360	1.170	0.631	6.18e-16
NRP1	ENSG00000099250.17	16.450	10.270	0.631	4.32e-9
GRPEL2	ENSG00000164284.14	3.120	1.660	0.631	7.54e-30
ZNF703	ENSG00000183779.6	2.700	1.390	0.631	4.62e-11
TSSC4	ENSG00000184281.14	24.640	15.555	0.631	5.36e-26
ETV5	ENSG00000244405.7	3.840	2.125	0.631	1.71e-11
OTUD6B-AS1	ENSG00000253738.1	7.200	4.295	0.631	7.43e-22
CCNG2	ENSG00000138764.13	3.030	1.605	0.630	3.07e-6
CDC25A	ENSG00000164045.11	0.780	0.150	0.630	6.04e-26
CERK	ENSG00000100422.13	11.440	7.040	0.630	4.66e-12
CWF19L1	ENSG00000095485.16	6.310	3.725	0.630	4.17e-26
MEF2BNB-MEF2B	ENSG00000064489.21	4.680	2.670	0.630	4.91e-17
MOSPD3	ENSG00000106330.11	23.400	14.765	0.630	3.55e-25
VNN2	ENSG00000112303.13	2.900	1.520	0.630	9.59e-7
NR1H2	ENSG00000131408.13	35.550	22.610	0.630	3.54e-25
XRCC6BP1	ENSG00000166896.7	4.750	2.715	0.630	5.32e-16
RASA4B	ENSG00000170667.14	2.550	1.295	0.630	1.91e-14
PRRC2A	ENSG00000204469.12	46.769	29.875	0.630	2.97e-25
LINC01124	ENSG00000222033.1	1.600	0.680	0.630	7.39e-12
LYN	ENSG00000254087.7	6.420	3.795	0.630	1.36e-7
RAB7B	ENSG00000276600.4	0.950	0.260	0.630	4.55e-16
CCDC112	ENSG00000164221.12	1.150	0.390	0.629	5.46e-19
STX7	ENSG00000079950.13	6.500	3.850	0.629	1.57e-4
NIN	ENSG00000100503.23	2.480	1.250	0.629	6.61e-20
PEX6	ENSG00000124587.13	14.900	9.280	0.629	3.27e-15
IQSEC1	ENSG00000144711.13	17.070	10.685	0.629	1.57e-18
PLBD2	ENSG00000151176.7	14.910	9.290	0.629	8.08e-17
TOP1MT	ENSG00000184428.12	22.570	14.245	0.629	2.71e-18
TMEM238	ENSG00000233493.3	4.660	2.660	0.629	3.17e-10
RP11-730G20.2	ENSG00000253341.1	1.660	0.720	0.629	9.47e-24
ANAPC13	ENSG00000129055.12	37.909	24.180	0.628	1.81e-24
RPAP3	ENSG00000005175.9	6.780	4.035	0.628	4.83e-26
GOSR2	ENSG00000108433.15	24.810	15.705	0.628	1.41e-18
FBLN2	ENSG00000163520.13	2.540	1.290	0.628	2.24e-4
MRPS11	ENSG00000181991.15	41.879	26.745	0.628	2.21e-33
SMDT1	ENSG00000183172.8	78.433	50.385	0.628	4.99e-28

MAPK11	ENSG00000185386.14	2.570	1.310	0.628	1.91e-13
CHD8	ENSG00000100888.12	14.070	8.760	0.627	2.56e-36
CPSF2	ENSG00000165934.12	6.870	4.095	0.627	4.07e-7
GYPC	ENSG00000136732.14	12.230	7.565	0.627	2.81e-7
ITGB2	ENSG00000160255.16	12.740	7.900	0.627	5.70e-6
LITAF	ENSG00000189067.12	56.731	36.395	0.627	2.08e-6
AJUBA	ENSG00000129474.15	12.390	7.675	0.626	3.31e-5
AMZ2	ENSG00000196704.11	26.510	16.825	0.626	1.13e-31
DLAT	ENSG00000150768.15	8.460	5.130	0.626	9.30e-11
IL17RB	ENSG00000056736.9	21.140	13.348	0.626	2.68e-4
MPV17	ENSG00000115204.14	29.601	18.830	0.626	2.25e-17
MORC4	ENSG00000133131.14	7.030	4.205	0.626	5.61e-5
YARS2	ENSG00000139131.12	9.600	5.870	0.626	1.63e-27
NDUF6	ENSG00000156170.12	15.960	9.990	0.626	2.25e-23
HYAL3	ENSG00000186792.15	3.430	1.870	0.626	1.17e-13
LINC00998	ENSG00000214194.8	17.940	11.275	0.626	3.89e-8
AFAP1L1	ENSG00000157510.13	2.300	1.140	0.625	3.89e-18
CREB3L2	ENSG00000182158.14	7.030	4.205	0.625	3.19e-17
CXCL16	ENSG00000161921.14	28.430	18.085	0.625	9.05e-8
PLAT	ENSG00000104368.17	3.310	1.795	0.625	4.00e-5
TPI1	ENSG00000111669.14	340.733	220.570	0.625	5.76e-23
PSIP1	ENSG00000164985.14	10.520	6.470	0.625	5.42e-15
FAM174A	ENSG00000174132.8	12.210	7.565	0.625	3.11e-31
ATG3	ENSG00000144848.10	21.550	13.629	0.624	3.02e-23
C4orf27	ENSG00000056050.6	12.320	7.645	0.624	6.98e-31
IDI1	ENSG00000067064.10	55.861	35.890	0.624	1.04e-8
FANCE	ENSG00000112039.3	1.180	0.415	0.624	1.14e-26
PIN1	ENSG00000127445.13	38.449	24.605	0.624	9.66e-34
NDUFV3	ENSG00000160194.17	18.760	11.825	0.624	2.19e-28
PTP4A2	ENSG00000184007.17	56.559	36.360	0.624	6.52e-15
RP11-360L9.7	ENSG00000253174.2	0.880	0.220	0.624	1.71e-27
AK6	ENSG00000085231.13	30.250	19.290	0.623	1.32e-27
DLEU1_1	ENSG00000276089.1	0.540	0.000	0.623	1.94e-3
GLG1	ENSG00000090863.11	18.020	11.350	0.623	3.77e-15
LRR1	ENSG00000165501.16	3.790	2.110	0.623	5.21e-26
LAIR1	ENSG00000167613.15	3.620	2.000	0.623	7.05e-6
FAM132B	ENSG00000178752.15	0.710	0.110	0.623	1.27e-20
FKBP4	ENSG00000004478.7	33.180	21.209	0.622	4.72e-10
EXOSC7	ENSG00000075914.12	20.430	12.925	0.622	1.32e-34
STAG3L4	ENSG00000106610.14	4.170	2.360	0.622	1.31e-19
RABGAP1L	ENSG00000152061.21	6.300	3.745	0.622	1.05e-20
MOB3A	ENSG00000172081.13	5.570	3.270	0.622	6.14e-19
CALM2	ENSG00000143933.16	225.705	146.407	0.621	4.69e-19
DPH5	ENSG00000117543.19	16.030	10.075	0.621	4.60e-26
MTIF3	ENSG00000122033.14	43.081	27.664	0.621	1.34e-34
ZNF362	ENSG00000160094.14	5.790	3.415	0.621	6.37e-18
TMEM107	ENSG00000179029.14	3.230	1.750	0.621	3.95e-16
FOCAD	ENSG00000188352.12	3.290	1.790	0.621	2.43e-20
MRM1	ENSG00000278619.4	4.520	2.590	0.621	2.17e-24
ATP5S	ENSG00000125375.14	6.500	3.880	0.620	9.94e-22

BNIP1	ENSG00000113734.17	7.530	4.550	0.620	3.10e-30
CAMK2N2	ENSG00000163888.3	0.890	0.230	0.620	1.51e-16
DPM1	ENSG00000000419.12	27.340	17.445	0.620	8.62e-19
GSDMD	ENSG00000104518.10	99.801	64.598	0.620	1.19e-23
HDDC2	ENSG00000111906.17	16.020	10.075	0.620	2.11e-17
NTMT1	ENSG00000148335.14	26.580	16.940	0.620	2.64e-19
PXYLP1	ENSG00000155893.11	2.420	1.225	0.620	8.67e-12
SNRNP25	ENSG00000161981.10	27.450	17.510	0.620	9.69e-28
GUSB	ENSG00000169919.16	78.367	50.656	0.620	3.77e-21
LRR8E	ENSG00000171017.10	2.050	0.985	0.620	2.64e-10
TMEM9B	ENSG00000175348.10	20.510	13.000	0.620	1.28e-19
KCNE3	ENSG00000175538.10	1.890	0.880	0.620	6.91e-19
TAF7	ENSG00000178913.7	30.589	19.555	0.620	6.98e-15
CXCR4	ENSG00000121966.6	12.190	7.586	0.619	2.57e-4
MID1	ENSG00000101871.14	2.310	1.155	0.619	3.40e-13
ISCA1	ENSG00000135070.13	19.690	12.470	0.619	3.53e-18
FLOT1	ENSG00000137312.14	84.500	54.670	0.619	5.65e-22
FAM98B	ENSG00000171262.11	3.370	1.845	0.619	2.72e-19
RP11-212P7.1	ENSG00000213280.2	0.720	0.120	0.619	1.65e-31
PSMB1	ENSG00000008018.8	177.342	115.235	0.618	9.58e-24
ZNF200	ENSG0000010539.11	2.690	1.405	0.618	1.89e-22
RASIP1	ENSG00000105538.8	4.120	2.335	0.618	9.99e-14
SPECC1	ENSG00000128487.16	1.340	0.525	0.618	3.06e-14
MTDH	ENSG00000147649.9	26.750	17.075	0.618	1.39e-7
IFNGR2	ENSG00000159128.14	25.591	16.325	0.618	2.72e-10
FAM86JP	ENSG00000171084.15	1.240	0.460	0.618	9.30e-31
HIST1H2AG	ENSG00000196787.3	0.780	0.160	0.618	1.25e-15
RP3-434P1.6	ENSG00000228620.1	1.080	0.355	0.618	1.12e-11
COX7A1	ENSG00000161281.10	9.070	5.565	0.617	1.98e-5
DBF4	ENSG00000006634.7	2.490	1.275	0.617	1.05e-18
DNAL4	ENSG00000100246.12	6.670	4.000	0.617	3.10e-23
F13A1	ENSG00000124491.15	1.140	0.395	0.617	1.94e-10
GMFG	ENSG00000130755.12	19.779	12.545	0.617	1.69e-8
GBAS	ENSG00000146729.9	8.640	5.285	0.617	8.37e-18
U2AF1	ENSG00000160201.11	28.779	18.415	0.617	9.04e-9
SLC48A1	ENSG00000211584.13	8.810	5.395	0.617	2.73e-20
ATP2A2	ENSG00000174437.16	50.070	32.329	0.616	1.81e-5
COMMD10	ENSG00000145781.8	10.630	6.590	0.616	2.18e-15
SPPL2A	ENSG00000138600.9	43.431	27.993	0.616	1.09e-10
ISCA1P1	ENSG00000217416.4	3.750	2.100	0.616	8.01e-10
RPL7P23	ENSG00000244363.3	0.740	0.135	0.616	1.28e-27
MTIF2	ENSG00000085760.14	16.470	10.405	0.615	1.63e-25
MAPKAPK5	ENSG00000089022.13	14.470	9.100	0.615	8.30e-22
PSMA2	ENSG00000106588.10	128.274	83.415	0.615	7.65e-23
SUPV3L1	ENSG00000156502.13	26.221	16.775	0.615	3.21e-27
S100A16	ENSG00000188643.10	114.737	74.545	0.615	9.95e-6
MDP1	ENSG00000213920.8	10.330	6.400	0.615	5.30e-16
BRCC3	ENSG00000185515.14	5.380	3.170	0.614	2.09e-14
SLC35D2	ENSG00000130958.11	40.391	26.051	0.614	2.60e-21
ZHX1	ENSG00000165156.14	15.540	9.810	0.614	2.06e-13

FAM222B	ENSG00000173065.13	5.060	2.960	0.614	8.93e-18
PLEKHF2	ENSG00000175895.3	5.610	3.320	0.614	9.60e-20
RP11-257O5.4	ENSG00000275710.1	0.530	0.000	0.614	1.09e-3
AXIN1	ENSG00000103126.14	6.700	4.035	0.613	2.68e-12
TMED2	ENSG00000086598.10	112.860	73.462	0.613	2.88e-11
SMC4	ENSG00000113810.15	7.160	4.335	0.613	1.38e-13
NMI	ENSG00000123609.10	11.430	7.125	0.613	5.00e-14
ZCCHC9	ENSG00000131732.11	20.599	13.125	0.613	8.20e-19
IAH1	ENSG00000134330.18	41.449	26.755	0.613	4.49e-30
ROBO4	ENSG00000154133.14	4.000	2.270	0.613	1.09e-9
STRBP	ENSG00000165209.18	5.950	3.545	0.613	2.72e-26
GPR137	ENSG00000173264.13	24.739	15.830	0.613	1.59e-22
RINL	ENSG00000187994.13	5.410	3.190	0.613	7.32e-9
MPEG1	ENSG00000197629.5	3.970	2.250	0.613	7.78e-4
RP11-417N10.4	ENSG00000279592.1	1.830	0.850	0.613	2.50e-22
AGT	ENSG00000135744.7	1.058.788	692.225	0.612	1.77e-7
SLC25A40	ENSG00000075303.12	4.280	2.455	0.612	7.66e-11
MGST2	ENSG00000085871.8	148.425	96.790	0.612	1.28e-15
PARK7	ENSG00000116288.12	237.173	154.814	0.612	5.67e-20
GNAI1	ENSG00000127955.15	8.870	5.460	0.612	7.88e-7
FCGR2A	ENSG00000143226.13	5.310	3.130	0.612	3.48e-7
MGAT5	ENSG00000152127.8	2.240	1.120	0.612	1.35e-12
LCLAT1	ENSG00000172954.13	3.050	1.650	0.612	1.14e-17
SLC35A4	ENSG00000176087.14	29.120	18.705	0.612	3.25e-26
PTRHD1	ENSG00000184924.5	21.430	13.675	0.612	1.23e-24
NBR1	ENSG00000188554.13	29.829	19.175	0.612	3.08e-10
SULT1A4	ENSG00000213648.10	4.990	2.920	0.612	5.97e-8
ACD	ENSG00000102977.13	7.830	4.780	0.611	1.42e-26
ARG2	ENSG00000081181.7	1.650	0.735	0.611	4.11e-8
C18orf32	ENSG00000177576.10	48.519	31.430	0.611	1.52e-18
CIAPIN1	ENSG00000005194.14	18.570	11.815	0.611	1.08e-15
EEF1A1P13	ENSG00000250182.3	1.260	0.480	0.611	3.93e-19
SLC35A2	ENSG00000102100.14	18.199	11.570	0.611	1.07e-19
KAZALD1	ENSG00000107821.14	1.230	0.460	0.611	4.27e-18
TRIM37	ENSG00000108395.13	4.880	2.850	0.611	1.92e-21
LRRC8A	ENSG00000136802.11	15.890	10.060	0.611	6.49e-10
HAUS2	ENSG00000137814.9	4.010	2.280	0.611	1.67e-16
WIPI2	ENSG00000157954.14	27.521	17.670	0.611	9.70e-26
SP5	ENSG00000204335.3	1.680	0.755	0.611	5.33e-13
RP11-160O5.1	ENSG00000263470.1	2.390	1.220	0.611	1.03e-9
POLR2J4	ENSG00000272655.1	6.330	3.800	0.611	1.12e-22
C11orf31	ENSG00000211450.9	104.828	68.360	0.610	4.63e-30
C19orf47	ENSG00000160392.13	6.110	3.660	0.610	1.02e-28
DMWD	ENSG00000185800.11	7.190	4.365	0.610	2.22e-21
DYNC2L11	ENSG00000138036.18	6.610	3.985	0.610	5.36e-21
TMEM60	ENSG00000135211.5	13.180	8.290	0.610	1.08e-23
KDM1B	ENSG00000165097.13	3.480	1.935	0.610	1.37e-8
TSHZ2	ENSG00000182463.15	7.380	4.490	0.610	6.85e-6
LL22NC03-80A10.6	ENSG00000272779.1	4.630	2.690	0.610	2.50e-19
AC005562.1	ENSG00000214719.11	1.890	0.895	0.609	2.87e-23

CSDE1	ENSG0000009307.15	85.212	55.506	0.609	2.55e-13
DUS1L	ENSG00000169718.17	121.389	79.233	0.609	4.52e-35
VMP1	ENSG00000062716.10	56.759	36.868	0.609	1.14e-12
ESF1	ENSG00000089048.14	5.100	3.000	0.609	9.73e-11
GNG11	ENSG00000127920.5	6.030	3.610	0.609	1.84e-11
STAM	ENSG00000136738.14	4.240	2.435	0.609	3.99e-13
HSPD1	ENSG00000144381.16	254.037	166.179	0.609	4.23e-13
TLK2	ENSG00000146872.17	8.820	5.440	0.609	1.45e-21
RPL26	ENSG00000161970.12	927.625	607.714	0.609	3.57e-11
CASP8	ENSG00000064012.21	7.670	4.690	0.608	7.44e-11
SNRNP40	ENSG00000060688.12	13.460	8.490	0.608	1.08e-21
TAPBP1	ENSG00000139192.11	21.850	13.990	0.608	7.16e-12
FPR3	ENSG00000187474.4	1.880	0.890	0.608	8.56e-5
PIGN	ENSG00000197563.9	3.900	2.215	0.608	1.37e-11
HLA-DOA	ENSG00000204252.12	1.820	0.850	0.608	6.78e-5
AC145343.2	ENSG00000265055.1	0.790	0.175	0.607	9.57e-28
CDIPT	ENSG00000103502.13	70.501	45.954	0.607	1.52e-20
SNX24	ENSG00000064652.10	7.420	4.530	0.607	3.66e-22
TAF1B	ENSG00000115750.16	2.510	1.305	0.607	9.82e-19
HAPLN3	ENSG00000140511.11	0.980	0.300	0.607	3.68e-11
GMPPA	ENSG00000144591.17	39.711	25.736	0.607	2.02e-24
SLC2A12	ENSG00000146411.5	1.010	0.320	0.607	1.11e-6
ZDHHC5	ENSG00000156599.10	20.340	13.015	0.607	2.80e-20
FAM175A	ENSG00000163322.13	1.360	0.550	0.607	3.28e-20
FAM208A	ENSG00000163946.13	11.210	7.015	0.607	4.10e-14
ZNF529-AS1	ENSG00000233527.8	1.490	0.635	0.607	1.91e-30
C5orf15	ENSG00000113583.7	26.110	16.815	0.606	1.28e-12
CCDC134	ENSG00000100147.13	1.870	0.885	0.606	2.00e-27
DCLRE1B	ENSG00000118655.4	1.230	0.465	0.606	1.12e-25
RRM2B	ENSG00000048392.11	6.030	3.620	0.606	8.34e-14
RPAP1	ENSG00000103932.11	8.510	5.250	0.606	3.00e-30
MEGF8	ENSG00000105429.12	3.940	2.245	0.606	8.33e-12
SMG9	ENSG00000105771.13	15.140	9.605	0.606	2.42e-28
LFNG	ENSG00000106003.12	2.150	1.070	0.606	7.87e-12
NDUFC1	ENSG00000109390.11	67.088	43.735	0.606	4.99e-25
WARS2	ENSG00000116874.11	3.970	2.265	0.606	5.64e-19
RTN4IP1	ENSG00000130347.12	5.020	2.955	0.606	5.02e-25
WRAP53	ENSG00000141499.16	4.220	2.430	0.606	1.99e-21
MRPS18C	ENSG00000163319.10	27.899	17.984	0.606	2.22e-24
SEP8	ENSG00000164402.13	7.850	4.815	0.606	5.68e-13
FAM89B	ENSG00000176973.7	20.129	12.880	0.606	1.30e-24
AC007229.3	ENSG00000267544.1	1.000	0.315	0.605	2.33e-32
AIMP1	ENSG00000164022.16	17.620	11.245	0.605	1.81e-22
CLP1	ENSG00000172409.5	6.200	3.735	0.605	6.62e-24
CSNK1D	ENSG00000141551.14	43.901	28.515	0.605	2.06e-15
DPF2	ENSG00000133884.9	13.060	8.245	0.605	1.38e-24
PPP2CA	ENSG00000113575.9	26.031	16.769	0.605	1.93e-14
MED8	ENSG00000159479.16	25.871	16.670	0.605	8.08e-27
ZNF219	ENSG00000165804.15	9.560	5.945	0.605	2.36e-19
UBE2E3	ENSG00000170035.15	30.479	19.700	0.605	2.24e-14

TRMT61B	ENSG00000171103.10	7.260	4.430	0.605	1.65e-27
EXOC3L1	ENSG00000179044.15	2.140	1.065	0.605	6.18e-16
KLHDC8B	ENSG00000185909.14	13.220	8.350	0.605	4.99e-16
ABCB10	ENSG00000135776.4	7.140	4.355	0.604	3.32e-13
BCAS2	ENSG00000116752.5	22.409	14.405	0.604	4.89e-14
CCDC102B	ENSG00000150636.15	1.340	0.540	0.604	1.04e-15
RAD18	ENSG00000070950.9	1.880	0.895	0.604	4.37e-27
VPS51	ENSG00000149823.7	55.710	36.309	0.604	1.16e-27
GPR158	ENSG00000151025.9	0.550	0.020	0.604	1.14e-25
SUGT1	ENSG00000165416.14	20.890	13.400	0.604	4.00e-17
SMIM7	ENSG00000214046.8	60.300	39.330	0.604	4.17e-40
ACTL6A	ENSG00000136518.16	15.810	10.069	0.603	9.06e-21
BLOC1S5	ENSG00000188428.16	5.410	3.220	0.603	3.84e-20
CHURC1	ENSG00000258289.7	27.490	17.755	0.603	1.97e-23
CREB3	ENSG00000107175.10	19.920	12.774	0.603	2.63e-18
DYRK2	ENSG00000127334.10	2.090	1.035	0.603	8.96e-16
PAF1	ENSG00000006712.14	32.320	20.935	0.603	1.12e-29
SRPK1	ENSG00000096063.14	9.030	5.605	0.603	7.95e-11
SLC30A6	ENSG00000152683.14	4.590	2.680	0.603	8.22e-18
MMGT1	ENSG00000169446.5	3.830	2.180	0.603	3.89e-15
TMEM167A	ENSG00000174695.9	22.781	14.660	0.603	1.99e-19
TEX41	ENSG00000226674.8	0.800	0.185	0.603	5.89e-13
RP4-616B8.4	ENSG00000261431.1	1.540	0.673	0.603	2.17e-5
ARF4-AS1	ENSG00000272146.5	1.110	0.390	0.602	1.61e-24
CARM1	ENSG00000142453.11	13.120	8.305	0.602	1.65e-7
CCND3	ENSG00000112576.12	13.770	8.730	0.602	1.56e-10
CLIP2	ENSG00000106665.15	2.270	1.155	0.602	2.55e-9
GEMIN5	ENSG00000082516.8	3.250	1.800	0.602	8.70e-18
PSMD3	ENSG00000108344.14	59.568	38.899	0.602	2.82e-24
RASEF	ENSG00000165105.9	0.950	0.285	0.602	1.04e-8
MLST8	ENSG00000167965.17	24.330	15.685	0.602	1.50e-27
JADE2	ENSG00000043143.20	3.680	2.085	0.601	1.55e-19
PTPRH	ENSG00000080031.9	8.690	5.390	0.601	4.26e-4
THOC5	ENSG00000100296.13	10.630	6.670	0.601	5.96e-29
UHMK1	ENSG00000152332.15	13.100	8.295	0.601	1.69e-13
ZSWIM5	ENSG00000162415.6	0.820	0.200	0.601	4.02e-20
SUGCT	ENSG00000175600.15	17.210	11.005	0.601	4.63e-11
ZNF322	ENSG00000181315.10	3.550	2.000	0.601	3.44e-19
GOLGA2P7	ENSG00000225151.10	3.830	2.185	0.601	9.01e-15
NFIX	ENSG00000008441.16	11.570	7.295	0.600	2.55e-7
RNF14	ENSG00000013561.17	20.831	13.400	0.600	1.63e-11
NPC1	ENSG00000141458.12	13.790	8.758	0.600	1.64e-13
RNLS	ENSG00000184719.11	5.660	3.395	0.600	4.00e-5
RP11-265N6.1	ENSG00000261684.1	2.630	1.395	0.600	6.61e-10
AC006011.4	ENSG00000244563.1	9.190	5.730	0.599	1.25e-21
C5orf46	ENSG00000178776.4	0.590	0.050	0.599	3.34e-14
CDCA2	ENSG00000184661.13	0.590	0.050	0.599	1.68e-26
WASL	ENSG00000106299.7	15.250	9.725	0.599	2.36e-12
TUSC2	ENSG00000114383.9	17.771	11.390	0.599	1.03e-27
TOR2A	ENSG00000160404.17	9.970	6.240	0.599	3.08e-24

ZNHIT2	ENSG00000174276.6	9.480	5.920	0.599	6.33e-25
LONP1	ENSG00000196365.11	54.288	35.505	0.599	8.66e-27
C22orf29	ENSG00000215012.8	3.020	1.655	0.598	3.20e-22
COLGALT1	ENSG00000130309.10	20.330	13.095	0.598	1.61e-19
CYB5R4	ENSG00000065615.13	3.580	2.025	0.598	5.37e-6
MAPK9	ENSG00000050748.17	8.350	5.175	0.598	1.71e-15
SMARCD2	ENSG00000108604.15	34.360	22.360	0.598	1.36e-16
F2RL3	ENSG00000127533.3	0.650	0.090	0.598	1.21e-18
TMEM180	ENSG00000138111.14	4.140	2.395	0.598	5.86e-19
HDAC8	ENSG00000147099.19	8.760	5.450	0.598	5.34e-30
NECAP2	ENSG00000157191.19	20.359	13.110	0.598	1.90e-19
SAP30	ENSG00000164105.3	4.160	2.410	0.598	3.77e-12
PDGFD	ENSG00000170962.12	1.430	0.605	0.598	7.42e-8
MOB2	ENSG00000182208.12	16.760	10.730	0.598	2.09e-38
PSMG1	ENSG00000183527.11	29.250	18.984	0.598	2.61e-16
RPE	ENSG00000197713.14	9.930	6.220	0.598	5.97e-15
YBX1P10	ENSG00000213866.3	1.210	0.460	0.598	2.91e-15
LINC01184	ENSG00000245937.7	6.460	3.930	0.598	9.40e-7
CTB-113I20.2	ENSG00000271737.1	2.630	1.400	0.597	1.65e-18
RHOBTB2	ENSG00000008853.16	2.040	1.010	0.597	3.34e-14
PRPSAP1	ENSG00000161542.16	47.831	31.289	0.597	1.66e-20
FMNL3	ENSG00000161791.13	1.890	0.910	0.597	3.12e-18
TNFAIP8L2	ENSG00000163154.5	2.040	1.010	0.597	1.12e-6
DERL3	ENSG00000099958.14	5.090	3.030	0.596	2.65e-6
DNAAF1	ENSG00000154099.17	0.950	0.290	0.596	4.80e-9
DSP	ENSG00000096696.13	22.110	14.289	0.596	3.10e-8
ELP4	ENSG00000109911.17	5.370	3.215	0.596	1.44e-24
TIE1	ENSG00000066056.13	5.910	3.570	0.596	2.17e-7
GCN1L1	ENSG00000089154.10	12.210	7.739	0.596	5.81e-11
FAM50B	ENSG00000145945.5	8.160	5.060	0.596	2.71e-3
NMRAL1	ENSG00000153406.13	41.400	27.059	0.596	1.31e-5
MIA3	ENSG00000154305.16	47.451	31.054	0.596	1.83e-14
MOV10	ENSG00000155363.18	56.281	36.906	0.596	5.92e-24
TM2D1	ENSG00000162604.12	16.770	10.755	0.596	6.05e-11
FAM120AOS	ENSG00000188938.15	15.070	9.635	0.596	1.27e-18
RP4-694B14.8	ENSG00000278383.1	1.630	0.740	0.596	7.72e-21
ACTR6	ENSG00000075089.9	9.300	5.820	0.595	3.00e-18
ARMC9	ENSG00000135931.17	1.250	0.490	0.595	1.69e-14
RAB18	ENSG00000099246.16	21.869	14.145	0.595	1.21e-4
FTSJ3	ENSG00000108592.16	15.800	10.125	0.595	1.18e-21
MRPL19	ENSG00000115364.13	22.811	14.765	0.595	1.15e-4
EXT2	ENSG00000151348.13	14.140	9.020	0.595	2.61e-15
MED30	ENSG00000164758.7	9.300	5.820	0.595	2.26e-17
ZNF282	ENSG00000170265.11	7.660	4.735	0.595	3.83e-25
RAB1B	ENSG00000174903.14	75.248	49.495	0.595	2.44e-21
HSD11B2	ENSG00000176387.6	3.660	2.085	0.595	1.45e-12
WDR53	ENSG00000185798.7	6.040	3.660	0.595	5.60e-33
SDAD1	ENSG00000198301.11	8.050	4.990	0.595	1.72e-5
LYPLA2	ENSG00000011009.10	51.239	33.614	0.594	3.27e-25
GABARAPL2	ENSG00000034713.7	58.149	38.180	0.594	4.50e-24

SCML2	ENSG00000102098.17	1.370	0.570	0.594	9.53e-20
IQCE	ENSG00000106012.17	2.420	1.265	0.594	3.24e-20
TMEM8B	ENSG00000137103.16	3.620	2.060	0.594	2.44e-19
SDC3	ENSG00000162512.15	6.640	4.060	0.594	5.71e-4
SNX7	ENSG00000162627.16	7.090	4.360	0.594	2.09e-4
PRR13	ENSG00000205352.10	120.300	79.354	0.594	4.72e-24
RP11-49I11.1	ENSG00000260552.1	6.450	3.935	0.594	7.32e-14
CD109	ENSG00000156535.13	0.720	0.140	0.593	2.62e-21
CDC42EP4	ENSG00000179604.9	18.790	12.120	0.593	1.48e-16
E2F3	ENSG00000112242.14	2.530	1.340	0.593	1.03e-15
MAP4	ENSG00000047849.21	34.750	22.705	0.593	1.93e-17
NBN	ENSG00000104320.13	7.980	4.955	0.593	5.10e-16
BUD13	ENSG00000137656.11	6.860	4.215	0.592	5.24e-37
DIEXF	ENSG00000117597.17	2.730	1.475	0.592	1.15e-16
RNF216	ENSG00000011275.18	6.120	3.725	0.592	1.13e-20
UBR7	ENSG00000012963.13	6.560	4.015	0.592	7.92e-21
MED28	ENSG00000118579.11	12.620	8.035	0.592	2.43e-15
ITFG1	ENSG00000129636.12	34.151	22.317	0.592	3.69e-6
WDR45B	ENSG00000141580.15	29.140	18.995	0.592	3.33e-12
ORC5	ENSG00000164815.10	7.620	4.720	0.592	4.10e-23
MVD	ENSG00000167508.10	32.511	21.225	0.592	7.63e-8
ARF6	ENSG00000165527.6	21.029	13.625	0.591	5.70e-14
BICC1	ENSG00000122870.11	1.590	0.720	0.591	1.32e-4
BRPF3	ENSG00000096070.19	9.650	6.070	0.591	7.81e-9
BTN3A2	ENSG00000186470.13	10.590	6.695	0.591	5.71e-7
CCDC101	ENSG00000176476.8	18.000	11.610	0.591	1.21e-26
CREB3L4	ENSG00000143578.15	11.810	7.505	0.591	3.44e-18
POLR2E	ENSG00000099817.11	152.323	100.785	0.591	3.52e-29
PVRL1	ENSG00000110400.10	2.910	1.595	0.591	2.00e-14
TIMELESS	ENSG00000111602.11	8.590	5.365	0.591	6.56e-16
FBXO2	ENSG00000116661.9	14.480	9.280	0.591	9.43e-4
MSI2	ENSG00000153944.10	8.360	5.215	0.591	6.23e-11
ABCB8	ENSG00000197150.12	19.440	12.575	0.590	2.28e-19
CENPI	ENSG00000102384.13	0.580	0.050	0.590	1.99e-26
ZNF174	ENSG00000103343.12	3.960	2.295	0.590	1.81e-29
SLC10A3	ENSG00000126903.15	5.820	3.530	0.590	3.60e-13
IRF5	ENSG00000128604.18	4.960	2.960	0.590	7.69e-15
GPN2	ENSG00000142751.14	10.320	6.520	0.590	1.78e-27
SREK1IP1	ENSG00000153006.14	6.790	4.175	0.590	2.52e-24
PPP4R1	ENSG00000154845.15	10.740	6.800	0.590	2.92e-16
NOLC1	ENSG00000166197.16	17.120	11.040	0.590	1.14e-6
NF2	ENSG00000186575.17	4.450	2.620	0.590	7.59e-19
AC005944.2	ENSG00000267469.1	5.820	3.535	0.589	3.85e-10
CADPS2	ENSG00000081803.15	6.970	4.300	0.589	7.88e-7
CHMP1B	ENSG00000255112.2	14.770	9.485	0.589	1.25e-10
GSK3B	ENSG00000082701.14	11.880	7.560	0.589	3.07e-18
NEDD9	ENSG00000111859.16	6.730	4.140	0.589	5.32e-6
TFDP2	ENSG00000114126.17	7.470	4.630	0.589	5.45e-19
GCNT3	ENSG00000140297.12	0.670	0.110	0.589	2.54e-12
TOR1AIP1	ENSG00000143337.18	12.170	7.755	0.589	7.45e-9

GPRIN1	ENSG00000169258.6	0.640	0.090	0.589	1.01e-24
NOC2L	ENSG00000188976.10	29.040	18.970	0.589	2.18e-20
RPSAP58	ENSG00000225178.5	17.019	10.980	0.589	3.34e-7
RNF5P1	ENSG00000253570.1	2.700	1.460	0.589	1.78e-5
WFDC21P	ENSG00000261040.6	0.760	0.170	0.589	5.40e-12
AGAP1	ENSG00000157985.17	3.140	1.755	0.588	3.73e-15
ARSA	ENSG00000100299.17	35.540	23.305	0.588	1.94e-13
KITLG	ENSG00000049130.13	1.210	0.470	0.588	1.75e-13
HPS1	ENSG00000107521.18	22.811	14.845	0.588	1.34e-11
NUP85	ENSG00000125450.10	26.440	17.250	0.588	4.80e-27
MCM8	ENSG00000125885.13	1.300	0.530	0.588	7.02e-20
SAP18	ENSG00000150459.12	97.288	64.408	0.588	5.84e-27
PRKCA	ENSG00000154229.11	4.230	2.480	0.588	3.81e-14
RP11-319G6.1	ENSG00000248932.5	1.480	0.650	0.588	2.11e-37
CHADL	ENSG00000100399.15	2.290	1.190	0.587	8.34e-11
CIR1	ENSG00000138433.15	13.810	8.860	0.587	7.18e-28
DSTN	ENSG00000125868.15	100.273	66.431	0.587	4.05e-15
NDUFAF4	ENSG00000123545.5	26.119	17.055	0.587	1.63e-12
FADS2	ENSG00000134824.13	46.099	30.355	0.587	2.93e-3
POLR2D	ENSG00000144231.10	9.090	5.715	0.587	6.72e-17
TNFRSF18	ENSG00000186891.13	0.930	0.285	0.587	1.10e-16
ARHGEF37	ENSG00000183111.11	1.470	0.645	0.586	1.14e-8
EGLN3	ENSG00000129521.13	1.770	0.845	0.586	2.33e-5
XPO1	ENSG00000082898.16	24.910	16.255	0.586	3.37e-15
MTMR2	ENSG00000087053.18	2.310	1.205	0.586	4.89e-13
YPEL3	ENSG00000090238.11	46.080	30.355	0.586	5.79e-21
PLEKHG2	ENSG00000090924.14	4.260	2.505	0.586	2.61e-14
RAD1	ENSG00000113456.18	6.890	4.255	0.586	9.29e-22
SLC35B3	ENSG00000124786.9	11.080	7.050	0.586	2.06e-16
TRIM21	ENSG00000132109.9	10.480	6.650	0.586	1.18e-12
KCTD1	ENSG00000134504.12	2.280	1.185	0.586	1.08e-16
PELI3	ENSG00000174516.14	2.760	1.505	0.586	2.09e-16
WRB	ENSG00000182093.14	15.390	9.915	0.586	3.13e-18
RAB43P1	ENSG00000259856.1	5.610	3.405	0.586	1.13e-3
TAF15	ENSG00000270647.5	58.141	38.389	0.586	1.52e-22
AAMP	ENSG00000127837.9	66.242	43.831	0.585	2.18e-24
ALDH7A1	ENSG00000164904.15	112.758	74.824	0.585	3.42e-7
BRI3BP	ENSG00000184992.10	3.080	1.720	0.585	3.93e-18
C14orf93	ENSG00000100802.14	4.430	2.620	0.585	5.10e-30
CES1P1	ENSG00000228695.9	7.040	4.360	0.585	6.14e-4
RNF215	ENSG00000099999.14	7.050	4.365	0.585	4.27e-23
RANGRF	ENSG00000108961.13	11.460	7.305	0.585	2.34e-9
SERINC3	ENSG00000132824.13	34.510	22.674	0.585	1.96e-14
HNRNPLL	ENSG00000143889.15	7.400	4.600	0.585	1.64e-20
RAB3B	ENSG00000169213.6	0.530	0.020	0.585	9.85e-17
IRX3	ENSG00000177508.11	1.100	0.400	0.585	2.47e-13
PRELID2	ENSG00000186314.11	1.550	0.700	0.585	1.71e-15
PRRT3-AS1	ENSG00000230082.1	1.280	0.520	0.585	5.79e-15
SNRFPF1	ENSG00000231878.1	0.500	0.000	0.585	7.62e-19
SNHG7	ENSG00000233016.6	18.460	11.970	0.585	2.52e-17

ANAPC15	ENSG00000110200.8	28.799	18.875	0.584	1.43e-30
COPS3	ENSG00000141030.12	22.130	14.425	0.584	7.19e-20
NCK2	ENSG00000071051.13	6.580	4.055	0.584	5.54e-6
C10orf10	ENSG00000165507.8	64.690	42.859	0.583	3.25e-2
CYB561A3	ENSG00000162144.9	24.190	15.815	0.583	7.89e-20
SETDB1	ENSG00000143379.12	13.750	8.850	0.583	5.33e-23
ZNF48	ENSG00000180035.10	2.910	1.610	0.583	1.52e-35
CTD-3065J16.9	ENSG00000255224.1	1.230	0.490	0.582	9.78e-31
DISP1	ENSG00000154309.8	2.270	1.185	0.582	1.71e-16
POFUT1	ENSG00000101346.11	17.340	11.250	0.582	1.88e-11
HRG	ENSG00000113905.4	814.967	543.919	0.582	2.72e-2
SMYD5	ENSG00000135632.11	8.780	5.535	0.582	1.08e-20
SLC26A11	ENSG00000181045.14	6.460	3.985	0.582	5.46e-19
OR2A1-AS1	ENSG00000244479.6	4.330	2.560	0.582	1.60e-10
BLOC1S2	ENSG00000196072.11	22.110	14.445	0.581	3.35e-16
C21orf59	ENSG00000159079.18	18.560	12.080	0.581	4.91e-20
EFNA1	ENSG00000169242.11	217.202	144.918	0.581	4.80e-7
PEX16	ENSG00000121680.15	34.229	22.545	0.581	4.39e-30
TFB2M	ENSG00000162851.7	15.940	10.325	0.581	5.78e-12
STIM1	ENSG00000167323.9	24.770	16.230	0.581	2.34e-10
RBM4	ENSG00000173933.19	48.080	31.806	0.581	1.23e-21
FAM26F	ENSG00000188820.12	3.980	2.330	0.581	1.30e-3
TMEM116	ENSG00000198270.12	6.040	3.705	0.581	9.44e-15
PPIAP29	ENSG00000214975.4	1.790	0.865	0.581	1.38e-22
GPAA1P2	ENSG00000230596.2	3.950	2.310	0.581	8.46e-3
BACE2	ENSG00000182240.15	3.590	2.070	0.580	1.15e-4
MCM10	ENSG00000065328.16	0.600	0.070	0.580	6.04e-24
GMCL1	ENSG00000087338.4	4.450	2.645	0.580	3.68e-12
PSMA3	ENSG00000100567.12	89.287	59.410	0.580	8.05e-29
GID8	ENSG00000101193.7	14.460	9.345	0.580	5.95e-29
FAF2	ENSG00000113194.12	10.860	6.935	0.580	1.80e-16
PRMT1	ENSG00000126457.20	43.119	28.515	0.580	3.29e-19
FAM149B1	ENSG00000138286.14	10.170	6.475	0.580	1.23e-21
GPR89B	ENSG00000188092.14	11.340	7.255	0.580	2.01e-15
HMGBl	ENSG00000189403.14	135.748	90.502	0.580	1.30e-17
ZNF165	ENSG00000197279.3	1.250	0.505	0.580	1.22e-11
RP11-166P13.3	ENSG00000263004.1	2.700	1.475	0.580	1.75e-20
BTBD10	ENSG00000148925.10	4.520	2.695	0.579	1.27e-15
TMEM160	ENSG00000130748.6	10.900	6.965	0.579	2.36e-14
PIF1	ENSG00000140451.12	0.890	0.265	0.579	1.85e-20
MEMO1	ENSG00000162959.13	17.780	11.570	0.579	6.36e-18
POLR1C	ENSG00000171453.17	14.680	9.495	0.579	6.87e-21
TRMT10C	ENSG00000174173.6	11.940	7.660	0.579	2.01e-19
PCNXL3	ENSG00000197136.4	11.410	7.310	0.579	1.01e-25
SBF2-AS1	ENSG00000246273.6	1.450	0.640	0.579	5.13e-25
C5orf51	ENSG00000205765.8	4.500	2.685	0.578	1.61e-15
TSPAN14	ENSG00000108219.14	14.510	9.390	0.578	5.65e-7
UGDH	ENSG00000109814.11	44.879	29.725	0.578	3.76e-4
MED6	ENSG00000133997.11	9.980	6.355	0.578	1.22e-19
RP11-91G21.1	ENSG00000268129.1	3.030	1.700	0.578	7.40e-18

CD2AP	ENSG00000198087.7	7.330	4.585	0.577	6.79e-13
ENTPD2	ENSG00000054179.11	1.230	0.495	0.577	3.39e-15
MRPL3	ENSG00000114686.8	32.529	21.475	0.577	1.59e-14
HNRNPH2	ENSG00000126945.8	32.540	21.485	0.577	3.77e-12
MSN	ENSG00000147065.16	40.109	26.560	0.577	5.31e-6
LSM14B	ENSG00000149657.19	13.040	8.410	0.577	1.24e-14
TWF1	ENSG00000151239.13	21.640	14.180	0.577	2.73e-11
KIAA1524	ENSG00000163507.13	0.730	0.160	0.577	4.97e-20
SLC25A33	ENSG00000171612.6	6.390	3.955	0.577	2.75e-9
CCDC115	ENSG00000136710.9	11.670	7.500	0.576	1.08e-13
CCNE2	ENSG00000175305.16	0.960	0.315	0.576	5.50e-17
CLCC1	ENSG00000121940.15	10.410	6.655	0.576	8.39e-29
COPB2	ENSG00000184432.9	39.719	26.325	0.576	4.84e-12
DCUN1D5	ENSG00000137692.11	9.040	5.735	0.576	2.05e-16
MASTL	ENSG00000120539.14	2.420	1.295	0.576	2.34e-17
TRIM45	ENSG00000134253.9	1.110	0.415	0.576	2.15e-16
PDHB	ENSG00000168291.12	47.831	31.759	0.576	7.44e-18
ZNF664	ENSG00000179195.15	19.430	12.705	0.576	7.45e-11
PRKAR2A	ENSG00000114302.15	7.210	4.510	0.575	5.29e-12
ST6GALNAC4	ENSG00000136840.18	3.990	2.350	0.575	3.06e-6
PPM1M	ENSG00000164088.17	5.690	3.490	0.575	7.84e-12
PAFAH1B2	ENSG00000168092.13	12.560	8.100	0.575	3.73e-16
RP11-343C2.12	ENSG00000272617.1	10.830	6.940	0.575	6.88e-22
CITF22-92A6.1	ENSG00000273145.1	1.240	0.505	0.574	9.18e-31
CPSF4	ENSG00000160917.14	13.630	8.830	0.574	3.28e-29
CSTF1	ENSG00000101138.11	12.090	7.795	0.574	1.58e-17
DHRX	ENSG00000169084.12	18.400	12.035	0.574	8.84e-11
DNAJC17	ENSG00000104129.9	26.199	17.270	0.574	2.40e-25
LAPTM4A	ENSG00000068697.6	143.777	96.221	0.574	1.08e-14
VDAC3	ENSG00000078668.13	53.230	35.434	0.574	3.50e-10
MRPS9	ENSG00000135972.8	17.820	11.645	0.574	2.46e-28
PEX10	ENSG00000157911.9	9.420	6.000	0.574	3.10e-13
NDUFB1	ENSG00000183648.9	307.639	206.335	0.574	1.24e-26
RP4-592A1.2	ENSG00000185839.3	1.330	0.565	0.574	8.11e-20
KPNA4	ENSG00000186432.8	6.680	4.160	0.574	3.86e-14
HSPA14	ENSG00000187522.13	8.150	5.145	0.574	1.27e-16
CEP72	ENSG00000112877.7	2.280	1.205	0.573	3.40e-20
CH17-189H20.1	ENSG00000274265.4	3.180	1.810	0.573	1.39e-10
CH17-264B6.3	ENSG00000277125.1	1.030	0.365	0.573	1.98e-7
OAZ1	ENSG00000104904.12	494.764	332.347	0.573	1.91e-20
RPF1	ENSG00000117133.10	15.590	10.155	0.573	1.82e-16
NEDD1	ENSG00000139350.11	2.080	1.070	0.573	6.22e-15
INTS8	ENSG00000164941.13	11.140	7.160	0.573	1.98e-19
NAT6	ENSG00000243477.5	6.610	4.115	0.573	2.21e-17
COP2	ENSG00000166200.14	17.759	11.620	0.572	4.66e-13
DAGLA	ENSG00000134780.9	0.710	0.150	0.572	2.79e-12
TXNDC16	ENSG00000087301.8	2.070	1.065	0.572	2.60e-16
MYO5B	ENSG00000167306.18	11.400	7.340	0.572	1.90e-8
KAT5	ENSG00000172977.12	20.410	13.405	0.572	2.75e-31
RPS7P10	ENSG00000226525.5	1.260	0.520	0.572	3.96e-27

RP3-512B11.3	ENSG00000261189.1	2.910	1.630	0.572	1.72e-12
RP11-196G18.23	ENSG00000264207.1	1.140	0.440	0.572	1.17e-25
CENPBD1P1	ENSG00000213753.10	8.310	5.265	0.571	1.22e-17
CGRRF1	ENSG00000100532.11	6.700	4.185	0.571	2.62e-23
ERP44	ENSG00000023318.7	17.050	11.154	0.571	5.86e-23
ICMT	ENSG00000116237.15	9.760	6.245	0.571	2.19e-13
ERBB2	ENSG00000141736.13	18.330	12.010	0.571	4.71e-4
SLC26A2	ENSG00000155850.7	0.990	0.340	0.571	3.18e-26
ZDHH3	ENSG00000163812.13	16.090	10.505	0.571	6.31e-17
MARS	ENSG00000166986.12	48.870	32.570	0.571	9.17e-20
IPP	ENSG00000197429.10	3.960	2.340	0.571	1.73e-26
AEN	ENSG00000181026.14	7.350	4.625	0.570	1.75e-12
ANKS6	ENSG00000165138.16	3.260	1.870	0.570	8.29e-6
PIK3CB	ENSG00000051382.8	7.370	4.640	0.570	4.38e-15
SIKE1	ENSG00000052723.11	11.890	7.680	0.570	2.74e-19
SRSF9	ENSG00000111786.8	68.759	46.000	0.570	1.39e-22
HNRNPK	ENSG00000165119.18	164.004	110.166	0.570	4.82e-11
ZNF672	ENSG00000171161.12	13.760	8.945	0.570	2.13e-23
EXT1	ENSG00000182197.10	29.470	19.530	0.570	3.69e-6
ALKBH6	ENSG00000239382.10	12.650	8.200	0.569	1.92e-21
RAB5B	ENSG00000111540.15	38.300	25.484	0.569	5.28e-16
ICK	ENSG00000112144.15	3.360	1.940	0.569	6.15e-14
ETF1	ENSG00000120705.12	21.270	14.010	0.569	1.27e-12
TRUB2	ENSG00000167112.9	19.929	13.105	0.569	6.68e-13
TRIAP1	ENSG00000170855.3	30.010	19.905	0.569	3.10e-29
NUDT4	ENSG00000173598.13	16.880	11.055	0.569	2.71e-13
ZBED6CL	ENSG00000188707.5	5.170	3.160	0.569	4.18e-10
ZNF720	ENSG00000197302.10	4.510	2.715	0.569	9.26e-11
AFTPH	ENSG00000119844.14	16.950	11.105	0.568	7.91e-21
ARL8A	ENSG00000143862.7	29.199	19.365	0.568	2.26e-12
ATP6V0A1	ENSG00000033627.14	30.870	20.500	0.568	3.67e-22
CD48	ENSG00000117091.9	4.210	2.515	0.568	2.82e-4
DCAF12	ENSG00000198876.12	9.410	6.020	0.568	2.08e-12
SEC61B	ENSG00000106803.9	268.205	180.536	0.568	1.19e-26
SELK	ENSG00000113811.10	64.471	43.160	0.568	3.16e-13
HN1L	ENSG00000206053.12	20.959	13.810	0.568	1.35e-10
SMIM13	ENSG00000224531.5	4.580	2.765	0.568	6.88e-22
RP11-676M6.1	ENSG00000254612.2	0.920	0.295	0.568	5.45e-15
ATP5G3	ENSG00000154518.9	270.877	182.492	0.567	1.13e-16
CLU	ENSG00000120885.19	4.368.432	2.947.446	0.567	1.36e-2
CNN2	ENSG00000064666.14	26.969	17.880	0.567	2.87e-4
ELOVL5	ENSG00000012660.13	40.489	27.000	0.567	7.79e-5
MRPS35	ENSG00000061794.12	37.530	25.015	0.567	2.41e-18
YKT6	ENSG00000106636.7	16.530	10.830	0.567	1.86e-20
MSRB2	ENSG00000148450.12	55.950	37.435	0.567	4.26e-23
REPIN1	ENSG00000214022.11	49.879	33.345	0.567	4.27e-17
SYNJ2BP-COX16	ENSG00000258644.5	6.740	4.225	0.567	1.96e-9
DDX28	ENSG00000182810.6	6.100	3.795	0.566	1.64e-17
DLGAP4	ENSG00000080845.17	20.579	13.575	0.566	4.76e-17
STRAP	ENSG00000023734.10	53.160	35.595	0.566	6.69e-25

SPTLC2	ENSG00000100596.6	3.220	1.850	0.566	4.91e-20
PSMD7	ENSG00000103035.10	42.620	28.455	0.566	3.19e-15
TROVE2	ENSG00000116747.12	3.990	2.370	0.566	1.92e-9
THOC6	ENSG00000131652.13	14.470	9.450	0.566	1.45e-27
PRPF18	ENSG00000165630.13	8.950	5.720	0.566	2.24e-20
AP3M1	ENSG00000185009.12	8.130	5.170	0.565	6.29e-11
ARL8B	ENSG00000134108.12	19.900	13.125	0.565	2.60e-15
BAD	ENSG00000002330.13	52.189	34.961	0.565	1.56e-22
CCDC6	ENSG00000108091.10	5.310	3.265	0.565	3.12e-17
DCAF6	ENSG00000143164.15	43.840	29.315	0.565	1.91e-18
DNPEP	ENSG00000123992.18	59.301	39.769	0.565	6.91e-29
GALE	ENSG00000117308.14	51.381	34.410	0.565	6.57e-20
SP2	ENSG00000167182.12	5.300	3.260	0.565	5.66e-13
GPR34	ENSG00000171659.13	1.130	0.440	0.565	2.87e-8
VPS33B	ENSG00000184056.14	6.510	4.075	0.565	8.21e-31
TCTN1	ENSG00000204852.15	11.020	7.125	0.565	9.98e-14
ABHD16A	ENSG00000204427.11	38.899	25.989	0.564	4.56e-31
AP5S1	ENSG00000125843.10	7.580	4.805	0.564	4.64e-22
C3AR1	ENSG00000171860.4	2.200	1.165	0.564	1.24e-4
C9orf64	ENSG00000165118.14	8.410	5.365	0.564	1.83e-6
WWC3	ENSG00000047644.17	2.570	1.415	0.564	7.79e-16
PCNP	ENSG00000081154.11	29.260	19.475	0.564	2.39e-9
SLC25A1	ENSG00000100075.9	103.321	69.564	0.564	3.78e-16
RCAN3	ENSG00000117602.11	1.210	0.495	0.564	1.57e-16
SAMD10	ENSG00000130590.13	3.340	1.935	0.564	6.49e-21
HYKK	ENSG00000188266.13	2.970	1.685	0.564	6.21e-23
SF3B3	ENSG00000189091.12	54.319	36.420	0.564	1.62e-16
RP11-390F4.6	ENSG00000236924.1	3.280	1.895	0.564	1.34e-12
GPIHBP1	ENSG00000277494.1	1.240	0.515	0.564	8.62e-15
C19orf52	ENSG00000142444.6	8.930	5.720	0.563	8.61e-34
DARS	ENSG00000115866.10	26.999	17.955	0.563	7.81e-9
DFFA	ENSG00000160049.11	7.930	5.045	0.563	7.30e-20
TMEM248	ENSG00000106609.16	26.370	17.530	0.563	1.98e-16
RAD50	ENSG00000113522.13	7.680	4.875	0.563	9.84e-17
TOMM70A	ENSG00000154174.7	22.351	14.810	0.563	3.77e-20
LRRC58	ENSG00000163428.3	3.750	2.215	0.563	2.09e-13
TP53TG1	ENSG00000182165.17	39.029	26.090	0.563	1.09e-12
RPARP-AS1	ENSG00000269609.5	6.010	3.745	0.563	5.18e-10
AC006547.8	ENSG00000243762.1	0.860	0.260	0.562	2.23e-5
B3GALT6	ENSG00000176022.4	7.260	4.595	0.562	2.34e-22
BMP2	ENSG00000125845.6	2.300	1.235	0.562	8.74e-8
CUX1	ENSG00000257923.9	22.230	14.730	0.562	5.81e-18
ELL3	ENSG00000128886.11	1.310	0.565	0.562	4.02e-15
ZC3HC1	ENSG00000091732.15	9.800	6.315	0.562	2.98e-31
PLAA	ENSG00000137055.14	7.870	5.010	0.562	2.33e-9
REXO4	ENSG00000148300.11	11.570	7.515	0.562	8.86e-25
TMEM251	ENSG00000153485.5	10.350	6.690	0.562	7.09e-23
GLB1L	ENSG00000163521.15	3.170	1.825	0.562	1.16e-13
ULK4	ENSG00000168038.10	1.540	0.720	0.562	1.44e-13
TSEN54	ENSG00000182173.12	19.710	13.030	0.562	6.20e-27

WWP2	ENSG00000198373.12	10.880	7.045	0.562	4.79e-14
SYCE3	ENSG00000217442.3	1.170	0.470	0.562	2.69e-11
NACA2	ENSG00000253506.2	0.580	0.070	0.562	3.13e-43
TUBB3	ENSG00000258947.6	0.720	0.165	0.562	1.91e-10
ACTR8	ENSG00000113812.13	6.510	4.090	0.561	3.36e-27
CBLL1	ENSG00000105879.11	4.450	2.695	0.561	7.92e-14
CBX5	ENSG00000094916.13	4.590	2.790	0.561	8.06e-17
POLR1A	ENSG00000068654.15	2.880	1.630	0.561	1.56e-13
MLH1	ENSG00000076242.14	11.640	7.570	0.561	2.69e-13
HSDL1	ENSG00000103160.11	4.230	2.545	0.561	1.48e-22
PRKAB1	ENSG00000111725.10	15.180	9.965	0.561	5.40e-22
UNC50	ENSG00000115446.11	23.290	15.470	0.561	8.10e-25
FAM199X	ENSG00000123575.8	4.740	2.890	0.561	2.69e-16
ZDHH4	ENSG00000136247.14	35.199	23.540	0.561	9.91e-8
TMEM126B	ENSG00000171204.12	23.250	15.435	0.561	1.95e-18
NUDT4P1	ENSG00000177144.6	2.120	1.115	0.561	1.23e-3
LSM10	ENSG00000181817.5	29.960	19.980	0.561	3.35e-24
UBE2F	ENSG00000184182.18	30.471	20.325	0.561	1.92e-27
NAP1L4	ENSG00000205531.12	36.921	24.710	0.561	7.18e-23
NUDT4P2	ENSG00000271121.2	2.120	1.115	0.561	1.23e-3
NEO1	ENSG00000067141.16	5.260	3.245	0.560	6.56e-6
HCFC1	ENSG00000172534.13	11.740	7.640	0.560	1.61e-23
SUZ12	ENSG00000178691.10	6.070	3.795	0.560	6.87e-13
ARHGEF35	ENSG00000213214.4	3.700	2.190	0.559	9.36e-5
C10orf2	ENSG00000107815.7	3.500	2.055	0.559	3.91e-13
CD68	ENSG00000129226.13	47.980	32.250	0.559	1.10e-9
DPAGT1	ENSG00000172269.16	23.131	15.380	0.559	1.37e-8
EEF1A1P19	ENSG00000249855.1	0.680	0.140	0.559	4.18e-25
OSBPL3	ENSG00000070882.12	1.460	0.670	0.559	2.71e-15
RAB7A	ENSG00000075785.12	87.323	58.969	0.559	2.23e-14
MRPL4	ENSG00000105364.13	49.652	33.386	0.559	1.52e-18
MSH3	ENSG00000113318.9	3.330	1.940	0.559	2.03e-12
RDH10	ENSG00000121039.9	18.820	12.454	0.559	3.97e-6
TAOK3	ENSG00000135090.13	7.800	4.975	0.559	3.71e-10
OAZ3	ENSG00000143450.14	1.630	0.785	0.559	8.23e-21
SLC39A13	ENSG00000165915.13	14.390	9.445	0.559	1.53e-18
TMEM135	ENSG00000166575.16	8.760	5.625	0.559	4.30e-7
TMEM136	ENSG00000181264.8	0.960	0.330	0.559	1.57e-15
PAQR7	ENSG00000182749.5	3.110	1.790	0.559	1.90e-11
FAM72D	ENSG00000215784.5	0.540	0.045	0.559	7.07e-28
CCM2L	ENSG00000101331.15	1.620	0.780	0.558	3.75e-19
CWC15	ENSG00000150316.11	37.369	25.069	0.558	1.13e-33
EIF2AK2	ENSG00000055332.16	3.710	2.200	0.558	1.51e-8
SNX11	ENSG00000002919.14	8.540	5.480	0.558	1.05e-25
TCTA	ENSG00000145022.4	24.080	16.030	0.558	3.70e-12
LACTB2	ENSG00000147592.8	27.651	18.460	0.558	5.07e-5
HEXIM2	ENSG00000168517.10	8.020	5.125	0.558	1.98e-13
PHLDB3	ENSG00000176531.10	13.390	8.775	0.558	4.56e-19
RP11-303E16.2	ENSG00000261061.1	4.890	3.000	0.558	2.96e-18
ACTG2	ENSG00000163017.13	2.780	1.570	0.557	1.18e-7

CLCN7	ENSG00000103249.17	30.860	20.659	0.557	1.22e-11
UTP6	ENSG00000108651.9	26.679	17.810	0.557	2.29e-29
YY1AP1	ENSG00000163374.19	27.380	18.295	0.557	1.09e-19
FANCF	ENSG00000183161.4	2.810	1.590	0.557	6.56e-25
SDHAF3	ENSG00000196636.7	12.090	7.900	0.557	2.65e-6
MBLAC1	ENSG00000214309.4	1.640	0.795	0.557	2.67e-30
Metazoa_SRP	ENSG00000278771.1	1.390	0.625	0.557	1.18e-6
ABHD17C	ENSG00000136379.11	3.300	1.925	0.556	1.63e-12
C7orf55	ENSG00000164898.12	31.860	21.345	0.556	1.23e-11
C9orf89	ENSG00000165233.17	12.940	8.480	0.556	2.51e-18
CCNI	ENSG00000118816.9	40.201	27.025	0.556	1.60e-3
CD3E	ENSG00000198851.9	3.880	2.320	0.556	4.44e-5
DTX3L	ENSG00000163840.9	13.070	8.569	0.556	2.77e-12
SEC22C	ENSG00000093183.13	9.660	6.250	0.556	1.10e-16
STX10	ENSG00000104915.14	37.390	25.120	0.556	9.46e-27
MRPL49	ENSG00000149792.8	28.929	19.355	0.556	3.31e-11
FAM177A1	ENSG00000151327.12	40.779	27.420	0.556	1.23e-12
ZNF394	ENSG00000160908.14	7.770	4.965	0.556	1.16e-31
FUNDC2	ENSG00000165775.17	51.660	34.809	0.556	1.78e-13
UBTD2	ENSG00000168246.5	5.220	3.230	0.556	1.03e-18
ZNF101	ENSG00000181896.11	2.550	1.415	0.556	1.22e-31
NPLOC4	ENSG00000182446.13	27.161	18.154	0.556	1.82e-23
LDLRAD1	ENSG00000203985.10	0.470	0.000	0.556	2.23e-17
RP3-423B22.5	ENSG00000237749.4	0.470	0.000	0.556	8.96e-17
RP11-458J1.1	ENSG00000278834.1	3.140	1.815	0.556	3.74e-22
DYDC2	ENSG00000133665.12	0.660	0.130	0.555	1.48e-15
TMEM63B	ENSG00000137216.18	24.110	16.089	0.555	2.55e-14
GDPD1	ENSG00000153982.10	0.910	0.300	0.555	2.93e-20
B4GALT2	ENSG00000117411.16	20.300	13.505	0.554	2.91e-17
MAT2B	ENSG00000038274.16	26.431	17.685	0.554	9.42e-13
RBBP8	ENSG00000101773.16	6.730	4.265	0.554	3.58e-10
TWISTNB	ENSG00000105849.5	3.200	1.860	0.554	1.28e-12
SDHAF4	ENSG00000154079.5	4.740	2.910	0.554	2.33e-30
SVIL	ENSG00000197321.14	4.680	2.870	0.554	4.01e-6
AC010894.3	ENSG00000226853.2	4.540	2.775	0.553	5.21e-13
ACTR10	ENSG00000131966.13	29.970	20.115	0.553	5.06e-24
ARHGEF11	ENSG00000132694.18	8.720	5.625	0.553	1.83e-16
ARSB	ENSG00000113273.15	3.350	1.965	0.553	4.21e-9
CH507-9B2.5	ENSG00000275464.3	4.400	2.680	0.553	2.00e-9
CYP4F22	ENSG00000171954.12	3.730	2.225	0.553	8.35e-4
PDCD2	ENSG00000071994.10	20.800	13.860	0.553	5.23e-16
FIGNL1	ENSG00000132436.11	2.080	1.100	0.553	6.91e-14
PRKCDBP	ENSG00000170955.9	5.890	3.695	0.553	1.15e-10
FAM86EP	ENSG00000251669.5	2.000	1.045	0.553	2.44e-24
AC007283.5	ENSG00000234431.2	2.680	1.510	0.552	5.64e-12
C1orf109	ENSG00000116922.14	5.200	3.230	0.552	2.67e-7
DHX29	ENSG00000067248.9	7.010	4.465	0.552	3.61e-11
RBM22	ENSG00000086589.11	15.000	9.910	0.552	3.53e-29
PLEKHA8P1	ENSG00000134297.6	2.270	1.230	0.552	5.86e-16
MCU	ENSG00000156026.14	5.900	3.705	0.552	1.91e-16

TATDN2	ENSG00000157014.10	9.280	6.010	0.552	4.03e-23
SDHAF2	ENSG00000167985.6	28.969	19.445	0.552	2.06e-30
NDNL2	ENSG00000185115.4	8.110	5.215	0.552	1.75e-15
LRP10	ENSG00000197324.8	20.400	13.598	0.552	4.36e-5
FCF1P2	ENSG00000228638.1	3.700	2.205	0.552	3.86e-22
IDH1-AS1	ENSG00000231908.1	1.690	0.835	0.552	2.08e-18
TNFSF12-TNFSF13	ENSG00000248871.1	0.510	0.030	0.552	5.31e-9
GLIS2-AS1	ENSG00000262686.1	0.730	0.180	0.552	1.82e-15
CDV3	ENSG00000091527.15	38.991	26.299	0.551	2.71e-12
MTCH2	ENSG00000109919.9	109.341	74.292	0.551	2.45e-17
mar/06	ENSG00000145495.14	34.890	23.505	0.551	1.09e-20
TPRA1	ENSG00000163870.14	22.650	15.145	0.551	5.02e-33
AGMO	ENSG00000187546.13	21.750	14.535	0.550	2.53e-2
UBTF	ENSG00000108312.14	23.620	15.815	0.550	3.57e-20
SOX13	ENSG00000143842.14	13.490	8.899	0.550	1.18e-13
MPLKIP	ENSG00000168303.6	4.920	3.045	0.550	3.53e-17
FGD5-AS1	ENSG00000225733.5	21.540	14.395	0.550	6.34e-7
OS9	ENSG00000135506.15	200.574	136.806	0.549	1.11e-25
PI4KB	ENSG00000143393.16	23.160	15.510	0.549	1.35e-24
PEX19	ENSG00000162735.18	37.759	25.484	0.549	2.85e-9
TGFBR2	ENSG00000163513.17	16.350	10.859	0.549	1.25e-2
KCTD12	ENSG00000178695.5	2.380	1.310	0.549	8.47e-6
KBTBD3	ENSG00000182359.14	3.170	1.850	0.549	4.99e-17
RP11-196G18.24	ENSG00000272993.1	1.370	0.620	0.549	3.77e-17
CENPE	ENSG00000138778.11	0.520	0.040	0.548	2.38e-27
EHF	ENSG00000135373.12	1.120	0.450	0.548	6.16e-12
PPP3CB	ENSG00000107758.15	9.490	6.175	0.548	5.71e-15
RPS2P46	ENSG00000189343.7	5.170	3.220	0.548	7.78e-11
HCG4P5	ENSG00000227766.1	1.420	0.655	0.548	1.70e-7
RP11-337C18.8	ENSG00000237188.3	1.660	0.820	0.548	1.99e-10
IL10RB	ENSG00000243646.8	17.740	11.820	0.548	3.85e-16
RARRES2	ENSG00000106538.9	1.278.910	874.824	0.547	7.11e-3
SHQ1	ENSG00000144736.13	3.740	2.245	0.547	3.73e-15
GJC1	ENSG00000182963.9	0.710	0.170	0.547	4.39e-25
C1QB	ENSG00000173369.15	74.320	50.576	0.546	9.01e-5
TMCC3	ENSG00000057704.10	1.350	0.610	0.546	2.28e-13
EPB41L1	ENSG00000088367.20	4.220	2.575	0.546	2.91e-8
PABPC4	ENSG00000090621.13	66.860	45.474	0.546	8.52e-20
PALD1	ENSG00000107719.8	1.220	0.520	0.546	2.23e-14
TPT1	ENSG00000133112.16	3.170.291	2.171.159	0.546	1.52e-6
TBRG4	ENSG00000136270.13	29.709	20.030	0.546	1.02e-24
SURF1	ENSG00000148290.9	63.070	42.890	0.546	4.42e-18
POP5	ENSG00000167272.10	35.099	23.725	0.546	2.10e-19
SNTB1	ENSG00000172164.13	28.099	18.930	0.546	2.75e-6
MRFAP1L1	ENSG00000178988.10	32.019	21.610	0.546	2.32e-19
FAM43A	ENSG00000185112.5	2.110	1.130	0.546	8.87e-5
SAPCD1-AS1	ENSG00000235663.1	1.460	0.685	0.546	3.19e-12
ARHGEF15	ENSG00000198844.10	2.180	1.180	0.545	1.01e-10
CIRH1A	ENSG00000141076.17	11.320	7.445	0.545	9.35e-12
FAHD2B	ENSG00000144199.11	3.590	2.145	0.545	6.78e-4

SVIP	ENSG00000198168.8	9.480	6.185	0.545	3.85e-18
AC133528.2	ENSG00000228989.1	6.370	4.055	0.544	2.82e-15
DNAJB2	ENSG00000135924.15	43.051	29.220	0.544	1.73e-17
EMP3	ENSG00000142227.10	13.270	8.790	0.544	2.00e-3
GSR	ENSG00000104687.12	19.540	13.085	0.544	9.08e-8
NCS1	ENSG00000107130.9	1.530	0.735	0.544	4.41e-7
LRWD1	ENSG00000161036.10	9.350	6.100	0.544	2.25e-15
ZHX2	ENSG00000178764.7	8.200	5.310	0.544	4.05e-12
MCMBP	ENSG00000197771.12	10.870	7.140	0.544	1.28e-8
KTI12	ENSG00000198841.3	4.320	2.650	0.544	5.86e-25
SRGAP2	ENSG00000266028.7	5.290	3.315	0.544	6.41e-15
AARS	ENSG00000090861.15	47.891	32.565	0.543	7.55e-14
CNOT11	ENSG00000158435.7	16.080	10.720	0.543	1.08e-17
UBE2K	ENSG00000078140.13	32.439	21.950	0.543	1.21e-19
TNPO1	ENSG00000083312.17	7.180	4.615	0.543	1.92e-7
LAMTOR3	ENSG00000109270.12	15.080	10.040	0.543	2.00e-11
TSNARE1	ENSG00000171045.14	5.760	3.640	0.543	8.53e-14
RP11-169K16.8	ENSG00000178715.8	0.690	0.160	0.543	7.95e-18
RP11-579D7.4	ENSG00000257660.5	1.200	0.510	0.543	3.60e-19
SMIM11	ENSG00000273590.4	12.190	8.050	0.543	6.76e-8
BRAP	ENSG00000089234.15	5.270	3.305	0.542	3.78e-28
CCDC88A	ENSG00000115355.15	3.600	2.160	0.542	1.52e-11
DHX30	ENSG00000132153.14	20.100	13.495	0.542	1.58e-20
DNAJB12	ENSG00000148719.14	16.580	11.075	0.542	5.98e-25
NT5C3A	ENSG00000122643.18	7.890	5.105	0.542	1.17e-12
MRS2	ENSG00000124532.14	10.710	7.045	0.542	2.99e-13
SCO2	ENSG00000130489.12	31.780	21.515	0.542	3.70e-14
PGAM1	ENSG00000171314.8	101.279	69.237	0.542	6.63e-8
GPR4	ENSG00000177464.4	1.860	0.965	0.542	3.32e-10
HNRNPUL2	ENSG00000214753.2	15.430	10.285	0.542	5.22e-18
OSER1-AS1	ENSG00000223891.5	6.600	4.220	0.542	4.91e-18
C2orf74	ENSG00000237651.6	17.960	12.035	0.541	5.84e-9
SPRTN	ENSG0000010072.15	2.580	1.460	0.541	1.85e-21
TGIF2	ENSG00000118707.9	5.010	3.130	0.541	5.47e-14
SEMA6C	ENSG00000143434.15	6.660	4.265	0.541	5.81e-9
TRIP12	ENSG00000153827.13	17.701	11.855	0.541	4.24e-5
LINGO1	ENSG00000169783.12	0.840	0.265	0.541	2.09e-17
TCAF1	ENSG00000198420.9	12.170	8.055	0.541	5.86e-5
LINC01315	ENSG00000229891.1	0.760	0.210	0.541	6.38e-18
SCAMP1-AS1	ENSG00000245556.2	2.760	1.585	0.541	6.53e-23
RP11-223I10.1	ENSG00000261829.1	8.330	5.414	0.541	1.33e-6
GAPLINC	ENSG00000266835.5	0.630	0.120	0.541	1.60e-15
TFPI	ENSG00000003436.14	79.379	54.298	0.540	2.77e-3
MIIP	ENSG00000116691.10	16.390	10.959	0.540	4.26e-19
RIOK1	ENSG00000124784.8	5.490	3.465	0.540	1.71e-15
FOPNL	ENSG00000133393.12	11.660	7.710	0.540	4.62e-18
PDCD11	ENSG00000148843.13	8.150	5.295	0.540	1.47e-20
NETO2	ENSG00000171208.9	0.730	0.190	0.540	9.62e-19
ZBTB41	ENSG00000177888.7	1.980	1.050	0.540	7.42e-17
ZFAND2A	ENSG00000178381.11	47.339	32.255	0.540	1.33e-10

MRPL54	ENSG00000183617.4	78.248	53.500	0.540	4.14e-16
SMN2	ENSG00000205571.12	18.260	12.245	0.540	4.01e-6
NUDT19	ENSG00000213965.3	4.270	2.625	0.540	1.34e-12
ZCCHC3	ENSG00000247315.3	5.950	3.780	0.540	4.83e-19
BTBD3	ENSG00000132640.14	3.520	2.110	0.539	1.08e-10
CH507-154B10.1	ENSG00000280145.3	1.600	0.790	0.539	9.34e-6
CTD-3138B18.5	ENSG00000268516.2	1.150	0.480	0.539	2.04e-29
SLC39A9	ENSG00000029364.11	21.739	14.650	0.539	6.79e-18
POMGNT1	ENSG00000085998.13	31.569	21.410	0.539	1.01e-20
PPP2R3C	ENSG00000092020.10	10.450	6.880	0.539	1.35e-26
RNF141	ENSG00000110315.6	6.660	4.270	0.539	1.86e-10
MOB4	ENSG00000115540.14	8.790	5.740	0.539	8.64e-15
MFAP2	ENSG00000117122.13	1.340	0.610	0.539	4.69e-9
GIMAP4	ENSG00000133574.9	8.130	5.284	0.539	4.13e-5
SRFBP1	ENSG00000151304.5	2.350	1.305	0.539	1.43e-12
LINC01006	ENSG00000182648.11	7.770	5.035	0.539	2.34e-16
VWA7	ENSG00000204396.10	1.630	0.810	0.539	1.12e-11
FTH1P5	ENSG00000230204.1	0.540	0.060	0.539	1.35e-34
STPG1	ENSG00000001460.17	1.490	0.715	0.538	2.91e-23
NDUF5F5	ENSG00000101247.17	13.410	8.925	0.538	1.80e-24
KIF18A	ENSG00000121621.6	0.510	0.040	0.538	9.71e-27
PDHA1	ENSG00000131828.13	97.680	66.979	0.538	1.10e-16
TGS1	ENSG00000137574.10	3.290	1.955	0.538	1.99e-15
HS2ST1	ENSG00000153936.16	5.920	3.765	0.538	1.56e-12
SLC12A8	ENSG00000221955.10	4.510	2.795	0.538	4.80e-6
ATP5A1	ENSG00000152234.15	237.914	163.692	0.537	1.68e-13
CLDN3	ENSG00000165215.6	22.770	15.385	0.537	1.50e-2
CTB-79E8.2	ENSG00000253445.1	0.930	0.330	0.537	6.67e-9
RNH1	ENSG00000023191.16	75.740	51.881	0.537	1.04e-17
PSPC1	ENSG00000121390.17	10.870	7.180	0.537	6.65e-22
TNFSF10	ENSG00000121858.10	39.199	26.698	0.537	3.53e-6
TBC1D5	ENSG00000131374.14	5.150	3.240	0.537	1.12e-8
IMMT	ENSG00000132305.20	34.031	23.140	0.537	1.02e-17
FAM168B	ENSG00000152102.17	14.770	9.870	0.537	5.02e-9
GPD1L	ENSG00000152642.10	1.540	0.750	0.537	4.99e-15
GALK2	ENSG00000156958.14	15.590	10.430	0.537	2.25e-8
MYO1D	ENSG00000176658.16	8.470	5.525	0.537	1.40e-3
FAM174B	ENSG00000185442.12	3.330	1.985	0.537	1.51e-8
RP4-539M6.19	ENSG00000249590.7	2.380	1.330	0.537	2.15e-6
RP11-21L23.3	ENSG00000255100.1	1.140	0.475	0.537	8.98e-14
AP000936.1	ENSG00000234268.1	0.450	0.000	0.536	9.68e-11
AP2A1	ENSG00000196961.12	37.170	25.325	0.536	6.70e-11
CAPN1	ENSG0000014216.15	49.329	33.700	0.536	1.62e-14
CIAO1	ENSG00000144021.2	28.839	19.575	0.536	2.78e-17
CROT	ENSG00000005469.11	11.270	7.460	0.536	1.75e-4
CTD-2510F5.4	ENSG00000265415.1	0.450	0.000	0.536	8.34e-20
TCF15	ENSG00000125878.5	0.580	0.090	0.536	1.62e-40
KAT7	ENSG00000136504.11	6.990	4.510	0.536	7.16e-12
GUF1	ENSG00000151806.13	7.330	4.745	0.536	4.37e-19
SSU72	ENSG00000160075.11	69.309	47.484	0.536	9.02e-23

WDR25	ENSG00000176473.13	5.830	3.710	0.536	2.68e-28
HNRNPA1P4	ENSG00000206228.4	0.450	0.000	0.536	2.63e-42
RP11-490G8.1	ENSG00000241556.1	0.580	0.090	0.536	2.20e-10
ANXA1	ENSG00000135046.13	13.370	8.920	0.535	2.66e-3
COLCA1	ENSG00000196167.9	0.840	0.270	0.535	7.86e-17
CSNK1E	ENSG00000213923.10	24.080	16.305	0.535	1.49e-10
PSME4	ENSG00000068878.14	27.420	18.610	0.535	4.63e-28
MANSC1	ENSG00000111261.13	5.880	3.750	0.535	6.76e-10
MSTO1	ENSG00000125459.14	20.941	14.140	0.535	3.60e-17
THRA	ENSG00000126351.12	5.260	3.320	0.535	1.14e-9
METTL21A	ENSG00000144401.14	9.350	6.145	0.535	2.09e-12
GBP4	ENSG00000162654.8	5.970	3.810	0.535	1.31e-6
PSTK	ENSG00000179988.13	3.860	2.355	0.535	3.71e-25
LINC00857	ENSG00000237523.1	1.340	0.615	0.535	1.40e-11
AC004057.1	ENSG00000196656.7	442.888	305.472	0.534	9.52e-19
CDC25B	ENSG00000101224.17	13.820	9.235	0.534	3.00e-13
EEFSEC	ENSG00000132394.10	13.280	8.860	0.534	1.56e-23
POLD2	ENSG00000106628.10	76.330	52.425	0.534	1.99e-16
HELZ2	ENSG00000130589.16	7.030	4.545	0.534	4.81e-7
KDELR2	ENSG00000136240.9	115.199	79.225	0.534	3.84e-18
PDLIM3	ENSG00000154553.13	4.350	2.695	0.534	2.18e-3
ZNF32	ENSG00000169740.13	18.661	12.574	0.534	7.82e-27
H1FX	ENSG00000184897.5	50.822	34.779	0.534	5.75e-13
RP11-307C12.11	ENSG00000232093.1	1.520	0.740	0.534	2.18e-21
RP11-644F5.11	ENSG00000258056.2	3.200	1.900	0.534	1.46e-15
ARHGAP4	ENSG00000089820.15	10.670	7.065	0.533	8.06e-9
DNAJC6	ENSG00000116675.15	0.620	0.120	0.533	7.22e-19
RNF19B	ENSG00000116514.16	5.310	3.360	0.533	6.29e-6
PMS2	ENSG00000122512.14	2.320	1.295	0.533	2.19e-10
MORF4L2	ENSG00000123562.16	115.840	79.762	0.533	6.10e-6
KDR	ENSG00000128052.8	4.180	2.580	0.533	1.83e-2
MSX1	ENSG00000163132.6	0.700	0.175	0.533	4.36e-21
THAP11	ENSG00000168286.2	8.660	5.675	0.533	2.20e-20
THAP4	ENSG00000176946.11	34.251	23.355	0.533	3.52e-18
FAM24B	ENSG00000213185.6	0.910	0.320	0.533	1.23e-15
ASRGL1	ENSG00000162174.12	3.180	1.890	0.532	3.36e-6
BTF3L4	ENSG00000134717.17	16.850	11.345	0.532	1.62e-15
LZTS3	ENSG00000088899.14	3.780	2.305	0.532	8.65e-12
RPS6KA4	ENSG00000162302.12	7.460	4.850	0.532	1.02e-17
MAP3K11	ENSG00000173327.7	52.330	35.895	0.532	3.95e-28
ADAMTS9	ENSG00000163638.13	2.980	1.755	0.531	1.05e-5
CCL8	ENSG00000108700.4	0.560	0.080	0.531	3.43e-16
CD99L2	ENSG00000102181.19	23.180	15.740	0.531	4.78e-10
CDC42EP2	ENSG00000149798.4	2.540	1.450	0.531	8.53e-8
KIF2A	ENSG00000068796.16	2.330	1.305	0.531	1.64e-11
UBR5	ENSG00000104517.12	19.500	13.185	0.531	1.21e-17
ICOSLG	ENSG00000160223.16	1.940	1.035	0.531	1.69e-11
PRMT2	ENSG00000160310.16	14.300	9.590	0.531	3.10e-13
PGM2	ENSG00000169299.13	6.030	3.865	0.531	2.08e-5
LRRC20	ENSG00000172731.13	14.290	9.579	0.531	8.81e-11

SLC25A53	ENSG00000269743.2	2.360	1.325	0.531	4.05e-28
RHBDD2	ENSG00000005486.16	57.269	39.360	0.530	5.88e-14
HADHA	ENSG00000084754.10	108.240	74.653	0.530	2.28e-14
TOM1	ENSG00000100284.20	45.629	31.295	0.530	1.68e-16
ONECUT2	ENSG00000119547.5	3.550	2.150	0.530	1.07e-8
GLIPR2	ENSG00000122694.15	3.050	1.805	0.530	4.56e-6
RAB9A	ENSG00000123595.6	11.920	7.950	0.530	8.94e-10
SRP19	ENSG00000153037.12	52.852	36.294	0.530	4.71e-18
PARS2	ENSG00000162396.5	2.320	1.300	0.530	1.60e-27
NUP62	ENSG00000213024.10	13.410	8.979	0.530	3.22e-10
ATG9A	ENSG00000198925.10	24.429	16.625	0.529	1.59e-15
PARP12	ENSG00000059378.12	17.030	11.495	0.529	4.21e-13
NEDD4	ENSG00000069869.15	6.200	3.990	0.529	2.12e-4
SLC38A1	ENSG00000111371.15	2.910	1.710	0.529	1.02e-4
MDFI	ENSG00000112559.13	0.840	0.275	0.529	1.94e-8
RARRES1	ENSG00000118849.9	2.260	1.260	0.529	5.02e-5
IMP4	ENSG00000136718.9	60.669	41.740	0.529	3.19e-18
PLOD2	ENSG00000152952.11	21.159	14.355	0.529	3.17e-2
IHH	ENSG00000163501.6	1.770	0.920	0.529	2.25e-7
REEP4	ENSG00000168476.11	7.400	4.820	0.529	5.22e-17
ZNF768	ENSG00000169957.9	20.841	14.135	0.529	1.89e-20
FEZ2	ENSG00000171055.14	12.540	8.385	0.529	5.37e-9
TP53RK	ENSG00000172315.5	4.100	2.535	0.529	1.02e-21
RPL13AP20	ENSG00000234498.3	0.760	0.220	0.529	1.11e-26
LINC01138	ENSG00000274020.1	3.590	2.180	0.529	1.23e-14
PIP4K2B	ENSG00000276293.4	7.750	5.065	0.529	2.12e-18
CNPY3	ENSG00000137161.16	37.190	25.485	0.528	1.03e-13
SIRT6	ENSG00000077463.14	10.510	6.980	0.528	8.17e-25
SEC23IP	ENSG00000107651.12	8.010	5.250	0.528	8.22e-5
RRAGC	ENSG00000116954.7	7.690	5.025	0.528	6.02e-16
IFT43	ENSG00000119650.12	26.199	17.860	0.528	1.39e-11
NARS2	ENSG00000137513.9	12.990	8.705	0.528	2.62e-17
MED22	ENSG00000148297.15	4.890	3.085	0.528	1.22e-19
RBM45	ENSG00000155636.14	5.590	3.570	0.528	2.39e-26
UBLCP1	ENSG00000164332.7	8.250	5.415	0.528	2.72e-17
JAM3	ENSG00000166086.12	2.180	1.205	0.528	1.30e-9
GABARAP	ENSG00000170296.9	424.699	294.127	0.528	4.56e-21
IFIT1	ENSG00000185745.9	13.300	8.915	0.528	4.31e-3
RP13-39P12.3	ENSG00000228748.2	2.330	1.310	0.528	8.09e-10
ZNF815P	ENSG00000235944.7	1.120	0.470	0.528	9.65e-24
RP11-760H22.2	ENSG00000254343.2	2.440	1.385	0.528	5.14e-17
CCDC77	ENSG00000120647.9	2.530	1.450	0.527	2.85e-24
DEDD2	ENSG00000160570.13	14.500	9.760	0.527	4.70e-18
EIF4A1	ENSG00000161960.14	223.928	155.152	0.527	3.70e-10
KIAA0391	ENSG00000100890.15	10.760	7.160	0.527	4.36e-13
SMARCA1	ENSG00000102038.15	18.630	12.625	0.527	6.19e-7
KLF5	ENSG00000102554.13	1.420	0.680	0.527	1.79e-4
PFN1	ENSG00000108518.7	353.752	245.196	0.527	2.73e-15
LOX	ENSG00000113083.12	0.960	0.360	0.527	3.18e-7
GTDC1	ENSG00000121964.14	3.670	2.240	0.527	2.40e-13

TRAFD1	ENSG00000135148.11	7.830	5.130	0.527	7.69e-13
PLCD3	ENSG00000161714.11	2.170	1.200	0.527	3.37e-8
PKIG	ENSG00000168734.13	26.290	17.935	0.527	1.50e-11
GATC	ENSG00000257218.5	6.870	4.460	0.527	1.05e-20
ZHX1-C8orf76	ENSG00000259305.5	1.550	0.770	0.527	1.21e-29
CCDC102A	ENSG00000135736.5	1.800	0.945	0.526	1.94e-12
CCDC117	ENSG00000159873.9	11.040	7.360	0.526	1.04e-11
ME2	ENSG00000082212.11	9.640	6.390	0.526	1.29e-7
KIF3B	ENSG00000101350.7	9.290	6.145	0.526	1.11e-17
POLA1	ENSG00000101868.10	1.470	0.715	0.526	9.48e-22
TIMM10B	ENSG00000132286.11	10.010	6.645	0.526	9.67e-16
KIF13A	ENSG00000137177.18	9.130	6.035	0.526	5.38e-11
MCTP1	ENSG00000175471.19	1.160	0.500	0.526	3.05e-11
HIST1H2BC	ENSG00000180596.7	6.670	4.325	0.526	6.89e-4
FAM72B	ENSG00000188610.12	0.670	0.160	0.526	2.53e-23
RP11-242J7.1	ENSG00000254233.1	0.440	0.000	0.526	1.72e-13
C17orf59	ENSG00000196544.7	3.850	2.370	0.525	9.06e-21
SARS	ENSG00000031698.12	64.538	44.546	0.525	2.07e-13
HDAC7	ENSG00000061273.17	6.890	4.485	0.525	4.30e-11
ZNF416	ENSG00000083817.8	1.050	0.425	0.525	1.33e-30
RAB22A	ENSG00000124209.3	3.690	2.260	0.525	6.56e-17
SLC30A5	ENSG00000145740.18	18.661	12.665	0.525	6.51e-18
TAF1A-AS1	ENSG00000225265.1	1.920	1.030	0.525	1.05e-18
ABLIM2	ENSG00000163995.18	1.530	0.760	0.524	1.45e-9
C1QBP	ENSG00000108561.8	72.198	49.921	0.524	2.00e-8
DPH2	ENSG00000132768.13	9.340	6.190	0.524	1.34e-12
PTTG1IP	ENSG00000183255.11	65.662	45.359	0.524	2.01e-9
KIF1BP	ENSG00000198954.6	5.350	3.415	0.524	7.62e-13
RP11-867G23.8	ENSG00000255468.6	4.840	3.060	0.524	1.68e-9
RP5-967N21.11	ENSG00000275632.1	1.200	0.530	0.524	9.11e-19
ATXN7L3B	ENSG00000253719.3	8.640	5.710	0.523	1.59e-9
DAZAP2	ENSG00000183283.15	119.361	82.790	0.523	9.57e-10
DDX18	ENSG00000088205.12	13.070	8.795	0.523	7.55e-7
IFIT2	ENSG00000119922.8	4.620	2.910	0.523	2.21e-4
FGD5	ENSG00000154783.10	2.340	1.325	0.523	1.45e-8
NDUFS2	ENSG00000158864.12	111.422	77.235	0.523	2.43e-18
WDR41	ENSG00000164253.12	7.600	4.985	0.523	1.65e-13
METTL7B	ENSG00000170439.6	95.239	65.986	0.523	1.16e-3
TCEA2	ENSG00000171703.16	43.221	29.769	0.523	4.62e-7
MROH1	ENSG00000179832.17	7.730	5.075	0.523	9.29e-18
FAM118B	ENSG00000197798.8	4.610	2.905	0.523	7.27e-18
UQCRFS1P1	ENSG00000226085.3	2.570	1.485	0.523	1.09e-2
PARG	ENSG00000227345.8	4.130	2.570	0.523	7.53e-10
RDH14	ENSG00000240857.1	14.960	10.110	0.523	5.71e-14
ARL6IP1	ENSG00000170540.14	86.930	60.231	0.522	6.19e-4
PTBP1	ENSG00000011304.16	76.478	52.965	0.522	7.77e-25
SNX5	ENSG00000089006.16	41.659	28.704	0.522	4.64e-18
TAF5L	ENSG00000135801.9	7.960	5.240	0.522	3.53e-14
PARN	ENSG00000140694.16	10.410	6.945	0.522	9.34e-18
MED19	ENSG00000156603.14	8.110	5.345	0.522	1.72e-21

CCL5	ENSG00000271503.5	8.920	5.915	0.521	1.96e-4
GABRE	ENSG00000102287.16	3.800	2.344	0.521	6.46e-5
PCYOX1	ENSG00000116005.11	23.350	15.965	0.521	2.53e-3
SLC44A2	ENSG00000129353.14	9.840	6.555	0.521	1.32e-8
RALB	ENSG00000144118.13	13.330	8.985	0.521	1.94e-11
IL34	ENSG00000157368.10	1.720	0.895	0.521	3.44e-8
SPATA2	ENSG00000158480.10	3.500	2.135	0.521	1.09e-17
RFWD3	ENSG00000168411.13	2.580	1.495	0.521	7.86e-13
RABEP2	ENSG00000177548.12	6.280	4.075	0.521	2.15e-17
NXPH4	ENSG00000182379.9	0.550	0.080	0.521	3.69e-12
TMEM203	ENSG00000187713.6	27.029	18.530	0.521	1.26e-27
JKAMP	ENSG00000050130.17	15.300	10.370	0.520	5.92e-10
TM7SF3	ENSG00000064115.10	36.450	25.114	0.520	1.37e-2
POLB	ENSG00000070501.11	16.440	11.165	0.520	6.38e-9
MRPS30	ENSG00000112996.9	17.450	11.865	0.520	2.67e-26
HDAC1	ENSG00000116478.11	34.470	23.734	0.520	1.69e-15
SYMPK	ENSG00000125755.18	33.469	23.035	0.520	1.75e-21
NINJ1	ENSG00000131669.9	64.879	44.954	0.520	4.56e-18
OSER1	ENSG00000132823.10	18.181	12.375	0.520	8.49e-21
FAM86C1	ENSG00000158483.15	2.650	1.545	0.520	9.48e-17
RNF139	ENSG00000170881.4	11.830	7.950	0.520	3.27e-16
TGIF1	ENSG00000177426.20	28.169	19.345	0.520	1.53e-4
SCFD2	ENSG00000184178.15	3.330	2.020	0.520	2.03e-14
GSTK1	ENSG00000197448.13	279.983	194.894	0.520	6.41e-12
MYLK-AS1	ENSG00000239523.5	0.750	0.220	0.520	7.69e-27
CBY1	ENSG00000100211.10	16.190	10.995	0.519	1.15e-24
SLC46A1	ENSG00000076351.12	14.830	10.050	0.519	1.05e-11
TRMT5	ENSG00000126814.6	2.590	1.505	0.519	1.44e-17
GNB2	ENSG00000172354.9	109.972	76.420	0.519	3.80e-18
ZNF580	ENSG00000213015.8	7.500	4.930	0.519	1.38e-16
APP	ENSG00000142192.20	108.030	75.162	0.518	2.91e-2
RASGRF2	ENSG00000113319.11	0.790	0.250	0.518	1.98e-26
PCYT2	ENSG00000185813.10	84.459	58.695	0.518	2.06e-10
RP11-347C12.10	ENSG00000260219.2	1.850	0.990	0.518	2.29e-17
CAMK2N1	ENSG00000162545.5	35.121	24.250	0.517	2.00e-10
CERS4	ENSG00000090661.11	48.589	33.665	0.517	1.51e-7
CTD-2514K5.4	ENSG00000264272.1	0.760	0.230	0.517	1.08e-14
EML2	ENSG00000125746.14	10.050	6.720	0.517	2.41e-10
MRT04	ENSG00000053372.4	12.280	8.280	0.517	4.69e-18
NEIL3	ENSG00000109674.3	0.460	0.020	0.517	1.60e-23
HDLBP	ENSG00000115677.16	234.866	163.772	0.517	1.39e-19
PCDH17	ENSG00000118946.11	0.660	0.160	0.517	4.60e-26
MXD4	ENSG00000123933.14	15.150	10.285	0.517	1.37e-14
NIP7	ENSG00000132603.13	7.860	5.190	0.517	1.67e-9
TADA1	ENSG00000152382.5	10.170	6.805	0.517	1.15e-7
MRPL16	ENSG00000166902.4	43.191	29.890	0.517	1.97e-22
AHCYL1	ENSG00000168710.17	24.281	16.680	0.516	2.56e-6
CSTF2T	ENSG00000177613.8	5.820	3.770	0.516	5.17e-8
CTU2	ENSG00000174177.12	8.360	5.545	0.516	3.66e-19
EFNB2	ENSG00000125266.6	2.740	1.615	0.516	2.43e-9

TBC1D13	ENSG00000107021.15	7.800	5.155	0.516	9.31e-21
PRCP	ENSG00000137509.10	37.801	26.129	0.516	1.23e-4
IDH1	ENSG00000138413.13	136.996	95.530	0.516	1.41e-7
HSPA13	ENSG00000155304.5	4.770	3.035	0.516	3.87e-6
TLK1	ENSG00000198586.13	8.580	5.700	0.516	6.33e-11
ZNF337-AS1	ENSG00000213742.6	2.460	1.420	0.516	7.61e-13
ATG13	ENSG00000175224.16	25.189	17.330	0.515	3.58e-19
BMP4	ENSG00000125378.15	2.580	1.505	0.515	4.49e-10
C4orf3	ENSG00000164096.12	44.969	31.169	0.515	6.53e-7
CCDC170	ENSG00000120262.9	0.600	0.120	0.515	1.39e-15
CXCR3	ENSG00000186810.7	0.650	0.155	0.515	1.92e-14
EIF2B3	ENSG00000070785.16	14.600	9.915	0.515	1.84e-16
NOP58	ENSG00000055044.10	28.541	19.670	0.515	5.57e-13
MTFR1	ENSG00000066855.15	19.790	13.550	0.515	2.32e-9
UNC5B	ENSG00000107731.12	1.530	0.770	0.515	1.33e-8
SLAIN2	ENSG00000109171.14	11.480	7.735	0.515	7.14e-3
SLC22A23	ENSG00000137266.14	8.750	5.825	0.515	2.09e-8
MPP7	ENSG00000150054.18	1.000	0.400	0.515	8.31e-13
RRP1B	ENSG00000160208.12	5.610	3.625	0.515	4.43e-15
CD86	ENSG00000114013.15	1.320	0.625	0.514	4.54e-6
SZRD1	ENSG00000055070.16	27.710	19.105	0.514	4.74e-12
NUAK1	ENSG00000074590.13	2.120	1.185	0.514	1.79e-13
LMF2	ENSG00000100258.17	39.971	27.700	0.514	9.39e-19
GMPR2	ENSG00000100938.17	34.881	24.125	0.514	5.55e-25
WARS	ENSG00000140105.17	26.451	18.220	0.514	1.44e-9
TMEM18	ENSG00000151353.14	12.150	8.210	0.514	2.80e-15
FLNA	ENSG00000196924.14	65.158	45.331	0.514	9.00e-5
CCNY	ENSG00000108100.17	21.690	14.900	0.513	1.50e-8
CTD-2026D20.3	ENSG00000228782.7	1.890	1.025	0.513	1.90e-16
MID2	ENSG00000080561.13	2.540	1.480	0.513	1.05e-7
TOX4	ENSG00000092203.13	15.240	10.380	0.513	3.84e-10
TTF1	ENSG00000125482.12	3.950	2.470	0.513	2.41e-23
STARD3	ENSG00000131748.15	27.219	18.775	0.513	2.24e-20
FAM63A	ENSG00000143409.15	10.070	6.760	0.513	7.93e-12
PRPS1	ENSG00000147224.10	19.981	13.705	0.513	1.64e-9
SIGMAR1	ENSG00000147955.16	120.341	84.007	0.513	2.07e-10
FBXO4	ENSG00000151876.12	7.060	4.650	0.513	4.15e-19
RP9	ENSG00000164610.8	7.720	5.110	0.513	8.08e-28
POLH	ENSG00000170734.11	2.290	1.305	0.513	1.00e-12
TRIM69	ENSG00000185880.12	6.570	4.305	0.513	4.81e-10
RPS6KL1	ENSG00000198208.11	2.540	1.480	0.513	1.29e-11
TTC37	ENSG00000198677.10	9.690	6.490	0.513	3.51e-5
NEURL1B	ENSG00000214357.8	3.030	1.825	0.513	2.26e-6
CDR2	ENSG00000140743.7	8.660	5.775	0.512	4.75e-6
CMPK2	ENSG00000134326.11	1.930	1.055	0.512	1.51e-2
DNAAF2	ENSG00000165506.14	4.390	2.780	0.512	1.31e-11
EIF1AX	ENSG00000173674.10	22.781	15.680	0.512	2.37e-6
TYMP	ENSG00000025708.12	54.048	37.594	0.512	2.51e-4
VAMP3	ENSG00000049245.12	22.011	15.140	0.512	3.14e-10
XRCC5	ENSG00000079246.15	61.639	42.939	0.512	2.93e-16

MMD	ENSG00000108960.7	5.260	3.390	0.512	2.45e-6
SELPLG	ENSG00000110876.9	3.120	1.890	0.512	2.49e-5
FAM162A	ENSG00000114023.15	88.861	62.014	0.512	2.20e-12
ILF3	ENSG00000129351.17	34.241	23.709	0.512	1.29e-18
STX5	ENSG00000162236.11	28.410	19.630	0.512	1.23e-25
FAM21C	ENSG00000172661.17	10.860	7.315	0.512	1.29e-13
MIEF2	ENSG00000177427.12	3.970	2.485	0.512	8.95e-16
PEX26	ENSG00000215193.12	9.350	6.260	0.512	3.93e-6
ARFGEF2	ENSG00000124198.8	6.680	4.390	0.511	6.55e-5
C14orf1	ENSG00000133935.6	28.859	19.949	0.511	3.74e-8
C14orf169	ENSG00000170468.7	3.660	2.270	0.511	5.70e-22
DENND1A	ENSG00000119522.15	8.520	5.680	0.511	1.39e-21
SLC37A1	ENSG00000160190.13	3.290	2.010	0.511	3.64e-9
SLC33A1	ENSG00000169359.13	12.470	8.450	0.511	5.28e-4
MTBP	ENSG00000172167.7	0.710	0.200	0.511	2.01e-27
PAAF1	ENSG00000175575.12	11.540	7.800	0.511	3.44e-18
MPI	ENSG00000178802.17	22.930	15.795	0.511	1.20e-13
BTF3L4P2	ENSG00000213189.5	17.590	12.055	0.510	5.23e-11
COPS4	ENSG00000138663.8	11.500	7.775	0.510	2.75e-11
DDX24	ENSG00000089737.15	49.090	34.170	0.510	3.12e-22
SLC2A1	ENSG00000117394.19	2.710	1.605	0.510	2.40e-4
RABEPK	ENSG00000136933.16	28.220	19.525	0.510	5.62e-6
ESYT1	ENSG00000139641.12	45.972	31.980	0.510	8.17e-14
PLCB3	ENSG00000149782.11	3.900	2.440	0.510	1.10e-15
LRRCS7	ENSG00000180979.9	3.530	2.180	0.510	7.45e-11
FAM200A	ENSG00000221909.2	1.990	1.100	0.510	5.35e-28
ATG12	ENSG00000145782.12	16.720	11.455	0.509	4.26e-20
CELSR3	ENSG00000008300.14	0.800	0.265	0.509	9.48e-20
CTD-2267D19.3	ENSG00000266208.1	3.190	1.945	0.509	5.99e-11
DHDDS	ENSG00000117682.16	11.510	7.790	0.509	6.06e-11
ECI1	ENSG00000167969.12	130.661	91.531	0.509	4.35e-13
PFKP	ENSG00000067057.16	2.600	1.530	0.509	3.69e-6
OTUB2	ENSG00000089723.9	0.750	0.230	0.509	3.32e-24
IDH3B	ENSG00000101365.20	57.699	40.240	0.509	3.09e-25
TICAM1	ENSG00000127666.9	10.150	6.835	0.509	1.00e-8
FNBP1L	ENSG00000137942.16	5.900	3.850	0.509	4.00e-9
ZNF704	ENSG00000164684.13	1.590	0.820	0.509	3.17e-13
ZNF367	ENSG00000165244.6	1.810	0.975	0.509	2.80e-7
VPS37D	ENSG00000176428.5	2.920	1.755	0.509	2.19e-6
ZNF623	ENSG00000183309.11	2.970	1.790	0.509	2.90e-16
RPL4P4	ENSG00000229638.1	2.630	1.550	0.509	2.28e-16
CADM4	ENSG00000105767.2	3.870	2.425	0.508	1.82e-4
CDK5RAP1	ENSG00000101391.20	19.140	13.165	0.508	4.12e-33
CLCF1	ENSG00000175505.10	1.680	0.885	0.508	6.24e-3
LMF1	ENSG00000103227.18	11.130	7.530	0.508	1.22e-7
LYL1	ENSG00000104903.4	1.710	0.905	0.508	8.88e-12
POMGNT2	ENSG00000144647.5	5.100	3.290	0.508	5.72e-16
UTP23	ENSG00000147679.11	4.020	2.530	0.508	3.01e-13
MOCS2	ENSG00000164172.18	40.680	28.310	0.508	4.25e-13
RNF34	ENSG00000170633.16	9.640	6.480	0.508	6.81e-17

USP19	ENSG00000172046.18	15.040	10.280	0.508	1.27e-15
SMN1	ENSG00000172062.16	19.530	13.440	0.508	1.88e-13
RCE1	ENSG00000173653.7	8.360	5.580	0.508	4.37e-13
RP11-580I16.2	ENSG00000263766.5	1.020	0.420	0.508	5.39e-24
DR1	ENSG00000117505.12	9.170	6.155	0.507	2.26e-8
ELP6	ENSG00000163832.15	16.731	11.480	0.507	5.66e-22
NIPAL3	ENSG00000001461.16	2.170	1.230	0.507	6.25e-16
RASGRP3	ENSG00000152689.17	2.730	1.625	0.507	5.75e-7
SSBP3	ENSG00000157216.15	28.140	19.510	0.507	5.49e-6
ENTPD6	ENSG00000197586.12	32.300	22.425	0.507	8.37e-18
MAGIX	ENSG00000269313.5	11.290	7.650	0.507	2.85e-4
ASUN	ENSG00000064102.14	8.830	5.920	0.506	7.70e-20
CCNK	ENSG00000090061.17	9.040	6.070	0.506	1.40e-13
CX3CL1	ENSG00000006210.6	8.570	5.740	0.506	9.81e-5
NDUFAB1	ENSG00000004779.9	97.012	68.010	0.506	6.33e-16
SLC7A9	ENSG00000021488.12	10.270	6.935	0.506	1.41e-4
MED26	ENSG00000105085.10	3.110	1.895	0.506	6.95e-25
RPS6KA1	ENSG00000117676.13	6.820	4.505	0.506	4.01e-6
MPHOSPH10	ENSG00000124383.8	12.680	8.635	0.506	4.28e-14
UACA	ENSG00000137831.14	11.390	7.725	0.506	2.57e-18
SERINC5	ENSG00000164300.15	14.790	10.115	0.506	1.05e-4
RPL13	ENSG00000167526.13	1.602.267	1.127.685	0.506	1.41e-12
POLR1D	ENSG00000186184.15	50.499	35.275	0.506	6.54e-19
LINC01426	ENSG00000234380.1	0.590	0.120	0.506	5.11e-13
CSNK2A2	ENSG00000070770.8	14.200	9.710	0.505	2.15e-16
DRG2	ENSG00000108591.9	18.420	12.685	0.505	5.98e-22
EMC8	ENSG00000131148.8	10.850	7.350	0.505	1.35e-17
FBXW11	ENSG00000072803.17	9.160	6.160	0.505	1.40e-9
ZBED3	ENSG00000132846.5	4.380	2.790	0.505	2.00e-7
RTCA	ENSG00000137996.12	11.620	7.890	0.505	1.53e-18
ZCCHC7	ENSG00000147905.17	5.090	3.290	0.505	1.39e-21
SPIDR	ENSG00000164808.16	10.340	6.990	0.505	2.24e-11
FBN1	ENSG00000166147.13	3.100	1.890	0.505	7.06e-6
RBPMS2	ENSG00000166831.8	6.810	4.505	0.505	5.80e-6
HNRNPF	ENSG00000169813.16	77.988	54.649	0.505	2.46e-6
GLUD2	ENSG00000182890.4	2.660	1.580	0.505	1.11e-5
INTS5	ENSG00000185085.2	7.800	5.200	0.505	3.53e-21
ISY1	ENSG00000240682.9	9.130	6.140	0.505	2.48e-24
ABHD3	ENSG00000158201.9	18.270	12.585	0.504	1.25e-8
C17orf62	ENSG00000178927.16	36.380	25.359	0.504	1.08e-12
CCDC138	ENSG00000163006.11	1.240	0.580	0.504	4.81e-20
CTD-2270L9.4	ENSG00000260136.5	4.210	2.675	0.504	3.40e-19
DIRC2	ENSG00000138463.8	3.680	2.300	0.504	2.32e-10
E2F5	ENSG00000133740.10	2.220	1.270	0.504	4.82e-9
TIMM21	ENSG00000075336.11	21.070	14.565	0.504	2.34e-8
LAMP3	ENSG00000078081.7	0.560	0.100	0.504	1.28e-8
SLC35C2	ENSG00000080189.14	29.660	20.619	0.504	1.29e-26
TTF2	ENSG00000116830.11	1.850	1.010	0.504	2.24e-12
RBM18	ENSG00000119446.13	4.410	2.815	0.504	3.86e-18
USP18	ENSG00000184979.9	6.090	4.000	0.504	1.44e-3

RP11-793H13.11	ENSG00000270175.1	2.560	1.510	0.504	2.07e-15
RP11-1148L6.8	ENSG00000279528.1	7.210	4.790	0.504	6.66e-14
AC009403.2	ENSG00000216895.8	8.360	5.605	0.503	5.30e-12
C17orf80	ENSG00000141219.15	4.300	2.740	0.503	3.40e-19
CNOT8	ENSG00000155508.13	12.340	8.415	0.503	5.20e-9
DIAPH3	ENSG00000139734.17	0.460	0.030	0.503	1.66e-26
DTD2	ENSG00000129480.12	4.760	3.065	0.503	7.36e-9
M6PR	ENSG00000003056.7	35.070	24.445	0.503	2.27e-14
MSANTD3	ENSG00000066697.14	6.530	4.315	0.503	2.51e-10
FTO	ENSG00000140718.18	8.990	6.050	0.503	1.48e-5
PPM1D	ENSG00000170836.11	2.620	1.555	0.503	1.74e-12
SEPHS2	ENSG00000179918.16	186.237	131.160	0.503	9.73e-11
ZNF74	ENSG00000185252.17	2.110	1.195	0.503	1.63e-18
ZNF790	ENSG00000197863.8	2.600	1.540	0.503	4.27e-18
AURKAIP1	ENSG00000175756.13	129.534	91.205	0.502	8.48e-19
FAM120A	ENSG00000048828.16	27.509	19.130	0.502	6.13e-10
UPRT	ENSG00000094841.13	4.100	2.600	0.502	1.17e-15
SNX3	ENSG00000112335.14	100.273	70.499	0.502	5.86e-13
PUS1	ENSG00000177192.13	15.060	10.340	0.502	1.31e-18
ZNF530	ENSG00000183647.10	0.990	0.405	0.502	4.35e-23
ANKRD54	ENSG00000100124.12	10.080	6.830	0.501	2.61e-24
ATF1	ENSG00000123268.8	8.100	5.430	0.501	2.25e-6
BCL2L13	ENSG00000099968.17	17.421	12.013	0.501	5.62e-8
MAPK6	ENSG00000069956.11	11.210	7.625	0.501	1.57e-5
HSCB	ENSG00000100209.9	17.780	12.270	0.501	1.27e-15
PLEKHM2	ENSG00000116786.11	12.200	8.325	0.501	1.69e-12
TOX2	ENSG00000124191.17	2.700	1.615	0.501	2.21e-9
TRAF7	ENSG00000131653.12	25.259	17.554	0.501	3.64e-10
LEMD2	ENSG00000161904.11	24.390	16.945	0.501	4.98e-19
GLRX5	ENSG00000182512.4	55.329	38.810	0.501	4.96e-16
SELT	ENSG00000198843.12	40.861	28.589	0.501	1.02e-3
RP11-783K16.5	ENSG00000256940.1	1.760	0.950	0.501	8.88e-12
APOBEC3F	ENSG00000128394.16	1.970	1.100	0.500	3.05e-11
MED21	ENSG00000152944.8	8.420	5.660	0.500	1.20e-13
FAM122B	ENSG00000156504.16	5.670	3.715	0.500	7.30e-14
EXO5	ENSG00000164002.11	3.250	2.005	0.500	9.48e-15
NCOR2	ENSG00000196498.13	17.421	12.025	0.500	1.69e-8
HIST1H2AM	ENSG00000278677.1	0.570	0.110	0.500	1.48e-23
ENOSF1	ENSG00000132199.18	30.870	44.084	-0.500	1.27e-4
FAXDC2	ENSG00000170271.10	21.060	30.208	-0.500	7.49e-5
SPHK2	ENSG00000063176.15	7.400	10.889	-0.501	1.14e-4
FAAH	ENSG00000117480.15	16.180	23.315	-0.501	5.87e-6
FAM35BP	ENSG00000165874.12	2.900	4.520	-0.501	1.50e-6
RAB26	ENSG00000167964.12	6.830	10.080	-0.501	2.35e-3
ZNF75D	ENSG00000186376.14	2.360	3.755	-0.501	1.17e-4
C1S	ENSG00000182326.14	659.989	934.758	-0.502	9.95e-10
LINC01106	ENSG00000175772.10	1.040	1.890	-0.502	2.57e-2
ACOX2	ENSG00000168306.12	81.232	115.567	-0.503	8.75e-6
CTSG	ENSG00000100448.3	0.210	0.715	-0.503	3.79e-2
HOOK1	ENSG00000134709.10	4.800	7.220	-0.503	9.65e-8

PADI4	ENSG00000159339.13	0.020	0.445	-0.503	3.34e-36
MTND5P1	ENSG00000227999.1	0.090	0.545	-0.503	9.76e-21
SHC2	ENSG00000129946.10	31.371	44.905	-0.504	6.45e-5
TSTD2	ENSG00000136925.14	2.550	4.035	-0.504	1.89e-4
FAM46C	ENSG00000183508.4	1.260	2.205	-0.504	5.91e-6
PGA5	ENSG00000256713.7	0.040	0.475	-0.504	3.89e-29
GPR17	ENSG00000144230.16	0.110	0.575	-0.505	4.65e-17
RP11-1319K7.1	ENSG00000179978.11	0.170	0.660	-0.505	4.51e-8
VMO1	ENSG00000182853.11	2.580	4.080	-0.505	9.03e-11
ARID3C	ENSG00000205143.2	0.500	1.130	-0.506	6.08e-12
COL14A1	ENSG00000187955.11	2.360	3.770	-0.506	4.51e-2
LGI1	ENSG00000108231.11	0.010	0.435	-0.506	4.88e-18
ZFP36L1	ENSG00000185650.9	59.979	85.614	-0.506	1.80e-8
RP5-888M10.2	ENSG00000229484.1	0.370	0.945	-0.506	8.26e-9
RP11-418J17.1	ENSG00000231365.5	1.180	2.095	-0.506	4.09e-3
FOXO1	ENSG00000150907.6	3.440	5.310	-0.507	2.09e-11
RP11-136C24.3	ENSG00000273291.5	0.080	0.535	-0.507	2.71e-27
SETD6	ENSG00000103037.11	5.090	7.660	-0.508	1.97e-2
RP11-959F10.6	ENSG00000256863.1	0.680	1.390	-0.508	2.56e-6
ABCB4	ENSG00000005471.15	41.489	59.480	-0.509	2.24e-4
TNKS1BP1	ENSG00000149115.13	40.751	58.405	-0.509	1.90e-7
FAM110C	ENSG00000184731.5	4.380	6.655	-0.509	1.43e-9
WDR59	ENSG00000103091.14	17.400	25.209	-0.510	1.87e-5
HMCN1	ENSG00000143341.11	0.840	1.620	-0.510	3.91e-3
PANK1	ENSG00000152782.16	13.830	20.120	-0.510	2.68e-8
MLLT4	ENSG00000130396.20	19.350	28.006	-0.511	3.03e-5
GPHN	ENSG00000171723.15	14.580	21.205	-0.511	4.57e-9
LIPF	ENSG00000182333.14	0.000	0.425	-0.511	9.92e-32
RP11-1100L3.8	ENSG00000259884.1	1.830	3.034	-0.511	3.22e-2
AC034220.3	ENSG00000233006.6	1.710	2.864	-0.512	3.83e-6
CTSLP2	ENSG00000280913.2	0.220	0.740	-0.512	9.58e-13
SRSF5	ENSG00000100650.15	104.981	150.148	-0.512	2.82e-11
ZAP70	ENSG00000115085.13	1.290	2.265	-0.512	5.81e-3
FGD2	ENSG00000146192.14	1.040	1.910	-0.512	4.23e-9
KLRF1	ENSG00000150045.11	0.220	0.740	-0.512	4.31e-30
FAAH2	ENSG00000165591.6	5.750	8.625	-0.512	4.27e-5
RIMKLB	ENSG00000166532.15	1.150	2.065	-0.512	1.69e-3
SULT1A2	ENSG00000197165.10	13.550	19.758	-0.513	1.18e-3
APBA1	ENSG00000107282.7	1.770	2.955	-0.514	1.04e-3
CYP2C18	ENSG00000108242.12	23.950	34.639	-0.514	1.43e-6
PXDC1	ENSG00000168994.13	56.688	81.393	-0.514	9.49e-14
PKD1P6	ENSG00000270580.5	2.410	3.870	-0.514	1.89e-3
BEAN1-AS1	ENSG00000261656.5	0.130	0.615	-0.515	3.85e-20
LPIN1	ENSG00000134324.11	5.860	8.805	-0.515	4.89e-4
FYTTD1P1	ENSG00000234502.2	0.190	0.700	-0.515	4.84e-12
KLHL36	ENSG00000135686.12	5.390	8.140	-0.516	1.81e-7
OSMR	ENSG00000145623.12	3.780	5.835	-0.516	5.94e-3
FIGN	ENSG00000182263.13	0.360	0.945	-0.516	1.11e-12
ETNK2	ENSG00000143845.14	47.811	68.871	-0.517	1.58e-3
UGT2A1	ENSG00000173610.11	0.240	0.775	-0.517	1.15e-4

WDR86	ENSG00000187260.15	0.300	0.860	-0.517	1.32e-9
RP11-70D24.2	ENSG00000278058.1	0.950	1.790	-0.517	2.59e-10
SELO	ENSG00000073169.13	35.559	51.360	-0.518	2.33e-10
SPATA18	ENSG00000163071.10	0.330	0.905	-0.518	1.26e-3
CMTR2	ENSG00000180917.16	3.010	4.745	-0.519	7.98e-10
TGFB3	ENSG00000119699.7	2.870	4.544	-0.519	6.65e-5
RPL23P2	ENSG00000176054.6	0.350	0.935	-0.519	9.74e-14
ASIC3	ENSG00000213199.7	0.960	1.810	-0.520	2.63e-2
HOTAIRM1	ENSG00000233429.9	1.030	1.910	-0.520	7.45e-8
MICAL3	ENSG00000243156.7	5.170	7.844	-0.520	1.34e-4
WHAMMP2	ENSG00000248334.6	0.290	0.850	-0.520	2.10e-27
CFLAR-AS1	ENSG00000226312.7	0.150	0.650	-0.521	7.90e-25
CTBP1-AS	ENSG00000280927.1	0.160	0.665	-0.521	4.49e-23
FMO3	ENSG00000007933.12	132.458	190.440	-0.521	5.80e-5
ZNF596	ENSG00000172748.12	0.770	1.540	-0.521	1.63e-10
RP1-95L4.4	ENSG00000217648.1	1.700	2.875	-0.521	2.99e-13
UGT1A3	ENSG00000243135.5	8.560	12.720	-0.521	3.09e-2
DUSP5	ENSG00000138166.5	4.290	6.595	-0.522	2.74e-4
PDE8A	ENSG00000073417.14	9.750	14.440	-0.522	5.87e-9
RP11-700H6.4	ENSG00000262006.1	0.250	0.795	-0.522	2.30e-10
CTSLP2	ENSG00000266217.2	0.090	0.565	-0.522	1.82e-9
AC007319.1	ENSG00000224063.5	0.510	1.169	-0.523	3.14e-5
MYO10	ENSG00000145555.14	0.890	1.715	-0.523	2.91e-4
TMEM178A	ENSG00000152154.10	0.830	1.629	-0.523	6.26e-6
CATSPER2	ENSG00000166762.16	0.770	1.545	-0.524	6.80e-5
SEC61A2	ENSG00000065665.20	2.810	4.480	-0.524	3.07e-6
HDAC6	ENSG00000094631.18	36.141	52.405	-0.524	4.16e-9
U91324.1	ENSG00000229740.1	1.650	2.810	-0.524	1.52e-5
ACBD4	ENSG00000181513.14	26.060	37.925	-0.525	9.40e-8
BPI	ENSG00000101425.12	0.230	0.770	-0.525	8.18e-5
CEBPD	ENSG00000221869.4	40.610	58.879	-0.525	2.57e-7
PGC	ENSG00000096088.16	0.150	0.655	-0.525	1.85e-2
GNLY	ENSG00000115523.16	2.510	4.050	-0.525	3.59e-4
LINC00864	ENSG00000228055.2	0.150	0.655	-0.525	2.46e-5
ARHGEF7	ENSG00000102606.17	8.050	12.030	-0.526	8.93e-3
GNRH2	ENSG00000125787.11	0.000	0.440	-0.526	1.43e-2
SYTL2	ENSG00000137501.16	1.570	2.700	-0.526	3.32e-7
NBPF20	ENSG00000162825.16	0.820	1.620	-0.526	2.25e-8
SPATA13	ENSG00000182957.15	4.850	7.425	-0.526	2.53e-6
SPATA41	ENSG00000189419.6	0.590	1.290	-0.526	1.12e-2
RP11-478J18.2	ENSG00000274895.1	0.340	0.930	-0.526	1.65e-10
RBL2	ENSG00000103479.14	11.790	17.430	-0.527	1.39e-9
TCF21	ENSG00000118526.6	0.180	0.700	-0.527	5.59e-28
OAF	ENSG00000184232.8	87.601	126.671	-0.527	2.20e-10
FAM169B	ENSG00000185087.11	0.020	0.470	-0.527	2.55e-17
MCCC1-AS1	ENSG00000243368.2	0.190	0.715	-0.527	9.87e-12
FERMT2	ENSG00000073712.13	15.740	23.134	-0.528	3.96e-11
NR4A3	ENSG00000119508.17	0.310	0.890	-0.528	4.40e-9
PIK3R5	ENSG00000141506.13	0.730	1.495	-0.528	1.88e-8
DOPEY1	ENSG00000083097.14	1.550	2.680	-0.529	2.70e-12

KANK4	ENSG00000132854.18	0.060	0.530	-0.529	6.77e-5
ADCY5	ENSG00000173175.14	0.610	1.325	-0.530	8.74e-5
RP11-1069G10.1	ENSG00000259370.2	0.340	0.935	-0.530	1.17e-21
AC004160.4	ENSG00000230435.1	0.000	0.445	-0.531	3.17e-31
IGKV6-21	ENSG00000211611.2	0.000	0.445	-0.531	1.01e-2
NUDT16P1	ENSG00000246082.2	2.740	4.405	-0.531	7.75e-7
TRABD2B	ENSG00000269113.3	0.800	1.600	-0.531	4.39e-5
RP4-680D5.8	ENSG00000272510.1	3.930	6.125	-0.531	4.64e-6
SH3PXD2A	ENSG00000107957.16	2.520	4.090	-0.532	1.15e-4
NCOR1	ENSG00000141027.20	15.810	23.315	-0.532	3.06e-11
GLOD5	ENSG00000171433.11	1.660	2.845	-0.532	2.15e-8
SORCS2	ENSG00000184985.16	0.470	1.125	-0.532	5.12e-3
RP5-1056L3.3	ENSG00000226396.1	0.760	1.545	-0.532	4.13e-2
RP11-562A8.4	ENSG00000259298.1	0.110	0.605	-0.532	1.29e-30
AC005253.2	ENSG00000268030.1	0.310	0.895	-0.533	9.22e-12
STAG3L1	ENSG00000205583.13	1.360	2.415	-0.533	4.29e-4
CDH19	ENSG00000071991.8	0.060	0.535	-0.534	2.55e-17
SNED1	ENSG00000162804.13	1.410	2.490	-0.534	1.08e-11
RP11-327J17.2	ENSG00000259359.1	0.620	1.345	-0.534	1.85e-7
CPOX	ENSG00000080819.6	6.760	10.245	-0.535	1.83e-10
SCN9A	ENSG00000169432.14	0.380	1.000	-0.535	1.34e-4
RP3-508I15.19	ENSG00000230149.2	0.180	0.710	-0.535	1.52e-16
RP11-390K5.6	ENSG00000270060.1	0.170	0.695	-0.535	8.46e-21
UTY	ENSG00000183878.15	0.600	1.320	-0.536	1.01e-2
RP5-1074L1.4	ENSG00000273373.1	0.690	1.450	-0.536	2.61e-3
CTD-3076M17.1	ENSG00000280306.1	0.640	1.380	-0.537	8.54e-17
DPYS	ENSG00000147647.12	141.483	205.806	-0.537	1.16e-6
TTC14	ENSG00000163728.10	4.840	7.475	-0.537	3.43e-2
NAV2	ENSG00000166833.19	3.090	4.935	-0.537	2.94e-5
TPST1	ENSG00000169902.13	9.250	13.875	-0.537	3.88e-9
SLC25A20	ENSG00000178537.9	35.351	51.758	-0.537	6.95e-12
PFN1P2	ENSG00000270392.2	0.320	0.915	-0.537	1.81e-17
AKAP7	ENSG00000118507.15	4.880	7.540	-0.538	8.51e-7
HSD17B7P2	ENSG00000099251.14	1.500	2.630	-0.538	4.71e-5
IL18RAP	ENSG00000115607.9	0.240	0.800	-0.538	1.97e-25
ACSM2B	ENSG00000066813.14	194.024	282.321	-0.539	3.36e-7
OLFM1	ENSG00000130558.18	0.580	1.295	-0.539	7.04e-4
MGC32805	ENSG00000250328.5	1.430	2.530	-0.539	1.91e-6
RP11-449P15.1	ENSG00000257607.1	1.140	2.110	-0.539	1.85e-3
GDA	ENSG00000119125.16	9.740	14.615	-0.540	8.93e-6
TNFRSF10D	ENSG00000173530.5	2.500	4.090	-0.540	9.15e-9
RP11-400G3.5	ENSG00000276490.1	0.760	1.560	-0.540	1.04e-12
AP000347.2	ENSG00000272578.5	0.440	1.095	-0.541	1.32e-4
PDE11A	ENSG00000128655.16	0.340	0.950	-0.541	6.89e-9
LONRF1	ENSG00000154359.12	2.650	4.310	-0.541	1.38e-11
RP11-88H9.2	ENSG00000231437.3	0.110	0.615	-0.541	3.48e-18
SLC7A5	ENSG00000103257.8	3.590	5.684	-0.542	4.06e-3
KLF7	ENSG00000118263.14	0.910	1.780	-0.542	6.94e-7
PRG2	ENSG00000186652.9	0.260	0.835	-0.542	5.28e-5
ACRC	ENSG00000147174.11	0.270	0.850	-0.543	4.04e-14

CH507-9B2.2	ENSG00000279493.1	0.400	1.040	-0.543	2.96e-4
INTS10	ENSG00000104613.11	24.470	36.100	-0.543	1.06e-9
FEZ1	ENSG00000149557.12	2.290	3.795	-0.543	1.32e-4
SYNPO2	ENSG00000172403.10	0.760	1.565	-0.543	1.60e-11
LINC00885	ENSG00000224652.1	0.050	0.530	-0.543	1.25e-12
DFFB	ENSG00000169598.15	1.040	1.975	-0.544	1.18e-8
POLI	ENSG00000101751.10	2.670	4.350	-0.544	5.20e-5
IGLON5	ENSG00000142549.9	0.080	0.575	-0.544	1.62e-18
UGT2B7	ENSG00000171234.13	81.968	119.996	-0.544	3.72e-5
TPSAB1	ENSG00000172236.16	1.400	2.500	-0.544	2.78e-2
VPS9D1	ENSG00000075399.12	6.540	10.005	-0.546	1.47e-3
MS4A1	ENSG00000156738.17	0.140	0.665	-0.546	9.65e-6
SPRYD4	ENSG00000176422.12	19.191	28.478	-0.546	3.66e-14
HBD	ENSG00000223609.7	0.000	0.460	-0.546	8.33e-18
ARAP2	ENSG00000047365.11	1.030	1.965	-0.547	4.22e-10
CFAP69	ENSG00000105792.19	0.800	1.630	-0.547	7.49e-16
CTB-51J22.1	ENSG00000232415.1	0.160	0.695	-0.547	3.04e-3
MTHFD1	ENSG00000100714.15	76.240	111.851	-0.547	6.45e-5
IL13RA2	ENSG00000123496.7	0.170	0.710	-0.547	7.75e-12
TIAM1	ENSG00000156299.12	0.650	1.410	-0.547	5.16e-7
RP11-34P13.13	ENSG00000241860.6	0.550	1.265	-0.547	7.47e-4
KHK	ENSG00000138030.12	166.271	243.638	-0.548	2.48e-7
FGD4	ENSG00000139132.14	2.040	3.445	-0.548	2.72e-6
OXER1	ENSG00000162881.6	8.520	12.920	-0.548	5.67e-3
LIME1	ENSG00000203896.9	46.070	67.841	-0.548	4.91e-4
CTD-2303H24.2	ENSG00000273018.5	0.220	0.785	-0.549	2.35e-8
FAM65B	ENSG00000111913.15	0.500	1.195	-0.549	1.72e-10
SCG5	ENSG00000166922.8	3.650	5.804	-0.549	3.61e-2
ACAT1	ENSG00000075239.13	206.743	303.131	-0.550	1.59e-13
BCL2A1	ENSG00000140379.7	0.970	1.885	-0.550	5.21e-3
LTBP4	ENSG00000090006.17	12.840	19.265	-0.550	1.17e-5
GALNT3	ENSG00000115339.13	0.260	0.845	-0.550	1.05e-4
HMG5	ENSG00000198157.10	3.430	5.484	-0.550	2.40e-5
ZNF10	ENSG00000256223.5	1.620	2.835	-0.550	1.26e-7
RP13-104F24.1	ENSG00000266820.1	1.090	2.060	-0.550	6.97e-5
TXK	ENSG00000074966.10	0.150	0.685	-0.551	4.07e-29
TNS1	ENSG00000079308.16	8.270	12.580	-0.551	5.35e-6
MMRN1	ENSG00000138722.9	0.440	1.110	-0.551	1.40e-12
SPNS2	ENSG00000183018.8	2.440	4.040	-0.551	8.15e-4
RN7SKP70	ENSG00000252464.1	0.000	0.465	-0.551	4.75e-11
BTA1	ENSG00000095564.13	3.040	4.925	-0.553	4.90e-6
ADAM33	ENSG00000149451.17	0.140	0.675	-0.555	1.07e-10
FAM46A	ENSG00000112773.15	3.460	5.555	-0.555	3.89e-10
SYPL2	ENSG00000143028.8	1.590	2.805	-0.555	1.50e-4
RP11-166N17.1	ENSG00000227253.3	0.140	0.675	-0.555	1.20e-23
RNASE4	ENSG00000258818.3	84.882	125.187	-0.555	5.49e-6
LINC01176	ENSG00000281404.1	0.780	1.615	-0.555	2.38e-4
SH3YL1	ENSG00000035115.21	3.590	5.750	-0.556	1.56e-2
TTC38	ENSG00000075234.16	69.990	103.374	-0.556	1.50e-13
PCSK4	ENSG00000115257.15	1.540	2.735	-0.556	2.01e-4

IGLV1-36	ENSG00000211655.3	0.000	0.470	-0.556	1.32e-4
RP11-344P13.4	ENSG00000228826.2	1.810	3.130	-0.556	4.83e-6
RP11-325K4.3	ENSG00000261270.1	0.180	0.735	-0.556	2.52e-18
ANKRD37	ENSG00000186352.8	4.920	7.715	-0.558	2.98e-5
HOXB3	ENSG00000120093.11	0.470	1.165	-0.558	6.67e-5
RP11-661A12.5	ENSG00000254859.1	1.130	2.135	-0.558	2.67e-3
CYB5D1	ENSG00000182224.11	2.810	4.615	-0.559	2.41e-13
ABCA6	ENSG00000154262.12	18.510	27.760	-0.560	3.44e-5
BMP1	ENSG00000168487.17	8.420	12.885	-0.560	1.69e-6
C4orf29	ENSG00000164074.14	2.050	3.495	-0.560	1.93e-14
SLC4A4	ENSG00000080493.13	2.350	3.940	-0.560	3.36e-6
SERPINA10	ENSG00000140093.9	84.541	125.109	-0.560	1.86e-10
HMGCL	ENSG00000117305.14	93.863	138.947	-0.561	1.59e-12
RP11-196G11.2	ENSG00000260911.2	0.210	0.785	-0.561	1.17e-14
RP11-235E17.6	ENSG00000262903.1	0.220	0.800	-0.561	7.95e-10
LINC00864	ENSG00000264404.2	0.860	1.745	-0.561	3.39e-3
IGKV1D-13	ENSG00000276566.1	0.000	0.475	-0.561	6.22e-3
MGLL	ENSG00000074416.13	25.899	38.703	-0.562	1.35e-7
FBXL8	ENSG00000135722.8	2.900	4.760	-0.562	2.20e-2
TRIB1	ENSG00000173334.3	21.120	31.645	-0.562	3.18e-7
MIR22HG	ENSG00000186594.12	5.460	8.535	-0.562	3.25e-13
RP11-799B12.2	ENSG00000264924.1	0.480	1.185	-0.562	1.03e-6
SLC2A3	ENSG00000059804.15	2.940	4.819	-0.563	1.56e-4
RAB11FIP1P1	ENSG00000228492.2	0.300	0.920	-0.563	5.52e-15
RP11-326C3.15	ENSG00000270972.1	0.300	0.920	-0.563	2.36e-8
TMEM220	ENSG00000187824.8	19.329	29.050	-0.564	3.04e-10
AKR7A3	ENSG00000162482.4	43.359	64.645	-0.565	4.78e-9
SLCO1A2	ENSG00000084453.16	0.440	1.130	-0.565	4.98e-2
TTPA	ENSG00000137561.4	13.710	20.755	-0.565	7.26e-6
NONOP2	ENSG00000237522.1	0.240	0.835	-0.565	1.49e-28
RP11-1072A3.3	ENSG00000279196.1	0.490	1.205	-0.565	3.28e-11
FYN	ENSG00000010810.17	12.940	19.635	-0.566	4.54e-7
USPL1	ENSG00000132952.11	2.850	4.700	-0.566	1.53e-10
RP11-468N14.3	ENSG00000251424.1	2.080	3.560	-0.566	2.20e-2
RP11-582J16.5	ENSG00000253200.1	0.260	0.865	-0.566	2.35e-18
BLK	ENSG00000136573.12	0.100	0.630	-0.567	3.90e-19
PPBP	ENSG00000163736.3	0.050	0.555	-0.567	4.51e-23
PPAPDC1A	ENSG00000203805.10	0.060	0.570	-0.567	6.41e-8
RP11-139K1.2	ENSG00000227560.1	0.100	0.630	-0.567	4.91e-22
RP11-740C1.2	ENSG00000231100.1	0.600	1.370	-0.567	3.37e-11
RP3-402G11.27	ENSG00000272836.1	0.410	1.090	-0.568	8.71e-13
PIK3R1	ENSG00000145675.14	10.760	16.449	-0.569	6.45e-6
ZFYVE28	ENSG00000159733.13	1.730	3.050	-0.569	9.20e-8
MAP2K1	ENSG00000169032.9	18.439	27.855	-0.570	2.00e-13
TMEM56	ENSG00000152078.9	13.210	20.120	-0.572	7.81e-9
VDAC1P8	ENSG00000229036.7	0.460	1.170	-0.572	3.11e-12
AC093642.3	ENSG00000237940.3	0.250	0.860	-0.573	5.74e-10
C2orf40	ENSG00000119147.9	0.220	0.815	-0.573	3.60e-13
PRICKLE4	ENSG00000124593.14	2.720	4.534	-0.573	2.44e-5
AMPD2	ENSG00000116337.15	18.500	28.024	-0.574	2.26e-2

PTS	ENSG00000150787.7	23.119	34.910	-0.574	6.08e-14
GFRA1	ENSG00000151892.14	3.570	5.805	-0.574	1.97e-7
KCNT2	ENSG00000162687.16	0.740	1.590	-0.574	1.40e-6
KRT6A	ENSG00000205420.10	0.000	0.490	-0.575	9.94e-6
RP11-793H13.8	ENSG00000257379.1	0.450	1.160	-0.575	2.32e-13
ZBTB21	ENSG00000173276.13	1.640	2.935	-0.576	3.05e-17
HSPB7	ENSG00000173641.17	0.200	0.790	-0.577	1.98e-7
RPS2P7	ENSG00000235508.3	0.260	0.880	-0.577	3.50e-12
CPS1	ENSG00000021826.14	201.564	301.339	-0.578	1.16e-7
DLC1	ENSG00000164741.14	4.090	6.600	-0.578	8.38e-15
MS4A6A	ENSG00000110077.14	16.700	25.424	-0.578	1.04e-5
PDE7B	ENSG00000171408.13	0.330	0.985	-0.578	4.35e-19
ABI3BP	ENSG00000154175.16	0.640	1.450	-0.579	1.27e-4
LYG1	ENSG00000144214.9	0.600	1.390	-0.579	3.84e-7
FAM156A	ENSG00000268350.7	3.710	6.035	-0.579	2.48e-2
SRCIN1	ENSG00000277363.4	3.590	5.860	-0.580	4.62e-3
CA3	ENSG00000164879.6	0.130	0.690	-0.581	3.78e-10
SLCO4A1	ENSG00000101187.15	0.330	0.990	-0.581	5.17e-6
TSNAXIP1	ENSG00000102904.14	0.330	0.990	-0.581	1.06e-21
GS1-21A4.2	ENSG00000270385.1	0.130	0.690	-0.581	7.20e-13
ACAP1	ENSG00000072818.11	2.530	4.285	-0.582	1.09e-2
IGFBP4	ENSG00000141753.6	362.138	542.638	-0.582	3.12e-13
HPD	ENSG00000158104.11	521.961	781.958	-0.582	2.32e-9
RP11-168L7.1	ENSG00000258460.1	0.530	1.290	-0.582	6.19e-3
CHST7	ENSG00000147119.3	1.680	3.015	-0.583	2.25e-5
PI4KAP2	ENSG00000183506.16	3.790	6.175	-0.583	4.38e-2
PPP1R1A	ENSG00000135447.16	38.719	58.549	-0.584	6.98e-4
RASSF5	ENSG00000266094.6	3.680	6.015	-0.584	5.25e-7
ZNF224	ENSG00000267680.5	3.170	5.250	-0.584	7.53e-3
APOBEC3A	ENSG00000128383.12	0.130	0.695	-0.585	1.89e-30
CFAP57	ENSG00000243710.7	0.320	0.980	-0.585	2.95e-16
DGCR5	ENSG00000237517.8	1.020	2.030	-0.585	5.01e-4
FABP1	ENSG00000163586.9	1.784.989	2.677.924	-0.585	4.25e-7
SCARA5	ENSG00000168079.16	0.040	0.560	-0.585	3.97e-13
SLC16A4	ENSG00000168679.17	0.640	1.460	-0.585	1.52e-5
LGALS7B	ENSG00000178934.4	0.000	0.500	-0.585	1.24e-2
GOLGA8M	ENSG00000188626.6	0.340	1.010	-0.585	2.84e-17
PTPRC	ENSG00000081237.18	2.040	3.570	-0.588	7.30e-4
LRR37A7P	ENSG00000265158.1	0.470	1.210	-0.588	9.34e-7
CTRB1	ENSG00000168925.10	0.000	0.504	-0.589	5.75e-27
PRKAR2B	ENSG00000005249.12	0.180	0.775	-0.589	5.84e-16
SCARF1	ENSG00000074660.15	2.620	4.444	-0.589	1.09e-11
ENTPD4	ENSG00000197217.12	3.740	6.130	-0.589	6.09e-8
RP11-334A14.2	ENSG00000236360.2	0.130	0.700	-0.589	9.06e-14
RP13-128O4.3	ENSG00000250995.1	0.190	0.790	-0.589	1.23e-26
RP3-368A4.6	ENSG00000271533.1	0.300	0.955	-0.589	3.00e-16
CWC25	ENSG00000273559.4	5.400	8.635	-0.590	1.31e-7
XXbac-B461K10.4	ENSG00000093100.13	6.420	10.172	-0.590	1.49e-7
GFOD2	ENSG00000141098.12	10.720	16.645	-0.590	1.14e-10
PPT2-EGFL8	ENSG00000258388.7	0.750	1.635	-0.590	4.69e-4

AC083843.1	ENSG00000259820.1	0.520	1.290	-0.591	6.79e-8
BMS1P1	ENSG00000204177.10	0.480	1.230	-0.591	2.39e-12
EDNRB	ENSG00000136160.14	3.980	6.500	-0.591	8.98e-11
HLF	ENSG00000108924.13	11.380	17.649	-0.591	3.66e-4
GDF7	ENSG00000143869.6	0.600	1.410	-0.591	1.06e-10
CECR2	ENSG00000099954.18	0.980	1.985	-0.592	8.05e-9
COBLL1	ENSG00000082438.15	11.870	18.400	-0.592	3.79e-6
PEX11G	ENSG00000104883.7	6.760	10.695	-0.592	7.76e-10
MDN1	ENSG00000112159.11	8.250	12.948	-0.592	5.70e-9
PPL	ENSG00000118898.15	2.910	4.895	-0.592	1.17e-7
MUM1	ENSG00000160953.14	14.030	21.675	-0.593	3.41e-4
SPG7	ENSG00000197912.13	24.330	37.196	-0.593	2.78e-10
RP11-903H12.3	ENSG00000258451.1	0.230	0.855	-0.593	1.03e-31
CTD-2600H12.2	ENSG00000280067.1	0.110	0.675	-0.594	1.38e-36
CD69	ENSG00000110848.8	0.860	1.810	-0.595	4.40e-8
LEAP2	ENSG00000164406.7	112.282	170.153	-0.595	7.65e-8
TMC8	ENSG00000167895.14	1.430	2.670	-0.595	4.80e-5
RP11-517I3.2	ENSG00000279118.1	0.410	1.130	-0.595	2.18e-32
DGCR8	ENSG00000128191.13	5.810	9.295	-0.596	4.90e-4
IZUMO4	ENSG00000099840.13	1.990	3.520	-0.596	4.27e-6
F3	ENSG00000117525.13	0.780	1.690	-0.596	1.38e-7
RP11-468E2.5	ENSG00000259321.1	0.350	1.040	-0.596	1.68e-14
CALML6	ENSG00000169885.9	0.240	0.875	-0.597	1.09e-12
CBR4	ENSG00000145439.11	7.910	12.475	-0.597	2.93e-12
NAGS	ENSG00000161653.10	11.420	17.780	-0.597	1.02e-3
SLC25A34	ENSG00000162461.7	0.530	1.315	-0.597	4.16e-10
RP11-33B1.1	ENSG00000245958.6	3.760	6.200	-0.597	3.38e-7
ATP6V1C2	ENSG00000143882.9	0.480	1.240	-0.598	1.25e-9
WASF3	ENSG00000132970.12	0.900	1.875	-0.598	3.15e-6
MBNL2	ENSG00000139793.18	10.790	16.840	-0.598	5.04e-10
GLT1D1	ENSG00000151948.11	6.570	10.455	-0.598	1.93e-8
FUT6	ENSG00000156413.13	2.640	4.510	-0.598	6.73e-3
RN7SKP296	ENSG00000223117.1	0.000	0.515	-0.599	1.27e-29
RP11-110I1.5	ENSG00000254909.1	0.350	1.045	-0.599	3.05e-8
TRPV1	ENSG00000262304.1	1.730	3.135	-0.599	9.08e-10
LIMCH1	ENSG00000064042.17	1.470	2.745	-0.600	6.72e-4
MLYCD	ENSG00000103150.5	3.840	6.335	-0.600	4.60e-21
PARP15	ENSG00000173200.12	0.290	0.955	-0.600	1.22e-10
AP006216.5	ENSG00000236267.1	0.450	1.200	-0.601	3.36e-5
WDFY2	ENSG00000139668.8	1.220	2.370	-0.602	1.57e-10
RP11-395I6.3	ENSG00000260296.1	0.380	1.095	-0.602	1.14e-7
CICP14	ENSG00000281490.1	0.820	1.765	-0.603	1.20e-6
PRPF38B	ENSG00000134186.11	7.400	11.760	-0.603	7.55e-4
NLGN2	ENSG00000169992.9	1.150	2.265	-0.603	9.82e-7
RP11-288H12.3	ENSG00000213073.4	0.350	1.050	-0.603	9.72e-20
MTND4P19	ENSG00000230338.1	0.050	0.595	-0.603	6.35e-26
EFNA2	ENSG00000099617.3	1.820	3.285	-0.604	3.19e-6
PLCB2	ENSG00000137841.11	2.750	4.700	-0.604	8.71e-9
AC008592.4	ENSG00000251409.1	0.190	0.810	-0.605	2.76e-2
ANKRD23	ENSG00000163126.14	0.650	1.510	-0.605	1.66e-4

BTBD19	ENSG00000222009.8	1.160	2.285	-0.605	3.27e-17
INHBC	ENSG00000175189.3	15.000	23.335	-0.605	2.14e-9
NPM1P25	ENSG00000229417.1	1.120	2.225	-0.605	9.32e-18
RP11-299G20.2	ENSG00000259172.1	3.100	5.235	-0.605	2.81e-2
CTD-2033D15.3	ENSG00000278621.1	0.110	0.690	-0.606	1.19e-12
EHHADH	ENSG00000113790.10	44.010	67.494	-0.606	5.00e-7
LRRRC75B	ENSG00000178026.12	11.570	18.136	-0.606	1.44e-6
RP11-863K10.7	ENSG00000183154.1	0.130	0.720	-0.606	1.05e-43
SNX29P2	ENSG00000198106.8	0.140	0.735	-0.606	1.12e-27
PLA2G5	ENSG00000127472.10	1.360	2.595	-0.607	6.78e-11
RBP5	ENSG00000139194.7	92.353	141.219	-0.607	7.58e-6
PAPSS2	ENSG00000198682.12	14.280	22.269	-0.607	3.46e-13
ZCCHC24	ENSG00000165424.6	7.430	11.850	-0.608	9.49e-19
SERPINF2	ENSG00000167711.13	439.554	670.479	-0.608	6.82e-9
IL27	ENSG00000197272.2	3.650	6.085	-0.608	1.79e-5
CTD-2555O16.4	ENSG00000272909.1	0.370	1.090	-0.609	6.92e-19
RP11-181G12.2	ENSG00000182873.5	0.390	1.120	-0.609	3.46e-12
ENTPD8	ENSG00000188833.9	3.490	5.850	-0.609	4.66e-5
SKP1P1	ENSG00000231234.2	0.550	1.365	-0.609	7.34e-19
RP11-130L8.2	ENSG00000269976.1	4.850	7.920	-0.609	4.82e-4
RP3-453C12.14	ENSG00000275894.1	0.340	1.045	-0.610	1.33e-17
RP11-139H15.5	ENSG00000276533.1	0.530	1.335	-0.610	1.32e-10
N4BP2L2-IT2	ENSG00000281026.1	0.150	0.755	-0.610	1.11e-31
ARMC12	ENSG00000157343.8	0.270	0.940	-0.611	1.14e-14
DMD	ENSG00000198947.14	5.750	9.310	-0.611	4.43e-10
ARHGAP9	ENSG00000123329.17	3.150	5.344	-0.612	1.23e-4
CFTR	ENSG00000001626.14	0.060	0.620	-0.612	2.18e-3
EML3	ENSG00000149499.11	15.850	24.752	-0.612	2.82e-3
FNIP2	ENSG00000052795.12	4.810	7.880	-0.612	3.64e-8
REPS1	ENSG00000135597.18	10.710	16.900	-0.612	3.78e-17
NR1I3	ENSG00000143257.11	63.319	97.328	-0.612	1.61e-6
ATG2B	ENSG00000066739.11	2.460	4.290	-0.613	1.85e-11
SOX6	ENSG00000110693.15	0.690	1.585	-0.613	2.56e-9
KIAA1875	ENSG00000179698.13	0.350	1.065	-0.613	6.20e-8
IGLV7-43	ENSG00000211652.2	0.210	0.850	-0.613	2.22e-2
LINC00939	ENSG00000249267.6	0.150	0.759	-0.613	1.32e-23
RP11-116D2.1	ENSG00000261012.2	23.789	36.922	-0.613	4.09e-10
BASP1	ENSG00000176788.8	1.820	3.315	-0.614	5.74e-3
MLPH	ENSG00000115648.13	14.410	22.580	-0.614	5.74e-4
SLC22A3	ENSG00000146477.5	6.950	11.170	-0.614	7.32e-10
CTC-490E21.11	ENSG00000279108.1	0.740	1.665	-0.615	9.23e-4
FBLN5	ENSG00000140092.14	7.200	11.560	-0.615	2.68e-7
SPACA6P	ENSG00000182310.12	0.610	1.465	-0.615	8.56e-3
HSBP1L1	ENSG00000226742.3	16.790	26.255	-0.615	5.09e-7
AC005519.4	ENSG00000258559.2	0.210	0.855	-0.616	5.44e-21
PSD4	ENSG00000125637.15	15.750	24.675	-0.616	2.00e-19
AC009404.2	ENSG00000236255.1	0.470	1.255	-0.617	7.04e-14
SLC6A16	ENSG00000063127.15	1.250	2.450	-0.617	6.23e-16
PIK3C2G	ENSG00000139144.9	1.500	2.835	-0.617	1.42e-12
RNF217	ENSG00000146373.16	1.700	3.140	-0.617	1.88e-9

RP11-378J18.9	ENSG00000276997.4	1.220	2.405	-0.617	3.22e-6
MSANTD2	ENSG00000120458.9	1.310	2.545	-0.618	3.12e-5
DYNC1L12	ENSG00000135720.12	7.980	12.795	-0.619	1.91e-6
WDR66	ENSG00000158023.9	0.250	0.920	-0.619	2.01e-24
RP11-81A1.6	ENSG00000278600.1	0.660	1.550	-0.619	4.77e-11
SYTL5	ENSG00000147041.11	0.200	0.845	-0.621	7.16e-28
MINK1	ENSG00000141503.15	9.800	15.625	-0.622	2.40e-2
SRD5A1	ENSG00000145545.11	8.990	14.380	-0.622	2.97e-9
IL2RB	ENSG00000100385.13	1.020	2.110	-0.623	1.97e-4
DMRTA1	ENSG00000176399.3	1.320	2.575	-0.624	3.16e-14
PTGS2	ENSG00000073756.11	0.090	0.680	-0.624	7.70e-23
IDS	ENSG00000241489.7	0.690	1.605	-0.624	3.50e-4
LONP2	ENSG00000102910.13	23.180	36.279	-0.625	1.15e-12
HMBX1	ENSG00000147421.17	4.280	7.140	-0.625	2.70e-6
ADM	ENSG00000148926.9	7.920	12.770	-0.626	1.23e-5
PPP1R15A	ENSG00000087074.7	12.860	20.393	-0.626	2.93e-8
RP11-54O7.3	ENSG00000223764.2	0.050	0.620	-0.626	5.70e-31
ANXA8	ENSG00000265190.6	0.120	0.730	-0.627	4.29e-7
CD163	ENSG00000177575.12	10.280	16.424	-0.627	6.37e-4
CELA3A	ENSG00000142789.19	0.000	0.544	-0.627	1.00e-20
RAD51-AS1	ENSG00000245849.6	1.040	2.150	-0.627	2.18e-3
BMP10	ENSG00000163217.1	0.000	0.545	-0.628	2.93e-60
RGS2	ENSG00000116741.7	6.430	10.480	-0.628	2.14e-2
RP11-326A19.5	ENSG00000259948.2	42.001	65.443	-0.628	4.42e-10
RP11-45A17.2	ENSG00000277959.1	0.770	1.735	-0.628	3.89e-13
RP11-1228E12.1	ENSG00000280279.1	0.810	1.800	-0.629	2.03e-6
CHRNE	ENSG00000108556.7	0.700	1.630	-0.630	6.89e-19
GATA6-AS1	ENSG00000266010.1	2.190	3.945	-0.632	9.81e-11
IGHV3-74	ENSG00000224650.2	0.270	0.970	-0.633	3.36e-2
RP11-192H23.8	ENSG00000264608.1	0.390	1.155	-0.633	1.48e-10
AC009501.4	ENSG00000231609.5	0.320	1.050	-0.635	1.69e-22
ALOX5	ENSG00000012779.10	1.290	2.560	-0.636	6.52e-3
SGK1	ENSG00000118515.11	20.120	31.825	-0.636	1.64e-8
PPM1K	ENSG00000163644.14	1.030	2.155	-0.636	4.85e-14
RGAG4	ENSG00000242732.4	0.570	1.440	-0.636	1.52e-6
RP13-104F24.3	ENSG00000265298.1	1.980	3.630	-0.636	3.20e-2
ALDH1A2	ENSG00000128918.14	3.410	5.860	-0.637	2.28e-6
RORA	ENSG00000069667.15	4.170	7.040	-0.637	2.19e-9
SIGLEC1	ENSG00000088827.12	1.270	2.530	-0.637	1.42e-8
RBMS3	ENSG00000144642.20	0.350	1.100	-0.637	4.41e-30
LINC01127	ENSG00000281162.2	1.270	2.530	-0.637	5.06e-9
BX842568.2	ENSG00000223723.1	0.510	1.350	-0.638	2.85e-22
SLC6A12	ENSG00000111181.12	12.940	20.695	-0.638	3.86e-6
SPIRE1	ENSG00000134278.14	0.950	2.035	-0.638	7.76e-3
LINC00890	ENSG00000260802.1	0.050	0.635	-0.639	9.22e-7
ZFY	ENSG00000067646.11	0.470	1.290	-0.640	5.44e-5
NR3C1	ENSG00000113580.14	11.840	19.005	-0.640	1.74e-8
ATP11C	ENSG00000101974.14	6.020	9.945	-0.641	1.93e-11
PTK2B	ENSG00000120899.17	4.000	6.795	-0.641	1.11e-10
CYP4V2	ENSG00000145476.15	21.209	33.669	-0.642	1.52e-12

DCXR	ENSG00000169738.7	569.281	889.190	-0.642	1.83e-4
ZDHH19	ENSG00000163958.13	1.050	2.200	-0.642	2.46e-4
PRODH2	ENSG00000250799.9	55.280	86.795	-0.642	3.19e-9
ZFC3H1	ENSG00000133858.15	4.620	7.775	-0.643	3.55e-2
SSTR1	ENSG00000139874.5	1.120	2.310	-0.643	1.57e-2
AC024560.3	ENSG00000214135.8	3.550	6.110	-0.644	5.12e-3
LBP	ENSG00000129988.5	237.156	371.134	-0.644	6.46e-4
TEN1-CDK3	ENSG00000261408.5	1.060	2.220	-0.644	4.39e-4
FMO2	ENSG00000094963.13	0.260	0.970	-0.645	1.02e-14
ZDHH17	ENSG00000153786.12	5.950	9.865	-0.645	2.83e-3
ZG16	ENSG00000174992.7	1.530	2.955	-0.645	7.63e-5
MSRA	ENSG00000175806.14	15.760	25.200	-0.645	2.71e-19
CPB1	ENSG00000153002.11	0.080	0.690	-0.646	2.46e-24
CTB-31O20.4	ENSG00000267244.5	0.240	0.940	-0.646	5.57e-23
ZBTB16	ENSG00000109906.13	2.690	4.775	-0.646	6.29e-7
NAAA	ENSG00000138744.14	9.370	15.230	-0.646	2.63e-13
DAB1	ENSG00000173406.15	0.450	1.270	-0.647	1.21e-6
ANG	ENSG00000214274.9	468.075	733.853	-0.648	1.61e-5
C2-AS1	ENSG00000281756.1	0.260	0.975	-0.648	3.33e-21
WNT11	ENSG00000085741.12	1.020	2.165	-0.648	1.03e-5
LIG4	ENSG00000174405.13	2.230	4.060	-0.648	3.13e-12
RP11-388C12.8	ENSG00000262410.1	0.420	1.225	-0.648	1.20e-5
RP11-361L15.5	ENSG00000280334.1	0.040	0.630	-0.648	2.68e-27
NTN4	ENSG00000074527.11	3.420	5.930	-0.649	4.99e-8
MTMR4	ENSG00000108389.9	9.700	15.775	-0.649	4.41e-4
IGHV4-61	ENSG00000211970.3	0.180	0.850	-0.649	3.90e-2
SNHG18	ENSG00000250786.1	0.920	2.010	-0.649	3.71e-7
CCNT2	ENSG00000082258.12	3.900	6.690	-0.650	3.26e-7
RP11-311C24.1	ENSG00000260772.1	6.640	10.989	-0.650	3.77e-5
RP11-147I3.1	ENSG00000241170.2	0.720	1.700	-0.651	1.88e-4
RP11-449P15.2	ENSG00000273151.1	0.290	1.025	-0.651	9.85e-16
IKBKB	ENSG00000104365.13	8.460	13.865	-0.652	2.34e-2
NPPA-AS1	ENSG00000242349.5	0.400	1.200	-0.652	3.04e-8
HBG2	ENSG00000196565.12	0.100	0.730	-0.653	3.26e-14
CTD-2013N24.2	ENSG00000244513.6	0.350	1.125	-0.654	7.38e-20
RP4-669P10.16	ENSG00000232710.1	0.630	1.565	-0.654	2.98e-12
AC139100.4	ENSG00000278000.1	0.680	1.645	-0.655	4.50e-6
TACSTD2	ENSG00000184292.6	0.340	1.110	-0.655	3.15e-5
RP5-1159O4.1	ENSG00000272894.5	0.280	1.015	-0.655	1.24e-17
ADH6	ENSG00000172955.17	57.051	90.484	-0.656	6.80e-5
CNGA1	ENSG00000198515.13	3.350	5.855	-0.656	1.49e-3
FGFR1	ENSG00000077782.19	1.920	3.600	-0.656	2.73e-4
TJP2	ENSG00000119139.16	12.680	20.554	-0.656	8.29e-15
SARDH	ENSG00000123453.16	30.160	48.090	-0.656	7.75e-9
NR2C2	ENSG00000177463.15	2.750	4.915	-0.657	3.50e-3
NAV2-AS1	ENSG00000254894.1	0.440	1.270	-0.657	1.34e-7
LINC01146	ENSG00000258867.5	10.360	16.915	-0.657	1.31e-9
CAMTA2	ENSG00000108509.20	11.320	18.434	-0.658	1.20e-9
KDM6B	ENSG00000132510.10	3.100	5.470	-0.658	5.17e-15
TBRG1	ENSG00000154144.12	8.680	14.285	-0.659	2.66e-7

RP5-1160K1.6	ENSG00000228703.1	0.180	0.865	-0.660	1.39e-25
RP4-539M6.21	ENSG00000272689.1	0.310	1.070	-0.660	3.59e-14
GRAMD4	ENSG00000075240.16	11.590	18.910	-0.661	1.21e-6
ADORA3	ENSG00000121933.17	0.570	1.485	-0.662	7.00e-13
RP11-264M12.2	ENSG00000261707.1	0.330	1.105	-0.662	1.23e-13
USP35	ENSG00000118369.12	2.770	4.970	-0.663	9.01e-4
RP5-855D21.1	ENSG00000272240.1	0.260	0.995	-0.663	4.39e-17
PAQR6	ENSG00000160781.15	0.760	1.790	-0.664	2.55e-3
RP3-414A15.12	ENSG00000279026.1	0.710	1.710	-0.664	1.57e-22
CDC37L1	ENSG00000106993.11	7.820	13.000	-0.666	4.87e-19
FAM9B	ENSG00000177138.15	0.160	0.840	-0.666	1.04e-8
POU6F1	ENSG00000184271.15	1.310	2.665	-0.666	3.68e-10
CD302	ENSG00000241399.6	23.970	38.637	-0.667	1.80e-14
LRAT	ENSG00000121207.11	0.360	1.160	-0.667	5.56e-33
HAAO	ENSG00000162882.14	103.263	164.523	-0.667	1.74e-6
POFUT2	ENSG00000186866.16	6.100	10.270	-0.667	1.23e-3
STAT4	ENSG00000138378.17	1.180	2.465	-0.668	4.86e-8
SETD5	ENSG00000168137.15	9.340	15.430	-0.668	1.63e-4
RP11-426C22.7	ENSG00000273582.1	0.240	0.970	-0.668	2.13e-5
AR	ENSG00000169083.15	5.680	9.619	-0.669	9.45e-10
GRB14	ENSG00000115290.9	22.941	37.053	-0.669	3.53e-8
MTA1	ENSG00000182979.17	15.040	24.506	-0.669	3.59e-2
PCOLCE	ENSG00000106333.12	26.370	42.545	-0.670	1.46e-3
IRF8	ENSG00000140968.10	3.820	6.670	-0.670	1.46e-6
ALDH4A1	ENSG00000159423.16	98.687	157.673	-0.671	4.93e-14
STX1B	ENSG00000099365.9	0.850	1.945	-0.671	9.97e-13
ATG4B	ENSG00000168397.16	20.201	32.770	-0.672	1.76e-2
ZNF141	ENSG00000131127.13	1.310	2.680	-0.672	5.51e-6
PPFIBP1	ENSG00000110841.13	3.820	6.685	-0.673	3.67e-12
RP11-87H9.4	ENSG00000280077.1	0.950	2.110	-0.673	7.09e-5
ABCA1	ENSG00000165029.15	5.510	9.385	-0.674	3.59e-15
ALG1L13P	ENSG00000253981.5	0.100	0.755	-0.674	2.88e-11
APOC1P1	ENSG00000214855.9	75.232	120.642	-0.674	6.81e-4
ZNF662	ENSG00000182983.14	0.510	1.410	-0.674	1.79e-10
AC074289.1	ENSG00000225889.7	0.610	1.570	-0.675	9.51e-7
FES	ENSG00000182511.11	7.560	12.670	-0.675	2.09e-3
AC008592.8	ENSG00000272021.1	0.120	0.790	-0.676	3.85e-24
AP006621.9	ENSG00000269915.1	0.120	0.790	-0.676	2.58e-22
SIGIRR	ENSG00000185187.12	56.090	90.196	-0.676	3.79e-9
MT-ND6	ENSG00000198695.2	2.768.712	4.422.970	-0.676	2.87e-8
ARG1	ENSG00000118520.13	193.930	310.704	-0.677	3.98e-9
CDK10	ENSG00000185324.21	37.741	60.938	-0.677	2.12e-6
CTC1	ENSG00000178971.13	5.170	8.865	-0.677	1.48e-10
U2AF1L4	ENSG00000161265.14	10.310	17.084	-0.677	4.90e-3
KIAA1551	ENSG00000174718.11	14.150	23.230	-0.677	1.32e-7
RP11-324O2.3	ENSG00000232934.7	0.270	1.030	-0.677	2.26e-31
APCS	ENSG00000132703.3	769.724	1.231.925	-0.678	1.40e-9
ERICH6B	ENSG00000165837.11	0.200	0.920	-0.678	3.43e-25
AC069213.1	ENSG00000224769.1	0.530	1.450	-0.679	9.58e-5
CTD-2529O21.2	ENSG00000261978.1	0.430	1.290	-0.679	3.90e-11

IFRD1	ENSG00000006652.13	9.370	15.615	-0.680	4.95e-2
PARP6	ENSG00000137817.16	7.780	13.064	-0.680	1.34e-4
LINC00907	ENSG00000267586.6	0.030	0.650	-0.680	1.07e-37
RNF125	ENSG00000101695.8	1.130	2.415	-0.681	4.58e-15
USP15	ENSG00000135655.13	15.360	25.224	-0.681	1.98e-12
ZDHC11	ENSG00000188818.12	1.650	3.250	-0.681	2.31e-3
SLC22A25	ENSG00000196600.12	2.330	4.340	-0.681	3.70e-9
WHAMMP3	ENSG00000276141.4	0.650	1.645	-0.681	1.38e-20
SRSF4	ENSG00000116350.15	26.150	42.594	-0.683	1.60e-6
UVSSA	ENSG00000163945.15	1.140	2.435	-0.683	6.74e-7
RP11-38L15.8	ENSG00000272430.1	2.940	5.325	-0.683	4.78e-6
ZZEF1	ENSG00000074755.14	2.330	4.350	-0.684	4.86e-9
SREK1	ENSG00000153914.15	9.100	15.224	-0.684	5.34e-4
MMP23B	ENSG00000189409.12	1.120	2.405	-0.684	8.37e-4
FAM160A2	ENSG00000051009.10	14.520	23.955	-0.685	2.77e-5
PPP1R1C	ENSG00000150722.10	2.250	4.225	-0.685	6.46e-4
TTC21A	ENSG00000168026.16	0.720	1.765	-0.685	1.52e-10
PRR5	ENSG00000186654.20	9.110	15.270	-0.686	1.05e-13
RP11-290F24.6	ENSG00000267940.1	0.290	1.075	-0.686	4.04e-20
FOXP2	ENSG00000128573.22	0.180	0.900	-0.687	9.01e-14
IRF7	ENSG00000185507.19	19.680	32.310	-0.688	1.06e-5
NEURL4	ENSG00000215041.9	4.150	7.295	-0.688	3.94e-4
RP5-849H19.3	ENSG00000278967.1	2.630	4.850	-0.688	4.15e-10
SLC5A1	ENSG00000100170.9	0.030	0.660	-0.689	7.44e-14
RP11-372E1.4	ENSG00000243818.4	5.160	8.930	-0.689	8.93e-5
RN7SL130P	ENSG00000244256.3	0.200	0.935	-0.689	1.69e-21
AC004862.6	ENSG00000232667.9	2.450	4.565	-0.690	1.73e-3
DLG4	ENSG00000132535.18	1.870	3.630	-0.690	6.07e-8
PRKAG2	ENSG00000106617.13	8.270	13.955	-0.690	1.07e-14
USP32P1	ENSG00000188933.14	0.230	0.985	-0.690	1.56e-5
RP11-148K1.12	ENSG00000244151.1	0.670	1.695	-0.690	2.25e-5
DNAH1	ENSG00000114841.17	2.280	4.295	-0.691	1.27e-2
CA2	ENSG00000104267.9	27.490	45.025	-0.692	9.53e-11
LINC00894	ENSG00000235703.5	0.560	1.520	-0.692	1.47e-9
HRSP12	ENSG00000132541.10	230.032	372.590	-0.693	2.32e-8
SLC9B2	ENSG00000164038.14	8.160	13.810	-0.693	2.01e-17
ABCA5	ENSG00000154265.15	11.450	19.135	-0.694	2.59e-5
CCL2	ENSG00000108691.9	12.070	20.149	-0.694	1.15e-4
CFAP70	ENSG00000156042.17	0.610	1.604	-0.694	3.79e-15
CMYA5	ENSG00000164309.14	0.490	1.410	-0.694	1.09e-11
PRG4	ENSG00000116690.11	27.860	45.684	-0.694	9.62e-10
ZNF395	ENSG00000186918.13	5.980	10.290	-0.694	4.61e-9
HMOX1	ENSG00000100292.16	23.030	37.893	-0.695	4.91e-4
PIGL	ENSG00000108474.16	6.170	10.605	-0.695	7.36e-5
WDR19	ENSG00000157796.17	6.980	11.920	-0.695	3.96e-4
EHD3	ENSG00000013016.14	0.910	2.095	-0.696	2.83e-22
RP11-274B21.12	ENSG00000229413.2	3.480	6.260	-0.696	1.52e-5
ZSWIM8-AS1	ENSG00000272589.1	0.290	1.090	-0.696	7.41e-16
RP11-295D4.3	ENSG00000280063.1	0.210	0.960	-0.696	3.34e-23
PRSS22	ENSG00000005001.9	0.070	0.735	-0.697	1.26e-6

NXN	ENSG00000167693.16	2.260	4.285	-0.697	3.99e-3
GK-AS1	ENSG00000243055.1	0.150	0.865	-0.698	5.37e-25
CCDC3	ENSG00000151468.10	3.370	6.095	-0.699	4.66e-9
GLTPD2	ENSG00000182327.7	14.700	24.489	-0.699	2.49e-8
ZFP1	ENSG00000184517.11	2.020	3.905	-0.700	1.30e-16
RP11-173M11.2	ENSG00000250327.1	1.550	3.145	-0.701	1.69e-18
EPB41L4B	ENSG00000095203.14	10.410	17.580	-0.703	2.68e-15
RCN3	ENSG00000142552.7	9.000	15.275	-0.703	8.04e-6
TIMD4	ENSG00000145850.8	0.170	0.905	-0.703	6.00e-22
PAX8-AS1	ENSG00000189223.13	1.620	3.265	-0.703	4.63e-2
FAM157C	ENSG00000260528.3	0.450	1.360	-0.703	7.81e-8
CXCR2P1	ENSG00000229754.1	0.360	1.215	-0.704	3.38e-10
NCAM1	ENSG00000149294.16	0.120	0.825	-0.704	3.26e-9
PC	ENSG00000173599.13	99.940	163.454	-0.704	8.66e-14
AC093110.3	ENSG00000238018.2	0.340	1.185	-0.705	1.41e-16
GOLGA8A	ENSG00000175265.17	1.800	3.565	-0.705	1.57e-2
RP3-368A4.5	ENSG00000271430.1	0.770	1.885	-0.705	1.01e-8
RP11-115H13.1	ENSG00000273906.1	0.000	0.630	-0.705	2.31e-3
CAPRIN2	ENSG00000110888.17	3.440	6.249	-0.707	1.45e-4
DHRS1	ENSG00000157379.13	42.429	69.886	-0.707	7.54e-5
TRMT11	ENSG00000066651.17	5.780	10.070	-0.707	1.11e-13
WI2-1896O14.1	ENSG00000215861.5	0.660	1.710	-0.707	7.75e-5
MMP25	ENSG00000008516.16	0.340	1.190	-0.708	1.09e-17
ZNF385B	ENSG00000144331.18	2.120	4.095	-0.708	3.53e-8
AC113188.2	ENSG00000279535.1	0.370	1.240	-0.709	2.81e-4
SLC17A2	ENSG00000112337.10	10.490	17.780	-0.709	1.57e-8
GPR162	ENSG00000250510.7	1.270	2.710	-0.709	2.07e-6
RP3-402G11.28	ENSG00000273137.1	0.710	1.795	-0.709	6.50e-8
DNM1	ENSG00000106976.18	0.830	1.994	-0.710	1.05e-2
WFDC1	ENSG00000103175.10	0.700	1.780	-0.710	4.87e-11
PPP2R1B	ENSG00000137713.15	22.210	36.980	-0.710	3.04e-11
RP11-304L19.11	ENSG00000261663.1	0.360	1.225	-0.710	7.90e-18
LILRB1	ENSG00000104972.14	0.830	1.995	-0.711	4.36e-11
VSIG4	ENSG00000155659.14	3.120	5.745	-0.711	8.74e-5
TRPV1	ENSG00000196689.10	0.720	1.815	-0.711	3.41e-14
RP5-1142A6.9	ENSG00000260121.1	0.350	1.210	-0.711	2.06e-15
NBPF9	ENSG00000269713.7	5.920	10.329	-0.711	3.91e-4
SGCA	ENSG00000108823.15	0.700	1.785	-0.712	4.43e-9
KCNAB3	ENSG00000170049.9	0.160	0.900	-0.712	4.60e-29
GNE	ENSG00000159921.14	11.550	19.575	-0.713	1.34e-16
RP11-118B18.2	ENSG00000267250.1	0.110	0.820	-0.713	8.31e-14
RP1-286D6.5	ENSG00000272153.1	0.720	1.820	-0.713	1.73e-10
AVIL	ENSG00000135407.10	1.280	2.740	-0.714	3.16e-3
IGF2-AS	ENSG00000099869.7	0.030	0.690	-0.714	7.76e-3
TLR2	ENSG00000137462.6	0.810	1.970	-0.714	3.88e-8
ALDH6A1	ENSG00000119711.12	29.790	49.538	-0.715	1.86e-14
SYNE1	ENSG00000131018.22	4.530	8.075	-0.715	2.45e-17
PSAT1	ENSG00000135069.13	29.900	49.734	-0.715	1.31e-8
STAT3	ENSG00000168610.14	31.879	52.980	-0.715	7.75e-15
RAB33B	ENSG00000172007.5	2.330	4.465	-0.715	2.03e-19

GSPT2	ENSG00000189369.8	1.720	3.465	-0.715	5.03e-8
SEMA6A-AS1	ENSG00000248445.5	0.480	1.430	-0.715	2.66e-20
AP000442.1	ENSG00000255139.1	0.540	1.530	-0.716	3.10e-25
CKM	ENSG00000104879.4	0.020	0.675	-0.716	5.46e-30
MAPRE3	ENSG00000084764.10	9.170	15.710	-0.716	3.09e-10
RP11-122K13.12	ENSG00000235245.1	0.440	1.365	-0.716	8.31e-17
MYO15A	ENSG00000091536.16	0.250	1.055	-0.717	3.34e-26
SORBS1	ENSG00000095637.20	7.100	12.315	-0.717	1.25e-14
PAPD7	ENSG00000112941.12	4.490	8.025	-0.717	4.53e-6
GLUD1	ENSG00000148672.8	122.827	202.502	-0.717	1.11e-9
TMBIM4	ENSG00000282031.1	0.000	0.643	-0.717	7.39e-5
RET	ENSG00000165731.17	0.060	0.745	-0.719	2.02e-21
TAT-AS1	ENSG00000260886.1	0.440	1.370	-0.719	7.48e-16
RP11-388M20.2	ENSG00000261385.1	0.060	0.745	-0.719	5.14e-3
RAD52	ENSG00000002016.16	2.340	4.505	-0.721	2.17e-4
SULF2	ENSG00000196562.14	11.510	19.624	-0.721	1.61e-3
CTD-2373N4.3	ENSG00000279041.1	0.240	1.045	-0.722	4.69e-29
SHBG	ENSG00000129214.14	9.210	15.845	-0.722	6.29e-6
NSUN6	ENSG00000241058.3	9.130	15.705	-0.722	1.33e-17
HNF4A-AS1	ENSG00000229005.2	4.410	7.929	-0.723	1.44e-6
GCHFR	ENSG00000137880.5	68.521	113.838	-0.724	7.32e-11
MAN2C1	ENSG00000140400.14	41.619	69.437	-0.725	2.35e-2
LINC01355	ENSG00000261326.2	0.310	1.165	-0.725	4.39e-18
GSTM5	ENSG00000134201.10	0.230	1.035	-0.726	2.15e-19
PRPS1P2	ENSG00000232630.1	0.230	1.035	-0.726	1.09e-26
ARVCF	ENSG00000099889.13	4.900	8.765	-0.727	1.15e-9
PTPN3	ENSG00000070159.13	10.870	18.641	-0.727	9.52e-20
FAM149A	ENSG00000109794.13	8.990	15.535	-0.727	8.14e-12
PHLDB2	ENSG00000144824.19	6.750	11.830	-0.727	8.48e-17
TCTEX1D1	ENSG00000152760.9	0.220	1.020	-0.727	8.47e-24
RP11-981G7.6	ENSG00000272505.1	0.130	0.870	-0.727	2.92e-28
AC114730.11	ENSG00000235351.1	0.180	0.955	-0.728	9.70e-23
ADORA2BP1	ENSG00000236136.1	0.630	1.700	-0.728	6.71e-5
DDTL	ENSG00000099974.7	5.620	9.965	-0.728	1.02e-11
FHL1	ENSG00000022267.16	5.870	10.383	-0.728	1.92e-11
SEMA4B	ENSG00000185033.14	9.520	16.429	-0.728	1.49e-9
NAT1	ENSG00000171428.13	2.890	5.450	-0.729	4.54e-13
MT-CO1	ENSG00000198804.2	15.436.948	25.595.453	-0.729	6.82e-15
MT-CO3	ENSG00000198938.2	14.446.175	23.948.538	-0.729	8.89e-16
SEC14L2	ENSG00000100003.17	42.440	71.120	-0.731	4.66e-5
GNA14	ENSG00000156049.6	0.550	1.575	-0.732	2.56e-30
RP11-627G23.1	ENSG00000255545.7	0.680	1.790	-0.732	5.76e-9
RP11-197N18.2	ENSG00000256028.2	0.240	1.060	-0.732	2.38e-22
RP11-273B20.1	ENSG00000256967.1	2.630	5.030	-0.732	7.27e-18
SEP4	ENSG00000108387.14	11.960	20.554	-0.734	5.45e-3
RP4-669P10.19	ENSG00000227370.1	0.470	1.445	-0.734	9.42e-12
AP000347.4	ENSG00000234353.2	1.120	2.530	-0.735	2.81e-2
CD4	ENSG0000010610.9	11.520	19.841	-0.735	2.59e-11
RBP1	ENSG00000114115.9	33.590	56.580	-0.735	4.02e-4
PRR22	ENSG00000212123.3	1.230	2.715	-0.736	1.44e-10

MRGPRF	ENSG00000172935.8	0.950	2.255	-0.739	1.36e-2
ALLC	ENSG00000151360.9	0.030	0.720	-0.740	4.25e-38
RP11-677O4.6	ENSG00000267143.1	0.000	0.670	-0.740	2.76e-22
AP000254.8	ENSG00000273271.1	2.570	4.965	-0.741	4.99e-12
LINC00115	ENSG00000225880.5	0.550	1.590	-0.741	1.15e-15
HMG1P18	ENSG00000234927.1	0.020	0.705	-0.741	5.67e-18
TBX3	ENSG00000135111.14	6.390	11.364	-0.743	1.85e-3
GEM	ENSG00000164949.7	2.020	4.055	-0.743	9.99e-7
RP11-1182P23.5	ENSG00000279372.1	0.410	1.360	-0.743	2.86e-13
LINC00926	ENSG00000247982.6	0.320	1.210	-0.744	4.64e-14
RP11-182J1.12	ENSG00000259244.1	0.400	1.345	-0.744	1.31e-11
EDEM1	ENSG00000134109.10	10.580	18.409	-0.745	2.51e-19
TTN-AS1	ENSG00000237298.8	1.330	2.905	-0.745	1.67e-7
CPA1	ENSG00000091704.9	0.010	0.694	-0.746	6.48e-25
DNAJC25	ENSG00000059769.19	7.240	12.820	-0.746	3.02e-21
PLG	ENSG00000122194.18	751.275	1.260.691	-0.746	6.03e-9
SLCO2B1	ENSG00000137491.14	51.058	86.419	-0.748	5.34e-11
TRPV6	ENSG00000165125.17	0.030	0.730	-0.748	2.54e-9
UGT1A1	ENSG00000241635.7	77.929	131.588	-0.748	4.24e-8
CEP164	ENSG00000110274.14	3.110	5.910	-0.749	3.37e-3
CRISPLD2	ENSG00000103196.11	1.800	3.705	-0.749	7.24e-5
LINC00987	ENSG00000237248.4	0.520	1.555	-0.749	1.08e-8
PKD1P1	ENSG00000244257.5	0.290	1.170	-0.750	7.76e-9
PTPRD	ENSG00000153707.15	0.610	1.710	-0.751	3.21e-10
PAIP2B	ENSG00000124374.8	2.100	4.220	-0.752	4.10e-14
VWCE	ENSG00000167992.12	4.360	8.030	-0.752	3.19e-4
FGA	ENSG00000171560.14	3.868.610	6.521.101	-0.753	5.35e-8
JUN	ENSG00000177606.6	31.029	52.969	-0.753	7.29e-6
GS1-293C5.1	ENSG00000273138.1	0.270	1.140	-0.753	1.12e-19
PFKFB1	ENSG00000158571.10	6.870	12.275	-0.754	1.24e-10
MAN2A2	ENSG00000196547.14	14.320	24.845	-0.754	3.13e-4
P3H2	ENSG00000090530.9	0.680	1.835	-0.755	5.33e-12
LINC01272	ENSG00000224397.5	0.810	2.055	-0.755	1.48e-8
AC007566.10	ENSG00000244055.1	0.540	1.600	-0.756	8.23e-16
LTK	ENSG00000062524.15	0.210	1.045	-0.757	6.27e-25
LDHD	ENSG00000166816.13	34.709	59.340	-0.757	1.97e-13
LILRA5	ENSG00000187116.13	0.530	1.585	-0.757	2.86e-15
MTND1P23	ENSG00000225972.1	9.130	16.120	-0.757	9.21e-4
CTD-2517M22.14	ENSG00000255182.2	0.860	2.145	-0.758	1.21e-5
EPS8L2	ENSG00000177106.14	47.061	80.328	-0.759	5.63e-3
FAM13A-AS1	ENSG00000248019.2	0.250	1.115	-0.759	1.20e-26
EME2	ENSG00000197774.12	1.670	3.520	-0.760	1.71e-2
LARP1B	ENSG00000138709.17	8.250	14.660	-0.760	3.88e-22
AC083843.4	ENSG00000279518.1	0.310	1.220	-0.761	1.09e-13
CCDC17	ENSG00000159588.14	0.360	1.305	-0.761	5.56e-20
KLRK1	ENSG00000213809.8	0.750	1.965	-0.761	3.15e-8
RP11-729I10.3	ENSG00000275567.1	0.000	0.695	-0.761	2.43e-12
BCKDHB	ENSG00000083123.14	11.420	20.056	-0.762	3.33e-17
CH507-152C13.3	ENSG00000276076.4	5.330	9.735	-0.762	2.82e-2
FAM95B1	ENSG00000223839.7	0.220	1.070	-0.763	6.20e-24

PNPLA3	ENSG00000100344.10	4.570	8.465	-0.765	4.93e-11
SHPK	ENSG00000197417.7	4.110	7.685	-0.765	2.84e-25
IGLV7-46	ENSG00000211649.3	0.240	1.110	-0.767	1.53e-3
LA16c-358B7.3	ENSG00000261505.1	0.290	1.195	-0.767	5.32e-22
CTD-3128G10.7	ENSG00000276980.1	44.191	75.974	-0.768	1.63e-3
RP11-1260E13.2	ENSG00000262294.1	0.800	2.064	-0.768	3.48e-18
AOC1	ENSG00000002726.19	0.150	0.960	-0.769	1.34e-6
AP000892.6	ENSG00000280143.1	0.980	2.375	-0.769	8.60e-14
CROCCP2	ENSG00000215908.7	0.930	2.290	-0.769	1.71e-22
CTD-3092A11.1	ENSG00000215302.8	0.560	1.660	-0.770	6.34e-23
TG	ENSG00000042832.11	0.270	1.165	-0.770	1.22e-7
ZGLP1	ENSG00000220201.7	1.390	3.075	-0.770	7.90e-5
CREBZF	ENSG00000137504.13	7.320	13.195	-0.771	4.44e-6
ELFN1	ENSG00000225968.7	1.890	3.930	-0.771	3.44e-5
MYH3	ENSG00000109063.14	0.450	1.475	-0.771	6.16e-4
NPIPA5	ENSG00000183793.13	3.050	5.910	-0.771	1.11e-3
RP11-927P21.5	ENSG00000263647.1	0.500	1.560	-0.771	3.14e-9
TNK2	ENSG00000061938.16	8.920	15.940	-0.772	4.44e-4
RGS11	ENSG00000076344.15	0.130	0.930	-0.772	7.93e-21
KCNE1	ENSG00000180509.11	0.060	0.810	-0.772	2.20e-42
C8B	ENSG00000021852.12	138.044	236.598	-0.773	1.89e-10
RGPD6	ENSG00000183054.11	2.690	5.310	-0.774	2.62e-12
KRT14	ENSG00000186847.5	0.000	0.710	-0.774	1.35e-5
SS18L1	ENSG00000184402.14	6.280	11.455	-0.775	6.44e-8
DMTF1	ENSG00000135164.18	7.440	13.450	-0.776	5.38e-3
RASGRP2	ENSG00000068831.18	2.410	4.840	-0.776	7.36e-4
RP11-72I8.1	ENSG00000260735.1	0.200	1.055	-0.776	5.90e-26
GPR182	ENSG00000166856.2	0.100	0.885	-0.777	3.49e-46
TRO	ENSG00000067445.20	1.660	3.560	-0.778	2.31e-12
MALAT1	ENSG00000279576.1	0.000	0.715	-0.778	6.11e-8
ANXA3	ENSG00000138772.12	0.550	1.660	-0.779	4.96e-6
TNFRSF10B	ENSG00000120889.12	12.960	22.960	-0.779	4.60e-11
SPRY2	ENSG00000136158.10	4.920	9.165	-0.780	2.77e-23
RP4-539M6.20	ENSG00000273350.1	0.590	1.730	-0.780	3.80e-14
HSPB6	ENSG00000004776.11	6.210	11.385	-0.781	2.75e-6
ARMCX3	ENSG00000102401.19	4.780	8.940	-0.782	2.86e-5
CLPS	ENSG00000137392.9	0.000	0.720	-0.782	4.41e-24
LINC01128	ENSG00000228794.8	3.800	7.255	-0.782	4.66e-15
BHLHE40	ENSG00000134107.4	34.530	60.124	-0.783	3.82e-10
RBM25	ENSG00000119707.13	10.280	18.405	-0.783	1.39e-5
TNFRSF11B	ENSG00000164761.8	1.670	3.595	-0.783	1.18e-5
ACTA1	ENSG00000143632.14	0.060	0.825	-0.784	7.77e-27
ADAM8	ENSG00000151651.15	1.550	3.390	-0.784	1.38e-6
PEG3	ENSG00000198300.12	0.220	1.100	-0.784	2.98e-2
CTC-297N7.9	ENSG00000264016.2	1.310	2.985	-0.787	9.52e-22
GRHL1	ENSG00000134317.17	1.530	3.365	-0.787	1.35e-12
APBB1IP	ENSG00000077420.15	6.790	12.455	-0.788	3.43e-9
RP11-325K4.2	ENSG00000261114.1	0.430	1.470	-0.788	1.33e-20
ZGPAT	ENSG00000197114.11	24.841	43.691	-0.790	7.80e-8
U91319.1	ENSG00000262801.5	0.420	1.455	-0.790	1.03e-5

RP11-540B6.6	ENSG00000270015.1	1.530	3.375	-0.790	1.10e-9
ESRP2	ENSG00000103067.11	16.440	29.185	-0.791	2.42e-13
GPR146	ENSG00000164849.8	4.480	8.480	-0.791	2.95e-16
CTD-2600O9.2	ENSG00000276166.1	0.360	1.355	-0.792	3.69e-20
ITGA9	ENSG00000144668.11	1.010	2.480	-0.792	4.70e-19
GRM8	ENSG00000179603.17	0.100	0.905	-0.792	1.66e-11
SREBF1	ENSG00000072310.16	54.681	95.504	-0.793	5.16e-8
RAB25	ENSG00000132698.13	0.120	0.940	-0.793	1.00e-2
LINC01558	ENSG00000146521.9	2.080	4.335	-0.793	2.52e-13
DCUN1D3	ENSG00000188215.9	1.650	3.595	-0.794	9.86e-35
DNMT3L	ENSG00000142182.8	0.390	1.410	-0.794	2.80e-2
PPARGC1A	ENSG00000109819.8	5.060	9.510	-0.794	2.78e-7
HNRNPH1	ENSG00000169045.17	99.787	173.909	-0.795	1.80e-2
LLNLF-173C4.2	ENSG00000282416.1	1.210	2.835	-0.795	1.89e-4
SELE	ENSG00000007908.15	0.270	1.205	-0.796	4.51e-21
EXPH5	ENSG00000110723.11	0.230	1.135	-0.796	6.14e-17
SLC45A3	ENSG00000158715.5	3.210	6.315	-0.797	6.56e-15
ADHFE1	ENSG00000147576.15	18.790	33.412	-0.798	5.94e-18
CUX2	ENSG00000111249.13	3.160	6.240	-0.799	7.61e-7
HSD17B3	ENSG00000130948.9	1.560	3.455	-0.799	4.00e-3
MYL3	ENSG00000160808.9	0.190	1.070	-0.799	2.33e-16
RP11-513G11.3	ENSG00000238097.1	0.500	1.610	-0.799	7.18e-15
IGHV3-7	ENSG00000211938.2	0.200	1.090	-0.800	8.10e-5
DPF3	ENSG00000205683.11	0.280	1.230	-0.801	2.65e-34
WISP2	ENSG00000064205.10	0.280	1.230	-0.801	3.82e-10
SLC38A4	ENSG00000139209.15	54.848	96.308	-0.801	5.67e-9
IGKV1-6	ENSG00000239855.1	0.260	1.195	-0.801	1.12e-2
ARNTL	ENSG00000133794.17	4.660	8.865	-0.802	1.62e-6
RCL1	ENSG00000120158.11	26.040	46.141	-0.802	1.96e-12
INPP5B	ENSG00000204084.12	2.850	5.714	-0.802	2.79e-23
POU6F2-AS1	ENSG00000224122.1	0.110	0.935	-0.802	1.31e-5
LINC01125	ENSG00000228486.9	1.580	3.500	-0.803	2.76e-8
AZGP1P2	ENSG00000214252.4	0.260	1.200	-0.804	6.81e-21
FAM83F	ENSG00000133477.16	0.030	0.800	-0.805	1.95e-19
STX16-NPEPL1	ENSG00000254995.4	0.600	1.795	-0.805	1.15e-11
SHMT1	ENSG00000176974.17	88.818	156.080	-0.806	1.80e-12
TDRP	ENSG00000180190.11	2.660	5.400	-0.806	4.59e-11
IGLV8-61	ENSG00000211638.2	0.240	1.170	-0.807	8.00e-4
KDM5D	ENSG0000012817.15	2.190	4.585	-0.808	4.82e-9
RTKL1-TNFRSF6B	ENSG0000026036.20	0.790	2.135	-0.809	1.27e-9
SLC23A2	ENSG00000089057.14	8.110	14.960	-0.809	8.75e-8
ZNF767P	ENSG00000133624.13	1.660	3.665	-0.810	2.95e-5
MT-RNR2	ENSG00000210082.2	4.643.831	8.144.440	-0.810	7.62e-10
CREB3L3	ENSG00000060566.13	91.912	162.044	-0.811	3.97e-9
SOCS2	ENSG00000120833.13	5.830	10.980	-0.811	4.75e-6
RP11-390P2.4	ENSG00000225177.5	2.090	4.425	-0.812	1.30e-8
RP4-635E18.8	ENSG00000271895.2	2.300	4.795	-0.812	1.24e-6
CNKSRI	ENSG00000142675.17	0.150	1.020	-0.813	3.89e-4
KCNK17	ENSG00000124780.13	0.150	1.020	-0.813	7.89e-23
ITIH4	ENSG00000055955.15	824.399	1.451.319	-0.815	5.43e-12

CEL	ENSG00000170835.13	0.250	1.200	-0.816	3.17e-6
LUC7L	ENSG00000007392.16	14.780	26.775	-0.816	8.79e-4
STAB1	ENSG00000010327.10	22.330	40.065	-0.816	6.94e-11
ZNF334	ENSG00000198185.11	0.230	1.165	-0.816	2.72e-16
HERC2P3	ENSG00000180229.12	2.080	4.425	-0.817	1.03e-3
TMEM220-AS1	ENSG00000263400.6	4.390	8.495	-0.817	4.50e-18
ADH1C	ENSG00000248144.5	180.405	318.731	-0.818	1.32e-5
GLDC	ENSG00000178445.8	19.610	35.346	-0.818	4.71e-9
IFITM1	ENSG00000185885.15	39.719	70.781	-0.818	1.49e-4
CCRN4L	ENSG00000151014.5	1.670	3.710	-0.819	2.48e-10
ANGPTL1	ENSG00000116194.12	0.790	2.160	-0.820	4.62e-6
CLCN6	ENSG00000011021.21	2.220	4.685	-0.820	7.43e-10
CTRB2	ENSG00000168928.12	0.000	0.765	-0.820	4.73e-25
TMX3	ENSG00000166479.9	4.550	8.800	-0.820	3.91e-8
AGPAT2	ENSG00000169692.12	76.240	135.523	-0.822	4.40e-15
TBXA2R	ENSG00000006638.11	1.000	2.535	-0.822	2.98e-32
TNRC6A	ENSG00000090905.17	5.230	10.020	-0.823	4.83e-10
RP11-1212A22.1	ENSG00000205746.9	2.710	5.565	-0.823	1.69e-6
WSB1	ENSG00000109046.14	10.180	18.790	-0.824	8.43e-7
PROM1	ENSG00000007062.11	0.070	0.895	-0.825	2.32e-3
SLC25A25	ENSG00000148339.12	22.760	41.123	-0.826	2.49e-7
PARP3	ENSG00000041880.14	8.540	15.924	-0.827	5.60e-7
FAM76B	ENSG00000077458.12	4.060	7.974	-0.827	3.15e-10
ID2	ENSG00000115738.9	106.351	189.439	-0.827	4.82e-16
CLK4	ENSG00000113240.12	4.600	8.945	-0.829	3.89e-11
IGHV3-11	ENSG00000211941.3	0.320	1.345	-0.829	4.40e-2
RP11-449J21.3	ENSG00000279382.1	0.500	1.665	-0.829	3.09e-10
NFIL3	ENSG00000165030.3	19.340	35.154	-0.830	6.62e-12
ITLN1	ENSG00000179914.4	0.100	0.955	-0.830	1.53e-23
TFPI2	ENSG00000105825.11	0.580	1.810	-0.831	7.27e-10
ZMAT1	ENSG00000166432.14	1.440	3.340	-0.831	1.16e-10
TRIM3	ENSG00000110171.18	4.190	8.240	-0.832	2.50e-4
MYO1F	ENSG00000142347.16	2.510	5.250	-0.832	8.06e-13
KRT1	ENSG00000167768.4	0.000	0.780	-0.832	1.79e-30
C1RL	ENSG00000139178.10	42.890	77.168	-0.833	1.27e-25
CP	ENSG00000047457.13	364.733	651.151	-0.834	4.38e-9
RANBP3L	ENSG00000164188.8	0.130	1.015	-0.834	5.76e-24
KB-68A7.1	ENSG00000274225.1	1.860	4.100	-0.834	5.60e-18
ZDHH8	ENSG00000099904.15	7.570	14.284	-0.835	4.65e-7
MIR210HG	ENSG00000247095.2	1.910	4.190	-0.835	7.94e-3
IL1RN	ENSG00000136689.18	25.720	46.696	-0.836	5.31e-13
ADGRG6	ENSG00000112414.14	6.660	12.680	-0.837	3.01e-15
EP400NL	ENSG00000185684.12	3.200	6.505	-0.838	4.23e-11
ALDOB	ENSG00000136872.17	1.230.986	2.202.688	-0.839	1.23e-7
MAGOH2P	ENSG00000264176.1	0.450	1.594	-0.839	2.41e-21
RNF207	ENSG00000158286.12	3.310	6.715	-0.840	2.76e-3
NUGGC	ENSG00000189233.11	1.850	4.100	-0.840	2.79e-10
RP11-158M2.3	ENSG00000259407.1	0.190	1.130	-0.840	3.70e-34
RP11-793H13.10	ENSG00000267281.2	0.790	2.205	-0.840	1.65e-11
PKD1	ENSG00000008710.17	9.680	18.130	-0.841	6.54e-3

PHGDH	ENSG00000092621.11	28.230	51.385	-0.842	1.05e-9
RP11-456H18.2	ENSG00000229896.2	0.710	2.065	-0.842	2.00e-14
AGTR1	ENSG00000144891.17	14.210	26.290	-0.843	3.90e-18
CFAP44	ENSG00000206530.8	1.040	2.660	-0.843	9.34e-7
FCGR3B	ENSG00000162747.9	0.430	1.565	-0.843	1.14e-8
IGLV4-69	ENSG00000211637.2	0.330	1.385	-0.843	1.17e-2
CTC-529I10.2	ENSG00000227782.2	0.370	1.460	-0.844	2.88e-29
SLC17A3	ENSG00000124564.17	4.700	9.239	-0.845	1.21e-7
ACADSB	ENSG00000196177.12	32.590	59.375	-0.846	4.50e-15
TRIM25	ENSG00000121060.14	6.530	12.534	-0.846	7.18e-3
SLITRK3	ENSG00000121871.3	0.010	0.815	-0.846	6.49e-25
ADSSL1	ENSG00000185100.10	9.860	18.535	-0.847	7.78e-9
TSPYL2	ENSG00000184205.14	5.940	11.490	-0.848	3.29e-6
RP13-104F24.2	ENSG00000215769.8	1.020	2.640	-0.850	3.59e-7
AMD1P4	ENSG00000215124.2	0.070	0.930	-0.851	2.17e-39
MICU3	ENSG00000155970.11	0.940	2.500	-0.851	3.72e-24
PFKFB3	ENSG00000170525.18	3.470	7.065	-0.851	3.70e-6
RP11-286H15.1	ENSG00000272789.1	0.150	1.075	-0.851	2.29e-30
PAXBP1	ENSG00000159086.14	4.150	8.295	-0.852	9.46e-8
ZNF276	ENSG00000158805.11	5.970	11.596	-0.854	2.27e-6
ABCG5	ENSG00000138075.11	13.720	25.630	-0.855	2.89e-14
AC004019.13	ENSG00000236754.5	0.150	1.080	-0.855	1.47e-26
HHIP-AS1	ENSG00000248890.1	0.070	0.935	-0.855	2.07e-35
MYL2	ENSG00000111245.14	0.000	0.810	-0.856	1.46e-36
RP11-157P1.4	ENSG00000226332.2	0.660	2.005	-0.856	4.44e-11
CSNK2B-LY6G5B-1181	ENSG00000263020.5	0.940	2.515	-0.857	2.53e-5
LLNLR-259H9.1	ENSG00000280282.1	0.670	2.024	-0.857	3.65e-16
CTD-2270P14.1	ENSG00000260565.6	1.430	3.405	-0.858	1.62e-7
NIIPA5	ENSG00000183889.12	26.969	49.772	-0.860	4.44e-2
CES5A	ENSG00000159398.15	0.520	1.760	-0.861	7.37e-12
FGG	ENSG00000171557.16	2.961.268	5.377.611	-0.861	4.24e-9
TMEM198B	ENSG00000182796.12	6.270	12.205	-0.861	1.11e-7
RP11-384K6.6	ENSG00000260404.2	0.660	2.015	-0.861	9.64e-21
CBS	ENSG00000160200.17	55.799	102.323	-0.863	7.90e-10
KRT4	ENSG00000170477.12	0.000	0.820	-0.864	1.92e-27
RELN	ENSG00000189056.13	3.120	6.515	-0.867	8.31e-4
CHKB-CPT1B	ENSG00000254413.8	1.380	3.345	-0.868	5.04e-8
CRYGS	ENSG00000213139.7	1.170	2.960	-0.868	1.27e-2
RP11-153K11.3	ENSG00000233590.1	0.230	1.245	-0.868	7.13e-30
AC010976.2	ENSG00000231731.7	0.380	1.520	-0.869	7.58e-23
SEMA3F-AS1	ENSG00000235016.1	0.300	1.375	-0.869	4.07e-27
CLUHP3	ENSG00000131797.12	2.380	5.180	-0.871	2.56e-5
MPDZ	ENSG00000107186.16	9.810	18.765	-0.871	1.75e-9
ABAT	ENSG00000183044.11	47.169	87.174	-0.872	5.58e-17
ABC11	ENSG00000073734.8	3.030	6.375	-0.872	7.56e-8
AOX1	ENSG00000138356.13	124.249	228.254	-0.872	8.84e-11
SFRP1	ENSG00000104332.11	0.090	0.995	-0.872	6.08e-27
RP11-439C15.4	ENSG00000253764.1	0.000	0.830	-0.872	9.28e-45
AGL	ENSG00000162688.15	3.740	7.680	-0.873	9.68e-20

MON2	ENSG00000061987.14	6.470	12.680	-0.873	9.55e-12
FAHD2A	ENSG00000115042.9	29.140	54.206	-0.873	1.79e-25
SRSF6	ENSG00000124193.14	30.399	56.490	-0.873	5.85e-10
SLC23A3	ENSG00000213901.10	0.490	1.730	-0.874	1.06e-9
ZSWIM8	ENSG00000214655.10	41.610	77.101	-0.874	1.30e-5
CLK1	ENSG00000013441.15	31.371	58.379	-0.875	6.94e-10
CROCC	ENSG00000058453.16	4.450	8.995	-0.875	1.42e-3
INHBE	ENSG00000139269.2	21.910	41.025	-0.875	1.03e-5
ANKRD24	ENSG00000089847.12	1.090	2.835	-0.876	5.73e-22
KIAA1456	ENSG00000250305.8	0.150	1.110	-0.876	5.23e-19
ACAA2	ENSG00000167315.17	158.880	292.724	-0.877	6.28e-18
UGT1A8	ENSG00000242366.3	0.930	2.545	-0.877	4.52e-4
DSE	ENSG00000111817.16	1.030	2.730	-0.878	8.49e-21
RP11-403A3.3	ENSG00000275830.1	0.050	0.930	-0.878	3.29e-7
ARMC6	ENSG00000105676.13	20.410	38.381	-0.879	3.59e-6
GABARAPL1	ENSG00000139112.10	37.720	70.192	-0.879	6.24e-16
NDEL1	ENSG00000166579.15	9.290	17.930	-0.879	2.87e-24
BZRAP1	ENSG00000005379.15	1.990	4.505	-0.880	4.22e-8
PITPNM2	ENSG00000090975.12	3.710	7.670	-0.880	3.39e-8
AC093838.4	ENSG00000152117.17	2.810	6.020	-0.882	1.16e-5
PYROXD2	ENSG00000119943.10	2.310	5.100	-0.882	2.25e-9
RP11-96D1.6	ENSG00000261469.1	0.660	2.060	-0.882	1.37e-16
KCNMA1	ENSG00000156113.20	1.990	4.515	-0.883	3.54e-15
RP11-206L10.1	ENSG00000224956.5	2.910	6.210	-0.883	1.34e-6
CTC-537E7.3	ENSG00000248884.1	0.140	1.105	-0.885	5.86e-24
ZNF700	ENSG00000196757.7	3.030	6.445	-0.885	1.24e-7
CYP4F3	ENSG00000186529.14	38.159	71.382	-0.886	3.13e-14
PHKA2	ENSG00000044446.11	21.730	41.026	-0.887	5.87e-9
RUSC1-AS1	ENSG00000225855.6	2.430	5.345	-0.887	1.51e-3
LINC00893	ENSG00000241769.7	1.230	3.125	-0.887	6.44e-6
NP1PB11	ENSG00000254206.5	0.290	1.385	-0.887	8.31e-22
RP11-66N24.4	ENSG00000157306.14	0.960	2.630	-0.889	6.32e-8
UGT1A4	ENSG00000244474.5	56.071	104.705	-0.889	3.22e-9
NBPF15	ENSG00000266338.6	5.870	11.725	-0.889	2.69e-7
RGPD2	ENSG00000185304.13	0.600	1.965	-0.890	6.76e-19
TUBBP10	ENSG00000226147.1	0.190	1.205	-0.890	1.81e-30
IL18R1	ENSG00000115604.10	0.920	2.560	-0.891	7.81e-27
IGLV3-10	ENSG00000211669.2	0.340	1.485	-0.891	3.94e-2
STAT2	ENSG00000170581.13	31.310	58.975	-0.892	4.14e-8
RP5-855D21.3	ENSG00000272812.1	0.350	1.505	-0.892	5.53e-25
CTD-2240J17.2	ENSG00000278029.1	0.260	1.340	-0.893	2.36e-25
UNC5CL	ENSG00000124602.9	6.570	13.070	-0.894	1.27e-8
RP11-426C22.8	ENSG00000277999.1	0.300	1.415	-0.894	6.94e-16
SLCO4C1	ENSG00000173930.8	0.110	1.065	-0.896	5.58e-9
NADK	ENSG00000008130.15	32.631	61.605	-0.897	7.59e-20
HS3ST3B1	ENSG00000125430.8	4.240	8.760	-0.897	5.98e-17
NR4A2	ENSG00000153234.13	1.070	2.855	-0.897	7.83e-11
AC005104.3	ENSG00000223374.1	0.210	1.255	-0.898	6.60e-27
BDH2	ENSG00000164039.14	21.960	41.789	-0.898	4.31e-18
HPS5	ENSG00000110756.17	5.790	11.649	-0.898	2.02e-17

ASS1	ENSG00000130707.17	432.482	808.581	-0.901	2.84e-11
SAP25	ENSG00000205307.10	0.320	1.465	-0.901	3.36e-6
ZDHH11B	ENSG00000206077.10	1.060	2.846	-0.901	5.59e-7
SLC22A10	ENSG00000184999.11	5.320	10.810	-0.902	4.34e-9
SCNN1A	ENSG00000111319.12	1.410	3.505	-0.903	5.48e-7
RBM5	ENSG00000003756.16	22.130	42.285	-0.904	2.54e-4
RP4-669L17.8	ENSG00000250575.1	1.100	2.930	-0.904	5.75e-5
PTGIR	ENSG00000160013.8	0.960	2.670	-0.905	6.67e-22
JMJD7-PLA2G4B	ENSG00000168970.20	0.930	2.615	-0.905	4.45e-13
SIGLEC7	ENSG00000168995.13	0.770	2.315	-0.905	2.22e-27
ASPA	ENSG00000108381.10	0.470	1.755	-0.906	6.94e-23
SLC22A7	ENSG00000137204.14	75.290	141.925	-0.906	4.02e-8
PRAM1	ENSG00000133246.11	0.370	1.570	-0.908	5.99e-40
LMNTD2	ENSG00000185522.8	3.420	7.293	-0.908	1.97e-10
AMY2B	ENSG00000240038.6	5.470	11.175	-0.912	1.70e-4
NXF3	ENSG00000147206.16	0.060	0.995	-0.912	7.98e-71
MUC20	ENSG00000176945.16	3.550	7.560	-0.912	5.86e-3
RP11-644F5.10	ENSG00000258311.5	1.010	2.785	-0.913	5.34e-23
CDRT4	ENSG00000239704.10	0.520	1.864	-0.914	1.10e-13
ABCC3	ENSG00000108846.15	39.719	75.795	-0.915	2.84e-5
RP11-108O10.2	ENSG00000254990.5	0.400	1.640	-0.915	3.67e-34
CFHR4	ENSG00000134365.12	12.630	24.725	-0.916	2.69e-7
NUMBL	ENSG00000105245.9	1.930	4.530	-0.916	2.24e-6
ARHGEF26	ENSG00000114790.12	4.670	9.705	-0.917	1.06e-15
RP11-504P24.8	ENSG00000272645.2	3.140	6.822	-0.918	1.53e-6
ARHGEF10L	ENSG00000074964.16	27.140	52.196	-0.919	7.13e-11
ST3GAL6	ENSG00000064225.12	9.370	18.610	-0.919	5.19e-23
LILRB3	ENSG00000204577.11	1.200	3.160	-0.919	5.64e-16
TBC1D2B	ENSG00000167202.11	8.120	16.270	-0.921	2.02e-12
RP11-33B1.4	ENSG00000260091.1	0.450	1.745	-0.921	5.20e-24
ETS2	ENSG00000157557.11	37.980	72.866	-0.922	1.57e-13
RP11-44M6.7	ENSG00000274272.1	1.670	4.060	-0.922	3.19e-11
SLC38A2	ENSG00000134294.13	35.299	67.864	-0.924	6.16e-16
IGKV2-30	ENSG00000243238.1	0.250	1.375	-0.926	1.61e-6
CYP4F12	ENSG00000186204.14	15.690	30.739	-0.927	5.20e-12
VNN3	ENSG00000093134.13	6.320	12.930	-0.928	7.67e-9
PI4KAP1	ENSG00000274602.4	2.530	5.714	-0.928	2.98e-5
RANBP10	ENSG00000141084.10	5.370	11.130	-0.929	1.59e-10
CYP4F2	ENSG00000186115.12	37.229	71.833	-0.930	6.15e-16
RN7SL608P	ENSG00000239884.3	0.260	1.400	-0.930	3.69e-22
AC010761.9	ENSG00000265474.1	0.230	1.345	-0.931	2.62e-24
AC093495.4	ENSG00000228242.6	1.370	3.525	-0.933	5.18e-5
PLEK2	ENSG00000100558.8	3.900	8.355	-0.933	6.69e-5
RP11-192H23.4	ENSG00000258472.8	0.380	1.635	-0.933	1.35e-22
RP11-500M8.7	ENSG00000272921.1	0.220	1.330	-0.933	7.57e-4
Metazoa_SRP	ENSG00000280816.1	0.270	1.425	-0.933	5.31e-15
MPC1	ENSG00000060762.18	73.272	140.999	-0.935	3.96e-22
FTCD	ENSG00000160282.13	187.350	359.213	-0.935	5.51e-11
PDE2A	ENSG00000186642.15	2.180	5.080	-0.935	1.86e-27
RP11-254I22.3	ENSG00000249746.1	1.990	4.715	-0.935	3.31e-7

RP11-186B7.4	ENSG00000264772.5	0.750	2.345	-0.935	1.43e-23
NBPF26	ENSG00000273136.5	0.720	2.289	-0.935	4.09e-19
ABCA10	ENSG00000154263.17	0.670	2.195	-0.936	3.71e-16
C5AR1	ENSG00000197405.7	2.240	5.200	-0.936	7.21e-12
SPATA6L	ENSG00000106686.16	0.950	2.730	-0.936	3.78e-19
JUNB	ENSG00000171223.5	42.479	82.235	-0.937	1.02e-12
HERC2P9	ENSG00000206149.10	3.370	7.370	-0.938	4.81e-5
CRIPAK	ENSG00000179979.8	1.710	4.205	-0.942	2.70e-7
FAM95C	ENSG00000273036.2	0.160	1.230	-0.943	2.40e-9
RP11-789C1.1	ENSG00000250266.1	0.000	0.925	-0.945	7.85e-35
ANO1	ENSG00000131620.17	9.160	18.570	-0.946	2.97e-7
CTD-2013N17.6	ENSG00000280332.1	0.270	1.450	-0.948	2.11e-26
SGK494	ENSG00000167524.14	0.580	2.050	-0.949	2.31e-14
RP11-365N19.2	ENSG00000259515.1	0.180	1.280	-0.950	2.64e-37
RP11-362F19.1	ENSG00000248810.1	0.050	1.030	-0.951	1.76e-13
RP11-894P9.1	ENSG00000246451.2	0.220	1.360	-0.952	1.12e-31
MROH2A	ENSG00000185038.14	0.340	1.595	-0.953	6.99e-7
NPHP3	ENSG00000113971.18	2.120	5.045	-0.954	1.36e-10
ANKRD10-IT1	ENSG00000229152.2	0.800	2.495	-0.957	6.39e-11
TTPAL	ENSG00000124120.10	3.730	8.185	-0.957	1.21e-17
KRT19	ENSG00000171345.13	0.880	2.649	-0.957	2.69e-2
LINC01001	ENSG00000230724.9	3.130	7.020	-0.957	5.30e-6
RP11-274B21.2	ENSG00000243302.3	2.770	6.320	-0.957	4.71e-9
FGR	ENSG00000000938.12	1.500	3.855	-0.958	1.16e-18
KLKB1	ENSG00000164344.15	26.740	52.886	-0.958	1.01e-10
TM6SF2	ENSG00000213996.12	12.300	24.830	-0.958	3.09e-12
ACAA1	ENSG00000060971.17	148.703	289.947	-0.959	8.07e-23
USP43	ENSG00000154914.16	0.600	2.110	-0.959	1.64e-17
DEPDC7	ENSG00000121690.9	11.050	22.459	-0.961	2.98e-23
MASP1	ENSG00000127241.16	21.840	43.451	-0.961	7.55e-22
SLC19A3	ENSG00000135917.13	3.160	7.100	-0.961	5.30e-20
MMP25-AS1	ENSG00000261971.6	2.070	4.975	-0.961	2.49e-5
RDH5	ENSG00000135437.9	17.111	34.279	-0.962	3.74e-12
THBS1	ENSG00000137801.10	8.200	16.935	-0.963	2.33e-9
RP11-101E14.3	ENSG00000233415.1	0.000	0.950	-0.963	3.81e-21
RP11-5A19.5	ENSG00000265690.7	0.470	1.865	-0.963	3.05e-18
SMPD3	ENSG00000103056.11	0.220	1.380	-0.964	1.06e-41
AHI1	ENSG00000135541.20	2.170	5.190	-0.965	4.12e-9
F11	ENSG00000088926.13	38.529	76.169	-0.965	1.02e-14
ATG16L2	ENSG00000168010.10	5.850	12.385	-0.966	1.12e-7
XDH	ENSG00000158125.9	6.650	13.944	-0.966	1.42e-11
AQP7	ENSG00000165269.12	5.290	11.300	-0.968	1.12e-22
CTC-360G5.9	ENSG00000269486.2	0.360	1.660	-0.968	2.95e-31
SLC1A1	ENSG00000106688.11	6.650	13.969	-0.968	1.02e-13
AC104809.4	ENSG00000233392.5	0.070	1.095	-0.969	1.31e-16
PER1	ENSG00000179094.13	19.471	39.098	-0.970	6.40e-15
GPT	ENSG00000167701.13	41.151	81.616	-0.971	1.67e-9
RP11-273G15.2	ENSG00000247317.3	0.240	1.430	-0.971	1.18e-21
PKD4	ENSG00000004799.7	19.920	40.029	-0.972	6.95e-7
RP11-61I13.3	ENSG00000235033.7	0.440	1.825	-0.972	6.28e-24

GADD45G	ENSG00000130222.10	43.161	85.683	-0.973	1.40e-9
KNDC1	ENSG00000171798.17	0.470	1.885	-0.973	1.12e-5
ATAD3C	ENSG00000215915.9	0.440	1.830	-0.975	3.29e-13
IGLL5	ENSG00000254709.6	1.590	4.100	-0.978	1.42e-2
SERPINA3	ENSG00000273259.2	878.074	1.730.291	-0.978	6.23e-10
TMEM100	ENSG00000166292.11	0.570	2.100	-0.981	2.42e-11
RP11-274B21.4	ENSG00000230715.3	3.850	8.575	-0.981	6.42e-8
LINC01430	ENSG00000237907.1	0.340	1.645	-0.981	5.00e-38
KLHL17	ENSG00000187961.13	2.220	5.360	-0.982	5.16e-5
KRT5	ENSG00000186081.11	0.060	1.095	-0.983	1.43e-10
HNRNPU-AS1	ENSG00000188206.6	2.830	6.570	-0.983	7.34e-5
ACSM2A	ENSG00000183747.11	98.332	195.706	-0.986	7.75e-15
PLIN2	ENSG00000147872.9	116.597	232.300	-0.988	4.58e-12
EMILIN1	ENSG00000138080.13	6.220	13.340	-0.990	6.28e-10
IGKV1-16	ENSG00000240864.3	0.490	1.960	-0.990	1.49e-2
CTH	ENSG00000116761.11	18.520	37.845	-0.993	8.85e-10
DMGDH	ENSG00000132837.14	21.060	42.979	-0.995	1.18e-11
TNXB	ENSG00000168477.17	3.530	8.030	-0.995	1.59e-15
FAM86B3P	ENSG00000173295.7	0.560	2.110	-0.995	2.16e-25
SAMD11	ENSG00000187634.10	0.330	1.650	-0.995	9.52e-15
AGXT	ENSG00000172482.4	533.298	1.065.599	-0.997	3.72e-11
RBM6	ENSG00000004534.14	19.910	40.720	-0.997	1.43e-3
IL33	ENSG00000137033.11	1.990	4.970	-0.998	5.70e-10
IGLC1	ENSG00000211675.2	17.940	36.832	-0.998	1.05e-3
SERPINA11	ENSG00000186910.3	62.180	125.257	-0.999	3.80e-13
MIB2	ENSG00000197530.12	10.730	22.450	-0.999	5.39e-8
SLC27A5	ENSG00000083807.9	248.413	497.947	-1.000	5.86e-10
PVALB	ENSG00000100362.12	0.110	1.220	-1.000	2.77e-41
SLC46A3	ENSG00000139508.14	11.350	23.705	-1.000	1.20e-15
MIR503HG	ENSG00000223749.7	0.550	2.100	-1.000	1.88e-27
AGAP5	ENSG00000172650.12	1.110	3.235	-1.005	3.29e-11
DTX4	ENSG00000110042.7	3.770	8.570	-1.005	1.15e-10
CD5L	ENSG00000073754.5	1.350	3.725	-1.008	2.12e-11
HPX	ENSG00000110169.10	1.194.589	2.403.131	-1.008	3.35e-11
AP000355.2	ENSG00000228923.1	0.630	2.280	-1.009	1.62e-16
KCNK5	ENSG00000164626.8	1.670	4.375	-1.009	3.47e-14
TAF1C	ENSG00000103168.16	6.940	14.985	-1.010	1.46e-7
SIK1	ENSG00000142178.7	1.570	4.180	-1.011	6.29e-7
RP11-510N19.5	ENSG00000249007.1	0.270	1.560	-1.011	8.48e-13
MYO7A	ENSG00000137474.19	4.790	10.680	-1.012	2.15e-13
FAM150B	ENSG00000189292.15	0.130	1.280	-1.013	5.92e-11
IGKC	ENSG00000211592.6	145.713	295.005	-1.013	2.58e-3
RP11-715H19.2	ENSG00000279444.1	0.000	1.020	-1.014	1.02e-18
AGAP4	ENSG00000188234.13	2.280	5.630	-1.015	5.30e-8
LINC00969	ENSG00000242086.8	15.970	33.294	-1.015	1.63e-3
UBAP1L	ENSG00000246922.8	0.450	1.930	-1.015	5.99e-24
RUFY3	ENSG00000018189.12	6.880	14.950	-1.017	7.58e-15
SLC10A1	ENSG00000100652.4	33.819	69.567	-1.019	2.91e-7
RPS12P21	ENSG00000243930.1	0.070	1.170	-1.020	2.74e-46
RP11-394B2.1	ENSG00000279569.1	0.230	1.495	-1.020	2.61e-32

PODN	ENSG00000174348.13	1.390	3.865	-1.025	7.70e-11
MT-CO2	ENSG00000198712.1	13.276.616	27.014.567	-1.025	1.28e-24
SULT1B1	ENSG00000173597.8	1.050	3.175	-1.026	2.81e-14
LY6G5B	ENSG00000240053.8	1.490	4.070	-1.026	3.60e-5
IGKV3-11	ENSG00000241351.2	8.890	19.145	-1.026	2.15e-3
ACOT12	ENSG00000172497.8	13.960	29.518	-1.029	2.17e-12
RP11-458F8.4	ENSG00000273142.1	1.310	3.715	-1.029	1.74e-12
RP11-286N22.16	ENSG00000279878.1	0.060	1.165	-1.030	5.25e-29
ZNF160	ENSG00000170949.17	1.910	4.945	-1.031	1.05e-15
ADRA2B	ENSG00000274286.1	0.410	1.885	-1.033	4.15e-50
DPH1	ENSG00000108963.17	10.360	22.265	-1.034	1.87e-17
TPT1-AS1	ENSG00000170919.15	3.420	8.050	-1.034	1.23e-12
GBP7	ENSG00000213512.1	6.710	14.798	-1.035	7.89e-7
DDX3Y	ENSG00000067048.16	3.680	8.605	-1.037	3.27e-10
TENM1	ENSG00000009694.13	0.120	1.300	-1.038	5.58e-26
IL4R	ENSG00000077238.13	17.090	36.155	-1.038	2.59e-17
FOSB	ENSG00000125740.13	1.620	4.380	-1.038	3.59e-11
CACNB2	ENSG00000165995.18	0.740	2.575	-1.039	1.27e-15
COX6B1P4	ENSG00000253813.1	0.000	1.055	-1.039	8.51e-76
PTGIS	ENSG00000124212.5	0.370	1.815	-1.039	1.91e-16
SMUG1P1	ENSG00000267444.1	0.000	1.055	-1.039	1.88e-58
CROCCP2	ENSG00000282056.1	2.910	7.045	-1.041	5.78e-21
CTB-89H12.4	ENSG00000230551.4	1.400	3.940	-1.041	5.23e-13
SLC39A5	ENSG00000139540.11	52.399	108.891	-1.041	3.77e-11
CDA	ENSG00000158825.5	15.420	32.819	-1.042	2.27e-14
FNBP4	ENSG00000109920.12	9.220	20.065	-1.043	2.32e-5
CCBE1	ENSG00000183287.13	0.060	1.185	-1.044	3.49e-54
ACAP3	ENSG00000131584.18	7.860	17.300	-1.046	7.95e-4
IGHV3-15	ENSG00000211943.2	0.450	1.995	-1.046	6.26e-3
RP11-34P13.16	ENSG00000269981.1	0.850	2.820	-1.046	5.09e-8
MT-ND1	ENSG00000198888.2	5.574.782	11.534.356	-1.049	3.52e-24
CES3	ENSG00000172828.12	7.320	16.224	-1.050	1.23e-13
IGLC3	ENSG00000211679.2	24.690	52.180	-1.050	1.49e-3
FANCC	ENSG00000158169.11	2.860	7.004	-1.052	1.14e-24
TMEM184A	ENSG00000164855.15	5.880	13.270	-1.052	3.29e-7
EVL	ENSG00000196405.12	25.860	54.749	-1.054	8.84e-15
COX6A2	ENSG00000156885.5	2.460	6.190	-1.055	4.48e-9
CPED1	ENSG00000106034.17	3.010	7.330	-1.055	2.93e-23
ETFDH	ENSG00000171503.11	27.810	58.846	-1.055	2.86e-33
MT-ND3	ENSG00000198840.2	9.254.247	19.245.719	-1.056	5.56e-24
MTND2P28	ENSG00000225630.1	211.541	441.922	-1.059	2.46e-12
SPAG5-AS1	ENSG00000227543.4	0.500	2.125	-1.059	1.73e-24
RP11-423H2.3	ENSG00000249684.5	0.190	1.485	-1.062	2.96e-15
LINC01320	ENSG00000228262.8	0.460	2.050	-1.063	1.73e-9
LINC00106	ENSG00000236871.6	0.560	2.260	-1.063	1.09e-12
ASPDH	ENSG00000204653.9	33.751	71.634	-1.064	4.55e-11
RSRP1	ENSG00000117616.17	16.950	36.530	-1.064	9.46e-3
SCARNA12	ENSG00000238795.1	0.370	1.865	-1.064	5.67e-19
SLC3A1	ENSG00000138079.13	0.660	2.480	-1.068	4.67e-3
SLC11A1	ENSG0000018280.16	0.590	2.335	-1.069	5.08e-20

IGKV1-27	ENSG00000244575.3	0.400	1.940	-1.070	5.39e-3
ADAT2	ENSG00000189007.15	1.230	3.685	-1.071	1.97e-11
MRC1	ENSG00000260314.2	1.920	5.135	-1.071	2.95e-7
FGB	ENSG00000171564.11	3.258.516	6.850.767	-1.072	1.51e-9
ACCS	ENSG00000110455.13	6.220	14.189	-1.073	6.11e-12
AGER	ENSG00000204305.13	1.410	4.070	-1.073	5.63e-10
RP4-568C11.4	ENSG00000274173.1	1.020	3.250	-1.073	3.07e-10
NDRG2	ENSG00000165795.20	83.239	176.349	-1.074	4.03e-23
AMN	ENSG00000166126.10	9.840	21.844	-1.075	1.73e-6
TPRG1	ENSG00000188001.9	1.700	4.690	-1.075	2.30e-23
IGHV5-51	ENSG00000211966.2	0.640	2.455	-1.075	1.92e-3
ENGASE	ENSG00000167280.16	5.900	13.544	-1.076	1.47e-4
RP11-119D9.1	ENSG00000251637.6	4.610	10.829	-1.076	2.11e-5
VNN1	ENSG00000112299.7	17.960	39.013	-1.077	3.43e-9
RP11-347C12.1	ENSG00000198064.13	0.370	1.890	-1.077	4.93e-25
CYP3A5	ENSG00000106258.13	100.148	212.607	-1.078	1.23e-5
C1R	ENSG00000159403.15	414.692	877.009	-1.079	1.34e-22
PNN	ENSG00000100941.8	14.910	32.620	-1.079	5.10e-11
LILRB5	ENSG00000105609.16	1.450	4.175	-1.079	5.91e-27
LTB4R	ENSG00000213903.8	2.010	5.365	-1.080	3.40e-8
RP11-384K6.2	ENSG00000225892.3	1.460	4.205	-1.081	2.87e-23
IGKV1-17	ENSG00000240382.3	0.590	2.365	-1.082	1.24e-2
SORL1	ENSG00000137642.12	6.550	15.000	-1.084	1.74e-23
ADAMTS1	ENSG00000154734.14	3.150	7.810	-1.086	8.91e-16
CDK11A	ENSG00000008128.22	11.850	26.269	-1.086	7.63e-7
EBF4	ENSG00000088881.20	2.550	6.540	-1.087	8.38e-7
PCBP1-AS1	ENSG00000179818.13	8.900	20.050	-1.088	1.30e-2
SLC25A18	ENSG00000182902.13	21.470	46.775	-1.088	1.48e-13
IGLV3-19	ENSG00000211663.2	1.170	3.615	-1.089	4.90e-2
ARGLU1	ENSG00000134884.13	17.771	38.953	-1.090	4.10e-6
SH3BP5-AS1	ENSG00000224660.1	0.900	3.050	-1.092	1.24e-18
FGL1	ENSG00000104760.16	714.652	1.526.116	-1.093	5.42e-8
SLX1B-SULT1A4	ENSG00000260280.5	0.990	3.245	-1.093	4.32e-11
AUTS2	ENSG00000158321.15	3.860	9.375	-1.094	2.28e-16
TGM2	ENSG00000198959.11	49.931	107.727	-1.094	3.91e-12
AP006285.7	ENSG00000231487.1	0.060	1.265	-1.095	2.02e-45
GRAMD1C	ENSG00000178075.19	2.240	5.925	-1.096	1.36e-19
IGKV1-9	ENSG00000241755.1	0.570	2.357	-1.097	1.74e-3
SRRM2	ENSG00000167978.16	123.442	265.349	-1.098	9.48e-6
PLXNB1	ENSG00000164050.12	30.890	67.290	-1.099	9.51e-9
AMDHD1	ENSG00000139344.7	23.480	51.479	-1.100	6.39e-15
AZGP1	ENSG00000160862.12	569.518	1.221.805	-1.100	5.97e-16
HAPLN4	ENSG00000187664.8	0.310	1.810	-1.101	1.90e-25
RP13-516M14.10	ENSG00000275888.1	0.380	1.960	-1.101	1.50e-25
CITED2	ENSG00000164442.9	16.549	36.750	-1.105	3.51e-15
FPR1	ENSG00000171051.8	0.530	2.290	-1.105	7.81e-18
IGHV3-33	ENSG00000211955.2	0.740	2.745	-1.106	4.21e-3
TMEM25	ENSG00000149582.15	2.850	7.290	-1.107	1.37e-21
IL1RL1	ENSG00000115602.16	0.080	1.330	-1.109	2.80e-34
RP11-258F1.2	ENSG00000279428.1	0.230	1.655	-1.110	9.13e-37

RNF152	ENSG00000176641.10	2.870	7.370	-1.113	7.43e-30
ARHGAP10	ENSG00000071205.11	1.860	5.190	-1.114	4.07e-22
CCL21	ENSG00000137077.7	7.730	17.895	-1.114	1.21e-5
TRPV4	ENSG00000111199.10	0.770	2.830	-1.114	2.01e-14
APOA5	ENSG00000110243.11	97.267	211.834	-1.115	5.78e-13
SERPINE1	ENSG00000106366.8	20.831	46.290	-1.115	3.42e-5
VEGFA	ENSG00000112715.20	53.050	116.073	-1.115	3.43e-7
PRSS1	ENSG00000204983.12	0.000	1.170	-1.118	6.84e-25
KAZN	ENSG00000189337.15	0.340	1.910	-1.119	1.53e-33
MT-ND5	ENSG00000198786.2	1.410.997	3.065.910	-1.119	9.28e-17
MCC	ENSG00000171444.17	1.220	3.825	-1.120	2.64e-38
OGDHL	ENSG00000197444.9	18.450	41.286	-1.120	1.77e-17
AKR1C8P	ENSG00000264006.6	0.260	1.740	-1.121	2.75e-20
C1RL-AS1	ENSG00000205885.7	1.810	5.113	-1.121	6.51e-12
CLASRP	ENSG00000104859.14	20.340	45.469	-1.123	2.99e-3
BCL6	ENSG00000113916.17	10.780	24.681	-1.124	5.88e-13
BCHE	ENSG00000114200.9	17.321	38.950	-1.125	8.65e-13
CIDEB	ENSG00000136305.11	62.721	137.997	-1.125	1.22e-23
RNF165	ENSG00000141622.13	0.160	1.530	-1.125	1.29e-60
GABBR1	ENSG00000204681.10	0.680	2.665	-1.125	3.18e-12
RP11-496I9.1	ENSG00000254815.5	0.650	2.600	-1.125	9.34e-8
SPTBN2	ENSG00000173898.11	8.040	18.735	-1.126	2.26e-16
WASH5P	ENSG00000282458.1	5.200	12.530	-1.126	3.52e-5
PRSS2	ENSG00000275896.4	0.030	1.250	-1.127	1.60e-22
C14orf180	ENSG00000184601.10	0.010	1.210	-1.130	2.10e-53
MAT1A	ENSG00000151224.12	220.907	484.649	-1.130	7.57e-19
TRPM8	ENSG00000144481.16	4.060	10.085	-1.131	5.06e-12
RP11-42O15.3	ENSG00000271992.1	4.660	11.395	-1.131	6.70e-13
EPHX2	ENSG00000120915.13	47.891	106.244	-1.133	3.89e-18
SLAIN1	ENSG00000139737.21	0.630	2.575	-1.133	7.08e-22
AFG3L1P	ENSG00000223959.8	3.200	8.220	-1.134	2.33e-10
ADRA1B	ENSG00000170214.3	1.210	3.855	-1.135	8.39e-31
N4BP2L1	ENSG00000139597.16	12.220	28.050	-1.136	5.56e-34
CYP21A1P	ENSG00000204338.8	2.250	6.150	-1.137	7.39e-4
HEPACAM	ENSG00000165478.6	0.070	1.355	-1.138	2.67e-4
NDUFA6-AS1	ENSG00000237037.9	5.280	12.819	-1.138	9.18e-15
PPP1R3B	ENSG00000173281.4	10.710	24.785	-1.139	9.18e-19
ANK3	ENSG00000151150.20	1.010	3.435	-1.142	6.39e-15
PALM3	ENSG00000187867.8	7.610	18.025	-1.144	2.18e-17
RASGEF1B	ENSG00000138670.16	4.630	11.450	-1.145	8.14e-25
SNRPGP15	ENSG00000224543.4	0.250	1.765	-1.145	4.66e-19
RP11-609D21.3	ENSG00000279296.1	1.080	3.600	-1.145	9.69e-8
CYP3A43	ENSG0000021461.16	0.750	2.875	-1.147	1.02e-13
PLSCR4	ENSG00000114698.14	5.390	13.155	-1.147	8.18e-31
AC009120.6	ENSG00000259972.2	1.990	5.625	-1.148	4.51e-7
IGHV2-5	ENSG00000211937.3	0.230	1.725	-1.148	3.21e-4
AHSA2	ENSG00000173209.22	10.420	24.350	-1.150	2.24e-2
MALAT1	ENSG00000251562.7	13.790	31.885	-1.153	4.83e-4
RP11-203J24.9	ENSG00000257524.5	1.670	4.945	-1.155	4.29e-11
KRT17P4	ENSG00000205312.8	0.050	1.340	-1.156	1.80e-35

PLCH2	ENSG00000149527.17	0.570	2.500	-1.157	6.00e-3
CPEB3	ENSG00000107864.14	1.110	3.710	-1.158	7.09e-40
NAMPT	ENSG00000105835.11	38.001	86.288	-1.162	1.32e-14
RND3	ENSG00000115963.13	9.270	21.980	-1.162	3.53e-24
SKAP1	ENSG00000141293.15	7.370	17.729	-1.162	9.64e-12
SYT9	ENSG00000170743.16	0.010	1.260	-1.162	8.39e-44
LRP5L	ENSG00000100068.11	2.810	7.535	-1.164	3.77e-13
IGKV2-24	ENSG00000241294.1	0.370	2.074	-1.166	5.29e-8
NEIL1	ENSG00000140398.13	8.760	20.924	-1.168	1.85e-11
MT-ND2	ENSG00000198763.3	6.531.958	14.680.362	-1.168	2.13e-23
SATB1	ENSG00000182568.16	1.650	4.965	-1.170	2.49e-22
CBFA2T3	ENSG00000129993.14	0.570	2.535	-1.171	1.29e-39
RP11-164J13.1	ENSG00000258461.5	0.770	2.985	-1.171	1.98e-22
GOLGA8N	ENSG00000232653.8	1.070	3.665	-1.172	2.69e-20
RP11-394O4.5	ENSG00000269936.3	0.480	2.335	-1.172	1.21e-17
FAM160B2	ENSG00000158863.21	9.280	22.195	-1.174	1.12e-7
FAM151A	ENSG00000162391.11	0.450	2.274	-1.175	1.09e-5
PNPLA7	ENSG00000130653.15	1.700	5.100	-1.176	7.03e-45
PHYHD1	ENSG00000175287.18	14.710	34.515	-1.177	9.58e-19
PHYKPL	ENSG00000175309.14	20.569	47.765	-1.177	1.10e-27
LINC00174	ENSG00000179406.6	1.050	3.635	-1.177	4.56e-19
PAMR1	ENSG00000149090.11	0.700	2.855	-1.181	6.04e-24
AC004540.4	ENSG00000225792.1	0.170	1.654	-1.182	1.94e-25
FNDC4	ENSG00000115226.9	22.841	53.096	-1.182	9.26e-18
MT-CYB	ENSG00000198727.2	6.751.535	15.334.037	-1.183	2.38e-28
STAG3L5P	ENSG00000242294.6	5.220	13.125	-1.183	5.08e-8
TRIM66	ENSG00000166436.15	0.840	3.180	-1.184	1.30e-17
ADGRA3	ENSG00000152990.13	8.900	21.525	-1.186	8.54e-24
GGT5	ENSG00000099998.17	8.170	19.870	-1.186	5.36e-16
GPM6A	ENSG00000150625.16	0.160	1.640	-1.186	9.84e-45
SEC14L4	ENSG00000133488.14	2.040	5.920	-1.187	1.11e-14
RP4-669L17.10	ENSG00000237094.11	3.090	8.316	-1.188	1.19e-9
GADD45B	ENSG00000099860.8	66.472	152.783	-1.189	2.93e-20
YJEFN3	ENSG00000250067.11	0.550	2.535	-1.189	4.56e-10
RP11-817J15.3	ENSG00000281655.1	0.040	1.375	-1.191	3.70e-21
UNC13D	ENSG00000092929.11	1.630	5.010	-1.192	1.65e-13
MST1	ENSG00000173531.15	205.486	472.132	-1.196	7.93e-24
DOCK5	ENSG00000147459.17	2.040	5.980	-1.199	5.82e-19
EGR1	ENSG00000120738.7	18.640	44.085	-1.199	1.97e-11
RP11-274B21.3	ENSG00000243679.1	4.960	12.679	-1.199	4.58e-10
ADAMTS2	ENSG00000087116.13	1.370	4.445	-1.200	2.95e-16
RP11-830F9.5	ENSG00000259881.1	0.040	1.390	-1.200	2.41e-51
PBLD	ENSG00000108187.15	29.590	69.384	-1.202	6.28e-19
KCND3	ENSG00000171385.9	0.840	3.235	-1.203	7.35e-28
CCDC84	ENSG00000186166.8	6.330	15.905	-1.206	2.85e-5
UGT2B17	ENSG00000197888.2	0.750	3.040	-1.207	1.79e-3
HK3	ENSG00000160883.10	1.210	4.105	-1.208	1.17e-20
GOLGA6L5P	ENSG00000230373.8	0.930	3.465	-1.210	1.80e-18
SPRR3	ENSG00000163209.14	0.000	1.315	-1.211	5.13e-29
NPY1R	ENSG00000164128.6	0.400	2.240	-1.211	1.79e-37

EPOR	ENSG00000187266.13	2.570	7.270	-1.212	1.33e-17
PLA2G4B	ENSG00000243708.8	1.460	4.700	-1.212	7.46e-13
RP11-250B2.3	ENSG00000233967.6	0.500	2.480	-1.214	3.11e-40
BGN	ENSG00000182492.15	56.790	133.176	-1.215	1.42e-13
C19orf66	ENSG00000130813.17	42.679	100.513	-1.217	3.13e-30
IGLC2	ENSG00000211677.2	39.769	93.769	-1.217	5.45e-3
PTOV1-AS2	ENSG00000269352.1	2.390	6.895	-1.220	4.51e-8
CYP21A2	ENSG00000231852.6	5.800	14.850	-1.221	6.93e-7
TSLP	ENSG00000145777.14	0.330	2.100	-1.221	2.45e-42
HHIP	ENSG00000164161.9	0.060	1.475	-1.223	2.21e-43
IGF1	ENSG0000017427.15	4.770	12.475	-1.224	9.57e-14
MTHFD2L	ENSG00000163738.18	3.570	9.690	-1.226	7.44e-37
MUC3A	ENSG00000169894.17	1.620	5.130	-1.226	5.18e-4
ALDH8A1	ENSG00000118514.13	27.029	64.679	-1.229	3.10e-22
ZFP36	ENSG00000128016.5	53.742	127.304	-1.229	2.91e-21
SAMD5	ENSG00000203727.3	0.480	2.470	-1.229	5.79e-26
GOLGA8B	ENSG00000215252.11	7.700	19.393	-1.229	3.83e-3
DEFA3	ENSG00000239839.5	0.000	1.345	-1.230	2.14e-31
PEMT	ENSG00000133027.17	50.530	119.908	-1.230	5.18e-26
C8A	ENSG00000157131.10	73.338	173.446	-1.231	4.02e-19
ERRF1	ENSG00000116285.12	67.672	160.379	-1.233	7.82e-19
FAM229A	ENSG00000225828.1	1.520	4.930	-1.235	6.43e-12
RP11-256L6.3	ENSG00000257878.1	0.830	3.320	-1.239	5.22e-20
PRELP	ENSG00000188783.5	1.250	4.320	-1.241	4.30e-16
GCH1	ENSG00000131979.18	11.760	29.190	-1.242	1.20e-26
RP11-676J12.7	ENSG00000262003.1	0.110	1.625	-1.242	6.65e-29
uc_338	ENSG00000274051.1	0.000	1.365	-1.242	4.08e-27
AF064858.6	ENSG00000205622.9	0.810	3.285	-1.243	3.50e-13
BCL3	ENSG00000069399.12	31.120	75.011	-1.243	2.34e-15
B3GAT1	ENSG00000109956.12	0.110	1.630	-1.245	5.52e-11
AKAP17A	ENSG00000197976.10	10.160	25.474	-1.246	3.02e-9
ATF3	ENSG00000162772.16	14.940	36.796	-1.246	2.39e-11
BMPER	ENSG00000164619.8	0.060	1.515	-1.246	1.97e-87
JCHAIN	ENSG00000132465.10	2.830	8.089	-1.247	1.53e-7
RP11-166B2.1	ENSG00000234719.8	0.870	3.453	-1.252	1.57e-17
SNRPGP10	ENSG00000235363.1	1.810	5.694	-1.252	3.22e-15
MT-ND4	ENSG00000198886.2	9.684.084	23.104.719	-1.254	1.08e-34
EXOC3L4	ENSG00000205436.7	17.590	43.365	-1.255	2.97e-16
LINC00659	ENSG00000228705.1	1.390	4.703	-1.255	2.20e-14
MZF1	ENSG00000099326.8	4.090	11.175	-1.258	1.24e-10
SERPINA3	ENSG00000196136.16	370.748	888.913	-1.259	9.53e-13
ACADVL	ENSG00000072778.19	359.313	861.913	-1.260	2.35e-22
AP006285.6	ENSG00000227306.1	0.470	2.525	-1.262	4.77e-13
NEU4	ENSG00000204099.11	9.570	24.385	-1.264	4.71e-12
RP11-390F4.3	ENSG00000225489.6	1.260	4.439	-1.267	5.45e-28
ABCC9	ENSG00000069431.10	2.250	6.825	-1.268	3.07e-26
CPT1B	ENSG00000205560.12	5.210	13.954	-1.268	5.88e-7
MT1P3	ENSG00000229230.3	0.000	1.410	-1.269	1.22e-9
LCN12	ENSG00000184925.11	6.830	17.900	-1.271	7.33e-14
AQP3	ENSG00000165272.14	24.599	60.915	-1.274	4.29e-21

OLFML3	ENSG00000116774.11	2.830	8.290	-1.278	3.70e-14
RSPO3	ENSG00000146374.13	0.060	1.570	-1.278	2.81e-43
PTPRS	ENSG00000105426.14	0.580	2.840	-1.281	8.57e-9
RP11-228B15.4	ENSG00000225032.5	0.380	2.354	-1.281	1.39e-25
GSDMB	ENSG00000073605.18	9.100	23.562	-1.282	5.33e-6
RP11-175B9.3	ENSG00000236439.4	1.410	4.860	-1.282	6.52e-12
LENG8	ENSG00000167615.16	19.070	47.910	-1.285	1.03e-5
IGLV2-8	ENSG00000278196.1	0.550	2.785	-1.288	3.27e-6
RP11-575L7.8	ENSG00000235298.1	0.440	2.520	-1.289	9.72e-23
LHX2	ENSG00000106689.10	0.360	2.330	-1.292	3.44e-33
ORM2	ENSG00000228278.3	1.430.198	3.502.573	-1.292	8.12e-14
RP1-232P20.1	ENSG00000269985.1	0.060	1.595	-1.292	1.26e-34
ACADL	ENSG00000115361.7	2.900	8.555	-1.293	3.27e-23
SLX1A-SULT1A3	ENSG00000213599.9	2.040	6.450	-1.293	6.72e-12
ACADS	ENSG00000122971.8	39.170	97.480	-1.294	1.55e-37
ADH1B	ENSG00000196616.12	360.135	884.396	-1.294	5.15e-11
DTX1	ENSG00000135144.7	4.030	11.335	-1.294	1.17e-21
PLGLB1	ENSG00000183281.14	29.800	74.586	-1.295	1.09e-20
WASH7P	ENSG00000227232.5	1.200	4.410	-1.298	1.11e-15
HSD11B1	ENSG00000117594.9	76.531	189.827	-1.299	4.75e-11
AGXT2	ENSG00000113492.13	13.630	35.030	-1.300	1.27e-23
WDR27	ENSG00000184465.15	2.940	8.715	-1.302	8.39e-10
RP11-159D12.2	ENSG00000264112.1	1.000	3.940	-1.305	8.45e-12
LSMEM1	ENSG00000181016.9	0.640	3.055	-1.306	5.49e-22
REC8	ENSG00000100918.12	2.280	7.140	-1.311	1.43e-14
IGHG4	ENSG00000211892.3	4.900	13.650	-1.312	2.88e-3
C8orf46	ENSG00000169085.11	1.620	5.510	-1.313	2.86e-14
BX842568.1	ENSG00000235510.1	0.400	2.485	-1.316	3.16e-30
IGKV3-20	ENSG00000239951.1	6.350	17.302	-1.316	2.63e-3
CTC-529I10.1	ENSG00000275413.1	0.660	3.140	-1.318	2.44e-37
RP11-43N16.4	ENSG00000279861.1	0.690	3.215	-1.318	1.67e-22
IP6K3	ENSG00000161896.10	0.360	2.394	-1.319	3.14e-9
MAN1C1	ENSG00000117643.14	4.640	13.085	-1.320	1.14e-21
RP4-631H13.6	ENSG00000230953.2	0.000	1.500	-1.322	1.76e-7
C6	ENSG00000039537.13	47.422	120.137	-1.323	5.41e-20
HOGA1	ENSG00000241935.8	7.790	21.020	-1.325	6.56e-23
CHST4	ENSG00000140835.9	0.030	1.585	-1.327	1.28e-18
CLDN10	ENSG00000134873.9	0.100	1.760	-1.327	6.13e-6
CACNA1H	ENSG00000196557.10	1.510	5.300	-1.328	2.70e-3
SMG1P7	ENSG00000261556.8	1.050	4.145	-1.328	1.69e-23
SPG20	ENSG00000133104.12	1.550	5.410	-1.330	4.11e-21
TIAF1	ENSG00000221995.5	0.480	2.720	-1.330	2.07e-39
COL27A1	ENSG00000196739.14	6.030	16.685	-1.331	4.27e-10
RP11-1259L22.2	ENSG00000271681.1	0.320	2.325	-1.333	1.81e-26
CTD-2619J13.8	ENSG00000268230.5	1.950	6.439	-1.334	7.86e-19
PNISR	ENSG00000132424.14	11.810	31.325	-1.335	2.01e-8
ATHL1	ENSG00000142102.15	9.890	26.485	-1.336	7.22e-3
PDGFRA	ENSG00000134853.11	0.920	3.855	-1.338	3.43e-19
MUC6	ENSG00000184956.15	0.020	1.580	-1.339	2.73e-9
RP11-295P9.3	ENSG00000239665.8	3.580	10.585	-1.339	6.20e-8

COX7CP1	ENSG00000235957.1	0.000	1.532	-1.340	6.12e-13
RP11-196G11.1	ENSG00000255439.6	0.570	2.975	-1.340	2.77e-47
USP9Y	ENSG00000114374.12	0.400	2.550	-1.342	1.78e-14
FBP1	ENSG00000165140.9	116.403	296.902	-1.343	4.11e-20
NPC1L1	ENSG00000015520.14	4.680	13.435	-1.346	1.66e-15
LIPG	ENSG00000101670.11	8.010	21.904	-1.346	2.07e-20
RP11-632K20.7	ENSG00000223509.8	1.680	5.815	-1.346	2.31e-26
NKTR	ENSG00000114857.17	4.610	13.300	-1.350	1.96e-10
IGKV3-15	ENSG00000244437.1	1.610	5.659	-1.351	1.39e-2
CYP2B7P	ENSG00000256612.7	5.240	14.939	-1.353	1.85e-3
TPPP2	ENSG00000179636.14	0.760	3.525	-1.362	1.01e-29
PGA4	ENSG00000229183.8	0.050	1.700	-1.362	3.57e-43
C1orf228	ENSG00000198520.10	1.790	6.188	-1.365	4.05e-27
AL161668.5	ENSG00000258604.1	1.630	5.785	-1.367	3.53e-22
SLC25A37	ENSG00000147454.13	4.400	12.924	-1.367	8.04e-34
PPP1R3C	ENSG00000119938.8	10.360	28.320	-1.368	1.33e-15
KMO	ENSG00000117009.11	7.170	20.115	-1.370	7.00e-22
CCL23	ENSG00000274736.4	0.220	2.155	-1.371	1.11e-67
CTC-524C5.2	ENSG00000263272.1	0.710	3.425	-1.372	4.47e-21
OAT	ENSG00000065154.11	9.780	26.915	-1.373	7.28e-9
HOOK2	ENSG00000095066.11	8.220	22.890	-1.374	5.02e-7
RIC3	ENSG00000166405.14	0.070	1.775	-1.375	1.08e-35
LPIN3	ENSG00000132793.11	4.750	13.924	-1.376	5.67e-11
HAL	ENSG00000084110.10	20.480	54.784	-1.377	3.89e-14
ACACB	ENSG00000076555.15	8.470	23.610	-1.378	2.85e-25
PABPC1L	ENSG00000101104.12	11.350	31.315	-1.388	3.95e-2
ABCA9	ENSG00000154258.16	0.630	3.270	-1.389	1.21e-33
RP11-115J16.1	ENSG00000254235.5	0.560	3.090	-1.391	1.34e-9
NPIP3	ENSG00000169246.16	8.820	24.769	-1.392	1.05e-7
IGKV1D-39	ENSG00000251546.1	3.940	11.967	-1.392	4.79e-3
RP4-583P15.15	ENSG00000273154.3	2.090	7.120	-1.394	1.02e-32
F11-AS1	ENSG00000251165.5	2.750	8.870	-1.396	2.92e-32
TNS2	ENSG00000111077.17	24.931	67.367	-1.399	2.42e-23
LIFR	ENSG00000113594.9	0.710	3.515	-1.401	4.82e-49
DIRAS3	ENSG00000162595.4	0.250	2.305	-1.403	1.29e-38
FAM193B	ENSG00000146067.15	17.130	46.951	-1.403	3.06e-4
IGLV2-11	ENSG00000211668.2	1.120	4.605	-1.403	9.43e-5
RP11-404G16.2	ENSG00000244062.1	0.350	2.570	-1.403	1.16e-22
SRSF11	ENSG00000116754.13	25.310	68.614	-1.404	8.39e-11
SLC13A5	ENSG00000141485.15	60.400	161.954	-1.408	6.58e-20
MLXIPL	ENSG00000009950.15	98.700	263.982	-1.410	2.76e-10
AC004538.3	ENSG00000230333.6	0.140	2.040	-1.415	9.74e-43
HPGD	ENSG00000164120.13	14.550	40.456	-1.415	6.59e-12
RP11-238F2.1	ENSG00000271239.1	0.140	2.040	-1.415	1.53e-4
CAMK2B	ENSG00000058404.19	0.240	2.310	-1.416	1.36e-26
NRG1	ENSG00000157168.18	0.450	2.870	-1.416	1.20e-10
CCL19	ENSG00000172724.11	2.700	8.890	-1.418	1.65e-6
GSTZ1	ENSG00000100577.18	29.670	81.055	-1.420	1.10e-26
IGHG2	ENSG00000211893.3	10.090	28.674	-1.420	3.72e-4
MTATP6P1	ENSG00000248527.1	1.387.526	3.715.008	-1.420	1.04e-23

TMEM45A	ENSG00000181458.10	11.380	32.179	-1.422	4.51e-14
KIAA0895L	ENSG00000196123.12	2.040	7.160	-1.424	1.66e-10
MFAP3L	ENSG00000198948.11	1.980	7.005	-1.426	9.41e-28
RP11-524F11.1	ENSG00000265511.1	0.370	2.685	-1.427	1.64e-41
ACSM5	ENSG00000183549.10	28.829	79.263	-1.428	1.12e-22
RP11-69E11.4	ENSG00000182109.7	0.830	3.935	-1.431	4.93e-20
HERC2P2	ENSG00000276550.4	4.350	13.429	-1.431	8.98e-6
CCNL1	ENSG00000163660.11	21.840	60.633	-1.432	8.69e-22
GSTT2B	ENSG00000133433.10	3.380	10.820	-1.432	6.07e-7
IGLV3-25	ENSG00000211659.2	0.840	3.975	-1.435	9.68e-4
RCAN1	ENSG00000159200.17	17.179	48.371	-1.441	5.50e-43
TBX15	ENSG00000092607.13	2.270	7.885	-1.442	1.26e-14
IGKV1-5	ENSG00000243466.1	1.450	5.679	-1.447	3.65e-3
AZGP1P1	ENSG00000214313.8	6.430	19.275	-1.448	8.77e-28
STARD5	ENSG00000172345.13	6.450	19.359	-1.450	3.13e-42
STAG3L5P-PVRIG2P-PILRB	ENSG00000272752.5	14.780	42.150	-1.451	4.67e-8
RP3-508I15.20	ENSG00000273096.1	0.000	1.745	-1.457	4.80e-18
CYP4A11	ENSG00000187048.12	108.217	299.559	-1.460	1.21e-15
RP1-102E24.8	ENSG00000256433.2	0.270	2.495	-1.460	2.12e-46
CLDN2	ENSG00000165376.10	5.480	16.855	-1.462	1.92e-5
SULT1E1	ENSG00000109193.10	1.410	5.650	-1.464	1.08e-8
RP11-415J8.3	ENSG00000225313.5	0.740	3.800	-1.464	3.31e-31
CTD-2240E14.4	ENSG00000267387.1	0.300	2.590	-1.465	3.83e-54
COLEC11	ENSG00000118004.17	18.710	53.509	-1.468	2.49e-20
DUSP1	ENSG00000120129.5	76.452	213.619	-1.470	6.33e-21
SEC31B	ENSG00000075826.16	1.220	5.160	-1.472	4.60e-23
TDO2	ENSG00000151790.8	76.478	213.996	-1.472	1.71e-17
AKR7L	ENSG00000211454.13	4.430	14.072	-1.473	1.15e-28
PRSS8	ENSG00000052344.15	3.000	10.110	-1.474	3.16e-9
LRG1	ENSG00000171236.9	121.229	339.166	-1.477	1.29e-15
ABLIM3	ENSG00000173210.19	12.690	37.135	-1.478	3.05e-29
AC138035.2	ENSG00000238035.8	0.600	3.465	-1.481	7.14e-22
NR4A1	ENSG00000123358.19	8.570	25.707	-1.481	1.62e-17
IGLV1-51	ENSG00000211644.2	1.470	5.900	-1.482	1.29e-4
SOCS3	ENSG00000184557.4	6.840	20.916	-1.483	7.50e-13
TTY14	ENSG00000176728.7	0.410	2.950	-1.486	2.34e-5
NTF3	ENSG00000185652.11	0.230	2.445	-1.486	1.37e-78
MBL2	ENSG00000165471.6	12.810	37.715	-1.487	4.36e-18
AFM	ENSG00000079557.4	50.380	143.334	-1.490	1.15e-19
IGKV2-28	ENSG00000244116.3	2.520	8.890	-1.490	2.38e-4
CNTN3	ENSG00000113805.8	0.080	2.035	-1.491	2.99e-40
ZC3H13	ENSG00000123200.16	4.810	15.400	-1.497	1.80e-30
RP11-499P20.2	ENSG00000240291.1	2.100	7.765	-1.499	3.20e-16
CD1D	ENSG00000158473.6	1.310	5.540	-1.501	6.84e-32
IGKV4-1	ENSG00000211598.2	1.760	6.825	-1.503	1.78e-2
RP11-66N24.3	ENSG00000258727.1	1.310	5.550	-1.504	6.60e-14
SMIM24	ENSG00000095932.6	1.550	6.257	-1.509	9.69e-3
MT-ATP6	ENSG00000198899.2	11.214.673	31.942.729	-1.510	1.16e-41
GOS2	ENSG00000123689.5	46.051	133.107	-1.511	9.21e-13

ASMT	ENSG00000236017.7	3.230	11.100	-1.516	3.17e-6
AASS	ENSG00000008311.14	3.240	11.160	-1.520	9.03e-20
SYT7	ENSG00000011347.9	6.730	21.180	-1.521	2.42e-13
CSAD	ENSG00000139631.18	14.780	44.387	-1.524	5.27e-29
DNAJC12	ENSG00000108176.14	6.660	21.085	-1.528	1.18e-18
GPD1	ENSG00000167588.12	15.390	46.359	-1.531	1.03e-17
KBTBD11	ENSG00000176595.3	0.260	2.645	-1.532	7.57e-57
MPPED1	ENSG00000186732.13	1.340	5.769	-1.532	5.30e-26
ID1	ENSG00000125968.8	15.630	47.120	-1.533	3.47e-20
CYP1A1	ENSG00000140465.13	0.970	4.710	-1.535	1.72e-4
MT-ND4L	ENSG00000212907.2	5.341.391	15.483.027	-1.535	6.04e-27
EFHD1	ENSG00000115468.11	5.260	17.155	-1.536	2.61e-9
SLC39A14	ENSG00000104635.13	54.681	160.457	-1.536	6.14e-37
GNMT	ENSG00000124713.5	30.380	90.336	-1.541	8.24e-10
IGHA2	ENSG00000211890.3	2.830	10.167	-1.544	5.71e-12
CTB-50L17.14	ENSG00000267385.1	1.120	5.205	-1.549	6.55e-24
HAND2-AS1	ENSG00000237125.8	0.120	2.285	-1.552	3.44e-58
IGHM	ENSG00000211899.7	8.760	27.634	-1.553	1.81e-10
TUBE1	ENSG00000074935.13	4.170	14.245	-1.560	2.56e-55
RASD1	ENSG00000108551.4	14.230	43.902	-1.560	8.63e-11
CTD-2619J13.27	ENSG00000273901.1	1.410	6.110	-1.561	1.97e-20
HPN-AS1	ENSG00000227392.1	0.590	3.690	-1.561	1.59e-26
C1orf168	ENSG00000187889.12	3.310	11.729	-1.562	6.25e-32
CTD-3092A11.2	ENSG00000270055.1	2.470	9.255	-1.563	2.53e-27
STEAP4	ENSG00000127954.12	0.770	4.240	-1.566	4.38e-36
PLGLB2	ENSG00000125551.18	65.348	195.780	-1.568	4.11e-23
FXYD1	ENSG00000266964.5	79.340	237.140	-1.568	2.63e-12
CBS	ENSG00000274276.4	4.020	13.905	-1.570	8.68e-5
SLC17A9	ENSG00000101194.17	29.769	90.333	-1.570	4.91e-7
RRN3P1	ENSG00000248124.7	1.240	5.655	-1.571	1.25e-33
ADAMTSL2	ENSG00000197859.9	3.150	11.359	-1.574	3.48e-25
MAPK8IP3	ENSG00000138834.12	5.620	18.720	-1.575	5.30e-8
ALOX12P2	ENSG00000262943.7	1.390	6.128	-1.577	2.52e-25
CFP	ENSG00000126759.12	2.320	8.934	-1.581	3.12e-36
CCNL2	ENSG00000221978.11	33.029	101.006	-1.584	1.99e-10
IGKV1-33	ENSG00000242076.2	1.170	5.510	-1.585	1.25e-3
RP11-115C10.1	ENSG00000254607.2	1.930	7.789	-1.585	9.26e-4
CSRNP1	ENSG00000144655.14	7.190	23.779	-1.597	3.50e-31
MYOM2	ENSG00000036448.9	0.860	4.635	-1.599	2.62e-37
MT1XP1	ENSG00000233929.1	0.000	2.030	-1.599	2.90e-28
ACSM3	ENSG00000005187.11	18.450	58.215	-1.606	1.69e-24
C14orf105	ENSG00000100557.9	5.670	19.307	-1.606	5.36e-20
ACAD11	ENSG00000240303.7	12.740	40.844	-1.607	7.07e-44
AGAP6	ENSG00000204149.9	3.380	12.338	-1.607	1.98e-13
ANXA10	ENSG00000109511.10	10.590	34.340	-1.608	2.59e-18
NR1I2	ENSG00000144852.16	9.260	30.295	-1.609	2.22e-27
FAM134B	ENSG00000154153.13	2.320	9.124	-1.609	1.44e-17
STEAP3	ENSG00000115107.19	19.849	62.630	-1.610	3.11e-40
SLC7A2	ENSG00000003989.16	14.440	46.174	-1.611	3.88e-24
CNTFR	ENSG00000122756.14	0.490	3.555	-1.612	1.21e-6

SAA4	ENSG00000148965.8	251.479	770.846	-1.612	7.75e-21
LINC01018	ENSG00000250056.5	5.580	19.171	-1.616	8.20e-12
ECHDC2	ENSG00000121310.16	148.549	458.109	-1.618	1.73e-42
DNHD1	ENSG00000179532.12	1.450	6.529	-1.620	1.38e-17
RP11-361L15.3	ENSG00000280416.1	20.530	65.360	-1.624	1.61e-3
GLYATL1	ENSG00000166840.13	44.609	140.035	-1.629	8.95e-25
SNX29P2	ENSG00000271699.5	0.590	3.925	-1.631	4.19e-40
KRTCAP3	ENSG00000157992.12	1.410	6.480	-1.634	1.47e-4
HP	ENSG00000257017.8	8.497.954	26.421.961	-1.636	2.98e-17
ACSL1	ENSG00000151726.13	129.984	406.580	-1.638	4.55e-31
CLRN3	ENSG00000180745.4	4.000	14.575	-1.639	1.60e-12
DES	ENSG00000175084.11	0.190	2.725	-1.646	3.52e-34
CTC-505O3.2	ENSG00000248709.1	2.900	11.220	-1.648	1.94e-11
FAM163B	ENSG00000196990.8	0.090	2.415	-1.648	2.16e-47
CTB-79E8.3	ENSG00000253683.1	0.000	2.140	-1.651	3.13e-21
ITIH4-AS1	ENSG00000239799.1	0.580	3.970	-1.653	4.22e-33
ADGRG7	ENSG00000144820.7	0.720	4.425	-1.657	4.94e-46
PILRB	ENSG00000121716.18	7.600	26.129	-1.657	3.78e-11
C4A-AS1	ENSG00000233627.2	2.720	10.738	-1.658	2.36e-24
C4B-AS1	ENSG00000229776.1	2.720	10.738	-1.658	2.36e-24
PDXDC2P	ENSG00000196696.12	2.910	11.375	-1.662	3.44e-20
LINC01002	ENSG00000282508.1	3.890	14.567	-1.671	1.84e-11
IDO2	ENSG00000188676.13	0.110	2.540	-1.673	3.37e-33
F9	ENSG00000101981.10	42.659	138.457	-1.675	2.08e-23
LPAL2	ENSG00000213071.10	1.310	6.390	-1.678	4.47e-39
SLC28A1	ENSG00000156222.11	8.970	30.939	-1.680	7.70e-22
RP4-763G1.2	ENSG00000235200.1	5.400	19.574	-1.685	9.76e-20
CYP4A22	ENSG00000162365.11	23.290	77.329	-1.689	1.47e-19
H19	ENSG00000130600.15	98.988	321.895	-1.691	1.02e-2
AC009963.3	ENSG00000233494.1	12.750	43.499	-1.694	7.81e-18
ABCA8	ENSG00000141338.13	3.330	13.070	-1.700	4.52e-35
CSF3R	ENSG00000119535.17	1.430	6.905	-1.702	3.81e-27
NIPIB4	ENSG00000185864.16	4.310	16.340	-1.707	4.23e-13
PGA3	ENSG00000229859.8	0.060	2.469	-1.710	8.52e-49
GHR	ENSG00000112964.13	7.300	26.178	-1.711	1.09e-29
IGFBP3	ENSG00000146674.14	49.428	164.471	-1.714	1.52e-24
IGLV1-40	ENSG00000211653.2	1.330	6.649	-1.715	1.26e-3
MT1DP	ENSG00000205361.8	0.590	4.235	-1.719	2.76e-18
ORM1	ENSG00000229314.5	4.575.773	15.121.356	-1.724	3.35e-19
PAN2	ENSG00000135473.14	13.250	46.264	-1.730	5.37e-17
WDR72	ENSG00000166415.14	1.770	8.210	-1.733	1.72e-23
BHMT	ENSG00000145692.14	58.582	197.176	-1.734	1.51e-11
CTD-3080P12.3	ENSG00000249201.2	0.440	3.790	-1.734	1.40e-29
CYP2D7	ENSG00000205702.10	19.040	65.650	-1.734	1.53e-12
CAPN3	ENSG00000092529.22	3.250	13.150	-1.735	2.72e-26
MBL1P	ENSG00000242600.6	0.220	3.060	-1.735	3.31e-49
DEFA1B	ENSG00000240247.6	0.000	2.350	-1.744	8.92e-47
BBOX1	ENSG00000129151.8	2.690	11.375	-1.746	1.48e-11
DHODH	ENSG00000102967.11	14.040	49.561	-1.749	3.99e-44
MFAP4	ENSG00000166482.11	3.460	14.005	-1.750	2.29e-16

IGSF9	ENSG00000085552.16	1.640	7.910	-1.755	1.31e-18
GYS2	ENSG00000111713.2	7.640	28.294	-1.761	1.57e-25
MAMDC4	ENSG00000177943.13	2.660	11.405	-1.761	4.27e-16
MT-ATP8	ENSG00000228253.1	11.020.483	37.358.527	-1.761	1.62e-29
INMT	ENSG00000241644.2	1.570	7.730	-1.764	6.84e-36
C1QTNF1	ENSG00000173918.14	4.540	17.865	-1.768	5.91e-25
IFITM10	ENSG00000244242.1	1.820	8.635	-1.773	3.62e-14
PROZ	ENSG00000126231.13	8.740	32.433	-1.779	3.48e-29
PLAC8	ENSG00000145287.10	1.030	5.975	-1.781	4.43e-28
DEFA1	ENSG00000206047.2	0.090	2.755	-1.784	7.86e-44
CYP2C9	ENSG00000138109.9	134.596	470.368	-1.798	1.33e-17
AKR1D1	ENSG00000122787.14	10.960	40.685	-1.801	1.01e-11
TAT	ENSG00000198650.10	98.250	345.525	-1.804	4.06e-16
GBA3	ENSG00000249948.6	8.220	31.277	-1.808	1.37e-18
SRD5A2	ENSG00000277893.1	1.170	6.605	-1.809	1.59e-20
PLIN5	ENSG00000214456.8	18.750	68.379	-1.813	8.12e-20
RP11-419C5.2	ENSG00000226232.8	2.460	11.160	-1.813	2.07e-18
EPO	ENSG00000130427.2	0.190	3.185	-1.814	6.95e-16
PLIN1	ENSG00000166819.11	1.840	8.990	-1.815	7.43e-29
C11orf96	ENSG00000187479.5	6.790	26.472	-1.818	1.04e-24
FITM1	ENSG00000139914.6	1.310	7.180	-1.824	3.99e-55
ADH4	ENSG00000198099.8	154.032	549.147	-1.827	2.35e-13
SRPX	ENSG00000101955.14	0.840	5.530	-1.827	1.85e-35
AC099668.5	ENSG00000259970.1	2.330	10.819	-1.828	3.09e-21
ALPL	ENSG00000162551.13	10.670	40.580	-1.833	1.71e-26
ESR1	ENSG00000091831.21	0.530	4.470	-1.838	3.35e-35
DBH-AS1	ENSG00000225756.1	5.100	20.855	-1.841	1.48e-21
FOLH1B	ENSG00000134612.11	0.430	4.130	-1.843	2.53e-28
IL1RAP	ENSG00000196083.9	6.410	25.615	-1.845	5.13e-43
LINC00238	ENSG00000196553.13	0.190	3.295	-1.852	2.37e-34
CYP8B1	ENSG00000180432.5	34.489	127.326	-1.854	2.61e-21
CYR61	ENSG00000142871.15	14.110	53.815	-1.859	8.70e-30
FAM180A	ENSG00000189320.8	0.220	3.430	-1.860	4.66e-57
TMEM82	ENSG00000162460.6	5.080	21.110	-1.863	2.33e-21
FAM198A	ENSG00000144649.8	0.360	3.950	-1.864	4.73e-34
RP11-328K4.1	ENSG00000248740.5	3.020	13.645	-1.865	2.86e-17
RP11-231C14.4	ENSG00000169203.16	6.940	27.937	-1.866	3.68e-16
ADCY1	ENSG00000164742.14	0.400	4.115	-1.869	5.43e-29
ATOH8	ENSG00000168874.12	4.420	18.950	-1.880	2.47e-30
AGAP9	ENSG00000204172.11	2.160	10.750	-1.895	3.89e-19
S100A12	ENSG00000163221.8	0.190	3.425	-1.895	2.35e-62
SLC25A27	ENSG00000153291.15	2.230	11.030	-1.897	7.15e-23
AC006128.2	ENSG00000279716.1	1.150	7.035	-1.902	1.11e-20
KRT13	ENSG00000171401.14	0.000	2.740	-1.903	6.91e-36
NBPF8	ENSG00000270231.3	2.650	12.719	-1.910	1.69e-33
RP11-622A1.2	ENSG00000250436.1	5.560	23.667	-1.911	1.49e-28
LINC01595	ENSG00000259108.2	0.990	6.505	-1.915	1.21e-14
XAF1	ENSG00000132530.16	7.130	29.705	-1.917	1.11e-22
CES4A	ENSG00000172824.14	1.930	10.081	-1.919	1.34e-22
DIO3OS	ENSG00000258498.6	0.410	4.344	-1.922	2.75e-26

GSTM2	ENSG00000213366.12	4.740	20.760	-1.923	4.67e-22
RP11-132A1.6	ENSG00000278683.1	1.100	6.998	-1.929	2.20e-45
CTD-2619J13.5	ENSG00000279611.1	1.390	8.145	-1.936	1.05e-25
FCGR2B	ENSG00000072694.18	1.640	9.100	-1.936	7.25e-22
GREM2	ENSG00000180875.4	0.930	6.410	-1.941	4.38e-16
GLYAT	ENSG00000149124.10	35.370	138.764	-1.942	3.66e-18
NEAT1	ENSG00000245532.5	124.507	481.719	-1.943	1.13e-11
MAGI2-AS3	ENSG00000234456.7	1.530	8.760	-1.948	1.65e-24
NGFR	ENSG00000064300.8	1.250	7.695	-1.950	2.04e-36
S100A9	ENSG00000163220.10	11.290	46.889	-1.962	1.32e-14
SLC6A13	ENSG00000010379.15	2.290	11.890	-1.970	1.19e-28
FAM99B	ENSG00000205865.4	0.230	3.835	-1.975	1.97e-44
CTD-2537I9.12	ENSG00000267523.1	1.460	8.730	-1.984	1.04e-19
FAM13A	ENSG00000138640.14	3.100	15.240	-1.986	1.03e-33
IGLV2-14	ENSG00000211666.2	2.140	11.483	-1.991	2.77e-6
NFKBIZ	ENSG00000144802.11	3.850	18.334	-1.995	1.07e-34
AC068535.3	ENSG00000225765.1	1.620	9.540	-2.008	3.12e-22
TMEM27	ENSG00000147003.5	1.030	7.240	-2.021	5.51e-33
OR10J6P	ENSG00000158731.2	0.620	5.620	-2.031	6.99e-38
TNFSF14	ENSG00000125735.10	2.840	14.710	-2.032	5.52e-16
FAM83A-AS1	ENSG00000204949.8	0.450	4.950	-2.037	2.15e-8
FLJ22763	ENSG00000241224.6	0.760	6.250	-2.042	3.65e-27
RP11-326C3.2	ENSG00000255026.1	0.960	7.133	-2.053	1.31e-7
STAB2	ENSG00000136011.14	0.080	3.505	-2.060	1.98e-103
AC104809.2	ENSG00000223991.1	0.040	3.375	-2.073	1.11e-34
C3P1	ENSG00000167798.16	11.360	51.089	-2.075	5.67e-42
LPA	ENSG00000198670.11	1.210	8.365	-2.083	6.63e-44
HGF	ENSG00000019991.15	0.790	6.615	-2.089	6.68e-35
MME	ENSG00000196549.10	0.910	7.135	-2.091	2.01e-6
KCNN2	ENSG00000080709.14	0.250	4.350	-2.098	1.91e-53
HAND2	ENSG00000164107.8	0.400	5.020	-2.104	1.16e-45
GCKR	ENSG00000084734.8	22.119	98.499	-2.106	1.31e-37
C8orf4	ENSG00000176907.4	12.810	58.630	-2.110	1.62e-36
CYP39A1	ENSG00000146233.7	3.250	17.415	-2.115	3.87e-28
LRCOL1	ENSG00000204583.9	1.040	7.855	-2.118	2.13e-29
AVPR1A	ENSG00000166148.3	0.470	5.405	-2.123	1.46e-24
LINC01348	ENSG00000280587.1	1.200	8.645	-2.132	5.14e-42
OIT3	ENSG00000138315.12	2.660	15.075	-2.135	1.80e-52
LYVE1	ENSG00000133800.8	0.830	7.055	-2.138	1.12e-41
AADAT	ENSG00000109576.13	1.830	11.500	-2.143	8.81e-52
CYP2A6	ENSG00000255974.6	132.862	592.285	-2.148	3.83e-11
RP4-564F22.6	ENSG00000275285.1	0.540	5.865	-2.156	5.41e-43
PLIN4	ENSG00000167676.4	4.270	22.554	-2.160	1.51e-25
PLGLA	ENSG00000240935.6	4.320	22.950	-2.171	6.68e-46
RP3-342P20.2	ENSG00000228477.1	0.100	3.960	-2.173	5.87e-47
PRSS53	ENSG00000151006.7	0.230	4.550	-2.174	2.46e-52
DPT	ENSG00000143196.4	0.550	6.090	-2.194	5.77e-25
NP1PB5	ENSG00000243716.10	9.710	48.205	-2.200	8.53e-16
LCAT	ENSG00000213398.7	32.421	153.649	-2.210	2.18e-42
CYP26A1	ENSG00000095596.11	0.280	4.960	-2.219	5.10e-42

ADAMTS13	ENSG00000160323.18	2.320	14.475	-2.221	1.49e-97
LY6E	ENSG00000160932.10	54.530	259.294	-2.229	6.44e-29
ANGPTL6	ENSG00000130812.10	1.670	11.600	-2.238	1.35e-96
IGHA1	ENSG00000211895.4	21.080	103.500	-2.243	3.01e-16
PCK1	ENSG00000124253.10	84.799	405.426	-2.244	1.54e-23
CYP2B6	ENSG00000197408.8	15.260	76.219	-2.248	3.21e-25
ENO3	ENSG00000108515.17	11.360	58.100	-2.258	4.36e-29
SFRP5	ENSG00000120057.4	0.050	4.030	-2.260	1.01e-24
RDH16	ENSG00000139547.7	39.609	193.762	-2.262	4.68e-32
SAA2-SAA4	ENSG00000255071.3	2.750	17.052	-2.267	1.56e-11
CXCL12	ENSG00000107562.16	11.660	60.325	-2.276	7.53e-40
FOS	ENSG00000170345.9	15.560	80.208	-2.294	5.31e-30
RP11-6B4.1	ENSG00000243694.2	0.170	4.765	-2.301	2.21e-48
LINC01370	ENSG00000237767.1	0.530	6.555	-2.304	1.99e-14
INS-IGF2	ENSG00000129965.13	0.000	4.030	-2.331	9.78e-65
CYP2E1	ENSG00000130649.9	500.525	2.526.544	-2.333	3.98e-21
CFHR3	ENSG00000116785.13	33.541	174.664	-2.346	3.33e-15
AC005077.14	ENSG00000230882.1	0.520	6.740	-2.348	2.36e-51
MT1A	ENSG00000205362.10	15.190	81.693	-2.353	1.74e-18
PZP	ENSG00000126838.9	0.180	5.140	-2.379	1.20e-55
HEPN1	ENSG00000221932.6	0.210	5.295	-2.379	5.40e-9
GNAO1	ENSG00000087258.13	0.680	7.760	-2.382	4.76e-52
RP11-290F5.1	ENSG00000249096.6	3.190	20.870	-2.384	1.44e-36
ATF5	ENSG00000169136.8	145.946	767.753	-2.387	6.51e-30
MTND4P20	ENSG00000233377.1	4.000	25.358	-2.398	3.83e-27
DNASE1L3	ENSG00000163687.13	6.640	39.306	-2.399	3.21e-36
ECM1	ENSG00000143369.14	2.510	17.755	-2.418	1.30e-63
MT1JP	ENSG00000255986.6	0.050	4.620	-2.420	1.61e-49
OXT	ENSG00000101405.3	0.130	5.293	-2.477	6.22e-25
RP11-434D9.1	ENSG00000249364.5	1.320	11.964	-2.482	2.64e-30
MST1L	ENSG00000186715.10	10.360	64.444	-2.526	5.43e-21
CCL14	ENSG00000276409.4	7.250	46.812	-2.535	1.04e-34
SDS	ENSG00000135094.10	58.318	343.496	-2.538	1.03e-11
GDF2	ENSG00000263761.2	0.000	4.840	-2.546	1.40e-115
CYP2C19	ENSG00000165841.9	0.330	6.810	-2.554	3.42e-45
LINC00844	ENSG00000237949.1	5.590	37.984	-2.565	5.09e-17
CYP2C8	ENSG00000138115.13	85.017	509.168	-2.568	5.79e-27
CDHR2	ENSG00000074276.10	1.820	16.165	-2.606	1.02e-28
APOF	ENSG00000175336.9	17.701	113.668	-2.616	2.62e-38
CXCL2	ENSG00000081041.8	18.181	119.784	-2.655	1.51e-45
DCN	ENSG00000011465.16	14.870	101.289	-2.688	1.21e-29
FAM65C	ENSG00000042062.11	0.330	7.740	-2.716	8.69e-74
NNMT	ENSG00000166741.7	269.342	1.779.553	-2.719	8.31e-23
APOA4	ENSG00000110244.6	3.030	26.190	-2.754	1.79e-7
S100A8	ENSG00000143546.9	3.420	29.025	-2.764	1.36e-39
MST1P2	ENSG00000186301.8	9.950	74.230	-2.780	5.13e-30
CHRD	ENSG00000090539.15	9.550	72.098	-2.793	1.16e-30
KDM8	ENSG00000155666.11	5.660	45.724	-2.811	9.08e-45
HBA2	ENSG00000188536.12	22.150	162.612	-2.821	4.20e-38
MEG3	ENSG00000214548.14	2.210	22.203	-2.854	6.21e-17

MT1L	ENSG00000260549.1	5.340	45.263	-2.867	1.56e-33
C7	ENSG00000112936.18	5.880	49.485	-2.875	7.22e-31
DBH	ENSG00000123454.10	0.560	10.785	-2.917	5.04e-99
GLS2	ENSG00000135423.12	7.550	64.115	-2.929	2.16e-23
MOGAT2	ENSG00000166391.14	5.550	49.036	-2.933	1.71e-41
IGF2	ENSG00000167244.17	10.290	89.750	-3.007	3.53e-10
UROC1	ENSG00000159650.8	3.890	38.638	-3.019	9.88e-33
MT2P1	ENSG00000162840.4	0.000	7.110	-3.020	1.10e-64
VIPR1	ENSG00000114812.12	0.560	11.848	-3.042	4.67e-92
RNA5SP216	ENSG00000251920.1	0.000	7.302	-3.054	1.59e-19
PLA2G2A	ENSG00000188257.10	23.811	207.166	-3.069	5.77e-7
RP5-966M1.6	ENSG00000243696.4	6.860	66.160	-3.095	4.32e-35
NAT2	ENSG00000156006.4	2.280	27.324	-3.110	1.07e-60
SLC22A1	ENSG00000175003.12	56.102	495.588	-3.120	2.77e-29
ASPG	ENSG00000166183.15	7.770	75.475	-3.124	8.33e-41
MT2A	ENSG00000125148.6	261.977	2.324.572	-3.145	5.54e-41
HBA1	ENSG00000206172.8	10.000	98.975	-3.184	2.99e-47
MT1E	ENSG00000169715.14	86.228	797.532	-3.194	1.59e-32
HAO2	ENSG00000116882.14	11.130	111.712	-3.216	4.03e-33
CLEC1B	ENSG00000165682.14	0.030	8.658	-3.229	1.07e-97
BCO2	ENSG00000197580.11	2.420	31.444	-3.246	8.54e-76
HGFAC	ENSG00000109758.8	11.260	117.783	-3.276	5.22e-35
HSD17B13	ENSG00000170509.11	6.730	74.827	-3.294	2.68e-16
CHRNA4	ENSG00000101204.15	0.330	12.095	-3.300	9.74e-29
ADRA1A	ENSG00000120907.17	0.750	16.380	-3.312	2.62e-82
COLEC10	ENSG00000184374.2	0.390	12.865	-3.318	1.21e-96
HBB	ENSG00000244734.3	15.860	167.277	-3.319	2.55e-49
THRSP	ENSG00000151365.2	6.270	72.531	-3.338	4.00e-20
CYP2A7	ENSG00000198077.10	1.970	29.830	-3.376	7.48e-14
PTH1R	ENSG00000160801.13	1.320	23.575	-3.405	1.44e-102
GCGR	ENSG00000215644.9	4.470	57.661	-3.423	2.38e-39
SLCO1B3	ENSG00000111700.12	1.890	30.546	-3.448	4.57e-31
IGFALS	ENSG00000099769.5	2.830	40.840	-3.449	2.19e-47
MT1X	ENSG00000187193.8	145.290	1.597.997	-3.450	8.62e-43
C9	ENSG00000113600.10	23.051	263.854	-3.461	3.80e-35
CRP	ENSG00000132693.12	251.671	2.792.323	-3.467	1.62e-13
CRHBP	ENSG00000145708.10	0.560	16.829	-3.515	3.43e-75
CYP3A4	ENSG00000160868.14	31.139	386.278	-3.591	1.22e-16
CNDP1	ENSG00000150656.14	0.490	17.989	-3.672	1.82e-56
CXCL14	ENSG00000145824.12	0.190	14.215	-3.676	7.94e-78
TTC36	ENSG00000172425.10	4.000	63.260	-3.684	2.66e-42
SLC25A47	ENSG00000140107.10	13.850	213.567	-3.853	3.91e-45
MARCO	ENSG0000019169.10	0.390	19.300	-3.868	4.03e-61
SAA1	ENSG00000173432.10	287.157	4.468.423	-3.955	3.44e-23
LINC01093	ENSG00000249173.5	0.550	23.300	-3.971	3.78e-87
MFSD2A	ENSG00000168389.17	3.810	77.691	-4.032	5.52e-45
AC132217.4	ENSG00000240801.1	21.110	365.062	-4.049	3.36e-12
FAM99A	ENSG00000205866.3	1.100	37.310	-4.189	1.13e-52
CLEC4M	ENSG00000104938.16	0.020	18.949	-4.290	1.36e-146
FCN3	ENSG00000142748.12	2.320	67.300	-4.363	1.37e-68

CLEC4G	ENSG00000182566.12	0.120	23.634	-4.459	5.34e-114
SAA2	ENSG00000134339.8	105.360	2.489.516	-4.549	4.99e-25
MT1F	ENSG00000198417.6	7.000	191.386	-4.588	6.81e-49
FCN2	ENSG00000160339.15	0.280	30.658	-4.628	2.54e-103
LINC01554	ENSG00000236882.7	1.420	69.249	-4.859	4.99e-26
CYP1A2	ENSG00000140505.6	0.480	44.130	-4.930	3.50e-37
GSTM1	ENSG00000134184.12	1.280	70.601	-4.973	2.84e-3
MT1M	ENSG00000205364.3	1.780	112.018	-5.345	8.93e-60
MT1G	ENSG00000125144.13	40.209	2.587.601	-5.973	3.31e-51
HAMP	ENSG00000105697.7	6.750	669.968	-6.436	3.63e-66
MT1H	ENSG00000205358.3	2.160	332.670	-6.722	2.39e-61

ntrol tissue (GTEx).

Log 2FC 0.5
q value 0,05