

Table S3. Differentially expressed genes in LSK cells from 6-wk-old *Mx1-cre Asxl1^{fl/fl}* (A), *Mx1-cre Tet2^{fl/fl}* (T), and *Mx1-cre Asxl1^{fl/fl} Tet2^{fl/fl}* (D)

Sample	Chr	Genes	Fold change	log2 fold change	P-value	Adj. p- value	Type
A	chr10	<i>EIF3A</i>	1.601223125	0.679174357	0.00447755	0.030799497	Up
A	chr11	<i>ETS1</i>	0.549026988	-0.865051025	0.00134372	0.013491987	Down
A	chr14	<i>ARHGEF40</i>	0.502284364	-0.993423731	0.001859402	0.016854328	Down
A	chr8	<i>MTDH</i>	1.560004862	0.641550526	0.007714403	0.044674403	Up
A	chr12	<i>PXN</i>	0.333756534	-1.583132016	8.94E-09	2.01E-06	Down
A	chr19	<i>PPP2R1A</i>	0.620428821	-0.688662389	0.003647348	0.026717553	Down
A	chr12	<i>PIP4K2C</i>	0.5006348	-0.998169515	0.001559275	0.014954607	Down
A	chr7	<i>C7orf23</i>	0.355844026	-1.490683079	0.000227659	0.003849264	Down
A	chr12	<i>CACNA1C</i>	0.10695343	-3.224945349	0.004993909	0.033105891	Down
A	chr19	<i>RAB11B</i>	0.402783171	-1.311924688	0.000569445	0.00748576	Down
A	chr7	<i>TMEM178B</i>	0.108178131	-3.208519221	0.006328853	0.038875536	Down
A	chr5	<i>CAMK2A</i>	0.376411724	-1.409616529	0.00066373	0.00825898	Down
A	chr12	<i>FOXJ2</i>	0.33464104	-1.579313708	8.92E-05	0.00199952	Down
A	chr1	<i>MAP7D1</i>	0.258838712	-1.949874693	2.74E-09	7.00E-07	Down
A	chr4	<i>G3BP2</i>	1.587752146	0.66698572	0.006364102	0.039018613	Up
A	chr3	<i>PLCL2</i>	1.629376953	0.704320407	0.006761325	0.040632818	Up
A	chr16	<i>GSG1L</i>	0.03555592	-4.81376639	0.004976471	0.033040632	Down
A	chr7	<i>SNORA9</i>	0.291920675	-1.776351704	3.58E-11	1.73E-08	Down
A	chr8	<i>ELP3</i>	1.757397044	0.813440173	0.005097697	0.033549428	Up
A	chr7	<i>TFEC</i>	3.644867882	1.865866521	0.00500331	0.033134552	Up
A	chr2	<i>CEBPZ</i>	2.177188279	1.122466175	4.56E-05	0.001228943	Up
A	chr16	<i>SLC7A5</i>	0.378421923	-1.401932425	0.000149131	0.002845913	Down
A	chr8	<i>NACAP1</i>	2.606400868	1.382058989	0.000164388	0.003056631	Up
A	chr20	<i>KIF16B</i>	1.68637129	0.753922211	0.006760776	0.040632818	Up
A	chr3	<i>RBM6</i>	2.014269143	1.010256466	4.84E-05	0.001272452	Up
A	chr19	<i>GYS1</i>	0.460883157	-1.117527048	0.004408785	0.030480863	Down
A	chr5	<i>DBN1</i>	0.265546522	-1.912963459	0.005204129	0.033900009	Down
A	chr22	<i>ELFN2</i>	0.076721785	-3.704219898	0.002193308	0.018897192	Down
A	chr12	<i>SMARCC2</i>	0.573700358	-0.801630676	0.004090266	0.029016437	Down
A	chr15	<i>ANXA2</i>	3.697104818	1.886395946	0.008360873	0.047261686	Up
A	chr10	<i>ATP5C1</i>	1.941045238	0.956833742	0.003373881	0.025426831	Up
A	chr17	<i>LIMD2</i>	0.592117557	-0.756044462	0.00462491	0.031507802	Down
A	chr12	<i>TRPV4</i>	0.121596099	-3.039831145	1.00E-04	0.002157089	Down
A	chr6	<i>PNISR</i>	1.820539636	0.864366151	0.000438885	0.006225518	Up
A	chr14	<i>FBXO33</i>	2.068872791	1.048844941	0.000189476	0.003396954	Up
A	chr3	<i>THRB</i>	Inf	Inf	0.004236854	0.029733147	Up
A	chr10	<i>ATAD1</i>	1.975050758	0.981889731	0.000968786	0.010743614	Up
A	chr1	<i>PKN2</i>	1.615454044	0.69193971	0.006410212	0.039154185	Up
A	chr3	<i>GMPS</i>	1.875790568	0.90749876	0.001393057	0.013796338	Up
A	chr12	<i>SMARCD1</i>	0.485214203	-1.043306313	0.006529481	0.039715429	Down
A	chr7	<i>DMTF1</i>	1.674065471	0.743355951	0.004607803	0.03145693	Up

A	chr17	<i>EPN3</i>	0.024411477	-5.356296595	0.001389453	0.013771093	Down
A	chr3	<i>HPS3</i>	2.003930996	1.002832831	0.00596201	0.037146595	Up
A	chr19	<i>SLC35E1</i>	0.475565494	-1.072284055	0.009027558	0.049909663	Down
A	chr2	<i>SLC5A7</i>	0	#NAME?	0.004020022	0.028580256	Down
A	chr19	<i>MFSD12</i>	0.238125913	-2.070203471	0.000891802	0.010166547	Down
A	chr8	<i>PABPC1</i>	0.551928388	-0.857447004	0.009042402	0.049949419	Down
A	chr8	<i>NBN</i>	5.099653401	2.350399197	4.85E-06	0.000231977	Up
A	chr12	<i>CORO1C</i>	0.546124525	-0.872698148	0.000857624	0.009925418	Down
A	chr9	<i>ADAMTSL1</i>	0	#NAME?	0.000208165	0.003598908	Down
A	chr10	<i>FAM213A</i>	4.810657148	2.266233983	0.005791659	0.036521027	Up
A	chr14	<i>CIDEB</i>	0.068458322	-3.868630267	0.000643451	0.008107109	Down
A	chr7	<i>SLC4A2</i>	0.50341143	-0.990190121	0.000862481	0.009963231	Down
A	chr7	<i>C7orf43</i>	0.591494546	-0.75756323	0.005418022	0.034855321	Down
A	chr19	<i>TGFB1</i>	0.125674012	-2.992241751	3.31E-15	3.32E-12	Down
A	chr16	<i>SHCBP1</i>	3.373398822	1.754202892	0.003986996	0.028453945	Up
A	chr6	<i>NOL7</i>	3.052846022	1.610154826	9.48E-05	0.002076376	Up
A	chr5	<i>IPO11</i>	1.956235933	0.968080378	0.000236385	0.003955819	Up
A	chr5	<i>GNPDA1</i>	0.469189731	-1.091756658	0.005886524	0.03686637	Down
A	chr15	<i>CTSH</i>	8.740643432	3.127739486	0.00016933	0.003110782	Up
A	chr11	<i>TAF6L</i>	0.422088972	-1.244380959	0.002786258	0.02216139	Down
A	chr12	<i>BTBD11</i>	0.243157222	-2.040038651	7.95E-05	0.001852385	Down
A	chr12	<i>YAF2</i>	2.976403478	1.57357011	0.000287303	0.004545661	Up
A	chr7	<i>CDK13</i>	1.602224953	0.680076717	0.005078654	0.033497557	Up
A	chr15	<i>HDGFRP3</i>	2.312017271	1.209152175	0.001774387	0.016264797	Up
A	chr3	<i>RSRC1</i>	2.613219668	1.385828403	0.001275335	0.013035979	Up
A	chr19	<i>RPL28</i>	0.596241501	-0.746031299	0.000970407	0.010743614	Down
A	chr19	<i>PDE4A</i>	0.333064688	-1.58612569	0.000707331	0.008636851	Down
A	chr16	<i>RPL13</i>	0.569932839	-0.811136174	0.005247648	0.034129319	Down
A	chr9	<i>ZNF484</i>	4.037905519	2.013607154	0.002744984	0.021930886	Up
A	chr8	<i>OTUD6B</i>	3.544781832	1.825696838	0.000799123	0.009448323	Up
A	chr20	<i>SNORA71D</i>	0.058207749	-4.102644974	8.41E-05	0.001930202	Down
A	chr10	<i>POLL</i>	0.45951912	-1.121803204	0.005927832	0.037039729	Down
A	chr3	<i>NUP210</i>	0.516052455	-0.954410378	0.000194442	0.003443062	Down
A	chr13	<i>SUGT1</i>	2.182775817	1.126163965	0.000950273	0.010601638	Up
A	chr18	<i>LOXHD1</i>	0.025858851	-5.273198008	0.001286422	0.013092836	Down
A	chr12	<i>BRI3BP</i>	0.522973608	-0.935189952	0.005500112	0.035192081	Down
A	chr8	<i>GRINA</i>	0.399754227	-1.322814807	1.06E-05	0.000410683	Down
A	chr6	<i>PHF1</i>	0.330809227	-1.59592862	5.43E-06	0.0002514	Down
A	chr17	<i>RPL23</i>	1.922401527	0.942909699	0.001868404	0.016889386	Up
A	chr2	<i>SAP130</i>	0.368755961	-1.439261723	4.97E-05	0.001295503	Down
A	chr1	<i>H6PD</i>	0.412530203	-1.277428347	0.000168297	0.003107191	Down
A	chr12	<i>FOXM1</i>	0.513228845	-0.962325837	0.005958244	0.037140858	Down
A	chr22	<i>ZDHHC8</i>	0.352394939	-1.504734889	0.000593773	0.007693406	Down
A	chr1	<i>TTF2</i>	2.072533198	1.051395211	0.008490764	0.047709831	Up

A	chr12	<i>PPP1R12A</i>	1.948248134	0.962177434	9.67E-05	0.002111407	Up
A	chr4	<i>IL15</i>	12.75023529	3.672451965	4.17E-05	0.001164203	Up
A	chr12	<i>ORAI1</i>	0.240893467	-2.053532824	5.16E-06	0.000242061	Down
A	chr8	<i>INTS9</i>	0.479434268	-1.060595064	0.000205602	0.00356878	Down
A	chr14	<i>RIN3</i>	0.192758143	-2.375136285	5.51E-05	0.001403054	Down
A	chr11	<i>DPAGT1</i>	0.39625037	-1.335515814	5.43E-05	0.001389611	Down
A	chr13	<i>TPP2</i>	1.747479581	0.805275598	0.001247733	0.012864659	Up
A	chr6	<i>CUTA</i>	0.302543375	-1.724786103	0.00069529	0.008513715	Down
A	chr5	<i>TCF7</i>	0.120069838	-3.058054305	7.13E-09	1.66E-06	Down
A	chr1	<i>SNORD21</i>	0.242404127	-2.044513833	4.62E-06	0.000224369	Down
A	chr1	<i>PTGER3</i>	Inf	Inf	0.004711279	0.031830394	Up
A	chr1	<i>GRIK3</i>	0.047407894	-4.39872889	0.000195597	0.003443799	Down
A	chr19	<i>LIPE</i>	0.489536374	-1.030512034	0.008426947	0.047514876	Down
A	chr17	<i>IGFBP4</i>	0.231607631	-2.110245308	1.00E-14	9.32E-12	Down
A	chr19	<i>NKPD1</i>	0.07585263	-3.720656985	0.001332793	0.013402891	Down
A	chr7	<i>INTS1</i>	0.3834847	-1.382759074	8.53E-06	0.000352339	Down
A	chr1	<i>LRRC47</i>	0.402259049	-1.31380322	0.007547932	0.044003197	Down
A	chr7	<i>C7orf60</i>	1.858123005	0.89384601	0.003445134	0.025755636	Up
A	chr7	<i>C7orf63</i>	0	#NAME?	0.000319282	0.004885806	Down
A	chr2	<i>PCBP1</i>	0.394709366	-1.341137341	2.95E-08	4.88E-06	Down
A	chr19	<i>UBA52</i>	0.39731229	-1.331654675	2.53E-08	4.34E-06	Down
A	chr12	<i>BAZ2A</i>	0.401694604	-1.315829014	0.000284507	0.004517848	Down
A	chr3	<i>WDR6</i>	0.565579037	-0.822199448	0.006253387	0.038557136	Down
A	chr12	<i>GLTP</i>	0.322964192	-1.630553878	0.000178415	0.003240729	Down
A	chr3	<i>EOMES</i>	0.024411477	-5.356296595	0.000502944	0.006867079	Down
A	chr18	<i>RBBP8</i>	2.326348256	1.218067085	0.00024313	0.004037623	Up
A	chr4	<i>GK2</i>	8.278683055	3.049401287	0.002641702	0.021442256	Up
A	chr11	<i>PLA2G16</i>	2.88279379	1.527467643	0.000183516	0.00329496	Up
A	chr13	<i>SLC7A1</i>	0.506215141	-0.982177436	0.007343547	0.043081663	Down
A	chr19	<i>SLC27A1</i>	0.313704006	-1.672524143	7.64E-05	0.001803195	Down
A	chr19	<i>UBA2</i>	1.915957551	0.938065598	0.005588698	0.035602377	Up
A	chr2	<i>CNPPD1</i>	0.540254444	-0.888289061	0.00500258	0.033134552	Down
A	chr19	<i>DPP9</i>	0.36308312	-1.461628236	1.48E-05	0.000526067	Down
A	chr8	<i>EPPK1</i>	0.31558917	-1.663880398	0.001112441	0.011805436	Down
A	chr2	<i>IFIH1</i>	1.86259183	0.897311556	0.004829808	0.032413103	Up
A	chr1	<i>ZMYM6</i>	2.115370159	1.080910136	0.002290791	0.019454587	Up
A	chr12	<i>MDM2</i>	2.423239828	1.276937195	0.000611071	0.007850699	Up
A	chr1	<i>LRRC52</i>	0	#NAME?	0.00082515	0.009684656	Down
A	chrX	<i>SNORA69</i>	0.143454717	-2.801332692	0.000214829	0.003675285	Down
A	chr3	<i>IQCB1</i>	3.230639579	1.691819808	5.53E-05	0.001403862	Up
A	chr1	<i>IPO13</i>	0.397218677	-1.331994636	0.0001987	0.003476725	Down
A	chr16	<i>RPL3L</i>	0.022377187	-5.481827477	0.000432596	0.006152209	Down
A	chr3	<i>TMEM115</i>	0.332998779	-1.586411207	2.26E-05	0.000716304	Down
A	chr10	<i>PRKG1</i>	1.965194078	0.974671797	0.002617207	0.021298259	Up

A	chrX	<i>EFNB1</i>	0.366172553	-1.449404438	0.006596074	0.040021924	Down
A	chr19	<i>ZNF507</i>	2.382907573	1.252722994	0.00082202	0.009666511	Up
A	chr1	<i>RNPC3</i>	2.202010395	1.13882128	0.004399152	0.03044652	Up
A	chr4	<i>SLC4A4</i>	0.076129179	-3.715406661	5.34E-05	0.00136893	Down
A	chr10	<i>WAPAL</i>	2.010314395	1.007421144	2.84E-05	0.000865303	Up
A	chr16	<i>RNF166</i>	0.406814082	-1.297558474	0.000296742	0.004661106	Down
A	chr15	<i>MEIS2</i>	0.029425589	-5.086784884	1.22E-07	1.50E-05	Down
A	chr5	<i>CDK7</i>	3.032687206	1.600596705	0.000112482	0.002330763	Up
A	chr19	<i>GTF2F1</i>	2.432128623	1.282219527	0.00024358	0.004039965	Up
A	chr1	<i>RPS6KA1</i>	0.539173403	-0.891178764	0.000129611	0.002575057	Down
A	chr3	<i>ACAA1</i>	0.370880352	-1.430974255	4.71E-05	0.001252313	Down
A	chr3	<i>CHMP2B</i>	2.67285522	1.418381694	0.000103231	0.002205354	Up
A	chr22	<i>MED15</i>	0.352062895	-1.506094912	7.61E-05	0.001803113	Down
A	chr10	<i>TCTN3</i>	0.363391064	-1.460405153	0.008695779	0.048548332	Down
A	chr7	<i>GPC2</i>	0.314943824	-1.666833572	0.003447559	0.025759006	Down
A	chr3	<i>ZNF445</i>	2.022692722	1.016277169	0.00114851	0.012072143	Up
A	chr2	<i>SLC39A10</i>	2.035961841	1.025710522	0.000366449	0.005460338	Up
A	chr6	<i>ANKS1A</i>	0.593695799	-0.752204191	0.002804325	0.022238668	Down
A	chr10	<i>PSD</i>	0.21786008	-2.198526227	0.003769588	0.027381431	Down
A	chr12	<i>DNM1L</i>	2.248390304	1.168892498	5.98E-06	0.000266834	Up
A	chr6	<i>LTB</i>	0.210682003	-2.246861014	0.001621216	0.015412774	Down
A	chr14	<i>PCK2</i>	0.579752425	-0.786491146	0.001296882	0.013146525	Down
A	chr9	<i>RPS6</i>	1.798550482	0.846834654	0.000912534	0.010312821	Up
A	chr9	<i>ATP8B5P</i>	2.131720386	1.092018215	0.004600574	0.031424016	Up
A	chr3	<i>PLXND1</i>	0.442376101	-1.176654647	0.000112685	0.002331034	Down
A	chr5	<i>ZNF300</i>	Inf	Inf	0.007300856	0.042958283	Up
A	chr10	<i>DUSP5</i>	0.404497328	-1.305797924	0.004826776	0.032409416	Down
A	chr6	<i>PHIP</i>	2.209514311	1.143729275	2.28E-06	0.000131231	Up
A	chr12	<i>WBP11</i>	0.492702938	-1.021210019	0.000954582	0.010613425	Down
A	chr14	<i>FKBP3</i>	2.024064442	1.017255223	0.001330037	0.013385486	Up
A	chr13	<i>UTP14C</i>	4.814585345	2.267411552	9.72E-07	7.08E-05	Up
A	chrX	<i>ZDHC9</i>	0.464315516	-1.106822603	0.005558128	0.035462012	Down
A	chr5	<i>REEP5</i>	0.403986944	-1.307619427	1.63E-05	0.000564801	Down
A	chr5	<i>TIFAB</i>	0.185391421	-2.431353607	2.02E-08	3.76E-06	Down
A	chr5	<i>NPM1</i>	5.873855975	2.554307892	2.23E-05	0.000710384	Up
A	chr8	<i>COP5</i>	2.020955857	1.01503781	0.00630324	0.03879123	Up
A	chr12	<i>HIST4H4</i>	0.048519727	-4.365284756	1.89E-06	0.000114758	Down
A	chr13	<i>CDK8</i>	1.863625265	0.898111794	0.003522244	0.026092993	Up
A	chr10	<i>LZTS2</i>	0.470957405	-1.086331511	0.004526365	0.030998236	Down
A	chr11	<i>PRKRIR</i>	5.597770365	2.484852305	4.11E-06	0.000204912	Up
A	chr19	<i>ZNF526</i>	0.188985047	-2.403656007	5.62E-10	1.88E-07	Down
A	chr19	<i>ZNF527</i>	2.329374679	1.219942715	0.002478193	0.020473324	Up
A	chr13	<i>NDFIP2</i>	3.281436374	1.71432746	0.003935188	0.02816119	Up
A	chr6	<i>DEK</i>	2.192701304	1.132709297	0.002164922	0.018789048	Up

A	chr9	ZDHH12	0.069121701	-3.85471746	0.000388529	0.005691882	Down
A	chr3	IRAK2	0.239038865	-2.064682895	0.003254984	0.024788394	Down
A	chr10	WBP1L	0.482759948	-1.050622106	0.005917358	0.037009714	Down
A	chr8	PCMTD1	1.809235737	0.855380399	0.005558514	0.035462012	Up
A	chr9	FAM102A	0.347598646	-1.524505631	0.002276804	0.019360996	Down
A	chr17	ENTHD2	0.164299972	-2.605595861	0.004511294	0.03092748	Down
A	chr13	TPT1	0.628872417	-0.669160736	0.002938229	0.022979411	Down
A	chr17	BAHCC1	0.261400168	-1.935668028	7.84E-09	1.79E-06	Down
A	chr2	FZD7	0.346989228	-1.527037218	0.000568985	0.00748576	Down
A	chr1	RNPEP	0.52310183	-0.934836279	0.000265022	0.004281352	Down
A	chr10	SFR1	5.59801671	2.484915793	0.007343653	0.043081663	Up
A	chr3	IP6K1	0.599801786	-0.737442277	0.00285203	0.02245329	Down
A	chr6	EHMT2	0.523604312	-0.933451116	0.000106662	0.002245584	Down
A	chr2	MRPL19	3.777768504	1.917534298	0.001121816	0.011885604	Up
A	chr4	PLRG1	1.67386486	0.743183056	0.008675427	0.048535612	Up
A	chr19	PRR12	0.130511537	-2.937750753	3.19E-05	0.000940052	Down
A	chr16	THUMPD1	2.065425323	1.0464389	0.003149558	0.024156689	Up
A	chr6	RUNX2	0.44220212	-1.177222152	0.002763424	0.022007912	Down
A	chr12	ATP6V0A2	0.513595119	-0.961296602	0.008232547	0.046830043	Down
A	chr1	RNF2	1.948774077	0.962566847	0.000684732	0.008439857	Up
A	chr2	ADAM17	2.054686815	1.038918508	0.004637136	0.031538137	Up
A	chr3	H1FX	0.101736189	-3.297095135	7.97E-07	5.98E-05	Down
A	chr1	LRRC8C	0.456448655	-1.131475512	0.001993036	0.017697345	Down
A	chr17	JUP	0.275051295	-1.862227398	2.56E-05	0.000791433	Down
A	chr17	FAM134C	0.442382971	-1.176632244	4.08E-05	0.001149943	Down
A	chr11	ZNF143	2.641878309	1.401564014	0.000108397	0.002267483	Up
A	chr17	GAA	0.365171253	-1.453354898	0.001263734	0.012962241	Down
A	chr11	NRGN	0.217114402	-2.203472665	1.35E-06	9.18E-05	Down
A	chr4	LAP3	2.426419955	1.278829268	0.003693198	0.026916423	Up
A	chr7	LRCH4	0.263431986	-1.924497567	4.93E-12	3.06E-09	Down
A	chr1	SNORD76	Inf	Inf	0.001620477	0.015412774	Up
A	chr14	LRP10	0.284149238	-1.815279249	8.48E-11	3.57E-08	Down
A	chr4	COPS4	1.744349353	0.802689008	0.007193221	0.042524054	Up
A	chr5	DAP	0.305880802	-1.708958532	0.001618041	0.015412774	Down
A	chrX	ZXDB	0.206038345	-2.27901524	0.001499799	0.014555297	Down
A	chr2	TNS1	0.294107997	-1.765582081	0.002500381	0.020604465	Down
A	chr12	CAPRIN2	2.403042317	1.264862054	0.007573565	0.044132923	Up
A	chr19	ZNF544	3.103680881	1.633980228	0.008614567	0.048260059	Up
A	chr14	KIAA0247	0.449390326	-1.153959027	0.002365333	0.019804166	Down
A	chr2	EML4	1.751698962	0.808754862	0.001432294	0.01403584	Up
A	chr19	MBOAT7	0.314098593	-1.670710617	2.47E-07	2.56E-05	Down
A	chr2	EML6	2.33564505	1.223821043	0.001101978	0.011751735	Up
A	chr7	TSC22D4	0.303400666	-1.720703845	9.96E-10	2.95E-07	Down
A	chr10	SUFU	0.36271674	-1.463084765	0.003359152	0.025330451	Down

A	chr16	<i>SH2B1</i>	0.329737512	-1.600610074	1.60E-08	3.11E-06	Down
A	chr11	<i>CARNS1</i>	0.272879986	-1.873661508	0.000644221	0.00810899	Down
A	chr19	<i>LSM4</i>	0.444513099	-1.169702162	0.002177925	0.018847466	Down
A	chr15	<i>VPS18</i>	0.363115085	-1.461501231	1.38E-06	9.18E-05	Down
A	chr3	<i>ARL6</i>	9.774507504	3.289024013	4.30E-05	0.001184956	Up
A	chr11	<i>DYNC2H1</i>	1.912678827	0.93559464	0.000758004	0.009093959	Up
A	chr17	<i>NFE2L1</i>	0.575143093	-0.798007159	0.003898316	0.027943283	Down
A	chr1	<i>CPT2</i>	0.493050364	-1.020193072	0.003226368	0.024599168	Down
A	chr2	<i>MRPL35</i>	Inf	Inf	0.002029194	0.01790877	Up
A	chr1	<i>SNORD81</i>	4.992683616	2.319815487	0.005130993	0.033649857	Up
A	chr13	<i>RNF17</i>	13.69697137	3.775785019	0.004249581	0.029772312	Up
A	chr10	<i>CCDC6</i>	0.497445084	-1.007390828	0.002583714	0.021104644	Down
A	chr9	<i>ABCA2</i>	0.471135321	-1.0857866	0.004443723	0.030641266	Down
A	chr9	<i>GKAP1</i>	23.1452861	4.532646491	3.99E-09	9.81E-07	Up
A	chr19	<i>MIDN</i>	0.125675821	-2.992220984	1.65E-06	0.000104536	Down
A	chr19	<i>ZNF556</i>	9.479090616	3.24474866	0.000761166	0.009115132	Up
A	chr19	<i>ZNF558</i>	4.155262642	2.054939668	0.003843369	0.027708451	Up
A	chr17	<i>PFAFH1B1</i>	1.79398403	0.843167047	0.000504053	0.00687248	Up
A	chr2	<i>ODC1</i>	1.790716072	0.840536608	0.003838343	0.027695902	Up
A	chr12	<i>RNF10</i>	0.369732337	-1.435446867	0.000731241	0.008857951	Down
A	chr19	<i>CRTC1</i>	0.266112454	-1.909892066	0.006686194	0.040330358	Down
A	chr1	<i>IVNS1ABP</i>	1.560329958	0.641851143	0.006113018	0.03796062	Up
A	chr14	<i>CTAGE5</i>	2.240472364	1.163802931	0.006293183	0.038747601	Up
A	chr11	<i>MALAT1</i>	1.778406213	0.830584894	0.003801989	0.02751309	Up
A	chr15	<i>KATNBL1</i>	3.879924871	1.956028717	0.000195439	0.003443799	Up
A	chr1	<i>RUNX3</i>	0.166625223	-2.585321293	6.17E-07	4.97E-05	Down
A	chr10	<i>HELLS</i>	2.153380824	1.106603481	0.001065951	0.011478232	Up
A	chr11	<i>RDX</i>	1.878106404	0.909278801	0.00119401	0.012408771	Up
A	chr18	<i>VPS4B</i>	1.94014132	0.956161742	0.0006412	0.008094376	Up
A	chr5	<i>EBF1</i>	0.303069344	-1.722280167	0.002172978	0.018833916	Down
A	chr1	<i>PHC2</i>	0.394052668	-1.343539624	2.39E-05	0.000749168	Down
A	chr7	<i>FLJ40852</i>	0.026169405	-5.255975043	2.62E-08	4.44E-06	Down
A	chr16	<i>VPS35</i>	2.12578577	1.087996214	0.000168866	0.003108893	Up
A	chr1	<i>ARHGAP29</i>	7.295591294	2.867024911	0.000158336	0.002965223	Up
A	chr14	<i>RNF31</i>	0.418767172	-1.255779745	3.68E-05	0.00106103	Down
A	chr7	<i>MPP6</i>	2.105767669	1.074346271	5.76E-05	0.001453498	Up
A	chr5	<i>RASGRF2</i>	0.103682552	-3.26975496	0.002314795	0.019526298	Down
A	chr4	<i>KIAA1239</i>	0	#NAME?	6.82E-05	0.001668239	Down
A	chr1	<i>JUN</i>	0.415473777	-1.267170672	0.000530961	0.007130282	Down
A	chr9	<i>STRBP</i>	1.685325865	0.75302757	0.002156575	0.018740352	Up
A	chr2	<i>SEMA4C</i>	0.357378407	-1.484475628	0.002671543	0.021605735	Down
A	chr19	<i>ZNF569</i>	3.124419351	1.643588101	0.000181753	0.003276418	Up
A	chr15	<i>SLC30A4</i>	2.658111433	1.410401586	0.001104124	0.011755411	Up
A	chr3	<i>PSMD6</i>	2.128163205	1.089608793	0.001834681	0.016723527	Up

A	chr2	<i>LBH</i>	0.401775427	-1.315538764	0.005662595	0.035932841	Down
A	chr14	<i>VRK1</i>	2.010697868	1.007696315	0.002182214	0.01886387	Up
A	chr3	<i>MECOM</i>	2.457778248	1.297354755	9.72E-07	7.08E-05	Up
A	chr4	<i>FAM92A1P2</i>	2.73658983	1.452379215	0.006603515	0.040021924	Up
A	chr7	<i>ABCB5</i>	0	#NAME?	0.001286915	0.013092836	Down
A	chr20	<i>XRN2</i>	1.657330084	0.728860968	0.002537632	0.02084563	Up
A	chr17	<i>POLR2A</i>	0.399787214	-1.322695761	0.008229056	0.046830043	Down
A	chr16	<i>PIEZO1</i>	0.314564432	-1.66857254	0.000234194	0.003934648	Down
A	chr6	<i>DDAH2</i>	0.335208188	-1.576870704	0.000688316	0.008471932	Down
A	chr15	<i>SERF2</i>	0.483067483	-1.049703351	8.39E-06	0.000348581	Down
A	chr11	<i>RNF26</i>	0.247863049	-2.012384879	0.00149075	0.014499824	Down
A	chr19	<i>ZNF571</i>	2.864990882	1.518530548	0.00155508	0.014925338	Up
A	chr19	<i>ZNF574</i>	0.310762029	-1.686117856	7.76E-07	5.86E-05	Down
A	chr12	<i>SH2B3</i>	0.434191953	-1.203595106	0.00130325	0.013176854	Down
A	chr19	<i>ZNF579</i>	0.267974712	-1.899831232	0.00505346	0.033398891	Down
A	chr3	<i>LRRFIP2</i>	2.164105982	1.113771153	0.00041178	0.005926098	Up
A	chr1	<i>LOC100130331</i>	0.401129546	-1.317859861	7.31E-06	0.000314826	Down
A	chr17	<i>FAM171A2</i>	0.155296514	-2.686902647	8.23E-06	0.000343356	Down
A	chr19	<i>GPI</i>	0.638064729	-0.648225307	0.005050664	0.033397323	Down
A	chr6	<i>PPP1R10</i>	0.575050613	-0.798239156	0.001261374	0.012962241	Down
A	chr10	<i>FBXW4</i>	0.528776371	-0.919270384	0.004859157	0.032526451	Down
A	chr6	<i>PPP1R18</i>	0.313312297	-1.6743267	2.81E-07	2.79E-05	Down
A	chr3	<i>RPL22L1</i>	1.781356044	0.8329759	0.004798773	0.032321151	Up
A	chr10	<i>TM9SF3</i>	2.006113145	1.004402976	0.000483966	0.006656699	Up
A	chr7	<i>EPHB6</i>	0.345373458	-1.53377088	0.004263954	0.029793804	Down
A	chr1	<i>HIST3H2A</i>	0.188647459	-2.406235427	2.91E-07	2.83E-05	Down
A	chr7	<i>FIGNL1</i>	3.060321694	1.613683314	4.81E-05	0.001272235	Up
A	chr1	<i>VCAM1</i>	5.999985271	2.584958959	6.30E-09	1.49E-06	Up
A	chr1	<i>NOL9</i>	0.192572353	-2.3765275	0.004375014	0.030343817	Down
A	chr8	<i>PHF20L1</i>	2.368367865	1.243893184	7.24E-07	5.56E-05	Up
A	chr21	<i>USP16</i>	2.05972757	1.042453532	0.001101913	0.011751735	Up
A	chr1	<i>SLC39A1</i>	0.509926251	-0.971639484	0.002303573	0.019497038	Down
A	chr11	<i>SCYL1</i>	0.506603771	-0.981070278	0.000949998	0.010601638	Down
A	chr6	<i>ARHGAP18</i>	1.905614559	0.930256341	0.001123204	0.011890661	Up
A	chr15	<i>CLN6</i>	0.33246248	-1.588736559	1.85E-05	0.000619977	Down
A	chr20	<i>CRNKL1</i>	1.822915231	0.866247475	0.002839138	0.022396643	Up
A	chr1	<i>SF3A3</i>	2.324838768	1.217130666	7.23E-05	0.001737558	Up
A	chr5	<i>MCTP1</i>	2.604168175	1.38082262	2.82E-07	2.79E-05	Up
A	chr6	<i>TXNDC5</i>	0	#NAME?	0.005021074	0.033235337	Down
A	chr17	<i>BLMH</i>	1.796462615	0.845158913	0.001626739	0.015433399	Up
A	chr2	<i>CCDC142</i>	0.211899355	-2.2385489	0.005449101	0.034961686	Down
A	chr1	<i>VAMP4</i>	2.07110967	1.05040395	0.006864545	0.041061915	Up
A	chr19	<i>BBC3</i>	0.252799016	-1.98393725	0.006452474	0.039320326	Down
A	chr2	<i>SF3B1</i>	1.623653697	0.699243958	0.002684448	0.021674717	Up

A	chr19	<i>POLD1</i>	0.443388228	-1.173357626	0.003051407	0.023596407	Down
A	chr9	<i>CDC37L1</i>	2.331785556	1.221435116	0.001149024	0.012072143	Up
A	chr18	<i>ZNF407</i>	1.901522898	0.927155312	0.001109328	0.011781984	Up
A	chr1	<i>SLC9A1</i>	0.177939772	-2.490539088	1.68E-05	0.000578128	Down
A	chr4	<i>C4orf27</i>	2.491795593	1.317185726	0.000119015	0.002427358	Up
A	chr20	<i>MKKS</i>	3.39342623	1.762742651	0.00054251	0.007241946	Up
A	chr1	<i>LAPTM5</i>	0.39070007	-1.355866579	5.94E-06	0.000266834	Down
A	chr15	<i>KLF13</i>	0.427263675	-1.226801427	8.24E-05	0.001907767	Down
A	chr20	<i>TUBB1</i>	0.324067543	-1.625633561	1.31E-05	0.000476915	Down
A	chr16	<i>FBRS</i>	0.213226717	-2.229539877	1.46E-07	1.69E-05	Down
A	chr4	<i>ANTXR2</i>	1.883943435	0.913755649	0.003627725	0.026617592	Up
A	chr20	<i>KCNG1</i>	0.033912063	-4.882057636	2.79E-11	1.45E-08	Down
A	chr3	<i>CACNA1D</i>	0.298727222	-1.743099385	0.002364933	0.019804166	Down
A	chr11	<i>MRE11A</i>	2.337883639	1.225203126	0.000688632	0.008471932	Up
A	chr3	<i>BSN</i>	0.383887886	-1.381243058	4.52E-06	0.000220355	Down
A	chr11	<i>UCP2</i>	0.267761984	-1.900976949	1.47E-06	9.67E-05	Down
A	chr11	<i>UCP3</i>	0.230272089	-2.118588538	2.12E-05	0.00068692	Down
A	chr10	<i>PCDH15</i>	0.042536432	-4.555157179	0.001132687	0.011965069	Down
A	chr2	<i>EPHA4</i>	0.090570157	-3.46482043	1.76E-06	0.000107931	Down
A	chr1	<i>SF3B4</i>	0.274849528	-1.863286093	1.45E-07	1.69E-05	Down
A	chr21	<i>PFKL</i>	0.595590959	-0.74760624	0.005934181	0.037061659	Down
A	chr3	<i>BCL6</i>	0.506116561	-0.982458412	0.006976254	0.041580388	Down
A	chrX	<i>FRMD8P1</i>	0.408140842	-1.292861009	0.004250309	0.029772312	Down
A	chr17	<i>GIT1</i>	0.4591963	-1.122817078	0.002192654	0.018897192	Down
A	chr8	<i>HOOK3</i>	2.388908398	1.256351535	1.50E-05	0.000532599	Up
A	chr12	<i>RFX4</i>	0.046523387	-4.425900044	7.54E-05	0.001793399	Down
A	chr17	<i>TP53</i>	0.30071539	-1.733529391	1.36E-08	2.69E-06	Down
A	chr5	<i>NSUN2</i>	1.887862653	0.916753809	0.000481286	0.006633814	Up
A	chr2	<i>IKZF2</i>	1.602521242	0.68034348	0.006353696	0.038991441	Up
A	chr1	<i>TPR</i>	1.940143757	0.956163555	6.63E-05	0.001629902	Up
A	chr17	<i>G6PC3</i>	0.425448368	-1.232944036	0.000469703	0.006543255	Down
A	chr9	<i>ERCC6L2</i>	2.911363409	1.541694934	2.23E-05	0.000710384	Up
A	chr3	<i>PFN2</i>	5.334797499	2.41543351	0.000371358	0.005520888	Up
A	chr19	<i>LPHN1</i>	0.512446581	-0.964526474	0.001703143	0.015868045	Down
A	chr2	<i>CAB39</i>	1.673393174	0.742776455	0.003241313	0.024698695	Up
A	chr6	<i>REV3L</i>	1.716824117	0.779742248	0.001713714	0.015948418	Up
A	chr11	<i>VPS51</i>	0.499330256	-1.001933767	0.003599204	0.026467835	Down
A	chr12	<i>ACVRL1</i>	0.091783194	-3.445626171	0.000135287	0.002671561	Down
A	chr10	<i>CALHM2</i>	0.346954693	-1.527180815	8.63E-05	0.001958548	Down
A	chr17	<i>HDAC5</i>	0.442256419	-1.177045013	4.97E-05	0.001295503	Down
A	chr1	<i>FNBP1L</i>	2.445028066	1.289851026	7.88E-06	0.00033307	Up
A	chr15	<i>CLPX</i>	2.164241154	1.113861262	8.17E-05	0.001898008	Up
A	chr9	<i>CTNNA1</i>	12.93915596	3.693671607	0.002321829	0.019560033	Up
A	chr19	<i>UBL5</i>	2.102042461	1.071791812	0.004552497	0.031160849	Up

A	chr19	<i>PIP5K1C</i>	0.500459162	-0.998675748	0.001668084	0.015683671	Down
A	chr7	<i>GATAD1</i>	2.601796179	1.379507948	4.31E-05	0.001184956	Up
A	chr19	<i>MYADM</i>	0.077244144	-3.694430633	0.000378912	0.005582588	Down
A	chr1	<i>EPHB2</i>	0.29555392	-1.758506741	1.20E-06	8.39E-05	Down
A	chr2	<i>MTERFD2</i>	5.885295316	2.55711481	0.001437707	0.014057222	Up
A	chr2	<i>CWC22</i>	2.016519914	1.011867653	0.001052127	0.011397025	Up
A	chr6	<i>ABCF1</i>	0.533143597	-0.907403933	0.000759254	0.009100587	Down
A	chr5	<i>SQSTM1</i>	0.569452711	-0.812352053	0.003016107	0.023420132	Down
A	chr1	<i>HIST3H3</i>	0.129292528	-2.951289194	1.14E-17	1.66E-14	Down
A	chr3	<i>PPP2R3A</i>	1.777905033	0.830178265	0.004930146	0.032850022	Up
A	chr8	<i>LOC100500773</i>	2.190808472	1.131463365	0.001764731	0.016233288	Up
A	chr5	<i>SLC36A1</i>	0.359091681	-1.477575866	0.002057139	0.018130882	Down
A	chr1	<i>HIST2H2AB</i>	0.33898373	-1.560712066	4.18E-07	3.74E-05	Down
A	chr1	<i>ABCD3</i>	2.062097195	1.044112335	0.000856575	0.009925418	Up
A	chr19	<i>UQCR11</i>	0.139800903	-2.838554414	0.000125118	0.002508703	Down
A	chr8	<i>ATP6V1H</i>	2.203563017	1.139838155	5.97E-05	0.001500736	Up
A	chr12	<i>RECQL</i>	3.246836462	1.69903472	0.00391465	0.028029583	Up
A	chr2	<i>GLS</i>	2.166329249	1.115252527	8.79E-06	0.000358427	Up
A	chr3	<i>CMTM7</i>	0.398746403	-1.326456591	4.21E-08	6.46E-06	Down
A	chr16	<i>UBALD1</i>	0.199940081	-2.322360381	1.94E-06	0.000117057	Down
A	chr19	<i>IER2</i>	0.262453187	-1.929867978	0.000785514	0.009312733	Down
A	chr12	<i>RAP1B</i>	3.196629021	1.676551324	1.72E-06	0.000107136	Up
A	chr12	<i>KDM2B</i>	0.529459854	-0.917406797	0.000708981	0.008643468	Down
A	chr6	<i>TFAP2A</i>	0.011675054	-6.420426932	9.77E-07	7.08E-05	Down
A	chr11	<i>IPO7</i>	1.985660771	0.989619175	0.000168112	0.003107191	Up
A	chr3	<i>ZDHHC3</i>	0.533505284	-0.906425535	0.000492526	0.006738938	Down
A	chr4	<i>LCORL</i>	1.731787095	0.792261577	0.003440618	0.025755636	Up
A	chr1	<i>RIT1</i>	3.286212708	1.716425865	0.007222996	0.042633116	Up
A	chr1	<i>HIST2H2BE</i>	0.335392812	-1.576076327	0.000191193	0.003414004	Down
A	chr1	<i>HIST2H2BF</i>	2.481720376	1.311340571	0.000246403	0.00407365	Up
A	chr11	<i>ZBTB16</i>	0.348955928	-1.518883253	1.35E-05	0.000487856	Down
A	chr7	<i>ZNF273</i>	3.834728831	1.939124563	0.000177815	0.003237135	Up
A	chr19	<i>ZIK1</i>	3.839210016	1.940809482	0.000987642	0.010897458	Up
A	chr5	<i>ZNF879</i>	4.012825691	2.00461849	0.008286732	0.047036732	Up
A	chr2	<i>TUBA3D</i>	0.169406412	-2.561439612	0.003302162	0.025018993	Down
A	chr15	<i>TUBGCP5</i>	1.770031299	0.823774871	0.005186745	0.033834377	Up
A	chr12	<i>HDAC7</i>	0.260821022	-1.938867941	0.000269216	0.004333878	Down
A	chr7	<i>CARD11</i>	0.399809647	-1.322614813	0.006521631	0.039704688	Down
A	chr2	<i>CLK1</i>	1.687993009	0.755308929	0.001881614	0.016973535	Up
A	chr22	<i>SREBF2</i>	0.317806992	-1.653777228	4.31E-05	0.001184956	Down
A	chr12	<i>NCAPD2</i>	0.56221718	-0.830800554	0.000337822	0.005103688	Down
A	chr11	<i>UNC93B1</i>	0.355499032	-1.492082463	1.44E-07	1.69E-05	Down
A	chr4	<i>ABCG2</i>	2.054514456	1.038797481	0.003790956	0.027484019	Up
A	chr11	<i>CAPN1</i>	0.40925446	-1.288929957	4.66E-05	0.001245137	Down

A	chr11	<i>APLNR</i>	0.026852625	-5.218793071	0.003664357	0.026736082	Down
A	chr17	<i>FZD2</i>	0.135400347	-2.884696662	0.005207186	0.033900009	Down
A	chr1	<i>HOOK1</i>	3.235293654	1.693896665	2.40E-06	0.000136944	Up
A	chr2	<i>PTPN4</i>	2.138882687	1.096857356	9.42E-05	0.002074339	Up
A	chr11	<i>LTBP3</i>	0.301594114	-1.72931982	0.005849771	0.036745505	Down
A	chr7	<i>ZNF282</i>	0.543871296	-0.878662809	0.00559326	0.035614058	Down
A	chr17	<i>KDM6B</i>	0.221252563	-2.176233928	0.000529213	0.007114125	Down
A	chr1	<i>OBSCN</i>	0.198358156	-2.333820379	0.006184512	0.038277117	Down
A	chr9	<i>PTPRD</i>	0.267184171	-1.904093557	0.001428646	0.014021141	Down
A	chr6	<i>FBXO30</i>	2.653965823	1.408149792	0.000104823	0.002221189	Up
A	chr17	<i>ADAM11</i>	0.204039226	-2.293081564	1.03E-06	7.36E-05	Down
A	chr9	<i>PLAA</i>	1.864899405	0.899097812	0.000560669	0.007444972	Up
A	chr9	<i>ZBTB6</i>	3.871270168	1.952806994	1.01E-07	1.29E-05	Up
A	chrX	<i>UBQLN2</i>	0.549213949	-0.864559827	0.00278967	0.02216285	Down
A	chr10	<i>MRPS16</i>	0.387081528	-1.369290633	0.002644317	0.021442256	Down
A	chr5	<i>PTCD2</i>	8.726226802	3.125357971	8.74E-05	0.001971221	Up
A	chr12	<i>CCND2</i>	0.533204851	-0.907238189	0.000189717	0.003396954	Down
A	chr3	<i>SLC35G2</i>	0.2159298	-2.211365737	0.000738421	0.008924643	Down
A	chr12	<i>OSBPL8</i>	2.176527643	1.122028343	5.98E-06	0.000266834	Up
A	chr1	<i>KIRREL</i>	0.129710504	-2.946632779	0.001304893	0.013183254	Down
A	chr13	<i>OLFM4</i>	0.073234431	-3.771334094	0.007937922	0.045644798	Down
A	chr7	<i>ZNF746</i>	0.509774123	-0.972069953	0.002234699	0.019117077	Down
A	chr6	<i>RXRБ</i>	0.466741369	-1.099304752	5.22E-05	0.001345405	Down
A	chr12	<i>MFSD5</i>	0.340253577	-1.555317767	0.000146717	0.002819189	Down
A	chr1	<i>DHRS3</i>	0.422126584	-1.244252407	0.000119528	0.002432288	Down
A	chr17	<i>ARHGDIА</i>	0.554388715	-0.851030204	0.000563851	0.007472023	Down
A	chr20	<i>GSS</i>	2.526272021	1.337009992	0.004806294	0.032322239	Up
A	chr6	<i>SHPRH</i>	1.617798287	0.694031738	0.00874872	0.048700905	Up
A	chr13	<i>EXOSC8</i>	2.425552897	1.278313642	0.000355949	0.005340468	Up
A	chr5	<i>NADKD1</i>	1.830308061	0.87208649	0.00845678	0.047621377	Up
A	chr2	<i>HNMT</i>	29.03907515	4.859923601	9.28E-07	6.88E-05	Up
A	chr10	<i>ZMYND11</i>	1.702276938	0.767465763	0.002712149	0.021825941	Up
A	chr8	<i>UBE2W</i>	1.78303414	0.834334326	0.004814425	0.03235978	Up
A	chrX	<i>ZNF630</i>	3.609112365	1.85164406	0.006868874	0.041061915	Up
A	chr1	<i>GLIS1</i>	0	#NAME?	0.003576667	0.026361507	Down
A	chr11	<i>MTRNR2L8</i>	0.23984207	-2.059843355	1.76E-08	3.32E-06	Down
A	chr5	<i>RANBP17</i>	2.384304646	1.253568583	0.001566606	0.015013879	Up
A	chrX	<i>MTRNR2L10</i>	0.194756192	-2.360258898	2.32E-20	6.06E-17	Down
A	chr9	<i>FKTN</i>	4.978567882	2.315730801	0.000280717	0.004478215	Up
A	chr7	<i>UBE2H</i>	0.36101446	-1.469871471	0.000578176	0.007571291	Down
A	chr14	<i>CYP46A1</i>	0.021880566	-5.514206108	0.00050965	0.006911658	Down
A	chr2	<i>ARID5A</i>	0.502644981	-0.992388313	0.004618629	0.031481446	Down
A	chr9	<i>PTCH1</i>	0.570078006	-0.810768752	0.004698823	0.031779135	Down
A	chr2	<i>SMC6</i>	1.957966878	0.96935636	0.00365363	0.026717553	Up

A	chr2	<i>PTCD3</i>	4.113161786	2.040247819	0.005451157	0.034961686	Up
A	chr2	<i>ALS2CR8</i>	3.690028767	1.883632063	0.00201308	0.017814737	Up
A	chr7	<i>ING3</i>	2.262091038	1.177656992	0.00026995	0.004339477	Up
A	chr5	<i>COL4A3BP</i>	1.704519545	0.769365142	0.004887704	0.032664306	Up
A	chr21	<i>TTC3</i>	1.797413218	0.845922117	0.002309712	0.019516357	Up
A	chr12	<i>KDM5A</i>	1.605978728	0.683452784	0.004639027	0.031538137	Up
A	chr19	<i>ARHGEF1</i>	0.309217546	-1.69330591	0.00061639	0.007899307	Down
A	chr12	<i>CCDC38</i>	0.050270328	-4.314149079	0.003759793	0.027325491	Down
A	chr15	<i>CA12</i>	0.159129683	-2.651725125	0.000137855	0.002705889	Down
A	chr19	<i>ISYNA1</i>	0.338551645	-1.562552165	4.23E-05	0.001178553	Down
A	chr4	<i>PCDH7</i>	2.607554572	1.382697446	1.38E-05	0.000496046	Up
A	chr7	<i>YWHAG</i>	0.474031245	-1.076945939	1.22E-05	0.000454011	Down
A	chr4	<i>FAT1</i>	0.039498115	-4.662072382	0.000259307	0.004204634	Down
A	chr19	<i>EPN1</i>	0.50716314	-0.9794782	0.000198676	0.003476725	Down
A	chr5	<i>ANKRD32</i>	2.138828006	1.096820473	0.000238128	0.003974786	Up
A	chr7	<i>JHDM1D</i>	1.657148485	0.728702877	0.006376648	0.039019943	Up
A	chr11	<i>DDX10</i>	2.41012332	1.269106968	6.33E-05	0.001568753	Up
A	chr1	<i>CCT3</i>	2.033491181	1.023958734	0.002585338	0.021104701	Up
A	chr6	<i>DST</i>	1.7524332	0.809359452	0.00203962	0.017988617	Up
A	chr16	<i>COX6A2</i>	0.01777796	-5.81376639	3.77E-05	0.001083971	Down
A	chr7	<i>RBM28</i>	2.00957768	1.006892346	0.003443032	0.025755636	Up
A	chr12	<i>CCDC41</i>	2.431067273	1.281589817	1.65E-05	0.000568246	Up
A	chr17	<i>SAMD14</i>	0.182732426	-2.452195434	0.000206413	0.003578095	Down
A	chr12	<i>COPS7A</i>	0.523649318	-0.933327116	0.001509259	0.014617686	Down
A	chrX	<i>CCDC120</i>	0.190582214	-2.391514611	0.006625542	0.040112802	Down
A	chr17	<i>PTRF</i>	0.26944449	-1.891940012	0.000571647	0.007506746	Down
A	chrX	<i>TAF1</i>	1.697249897	0.763198998	0.00287562	0.022598117	Up
A	chr19	<i>FIZ1</i>	0.370145059	-1.433837323	0.005072027	0.033487695	Down
A	chr13	<i>HMGB1</i>	2.010797657	1.007767913	0.001480726	0.014413067	Up
A	chr1	<i>FAM132A</i>	0.236308167	-2.081258602	0.000295221	0.004648395	Down
A	chr13	<i>UBAC2</i>	0.500431467	-0.998755587	0.001847005	0.016812385	Down
A	chr3	<i>XXYL1</i>	0.441615392	-1.179137638	0.003512113	0.026064663	Down
A	chr14	<i>SYNJ2BP</i>	Inf	Inf	0.004012541	0.028542616	Up
A	chr1	<i>ESPN</i>	0	#NAME?	0.000763446	0.009134059	Down
A	chr10	<i>LHPP</i>	Inf	Inf	0.003647113	0.026717553	Up
A	chr17	<i>DDX52</i>	2.962088202	1.5666146	1.54E-06	9.85E-05	Up
A	chr18	<i>DSEL</i>	2.547817753	1.349262084	0.000542605	0.007241946	Up
A	chr1	<i>PRPF38A</i>	3.89094082	1.960119038	3.22E-06	0.00017081	Up
A	chr10	<i>SMC3</i>	2.02733393	1.01958374	4.34E-05	0.001188113	Up
A	chr19	<i>EPOR</i>	0.198186565	-2.335068928	0.00677058	0.040632818	Down
A	chr4	<i>NUP54</i>	2.257945959	1.175010957	0.000217213	0.003696578	Up
A	chr19	<i>PSENFEN</i>	0.454377622	-1.138036311	0.00017955	0.003250579	Down
A	chr1	<i>APH1A</i>	0.339810872	-1.557196084	4.16E-10	1.51E-07	Down
A	chrX	<i>KLHL15</i>	1.982168856	0.987079867	0.00351706	0.026069384	Up

A	chr9	<i>RAPGEF1</i>	0.432940162	-1.207760454	1.95E-06	0.000117179	Down
A	chr3	<i>EIF4A2</i>	2.088651081	1.062571503	0.001298236	0.013146525	Up
A	chr12	<i>PITPNM2</i>	0.498949939	-1.003033021	0.005995947	0.037319286	Down
A	chr17	<i>SCN4A</i>	0.012205739	-6.356296595	1.72E-06	0.000107136	Down
A	chr7	<i>DTX2</i>	0.222250852	-2.169739144	0.000680356	0.008409747	Down
A	chr10	<i>MPP7</i>	2.854242832	1.513108081	0.000264707	0.004281352	Up
A	chr8	<i>KHDRBS3</i>	5.381833406	2.428097733	3.23E-07	3.10E-05	Up
A	chr2	<i>PABPC1P2</i>	0.124136933	-3.009995686	2.37E-07	2.48E-05	Down
A	chr2	<i>FHL2</i>	0.176561887	-2.501754143	0.004000073	0.028516084	Down
A	chr12	<i>KIAA1033</i>	2.365048395	1.241869705	3.16E-05	0.000936955	Up
A	chr6	<i>UTRN</i>	1.727477038	0.788666534	0.001626933	0.015433399	Up
A	chr11	<i>EED</i>	1.875012721	0.906900383	0.000657475	0.008196779	Up
A	chr12	<i>SUDS3</i>	6.635683335	2.73024504	0.001582607	0.015133893	Up
A	chr2	<i>AFTPH</i>	1.944290769	0.959243991	0.000241866	0.004032029	Up
A	chr2	<i>RNPEPL1</i>	0.280806008	-1.832354293	4.59E-07	4.03E-05	Down
A	chr7	<i>PLOD3</i>	0.406379635	-1.299099987	5.09E-05	0.001317861	Down
A	chr16	<i>MTRNR2L4</i>	0.34280295	-1.54454857	0.001084728	0.011605699	Down
A	chr2	<i>LRPPRC</i>	2.565619634	1.3593073	2.08E-05	0.000678182	Up
A	chr6	<i>SKIV2L</i>	0.52397448	-0.932431547	0.000484672	0.006659393	Down
A	chr17	<i>ITGB3</i>	0.41805396	-1.258238925	0.001081108	0.011576459	Down
A	chr16	<i>ITGAL</i>	0.294554796	-1.763392053	0.000142677	0.002783797	Down
A	chr19	<i>TOMM40</i>	0.45289387	-1.142755082	0.001047402	0.011393118	Down
A	chr5	<i>EFNA5</i>	0	#NAME?	1.22E-05	0.000454011	Down
A	chr13	<i>NUFIP1</i>	3.986186335	1.995009151	0.000379562	0.005582588	Up
A	chr6	<i>CDC5L</i>	1.668731925	0.73875221	0.00362133	0.026600572	Up
A	chr16	<i>IRF8</i>	0.349840448	-1.515230994	7.20E-07	5.56E-05	Down
A	chr5	<i>ANKHD1</i>	3.684439016	1.881444975	0.001173701	0.012256335	Up
A	chr1	<i>PTPRC</i>	1.620936596	0.69682766	0.005268531	0.034213999	Up
A	chr8	<i>PTP4A3</i>	0.254113956	-1.976452483	1.14E-10	4.50E-08	Down
A	chr6	<i>VTA1</i>	2.709773148	1.43817208	0.00020513	0.00356878	Up
A	chr1	<i>PTPRF</i>	0.531789941	-0.911071606	0.007990709	0.045867516	Down
A	chr10	<i>LOC283070</i>	0.439291706	-1.186748833	0.008362994	0.047261686	Down
A	chr1	<i>UBE2T</i>	3.502166205	1.808247552	0.003431431	0.025755636	Up
A	chr7	<i>CDK6</i>	0.575158579	-0.797968315	0.006730385	0.040532317	Down
A	chr19	<i>AP2A1</i>	0.437604497	-1.192300531	2.53E-06	0.000141693	Down
A	chr10	<i>NCOA4</i>	1.956686492	0.96841262	0.000912116	0.010312821	Up
A	chr9	<i>PAPPA</i>	0.033565781	-4.896864976	0.008533195	0.047865833	Down
A	chr3	<i>LTF</i>	0.423554255	-1.239381311	0.004488817	0.030807309	Down
A	chrX	<i>ZNF674</i>	4.918399955	2.298189057	1.44E-06	9.53E-05	Up
A	chr17	<i>TOP2A</i>	1.89449696	0.921814825	9.80E-05	0.002124882	Up
A	chr12	<i>GRIN2B</i>	0	#NAME?	0.002388915	0.019937661	Down
A	chr1	<i>PTPRU</i>	0.308391533	-1.697164938	0.008531595	0.047865833	Down
A	chr22	<i>RPS19BP1</i>	Inf	Inf	0.00817423	0.046674641	Up
A	chr3	<i>MASP1</i>	0	#NAME?	3.99E-06	0.000201163	Down

A	chr19	<i>MIER2</i>	8.476630636	3.083490924	0.002237784	0.019117077	Up
A	chr19	<i>RFX1</i>	0.314717325	-1.667871495	6.28E-05	0.00156274	Down
A	chr7	<i>MYO1G</i>	0.586425678	-0.769979818	0.002582229	0.021104644	Down
A	chr11	<i>SLC25A22</i>	0.398186834	-1.328482577	0.003539921	0.026185716	Down
A	chr14	<i>MIS18BP1</i>	3.278305469	1.712950289	0.000400235	0.005830661	Up
A	chr4	<i>RBM47</i>	0.224585797	-2.154661402	6.28E-07	4.97E-05	Down
A	chr9	<i>ZNF658</i>	Inf	Inf	5.04E-08	7.31E-06	Up
A	chr8	<i>PCM1</i>	2.29214907	1.196700873	1.35E-06	9.18E-05	Up
A	chr2	<i>NCKAP1</i>	2.601030705	1.37908343	0.003441437	0.025755636	Up
A	chr3	<i>ABHD14B</i>	0.347067863	-1.526710312	0.007648855	0.044373557	Down
A	chr12	<i>PEX5</i>	0.569365819	-0.81257221	0.002233784	0.019117077	Down
A	chrX	<i>TFE3</i>	0.290734512	-1.782225755	2.70E-06	0.000148141	Down
A	chr3	<i>MYNN</i>	1.941782241	0.95738142	0.002363819	0.019804166	Up
A	chr16	<i>ATXN2L</i>	0.312527048	-1.677947039	1.18E-05	0.000449035	Down
A	chr6	<i>BEND3</i>	0.373329282	-1.421479423	0.005207195	0.033900009	Down
A	chr19	<i>SHKBP1</i>	0.43136041	-1.213034321	0.003995068	0.028495971	Down
A	chrX	<i>THOC2</i>	1.990271415	0.992965186	4.32E-05	0.001184956	Up
A	chr1	<i>UBE4B</i>	0.422373549	-1.243408605	0.000925822	0.010404252	Down
A	chr2	<i>SMEK2</i>	1.617472286	0.693740993	0.0047044	0.031800377	Up
A	chr9	<i>BNC2</i>	0.122455582	-3.029669557	0.001949772	0.017372269	Down
A	chr1	<i>TMEM206</i>	0.513689744	-0.961030826	0.007425507	0.043425243	Down
A	chr7	<i>ZC3HAV1</i>	0.520453724	-0.942158202	0.00784426	0.045260031	Down
A	chr17	<i>GRN</i>	0.235414075	-2.086727517	4.01E-08	6.23E-06	Down
A	chr5	<i>MGAT1</i>	0.412316178	-1.278177025	3.10E-07	3.00E-05	Down
A	chr10	<i>DDX50</i>	1.777009857	0.829451684	0.001205369	0.012496967	Up
A	chr19	<i>MYH14</i>	0.410190368	-1.285634478	0.000226509	0.003835435	Down
A	chr10	<i>IDI1</i>	8.147428898	3.026344857	0.000201811	0.003526416	Up
A	chr9	<i>RMRP</i>	0.54851402	-0.866399599	0.001417744	0.013945603	Down
A	chr15	<i>VIMP</i>	2.923326062	1.547610754	0.006319701	0.038855889	Up
A	chr11	<i>TBC1D10C</i>	0.360107612	-1.473499999	3.47E-06	0.000181355	Down
A	chr9	<i>AGTPBP1</i>	2.450189584	1.292893382	9.46E-05	0.002076376	Up
A	chr4	<i>SH3TC1</i>	0.176604295	-2.501407662	0.0004086	0.005889651	Down
A	chr6	<i>ZNF184</i>	2.09758258	1.068727609	0.003026888	0.023489871	Up
A	chr8	<i>RNF19A</i>	2.603749491	1.380590652	7.40E-06	0.000316029	Up
A	chr13	<i>NAA16</i>	2.000140006	1.000100989	0.001013726	0.011119467	Up
A	chr12	<i>CCDC91</i>	Inf	Inf	0.000454061	0.006379821	Up
A	chr3	<i>ZNF148</i>	1.809938902	0.855940997	0.000414746	0.005956675	Up
A	chr19	<i>CYP4F2</i>	0.269885245	-1.889581988	0.00332275	0.025126699	Down
A	chr11	<i>MRPL11</i>	5.600847953	2.485645264	0.001460524	0.014248293	Up
A	chr12	<i>STAT6</i>	0.548826537	-0.865577853	0.001377492	0.01368372	Down
A	chr12	<i>SLC24A6</i>	0.231930494	-2.108235576	0.001230854	0.012730851	Down
A	chr13	<i>HNRNPA1L2</i>	4.309487254	2.107516227	0.000326692	0.004964273	Up
A	chr8	<i>PREX2</i>	22.50687906	4.492294112	7.25E-08	1.00E-05	Up
A	chr3	<i>GBE1</i>	2.000719229	1.000518721	0.001285172	0.013092836	Up

A	chr17	<i>LGALS3BP</i>	0.467119865	-1.098135297	0.004849613	0.032495893	Down
A	chr3	<i>POC1A</i>	0.388220039	-1.365053507	5.30E-05	0.001361727	Down
A	chr14	<i>ACTR10</i>	1.804961724	0.851968244	0.003966681	0.028324448	Up
A	chr17	<i>PHF12</i>	0.581917143	-0.781114346	0.004223046	0.029668151	Down
A	chr1	<i>ZNF281</i>	1.63756299	0.711550402	0.007042051	0.041876946	Up
A	chr11	<i>CUL5</i>	2.139912951	1.097552111	7.43E-05	0.001775951	Up
A	chr2	<i>MGAT5</i>	0.547702118	-0.868536635	0.003540779	0.026185716	Down
A	chr17	<i>MYH10</i>	0.425499495	-1.232770675	0.007432258	0.043445256	Down
A	chr1	<i>C1orf27</i>	2.742889875	1.4556967	0.001657855	0.015613262	Up
A	chr19	<i>SYMPK</i>	0.569280228	-0.812789101	0.00624534	0.038525717	Down
A	chr10	<i>ITGB1</i>	1.746916117	0.804810335	0.001794751	0.016405384	Up
A	chr15	<i>BLM</i>	1.854325892	0.890894815	0.002059275	0.018137459	Up
A	chr11	<i>TMEM134</i>	0.315969687	-1.662141936	0.000149928	0.002856948	Down
A	chr2	<i>GCC2</i>	1.747534496	0.805320934	0.007729912	0.044693298	Up
A	chr2	<i>SNORA80B</i>	0.150643853	-2.730786294	0.008824617	0.049016052	Down
A	chr9	<i>SCARNA8</i>	0.114539456	-3.126083439	0.004914788	0.032781158	Down
A	chr11	<i>OAF</i>	0.307829297	-1.699797552	0.001894137	0.017051149	Down
A	chr16	<i>MYH11</i>	0.383814149	-1.381520198	0.007608945	0.044220639	Down
A	chr7	<i>LRRN3</i>	2.648079545	1.404946459	0.000728974	0.008846515	Up
A	chr14	<i>TINF2</i>	Inf	Inf	0.002065994	0.018159879	Up
A	chr6	<i>TMEM63B</i>	0.444741866	-1.168959876	0.000513166	0.0069485	Down
A	chr19	<i>GADD45GIP1</i>	0.168921025	-2.565579185	0.007488791	0.04371514	Down
A	chr17	<i>LPO</i>	0.201372408	-2.312062074	2.33E-11	1.27E-08	Down
A	chr15	<i>BAHD1</i>	0.338889593	-1.561112761	1.75E-06	0.000107841	Down
A	chr7	<i>HEATR2</i>	0.184324537	-2.439679961	0.000407442	0.005883116	Down
A	chr1	<i>BTG2</i>	0.472877414	-1.08046186	0.005099369	0.033549428	Down
A	chr9	<i>POLR1E</i>	4.761941503	2.251549898	0.002203327	0.018970991	Up
A	chr3	<i>ZNF167</i>	4.121696861	2.043238403	0.001182174	0.012315177	Up
A	chr1	<i>ATP13A2</i>	0.288599908	-1.792857254	1.39E-11	8.22E-09	Down
A	chrX	<i>MTCP1</i>	3.043525923	1.605743654	0.004986801	0.033081947	Up
A	chr6	<i>SLC35A1</i>	2.174191699	1.120479149	0.002460127	0.020375661	Up
A	chr9	<i>SMC2</i>	1.969578456	0.977886887	0.0006355	0.00805358	Up
A	chrX	<i>DDX26B</i>	1.777179694	0.829589562	0.000970309	0.010743614	Up
A	chr9	<i>SMC5</i>	1.928827213	0.94772391	0.000353013	0.00530251	Up
A	chr14	<i>SAMD4A</i>	0.138243403	-2.85471746	0.001625015	0.015433399	Down
A	chr7	<i>DNAJB9</i>	1.997762867	0.998385347	0.002286656	0.019432113	Up
A	chr2	<i>SPC25</i>	4.66955494	2.223285052	0.000137593	0.002704812	Up
A	chr5	<i>FTMT</i>	0.063192297	-3.984107484	0.002429501	0.020211776	Down
A	chr17	<i>BZRAP1</i>	0.450188303	-1.151399524	0.00218817	0.018890332	Down
A	chr2	<i>SCARNA5</i>	0.221162786	-2.176819445	0.00059171	0.007693406	Down
A	chr6	<i>NRM</i>	0.351646947	-1.507800405	0.000214193	0.003673929	Down
A	chr15	<i>SLCO3A1</i>	0.454192406	-1.138624511	0.000115109	0.002377408	Down
A	chr1	<i>RXRG</i>	0.179971371	-2.474160669	0.000731546	0.008857951	Down
A	chr3	<i>CHDH</i>	0.237143453	-2.076168056	2.27E-08	4.00E-06	Down

A	chr5	<i>RNF180</i>	5.658770131	2.500488534	0.007281559	0.042910244	Up
A	chr5	<i>CANX</i>	1.845016023	0.883633346	0.000909431	0.010295574	Up
A	chr2	<i>EEF1B2</i>	0.241483622	-2.050002749	3.52E-10	1.31E-07	Down
A	chr3	<i>ATG3</i>	2.062086373	1.044104763	0.005436616	0.034923304	Up
A	chr6	<i>SLC35B2</i>	0.542853184	-0.881366024	0.002523245	0.0207405	Down
A	chr1	<i>IGSF3</i>	0.115202836	-3.117751866	0.000105176	0.002225051	Down
A	chr7	<i>DNAJC2</i>	2.254295805	1.172676836	0.00164082	0.015520016	Up
A	chr1	<i>IGSF8</i>	0.249101982	-2.005191592	1.99E-06	0.000119099	Down
A	chr19	<i>CEBPG</i>	2.205158589	1.140882414	0.00899882	0.049771864	Up
A	chr10	<i>NSMCE4A</i>	2.445551564	1.290159884	9.79E-05	0.002124882	Up
A	chr16	<i>GPR56</i>	0.196920747	-2.344312974	2.81E-05	0.00086002	Down
A	chr9	<i>ALDH1B1</i>	0.392090496	-1.350741423	0.000133407	0.002642437	Down
A	chr2	<i>HIBCH</i>	3.021861001	1.595437301	0.003475699	0.025924745	Up
A	chr12	<i>HVCN1</i>	0.22790508	-2.13349501	0.000194204	0.003443062	Down
A	chr12	<i>SCN8A</i>	0.01413296	-6.14479249	5.81E-10	1.90E-07	Down
A	chr15	<i>LEO1</i>	2.269632761	1.182458881	0.002237868	0.019117077	Up
A	chr2	<i>PIKFYVE</i>	2.1110551	1.077964234	4.52E-05	0.001222399	Up
A	chr15	<i>TMC3</i>	0.10695343	-3.224945349	0.004798479	0.032321151	Down
A	chr9	<i>KLHL9</i>	1.766868662	0.821194803	0.000989138	0.010904751	Up
A	chr19	<i>ZNF780B</i>	2.858648178	1.515333074	0.005043352	0.033365875	Up
A	chr5	<i>LSP1P3</i>	14.8188397	3.889360586	0.001742292	0.016106334	Up
A	chr15	<i>FURIN</i>	0.238314321	-2.069062443	2.16E-10	8.29E-08	Down
A	chr3	<i>MLH1</i>	1.998437509	0.998872461	0.001023367	0.011194569	Up
A	chr22	<i>MFNG</i>	0.442390417	-1.17660796	0.00044356	0.006272793	Down
A	chr16	<i>CMIP</i>	0.274799736	-1.863547478	0.004489045	0.030807309	Down
A	chr2	<i>DES</i>	0.020317669	-5.621121312	0.000109373	0.002281868	Down
A	chr2	<i>SNRNP27</i>	2.722997008	1.445195397	0.001866456	0.016889386	Up
A	chr19	<i>SBNO2</i>	0.4162669	-1.26441925	0.004392334	0.030431604	Down
A	chr19	<i>RPS16</i>	0.446091054	-1.16458988	0.00040409	0.005854154	Down
A	chr2	<i>ATG9A</i>	0.454717569	-1.136957347	0.000505808	0.006877411	Down
A	chr21	<i>MORC3</i>	2.330085858	1.220383116	5.83E-06	0.000266057	Up
A	chr7	<i>ACHE</i>	0.108471907	-3.204606645	0.000927001	0.010404252	Down
A	chr8	<i>NUDCD1</i>	1.976093435	0.982651163	0.003012241	0.023417974	Up
A	chr14	<i>ARHGAP5</i>	2.682290321	1.423465397	1.27E-05	0.000467253	Up
A	chr2	<i>MYT1L</i>	0	#NAME?	7.74E-05	0.00181448	Down
A	chr9	<i>CNTLN</i>	3.020827196	1.594943658	4.43E-07	3.93E-05	Up
A	chr10	<i>YME1L1</i>	2.17025155	1.117862272	0.000482036	0.006637142	Up
A	chr5	<i>ZFP62</i>	1.892740067	0.920476297	0.000827079	0.009691083	Up
A	chr5	<i>UIMC1</i>	1.729956194	0.790735506	0.006683392	0.040330358	Up
A	chr14	<i>G2E3</i>	2.264432379	1.179149458	0.003031364	0.02351063	Up
A	chr8	<i>TMEM67</i>	2.493569806	1.318212591	0.007141758	0.042315648	Up
A	chr3	<i>ZNF197</i>	2.317662156	1.212670281	0.007449439	0.043526197	Up
A	chr10	<i>HNRNPA3P1</i>	0.345324201	-1.533976648	0.000518803	0.006995806	Down
A	chr6	<i>ZBTB12</i>	0.396201165	-1.335694973	0.002509482	0.020666413	Down

A	chr1	<i>EGLN1</i>	0.504596097	-0.986799046	0.006377339	0.039019943	Down
A	chr19	<i>ZNF260</i>	2.394476299	1.259710156	4.98E-05	0.001295503	Up
A	chr2	<i>KANSL1L</i>	1.901233422	0.926935668	0.000471583	0.006555461	Up
A	chr7	<i>KLHL7</i>	1.850731602	0.888095687	0.003503224	0.026064663	Up
A	chr3	<i>APPL1</i>	1.803611978	0.850888996	0.001701182	0.015861088	Up
A	chr19	<i>GRIK5</i>	0.234247575	-2.093893983	0.000288608	0.004555267	Down
A	chr11	<i>DSCAML1</i>	0	#NAME?	5.74E-07	4.71E-05	Down
A	chr17	<i>CTDNEP1</i>	0.341354055	-1.550659205	0.000394437	0.005759039	Down
A	chr2	<i>NOP58</i>	2.445174979	1.28993771	0.000108162	0.002266196	Up
A	chr3	<i>ZNF654</i>	2.545820486	1.348130694	8.51E-06	0.000352339	Up
A	chr15	<i>CTD SPL2</i>	1.964311189	0.974023501	9.12E-05	0.002028384	Up
A	chr12	<i>TMEM194A</i>	2.331740939	1.221407511	0.005947715	0.037102233	Up
A	chrX	<i>GABRA3</i>	0.048822954	-4.356296595	0.00264867	0.021460642	Down
A	chr2	<i>PLA2R1</i>	0.056889473	-4.135694484	0.003664352	0.026736082	Down
A	chr19	<i>ZNF728</i>	Inf	Inf	0.001087252	0.011623178	Up
A	chr5	<i>KLHL3</i>	0.424006392	-1.237842081	0.005290848	0.034290683	Down
A	chr4	<i>PDS5A</i>	1.874093074	0.906192604	0.000143158	0.002784927	Up
A	chr9	<i>FAM122A</i>	0.449472143	-1.153696392	0.001236381	0.012777894	Down
A	chr1	<i>IFFO2</i>	0.40457329	-1.305527017	0.001317506	0.013290118	Down
A	chr20	<i>SULF2</i>	0.256992944	-1.960199344	0.001276483	0.013037506	Down
A	chr8	<i>UBE2V2</i>	2.244465156	1.1663717	0.002937741	0.022979411	Up
A	chr9	<i>VLDLR</i>	2.227012661	1.15510976	0.000603613	0.007793233	Up
A	chr5	<i>PDLIM7</i>	0.357995167	-1.481987982	0.00248708	0.020520768	Down
A	chr6	<i>ZBTB22</i>	0.444124205	-1.170964893	0.001038271	0.011303217	Down
A	chr22	<i>MKL1</i>	0.313746237	-1.67232994	6.75E-05	0.001653952	Down
A	chr1	<i>CDC42BPA</i>	1.821620718	0.865222605	0.001724757	0.015989528	Up
A	chr2	<i>PNPT1</i>	2.003727409	1.002686255	0.002094107	0.018369879	Up
A	chr3	<i>MBNL1</i>	1.632952394	0.707482733	0.004009603	0.02853727	Up
A	chr10	<i>LOC100192204</i>	0.036189301	-4.78829294	5.02E-08	7.31E-06	Down
A	chr5	<i>HSPA9</i>	1.886124891	0.915425208	0.004256405	0.029772312	Up
A	chr5	<i>SLCO4C1</i>	0.067131562	-3.896864976	0.001064356	0.01147237	Down
A	chr2	<i>TEX261</i>	0.518995269	-0.946206707	0.001908775	0.017135655	Down
A	chr1	<i>FAM189B</i>	0.195844821	-2.35221712	4.13E-06	0.000204912	Down
A	chr2	<i>MFSD2B</i>	0.340256034	-1.555307348	0.000198004	0.003476725	Down
A	chr1	<i>C1orf85</i>	0.35333395	-1.500895719	0.000847324	0.009854475	Down
A	chr9	<i>PCSK5</i>	0.074681805	-3.743099385	0.00513268	0.033649857	Down
A	chr1	<i>AGRN</i>	0.298924172	-1.74214853	0.006409181	0.039154185	Down
A	chr6	<i>SRF</i>	0.532911214	-0.908032902	0.000797304	0.009435365	Down
A	chr4	<i>CENPE</i>	2.165436952	1.114658168	0.00052124	0.007021404	Up
A	chr20	<i>SLX4IP</i>	5.861520279	2.551274899	0.000308844	0.004765173	Up
A	chr17	<i>CBX4</i>	0.5357606	-0.900339606	0.002178873	0.018847466	Down
A	chr1	<i>AHCTF1</i>	1.910544098	0.933983557	0.008173212	0.046674641	Up
A	chr6	<i>C6orf1</i>	0.409663486	-1.287488787	0.006122177	0.03799713	Down
A	chr12	<i>NACA</i>	2.61448602	1.386527356	9.24E-06	0.000369021	Up

A	chr20	RASSF2	0.553361931	-0.853704699	0.003758249	0.027325491	Down
A	chr16	ZC3H7A	1.682562355	0.750659971	0.004839008	0.032441487	Up
A	chr12	CHPT1	3.117136402	1.640221287	0.000276847	0.004428535	Up
A	chr2	WDR12	1.859707725	0.895075903	0.001127505	0.011926514	Up
A	chr16	GPR97	0.230053299	-2.11995995	4.18E-07	3.74E-05	Down
A	chr22	TFIP11	0.43178332	-1.211620583	0.001023441	0.011194569	Down
A	chr8	EPHX2	0.050270328	-4.314149079	0.002966223	0.023142921	Down
A	chr3	TRA2B	1.81375131	0.858976656	0.001210172	0.012536807	Up
A	chr11	CCDC88B	0.252559179	-1.985306618	6.28E-06	0.000274136	Down
A	chr5	ERAP1	1.952059446	0.964996988	0.000140472	0.002753128	Up
A	chr14	NOVA1	0.101988031	-3.293528248	0.003224711	0.024599168	Down
A	chr14	PPP1R36	0.023703947	-5.39872889	0.000823105	0.009670558	Down
A	chr5	CAST	3.168541935	1.66381911	0.000311899	0.00480097	Up
A	chr2	NBEAL1	2.056623939	1.040278016	0.000332364	0.00503518	Up
A	chr6	RHAG	0.210962819	-2.244939343	0.008692264	0.048548332	Down
A	chr17	SCO1	6.193091177	2.630659686	0.000542333	0.007241946	Up
A	chr15	RPLP1	0.286759362	-1.802087506	1.67E-07	1.88E-05	Down
A	chr11	SLC35C1	0.294307465	-1.764603959	0.002616538	0.021298259	Down
A	chr1	CSDE1	1.961234731	0.971762215	0.000243115	0.004037623	Up
A	chr6	TDP2	3.003051696	1.58642931	2.66E-06	0.000147071	Up
A	chr11	RPS13	1.713550404	0.776988629	0.004873465	0.0325888	Up
A	chr7	GNA12	0.522477958	-0.93655792	0.003101284	0.023896732	Down
A	chr1	CENPF	2.341290075	1.227303689	0.000249234	0.004097293	Up
A	chr1	TIPRL	1.967931047	0.976679672	0.002300224	0.01948399	Up
A	chr19	ZNF296	0.266064178	-1.910153811	0.00431829	0.030030173	Down
A	chr14	SNW1	2.366362622	1.242671169	0.000143598	0.002785127	Up
A	chr9	PPP6C	1.752300765	0.80925042	0.001987502	0.017660222	Up
A	chr12	CCNT1	1.739974461	0.799066131	0.005502723	0.035192081	Up
A	chr16	SLC5A11	0.154031224	-2.698705265	0.003078281	0.023789702	Down
A	chrX	SLC38A5	0.341577988	-1.549713086	0.005904505	0.036947031	Down
A	chr9	FAM125B	0.3240236	-1.625829202	2.52E-06	0.000141693	Down
A	chr8	CNOT7	1.771387012	0.824879446	0.005622726	0.035759366	Up
A	chr10	BAG3	0.323649373	-1.627496384	0.003786647	0.027474764	Down
A	chr22	SUN2	0.347270949	-1.525866367	7.89E-10	2.45E-07	Down
A	chrX	CD99L2	Inf	Inf	0.000975334	0.01077988	Up
A	chr16	ATP6VOC	0.250040952	-1.999763692	8.36E-10	2.54E-07	Down
A	chr19	MAP4K1	0.461933321	-1.114243479	0.000298267	0.004673809	Down
A	chr3	PHLDB2	4.019009378	2.006839944	0.00126368	0.012962241	Up
A	chr1	FAF1	2.00582297	1.004194282	8.81E-05	0.001982922	Up
A	chr19	DEDD2	0.294857942	-1.761908043	3.79E-05	0.001087163	Down
A	chr11	PUS3	1.964323561	0.974032588	0.00200812	0.017807059	Up
A	chr12	RSRC2	2.259289491	1.175869141	0.00014245	0.002783797	Up
A	chr12	EEA1	2.132721312	1.092695458	0.000307607	0.004761727	Up
A	chr1	DENND4B	0.385322541	-1.375861511	1.27E-05	0.000467253	Down

A	chr1	<i>DNAJB4</i>	2.156578266	1.108744075	0.000704695	0.008612717	Up
A	chr3	<i>CRBN</i>	2.374230936	1.24746027	0.00115204	0.012088085	Up
A	chr19	<i>NR1H2</i>	0.550521479	-0.861129243	0.007157992	0.042354157	Down
A	chr6	<i>SLC16A10</i>	0.382128056	-1.387871912	0.000118195	0.002414403	Down
A	chr2	<i>PIGF</i>	17.09441861	4.095453451	0.000515009	0.006959015	Up
A	chr9	<i>LHX2</i>	0.055297361	-4.176645555	0.008487752	0.047709831	Down
A	chr12	<i>ST8SIA1</i>	0.117219697	-3.092713085	2.81E-07	2.79E-05	Down
A	chr10	<i>TACC2</i>	0.469231514	-1.091628186	0.00701313	0.041762036	Down
A	chr3	<i>MUC13</i>	Inf	Inf	0.001593884	0.015219434	Up
A	chr10	<i>EIF4EBP2</i>	0.287064248	-1.800554429	0.002009651	0.017808539	Down
A	chr2	<i>ZNF513</i>	0.344880874	-1.53582997	2.51E-05	0.000781569	Down
A	chr17	<i>MYO18A</i>	0.476618164	-1.069094161	0.0023515	0.019751696	Down
A	chr14	<i>ALDH6A1</i>	2.828044729	1.499804938	0.000876034	0.010057054	Up
A	chr11	<i>RPLP2</i>	0.494656286	-1.015501683	0.006211575	0.038353683	Down
A	chr11	<i>GRIK4</i>	0.093489028	-3.41905913	0.004181995	0.029506804	Down
A	chr14	<i>PRPF39</i>	2.025173735	1.018045679	7.83E-05	0.001829714	Up
A	chr17	<i>WBP2</i>	0.51964658	-0.944397339	0.004186592	0.029516419	Down
A	chr18	<i>LDLRAD4</i>	0.558334452	-0.840798515	0.00787359	0.045354798	Down
A	chr1	<i>B3GALT2</i>	2.069726887	1.049440408	0.006604399	0.040021924	Up
A	chr11	<i>PNPLA2</i>	0.312592295	-1.677645875	2.00E-06	0.000119099	Down
A	chr12	<i>PCBP2</i>	0.525718513	-0.927637556	0.000609298	0.007835634	Down
A	chr15	<i>SCAMP2</i>	0.409284034	-1.288825707	1.61E-05	0.00055911	Down
A	chr14	<i>TDP1</i>	0.387897423	-1.366252903	9.29E-05	0.002054647	Down
A	chr9	<i>CNTRL</i>	1.695445663	0.761664548	0.002795713	0.022183857	Up
A	chr13	<i>DIS3</i>	2.284562852	1.191918134	3.38E-05	0.000988255	Up
A	chr20	<i>PPP1R16B</i>	0.365950378	-1.45028006	0.002747031	0.021930886	Down
A	chr12	<i>SUOX</i>	0.360865748	-1.470465882	0.00119045	0.012381625	Down
A	chr7	<i>GIGYF1</i>	0.289682974	-1.787453203	0.001143808	0.012040423	Down
A	chr1	<i>UBAP2L</i>	0.664934831	-0.588715142	0.00886101	0.049138333	Down
A	chr5	<i>TTC1</i>	2.795647837	1.483182638	0.001671495	0.015692788	Up
A	chr18	<i>TTC39C</i>	3.837003276	1.939979997	0.003326357	0.025126699	Up
A	chr2	<i>HAT1</i>	2.037693784	1.026937265	0.000504919	0.00687248	Up
A	chr5	<i>FER</i>	3.204275286	1.679998098	0.000165259	0.003068454	Up
A	chr1	<i>IL6R</i>	0.110594722	-3.176645555	0.000121622	0.00245747	Down
A	chr21	<i>BRWD1</i>	1.717971598	0.780706186	0.004007663	0.02853727	Up
A	chr10	<i>SAR1A</i>	1.826156011	0.868810022	0.002123263	0.018538432	Up
A	chr2	<i>CDCA7</i>	1.732643878	0.792975158	0.00819858	0.046770586	Up
A	chr1	<i>SH3BGRL3</i>	0.18997587	-2.39611191	5.34E-21	1.74E-17	Down
A	chr19	<i>ZNF787</i>	0.203302356	-2.298301161	2.93E-06	0.000158868	Down
A	chr1	<i>GNB1</i>	0.482158024	-1.052422036	2.11E-05	0.000684769	Down
A	chr20	<i>PIGT</i>	0.27867086	-1.843365946	3.33E-07	3.17E-05	Down
A	chr20	<i>HM13</i>	0.624083647	-0.680188685	0.004476596	0.030799497	Down
A	chr8	<i>FAM91A1</i>	2.05224972	1.03720629	0.000379785	0.005582588	Up
A	chr6	<i>GNL1</i>	0.551962747	-0.857357195	0.006595567	0.040021924	Down

A	chr14	<i>DNAAF2</i>	3.174025875	1.666313889	0.004951387	0.032932992	Up
A	chr2	<i>HNRPLL</i>	1.667359837	0.737565489	0.00588879	0.03686637	Up
A	chr21	<i>SAMSN1</i>	2.200548704	1.137863303	0.002744082	0.021930886	Up
A	chr1	<i>C1orf112</i>	2.728458449	1.448086073	0.000926655	0.010404252	Up
A	chr1	<i>C1orf114</i>	Inf	Inf	0.000636743	0.008061504	Up
A	chr6	<i>POLH</i>	2.159766429	1.110875298	0.002157876	0.018740352	Up
A	chr4	<i>PLK4</i>	2.2369492	1.161532494	0.000102943	0.002202807	Up
A	chr12	<i>RASAL1</i>	0.150758756	-2.729686299	0.000301224	0.004703209	Down
A	chr12	<i>CDK17</i>	1.672982987	0.742422774	0.00272068	0.021881108	Up
A	chrX	<i>TTC3P1</i>	Inf	Inf	0.000776085	0.009240699	Up
A	chr3	<i>SACM1L</i>	1.849247369	0.886938223	0.002775908	0.022093862	Up
A	chr7	<i>PAPOLB</i>	1.938344908	0.954825306	0.002233565	0.019117077	Up
A	chr11	<i>PGAP2</i>	0.468026562	-1.095337685	0.000234023	0.003934648	Down
A	chr5	<i>LYSMD3</i>	Inf	Inf	2.59E-07	2.64E-05	Up
A	chr12	<i>GCN1L1</i>	0.407749418	-1.294245276	0.000222565	0.003777815	Down
A	chr2	<i>ITSN2</i>	1.656585392	0.728212572	0.003149826	0.024156689	Up
A	chr21	<i>UBASH3A</i>	0.492771085	-1.021010492	0.004865848	0.032554546	Down
A	chr19	<i>ZNF791</i>	2.109954885	1.077212151	0.003530339	0.026138122	Up
A	chr6	<i>TOMM6</i>	0.447097359	-1.161339071	0.005428686	0.034905073	Down
A	chr19	<i>SNORD33</i>	0.085685214	-3.544809921	7.70E-06	0.000326336	Down
A	chr7	<i>WDR91</i>	0.505211952	-0.985039324	0.000825789	0.009684656	Down
A	chrX	<i>PLP2</i>	0.478566642	-1.063208255	0.00356771	0.02631035	Down
A	chr2	<i>STEAP3</i>	0.254402122	-1.974817388	0.000348764	0.00525497	Down
A	chr1	<i>FUBP1</i>	2.386134982	1.254675658	9.85E-06	0.000390734	Up
A	chr6	<i>MICAL1</i>	0.431817915	-1.211504997	0.000117743	0.002412724	Down
A	chr12	<i>NCOR2</i>	0.222353701	-2.169071679	0.000453926	0.006379821	Down
A	chr7	<i>SSBP1</i>	2.8957848	1.533954393	0.000297871	0.004673215	Up
A	chrX	<i>MTMR1</i>	2.447833392	1.291505366	1.78E-05	0.000604209	Up
A	chr19	<i>EML2</i>	0.550941844	-0.860028054	0.005126171	0.033649857	Down
A	chr14	<i>GOLGA5</i>	2.14511948	1.101058006	0.001760918	0.01622107	Up
A	chr8	<i>RAB2A</i>	1.733714394	0.793866254	0.001964893	0.017483131	Up
A	chr4	<i>APIAR</i>	2.403959655	1.265412684	0.003511278	0.026064663	Up
A	chr20	<i>FER1L4</i>	0	#NAME?	0.004168044	0.029456133	Down
A	chr17	<i>KIAA0753</i>	2.70054873	1.433252581	0.005694096	0.036062607	Up
A	chr16	<i>MON1B</i>	0.401850815	-1.315268086	0.008991231	0.049750973	Down
A	chr5	<i>LMBRD2</i>	2.033118487	1.023694296	0.006769774	0.040632818	Up
A	chr15	<i>PSMA4</i>	2.949434495	1.560438368	0.002206635	0.018974443	Up
A	chr12	<i>LOC100507250</i>	2.625366901	1.392519057	0.001779171	0.016289359	Up
A	chr6	<i>DEF6</i>	0.582972788	-0.778499553	0.003663319	0.026736082	Down
A	chr17	<i>CLUH</i>	0.616721784	-0.697308287	0.004694719	0.031767845	Down
A	chr2	<i>ST3GAL5</i>	0.3425144	-1.54576345	0.00695256	0.041496004	Down
A	chr20	<i>CSE1L</i>	1.666902506	0.737169726	0.002947269	0.023022565	Up
A	chr3	<i>IL1RAP</i>	5.331259474	2.4144764	9.99E-06	0.000393908	Up
A	chr2	<i>WDR75</i>	1.886431331	0.915659585	0.001337462	0.01343949	Up

A	chr11	<i>INTS4</i>	2.677820604	1.421059313	6.26E-06	0.000274136	Up
A	chr11	<i>INTS5</i>	0.375112803	-1.414603592	8.79E-08	1.15E-05	Down
A	chr5	<i>SKIV2L2</i>	1.844958132	0.883588078	0.000768482	0.009177492	Up
A	chr16	<i>ZNF768</i>	0.485500765	-1.042454527	0.008678627	0.048535612	Down
A	chr14	<i>PSMA3</i>	2.135623751	1.094657499	0.000169445	0.003110782	Up
A	chr14	<i>PSMA6</i>	1.870795752	0.903652058	0.008440637	0.047571517	Up
A	chr1	<i>RPAP2</i>	3.918312035	1.970232291	0.003120497	0.024002267	Up
A	chr7	<i>MACC1</i>	0.187692606	-2.413556281	0.001216322	0.012590526	Down
A	chr3	<i>RFC4</i>	2.265762487	1.179996636	0.000226547	0.003835435	Up
A	chr18	<i>SLC14A1</i>	0.490327796	-1.028181547	0.004216908	0.029657303	Down
A	chr13	<i>AKAP11</i>	2.064673304	1.04591352	0.000180608	0.003260679	Up
A	chr13	<i>DOCK9</i>	1.779850819	0.831756324	0.005321477	0.034454977	Up
A	chr1	<i>ZRANB2</i>	2.970592747	1.570750833	3.29E-05	0.00096602	Up
A	chr9	<i>SLC25A51</i>	2.05266049	1.037495025	0.008065565	0.046195622	Up
A	chr19	<i>CD37</i>	0.556994348	-0.844265407	0.006961393	0.041529736	Down
A	chr2	<i>KLF7</i>	0.562559399	-0.829922661	0.008096058	0.046329614	Down
A	chr1	<i>CCDC18</i>	4.925984086	2.300411967	7.54E-08	1.02E-05	Up
A	chr4	<i>SH3D19</i>	4.866381049	2.282849291	0.008495295	0.047714751	Up
A	chr10	<i>UPF2</i>	1.618975116	0.695080811	0.006586964	0.040009137	Up
A	chr7	<i>CAPZA2</i>	2.154487731	1.107344883	0.002828549	0.022357624	Up
A	chr4	<i>SNORA26</i>	0.190084679	-2.395285842	0.000358473	0.005366296	Down
A	chr8	<i>KIF13B</i>	1.770732243	0.824346075	0.004249275	0.029772312	Up
A	chr15	<i>COPS2</i>	1.889666452	0.918131605	0.005880101	0.036853862	Up
A	chr19	<i>DCAF15</i>	0.549254531	-0.86445323	0.006278638	0.038694552	Down
A	chr11	<i>SIDT2</i>	0.448639316	-1.15637204	5.94E-06	0.000266834	Down
A	chr8	<i>XKR6</i>	0.023703947	-5.39872889	1.67E-09	4.49E-07	Down
A	chr7	<i>TTYH3</i>	0.199812803	-2.323279065	4.68E-05	0.001250238	Down
A	chr2	<i>DOCK10</i>	1.601166276	0.679123135	0.004214888	0.029657303	Up
A	chr17	<i>PSMD3</i>	0.478337869	-1.063898084	7.02E-05	0.001704195	Down
A	chr9	<i>ANP32B</i>	0.403249355	-1.310255868	0.000463564	0.006464643	Down
A	chr2	<i>ZC3H8</i>	3.556782414	1.83057272	0.004793851	0.032321151	Up
A	chr15	<i>FAM98B</i>	0.354666612	-1.495464572	0.001201806	0.012479849	Down
A	chr4	<i>HADH</i>	0.400210745	-1.321168193	0.000155451	0.002927713	Down
A	chr1	<i>PNRC2</i>	2.984465389	1.577472523	0.000513948	0.006951875	Up
A	chr6	<i>DOPEY1</i>	1.638403314	0.712290538	0.005771294	0.036427807	Up
A	chr19	<i>SF3A2</i>	0.164847889	-2.600792681	1.69E-09	4.49E-07	Down
A	chr2	<i>AUP1</i>	0.509466054	-0.972942072	0.000145288	0.002813707	Down
A	chr22	<i>PATZ1</i>	0.48807938	-1.034812293	6.39E-05	0.001578534	Down
A	chr19	<i>TSEN34</i>	0.217808244	-2.198869533	0.000440857	0.006241326	Down
A	chr14	<i>SLC7A8</i>	0.132800303	-2.912669655	6.13E-11	2.76E-08	Down
A	chr6	<i>PEX6</i>	0.395187991	-1.339388987	2.18E-05	0.000701984	Down
A	chr1	<i>RCC2</i>	0.414789925	-1.269547243	5.90E-07	4.81E-05	Down
A	chr2	<i>PSD4</i>	0.518781414	-0.946801301	0.001692483	0.015802559	Down
A	chr6	<i>PTK7</i>	0.506142569	-0.982384277	0.005147038	0.033685842	Down

A	chr12	<i>ESYT1</i>	0.437096941	-1.193974812	0.000308072	0.004761727	Down
A	chr3	<i>UBA3</i>	1.77047807	0.824138974	0.004303235	0.029973536	Up
A	chr10	<i>ZNF248</i>	2.012019277	1.008644127	0.003304431	0.025018993	Up
A	chr11	<i>CHORDC1</i>	2.791166281	1.480868074	0.005056806	0.033404093	Up
A	chr7	<i>ARF5</i>	0.486000113	-1.040971445	8.85E-05	0.001987176	Down
A	chr1	<i>COG2</i>	7.367674445	2.881209315	3.10E-06	0.000165144	Up
A	chrX	<i>MPC1L</i>	0.113212696	-3.142892335	0.007622024	0.044257244	Down
A	chr20	<i>EIF2S2</i>	2.544679855	1.347484163	0.002140861	0.01862977	Up
A	chr6	<i>WTAP</i>	1.620621692	0.696547356	0.005431104	0.034905073	Up
A	chr2	<i>EHBP1</i>	2.207674944	1.142527766	0.002660671	0.021544504	Up
A	chr1	<i>FCER1G</i>	0.306853759	-1.704376837	0.000405079	0.005861963	Down
A	chr1	<i>ZDHH18</i>	0.42941948	-1.219540455	0.000885008	0.010130511	Down
A	chr1	<i>FAM102B</i>	0.412219675	-1.27851473	2.11E-05	0.000684769	Down
A	chr2	<i>ROCK2</i>	2.274286161	1.185413792	2.01E-06	0.000119099	Up
A	chr10	<i>EBF3</i>	0.032527859	-4.942180302	0.000143431	0.002785127	Down
A	chr1	<i>ALDH4A1</i>	0.368029845	-1.44210533	0.002834231	0.022380648	Down
A	chr5	<i>PAM</i>	1.853721217	0.890424292	0.002597293	0.021162592	Up
A	chr19	<i>PLD3</i>	0.412772243	-1.276582136	0.000414818	0.005956675	Down
A	chr12	<i>HSP90B1</i>	2.383571486	1.253124894	0.001323332	0.013328278	Up
A	chr6	<i>RAB44</i>	0.410351902	-1.285066455	0.006662623	0.040262599	Down
A	chr19	<i>ABCA7</i>	0.533277318	-0.907042129	0.004398441	0.03044652	Down
A	chr15	<i>ZNF609</i>	0.44020255	-1.183760591	0.007850204	0.045260031	Down
A	chr12	<i>ASUN</i>	1.933530336	0.9512374	0.000661931	0.008244454	Up
A	chr11	<i>ACAD8</i>	2.825012136	1.498257065	0.000900995	0.010208926	Up
A	chr17	<i>VAMP2</i>	0.353657999	-1.499573201	0.000629089	0.008003409	Down
A	chr9	<i>CDK9</i>	0.355307871	-1.492858447	7.02E-05	0.001704195	Down
A	chrX	<i>BCORL1</i>	0.304302641	-1.71642124	0.000709197	0.008643468	Down
A	chr7	<i>ACTB</i>	0.546077151	-0.872823301	9.84E-05	0.002129667	Down
A	chr18	<i>NOL4</i>	0.031605263	-4.983691391	0.002620168	0.021309067	Down
A	chr7	<i>ELFN1</i>	0.026852625	-5.218793071	0.003014186	0.02341915	Down
A	chr19	<i>MAP1S</i>	0.178310129	-2.487539436	0.006856051	0.041032571	Down
A	chr2	<i>SGOL2</i>	5.408385134	2.43519789	0.007340651	0.043081663	Up
A	chr20	<i>MMP9</i>	0.16194735	-2.626403236	0.00702951	0.041840491	Down
A	chrX	<i>SUPT20HL2</i>	0.011520284	-6.439679961	7.70E-13	5.03E-10	Down
A	chr9	<i>SWI5</i>	2.372378264	1.246334059	0.003144961	0.024147748	Up
A	chr16	<i>FHOD1</i>	0.354922063	-1.494425837	0.006628642	0.040112966	Down
A	chr16	<i>ABCA3</i>	0.395650002	-1.33770333	2.37E-05	0.000744739	Down
A	chr13	<i>RCBTB1</i>	2.247836444	1.168537067	0.001371997	0.013644476	Up
A	chr19	<i>FBL</i>	0.594268813	-0.750812423	0.001890974	0.017046193	Down
A	chr3	<i>KIF15</i>	2.156274503	1.108540851	0.000439263	0.006225518	Up
A	chr10	<i>CDC123</i>	2.03517656	1.025153959	0.007890819	0.04541396	Up
A	chrX	<i>LONRF3</i>	3.023359627	1.596152597	0.000287979	0.00455084	Up
A	chr6	<i>C6orf170</i>	5.13464071	2.360263329	4.30E-05	0.001184956	Up
A	chr7	<i>MYL10</i>	10.99677809	3.459008989	0.000634059	0.008050951	Up

A	chr1	<i>EPRS</i>	1.817448544	0.861914518	0.000477973	0.006602103	Up
A	chr11	<i>PRG2</i>	Inf	Inf	0.000588447	0.007665672	Up
A	chr22	<i>PLA2G6</i>	0.372109602	-1.426200475	8.41E-05	0.001930202	Down
A	chr1	<i>IFI44L</i>	0.067131562	-3.896864976	0.003566877	0.02631035	Down
A	chr16	<i>KCTD5</i>	2.247853354	1.16854792	0.008584079	0.048109914	Up
A	chrX	<i>IQSEC2</i>	0.322037236	-1.634700583	0.000236009	0.003954597	Down
A	chr2	<i>KIF1A</i>	0.263484915	-1.924207727	0.002928878	0.022953044	Down
A	chr1	<i>ATP1A1</i>	0.575409244	-0.797339697	0.000432669	0.006152209	Down
A	chr1	<i>ATP1A2</i>	0.476594227	-1.069166619	0.001058898	0.011432421	Down
A	chr2	<i>CNTNAP5</i>	0.043236835	-4.531595279	2.90E-05	0.000877141	Down
A	chr1	<i>ATP1A4</i>	0.38728894	-1.368517793	7.39E-06	0.000316029	Down
A	chr3	<i>SATB1</i>	0.578847859	-0.788743885	0.003288306	0.024940882	Down
A	chr16	<i>XPO6</i>	0.645572515	-0.631348938	0.00741829	0.043402484	Down
A	chr16	<i>SNORA46</i>	0.074681805	-3.743099385	2.09E-06	0.000122369	Down
A	chr1	<i>PIAS3</i>	0.369339252	-1.436981499	6.45E-05	0.001592701	Down
A	chr5	<i>FAM53C</i>	0.392423758	-1.349515707	3.00E-06	0.000161546	Down
A	chr19	<i>CLPTM1</i>	0.563418251	-0.827721797	0.001242481	0.012822287	Down
A	chr2	<i>BUB1</i>	3.09404695	1.629495089	4.69E-06	0.00022652	Up
A	chrX	<i>USP9X</i>	1.592367259	0.671173114	0.004093461	0.029023329	Up
A	chr3	<i>ALG3</i>	0.30679374	-1.704659049	0.00014645	0.002819189	Down
A	chrX	<i>RRAGB</i>	2.941686687	1.556643596	2.90E-05	0.000877141	Up
A	chr7	<i>CALU</i>	2.177315822	1.122550687	3.03E-05	0.000904362	Up
A	chr9	<i>PIGO</i>	0.410359015	-1.285041447	0.000967562	0.010739446	Down
A	chr2	<i>BCL11A</i>	0.584169121	-0.775541995	0.004385854	0.030402844	Down
A	chr11	<i>CYBASC3</i>	0.378412511	-1.401968307	0.000774506	0.009232535	Down
A	chr18	<i>RNMT</i>	2.034091246	1.024384398	0.0024027	0.020014321	Up
A	chr5	<i>TENM2</i>	0	#NAME?	1.74E-06	0.000107473	Down
A	chrX	<i>ITGB1BP2</i>	4.742048256	2.245510344	0.000656799	0.008196179	Up
A	chr9	<i>CACNA1B</i>	0.119470373	-3.065275201	0.001534391	0.014813909	Down
A	chr9	<i>ZNF367</i>	2.199336182	1.137068146	0.00059681	0.00772067	Up
A	chr9	<i>TESK1</i>	0.392975855	-1.347487421	0.000652589	0.00819062	Down
A	chr5	<i>SLC12A2</i>	1.800558741	0.848444666	0.006941325	0.041455275	Up
A	chr17	<i>PDK2</i>	0.205035159	-2.286056772	8.69E-08	1.15E-05	Down
A	chr4	<i>TENM3</i>	0.014918125	-6.066789978	1.41E-05	0.000504587	Down
A	chr12	<i>H2AFJ</i>	0.151647085	-2.721210333	3.83E-18	7.14E-15	Down
A	chr11	<i>H2AFX</i>	0.38030607	-1.394767129	7.71E-05	0.00181448	Down
A	chr8	<i>LOXL2</i>	0.335083293	-1.577408338	0.002335336	0.019628556	Down
A	chr16	<i>SIAH1</i>	3.387958439	1.760416177	0.003051462	0.023596407	Up
A	chr9	<i>SMU1</i>	1.775010063	0.827827204	0.003727335	0.027150055	Up
A	chr7	<i>ZMIZ2</i>	0.237767041	-2.072379352	7.08E-06	0.000305997	Down
A	chr7	<i>AKAP9</i>	1.819586667	0.863610768	0.002243806	0.019130238	Up
A	chr21	<i>SIK1</i>	0.370779347	-1.431367209	8.19E-05	0.001898511	Down
A	chr1	<i>TRNAU1AP</i>	1.935938343	0.953033006	0.003124131	0.024016069	Up
A	chr9	<i>NOTCH1</i>	0.247295707	-2.015690897	2.53E-06	0.000141693	Down

A	chr3	<i>RAB7A</i>	0.571769212	-0.806495157	0.004684513	0.031715225	Down
A	chr7	<i>TBXAS1</i>	1.873608256	0.905819338	0.005647032	0.035851509	Up
A	chr2	<i>XDH</i>	0.336336207	-1.572024002	0.000849678	0.009867297	Down
A	chr2	<i>CCDC88A</i>	2.29262314	1.196999225	1.82E-05	0.000612677	Up
A	chr1	<i>RSBN1</i>	1.717156453	0.780021492	0.001806616	0.016502278	Up
A	chr3	<i>SEMA3F</i>	0.061441512	-4.024642462	0.008767332	0.048780897	Down
A	chr15	<i>MAN2A2</i>	0.410326466	-1.285155883	0.002231117	0.019117077	Down
A	chr9	<i>HNRNPK</i>	1.707292912	0.771710596	0.001586951	0.015164328	Up
A	chr1	<i>SLC41A1</i>	0.534010454	-0.905060111	0.003593597	0.026456413	Down
A	chr9	<i>NUP188</i>	0.580757017	-0.783993415	0.001407839	0.013869069	Down
A	chr17	<i>PIGS</i>	0.494264583	-1.016644563	0.007348527	0.043090893	Down
A	chr11	<i>ADRBK1</i>	0.525738083	-0.92758385	8.31E-05	0.001915951	Down
A	chr17	<i>CASKIN2</i>	0.241578393	-2.049436669	7.62E-08	1.02E-05	Down
A	chr5	<i>C5orf20</i>	0.115866215	-3.109468132	0.002565858	0.021011385	Down
A	chr8	<i>FNTA</i>	1.821310341	0.86497677	0.005737706	0.036285988	Up
A	chr18	<i>DYM</i>	0.55066289	-0.860758709	0.002442506	0.020268295	Down
A	chr12	<i>ABCB9</i>	0.241115532	-2.052203509	0.003443779	0.025755636	Down
A	chr22	<i>SGSM1</i>	0.436837432	-1.194831611	0.004636536	0.031538137	Down
A	chr18	<i>PTPN2</i>	1.985412929	0.989439092	0.006989741	0.041641759	Up
A	chr5	<i>CHD1</i>	1.6044834	0.682108864	0.005927761	0.037039729	Up
A	chrX	<i>FMR1</i>	2.168589393	1.116756915	4.83E-05	0.001272452	Up
A	chr2	<i>PNO1</i>	3.480549528	1.799315105	5.10E-05	0.001317861	Up
A	chr7	<i>KIAA1324L</i>	6.804086758	2.766401537	0.001168661	0.012223179	Up
A	chr4	<i>LEF1</i>	0.242554142	-2.043621279	0.001015187	0.011126148	Down
A	chr12	<i>LRP1</i>	0.336536472	-1.571165228	0.003485501	0.025983005	Down
A	chr19	<i>DOT1L</i>	0.525560369	-0.928071605	0.008414042	0.047462614	Down
A	chr21	<i>GCFC1</i>	2.131512142	1.091877274	2.92E-05	0.000880798	Up
A	chr1	<i>CEP350</i>	1.764874402	0.819565517	0.000862518	0.009963231	Up
A	chr2	<i>ACVR2A</i>	2.501484201	1.322784341	1.03E-05	0.000402664	Up
A	chr19	<i>SIPA1L3</i>	0.303824092	-1.718691821	0.001319366	0.013298601	Down
A	chr14	<i>CCNB1IP1</i>	0	#NAME?	0.008291697	0.047036732	Down
A	chr1	<i>ODF2L</i>	5.093114372	2.348548115	7.35E-05	0.001760487	Up
A	chr16	<i>XYLT1</i>	0.463498824	-1.109362415	0.008368505	0.047267025	Down
A	chr8	<i>VPS13B</i>	1.724197886	0.785925362	0.001057154	0.011432421	Up
A	chr9	<i>MED22</i>	0.410770839	-1.283594329	0.003792133	0.027484019	Down
A	chr2	<i>KIF5C</i>	0.15553134	-2.684722778	0.000765552	0.00915087	Down
A	chr1	<i>CHD1L</i>	2.096566338	1.06802848	0.002975421	0.023200519	Up
A	chr8	<i>EIF4EBP1</i>	0.339911234	-1.55677005	0.003844327	0.027708451	Down
A	chr19	<i>MPND</i>	0.441694981	-1.178877657	0.000878675	0.010078515	Down
A	chr17	<i>TMC6</i>	0.252793313	-1.983969793	0.000564778	0.007476075	Down
A	chr19	<i>EEF2</i>	0.49100709	-1.026184238	2.64E-06	0.000146676	Down
A	chr17	<i>TMC8</i>	0.2834481	-1.818843495	0.001598446	0.015251835	Down
A	chr10	<i>STAM</i>	1.733088952	0.793345704	0.008478944	0.047684471	Up
A	chr20	<i>RBL1</i>	1.943189193	0.958426372	0.000296457	0.004661106	Up

A	chr6	<i>PAK1IP1</i>	2.950028255	1.560728773	0.006197471	0.038307351	Up
A	chr22	<i>TTC28</i>	0.404518443	-1.305722614	0.000178926	0.003243778	Down
A	chrX	<i>LAMP2</i>	2.048917004	1.034861546	0.002738677	0.021930886	Up
A	chr16	<i>GLIS2</i>	0.338379383	-1.563286427	0.001292525	0.013129444	Down
A	chr10	<i>FAM21C</i>	Inf	Inf	0.005453305	0.034961686	Up
A	chrX	<i>OFD1</i>	3.55792318	1.831035361	0.001881175	0.016973535	Up
A	chr14	<i>EML5</i>	1.80034316	0.848271922	0.00529511	0.034301275	Up
A	chr10	<i>IFIT2</i>	4.893709825	2.290928559	0.0041487	0.02935121	Up
A	chr19	<i>ELAVL3</i>	0.148521037	-2.751260799	0.008253819	0.046885444	Down
A	chr6	<i>SYNCRIP</i>	1.808289084	0.854625334	0.000308057	0.004761727	Up
A	chr2	<i>METTL5</i>	3.532662666	1.820755993	0.000153045	0.002897896	Up
A	chr11	<i>EXT2</i>	0.51123314	-0.967946734	0.000232516	0.003921235	Down
A	chr2	<i>PRPF40A</i>	2.002526281	1.001821177	6.29E-05	0.00156274	Up
A	chr19	<i>GSK3A</i>	0.541888136	-0.883933033	0.000569475	0.00748576	Down
A	chr7	<i>ICA1</i>	2.889185764	1.530662967	5.86E-06	0.000266472	Up
A	chr1	<i>15-Sep</i>	1.972204252	0.979808973	0.003505943	0.026064663	Up
A	chr1	<i>DTL</i>	1.847740599	0.885762234	0.000990807	0.010913922	Up
A	chr1	<i>QSOX1</i>	0.418376157	-1.257127458	0.002748903	0.021932413	Down
A	chr5	<i>TBC1D9B</i>	0.599154103	-0.739000982	0.001741169	0.016106334	Down
A	chr13	<i>HS6ST3</i>	0.022377187	-5.481827477	0.000803147	0.009487313	Down
A	chr5	<i>XRCC4</i>	7.662634327	2.93784046	3.58E-07	3.31E-05	Up
A	chr14	<i>RALGAPA1</i>	1.789488643	0.839547387	0.004838449	0.032441487	Up
A	chr19	<i>SCAF1</i>	0.223591359	-2.161063658	4.64E-07	4.04E-05	Down
A	chr10	<i>HPS1</i>	0.49101378	-1.02616458	0.00172619	0.015991455	Down
A	chr7	<i>SGCE</i>	2.175636347	1.121437433	0.008105643	0.046351244	Up
A	chr3	<i>TOMM70A</i>	1.985301871	0.98935839	0.002133354	0.018589236	Up
A	chr19	<i>FZR1</i>	0.318895204	-1.648845696	2.18E-08	3.96E-06	Down
A	chr5	<i>FST</i>	0.01777796	-5.81376639	6.30E-05	0.001564552	Down
A	chr6	<i>PPARD</i>	0.179773093	-2.475750987	7.44E-05	0.001775951	Down
A	chr5	<i>PCDHGA4</i>	0.194269954	-2.363865308	0.000540211	0.007239415	Down
A	chr13	<i>GPR183</i>	0.232872278	-2.102389187	0.001265142	0.012962241	Down
A	chr8	<i>ZNF703</i>	0.037839037	-4.723980805	1.13E-09	3.21E-07	Down
A	chr11	<i>PTPN5</i>	0.055297361	-4.176645555	0.005491975	0.035175048	Down
A	chr2	<i>ITM2C</i>	0.574599651	-0.799370978	0.005809676	0.036581623	Down
A	chr17	<i>CDC27</i>	1.715779191	0.7788639	0.001849642	0.016824656	Up
A	chr15	<i>TMOD3</i>	1.802118901	0.849694201	0.00425638	0.029772312	Up
A	chr3	<i>DZIP3</i>	2.225299627	1.153999602	0.000299954	0.004694603	Up
A	chr13	<i>N6AMT2</i>	Inf	Inf	0.003034292	0.023514706	Up
A	chr17	<i>P2RX1</i>	3.142619206	1.65196747	0.003156886	0.02419661	Up
A	chr10	<i>FAM208B</i>	2.59112205	1.373576973	0.000191978	0.003418678	Up
A	chr19	<i>ATP1A3</i>	0.198675138	-2.331516748	1.37E-07	1.63E-05	Down
A	chr8	<i>CPQ</i>	1.818119002	0.862446632	0.00239853	0.020005117	Up
A	chr19	<i>ZNF426</i>	2.512792728	1.329291673	0.002818982	0.022332958	Up
A	chr19	<i>CDC34</i>	0.51518007	-0.956851311	0.006370267	0.039019755	Down

A	chr13	<i>DNAJC3</i>	2.085456707	1.060363363	0.000723606	0.008802642	Up
A	chr19	<i>LIN37</i>	0.463249935	-1.11013732	0.008894995	0.049302069	Down
A	chr18	<i>CXXC1</i>	0.487331912	-1.037023397	0.001300978	0.013164084	Down
A	chr1	<i>SUCO</i>	1.987601884	0.991028814	0.000100575	0.002166345	Up
A	chr1	<i>ZNF496</i>	0.366419146	-1.448433207	0.002083919	0.018292798	Down
A	chr2	<i>SRSF7</i>	1.85370125	0.890408752	0.000401782	0.005840161	Up
A	chr3	<i>KPNA1</i>	1.669236235	0.739188143	0.004478468	0.030799497	Up
A	chr3	<i>KPNA4</i>	1.588382781	0.667558626	0.006222941	0.038405697	Up
A	chr5	<i>PCDHGB6</i>	8.278683055	3.049401287	0.002908784	0.022831242	Up
A	chr16	<i>COG7</i>	0.472903147	-1.080383351	0.001004268	0.011034271	Down
A	chr12	<i>BICD1</i>	2.217030288	1.14862848	0.000607393	0.007826554	Up
A	chr7	<i>MKLN1</i>	1.825771146	0.86850594	0.000622656	0.007944798	Up
A	chr1	<i>DNTTIP2</i>	2.970740556	1.570822616	4.57E-05	0.001228943	Up
A	chr16	<i>CBFA2T3</i>	0.127623814	-2.970030539	4.32E-05	0.001184956	Down
A	chr19	<i>ZNF431</i>	3.390438985	1.761472082	0.00314442	0.024147748	Up
A	chr19	<i>NFIC</i>	0.409699122	-1.287363294	0.003626143	0.026617592	Down
A	chr19	<i>ZNF433</i>	2.132073935	1.092257468	0.004269515	0.029802128	Up
A	chr12	<i>SETD1B</i>	0.184004285	-2.442188733	0.001896194	0.017057902	Down
A	chrX	<i>TMEM164</i>	0.474898365	-1.074309306	2.73E-05	0.000837565	Down
A	chr5	<i>FAM172A</i>	1.966150005	0.975373394	0.000866409	0.009989112	Up
A	chr2	<i>ZC3H15</i>	2.303983005	1.204130075	0.000220054	0.003740059	Up
A	chr19	<i>NFIX</i>	0.460912629	-1.117434796	0.000890534	0.010160967	Down
A	chr1	<i>PLA2G4A</i>	2.501447321	1.32276307	1.04E-05	0.000403634	Up
A	chr17	<i>UBALD2</i>	0.458821203	-1.123996031	0.008642865	0.048397822	Down
A	chr10	<i>HHEX</i>	0.278365139	-1.844949546	6.28E-06	0.000274136	Down
A	chr6	<i>BRPF3</i>	0.444688869	-1.169131803	0.004682174	0.031715225	Down
A	chr5	<i>NUDT12</i>	5.352699249	2.420266595	0.000937614	0.010505302	Up
A	chr19	<i>ARHGAP33</i>	0.270417985	-1.886736991	3.59E-06	0.0001867	Down
A	chr15	<i>EDC3</i>	0.363454022	-1.460155225	8.55E-05	0.001948355	Down
A	chr3	<i>IFRD2</i>	0.509405909	-0.973112401	0.006058246	0.0376384	Down
A	chr19	<i>ZNF440</i>	14.6538007	3.873202994	7.43E-06	0.000316029	Up
A	chr12	<i>NUP37</i>	5.604183453	2.486504183	2.44E-06	0.000138685	Up
A	chr19	<i>SMG9</i>	0.482923208	-1.050134298	0.003513647	0.026064663	Down
A	chr2	<i>PPM1G</i>	0.622275192	-0.684375362	0.00442252	0.030543469	Down
A	chr6	<i>SENP6</i>	2.070518788	1.049992294	3.43E-05	0.00100086	Up
A	chr19	<i>RBM42</i>	0.423365526	-1.240024296	4.72E-05	0.001252313	Down
A	chr5	<i>SLU7</i>	2.295435945	1.198768173	0.000900393	0.010208926	Up
A	chr17	<i>GALK1</i>	0.494615859	-1.015619597	0.001554898	0.014925338	Down
A	chr1	<i>ADSS</i>	1.824746324	0.867695915	0.003501641	0.026064663	Up
A	chr1	<i>ABCB10</i>	0.314134251	-1.670546843	0.000474765	0.006571698	Down
A	chr3	<i>COL7A1</i>	0.051717702	-4.273198008	0.003090041	0.023856652	Down
A	chr16	<i>DHODH</i>	0.483266575	-1.049108881	0.007404438	0.043360307	Down
A	chr15	<i>UBE3A</i>	2.125033472	1.087485566	0.000137267	0.00270249	Up
A	chr1	<i>SKI</i>	0.388651766	-1.363450025	9.77E-05	0.002124882	Down

A	chr19	<i>CCDC97</i>	0.296626274	-1.753281702	0.006602268	0.040021924	Down
A	chr14	<i>RBM25</i>	1.683634344	0.751578844	0.002171806	0.018833916	Up
A	chr6	<i>PGM3</i>	2.749059189	1.458937969	0.002098755	0.018382819	Up
A	chr17	<i>SPNS2</i>	0.580664806	-0.7842225	0.001747894	0.016135259	Down
A	chr17	<i>SPNS3</i>	0.388036795	-1.365734636	0.002304752	0.019497038	Down
A	chr8	<i>WWP1</i>	2.334195232	1.222925233	3.08E-05	0.000916955	Up
A	chr10	<i>TYSND1</i>	0.295547094	-1.758540059	0.005949205	0.037102233	Down
A	chr19	<i>STRN4</i>	0.588260562	-0.765472777	0.005391841	0.034744636	Down
A	chr11	<i>SIPA1</i>	0.381439516	-1.390473786	1.35E-06	9.18E-05	Down
A	chr5	<i>FAM174A</i>	6.755830726	2.75613318	0.000111054	0.002310977	Up
A	chr6	<i>PRPF4B</i>	1.831672389	0.873161488	0.000316908	0.004860864	Up
A	chr3	<i>IQSEC1</i>	0.423788255	-1.23858449	1.97E-05	0.000647943	Down
A	chr1	<i>PYGO2</i>	0.287609521	-1.797816659	0.000192534	0.003423912	Down
A	chr5	<i>FNIP1</i>	1.746400879	0.804384761	0.001764605	0.016233288	Up
A	chr19	<i>TIMM13</i>	0.488941428	-1.032266446	0.002687723	0.021682848	Down
A	chr4	<i>IDUA</i>	0.326112643	-1.616557723	0.00189783	0.017060861	Down
A	chr15	<i>LOC100507217</i>	2.663848324	1.413511939	0.000656228	0.008196179	Up
A	chr11	<i>PITPNM1</i>	0.405309521	-1.302904029	6.98E-05	0.001698885	Down
A	chr16	<i>RANBP10</i>	0.342126992	-1.547396164	3.64E-07	3.35E-05	Down
A	chr13	<i>RBM26</i>	1.565526304	0.646647749	0.00872123	0.04862616	Up
A	chr7	<i>KCNH2</i>	0.353460785	-1.500377932	0.002678232	0.021646413	Down
A	chr16	<i>SPNS1</i>	0.412965742	-1.275905989	0.000729246	0.008846515	Down
A	chr7	<i>SNORA22</i>	0.122428923	-3.029983667	0.000753563	0.009055469	Down
A	chr3	<i>TRNT1</i>	3.897397817	1.962511198	0.000375872	0.005562008	Up
A	chrX	<i>PDZD4</i>	0.386197022	-1.372591057	0.003855187	0.027747536	Down
A	chr11	<i>ZBTB3</i>	0.334751603	-1.57883713	0.00086782	0.009989112	Down
A	chr4	<i>PCNAP1</i>	2.118468341	1.083021569	0.003880663	0.027877985	Up
A	chrX	<i>PRAF2</i>	0.141086459	-2.825348566	0.00394245	0.028182259	Down
A	chr12	<i>UBE3B</i>	0.389629728	-1.359824339	0.00012067	0.002445808	Down
A	chr2	<i>ARHGAP15</i>	1.704275601	0.769158654	0.002131343	0.018584117	Up
A	chr17	<i>TMEM104</i>	0.339883219	-1.55688896	0.002439913	0.020259659	Down
A	chr2	<i>ETAA1</i>	3.090876347	1.628015939	0.000433112	0.006152209	Up
A	chr11	<i>RBM14</i>	0.31785998	-1.653536708	3.57E-07	3.31E-05	Down
A	chr1	<i>LPGAT1</i>	2.637196312	1.399004969	0.000136891	0.002699147	Up
A	chr11	<i>GTF2H1</i>	1.901958925	0.92748609	0.002379225	0.019882215	Up
A	chr14	<i>SCFD1</i>	2.374299982	1.247502225	0.001058529	0.011432421	Up
A	chr16	<i>GSE1</i>	0.430845083	-1.214758874	0.001175205	0.012256335	Down
A	chr10	<i>DNAUC1</i>	1.809298216	0.855430219	0.006775151	0.040641565	Up
A	chrX	<i>BHLHB9</i>	4.24996906	2.087452338	9.85E-08	1.27E-05	Up
A	chr22	<i>DGCR2</i>	0.498134113	-1.005393881	0.000593294	0.007693406	Down
A	chr12	<i>TMTC3</i>	2.83422616	1.502954884	0.000488141	0.006692973	Up
A	chr4	<i>SRP72</i>	1.690127067	0.757131716	0.004820399	0.032383258	Up
A	chr16	<i>RPS2</i>	0.148521037	-2.751260799	0.003907607	0.027994511	Down
A	chrX	<i>SRPK3</i>	3.08622772	1.625844516	0.000563084	0.007469448	Up

A	chr18	<i>ADNP2</i>	0.480779599	-1.056552414	0.001962905	0.017477352	Down
A	chr5	<i>GPBP1</i>	1.661051266	0.7320966	0.002580847	0.021104644	Up
A	chr17	<i>SP2</i>	0.183987582	-2.442319696	4.01E-08	6.23E-06	Down
A	chr14	<i>SPTB</i>	0.285904843	-1.806393038	2.02E-05	0.000660877	Down
A	chr17	<i>DVL2</i>	0.354176781	-1.497458461	3.68E-06	0.000190038	Down
A	chr7	<i>ZNF117</i>	3.432662183	1.779327885	3.84E-05	0.001096893	Up
A	chr10	<i>PLXDC2</i>	3.861700823	1.949236399	0.000194825	0.003443062	Up
A	chr17	<i>NUFIP2</i>	1.650020604	0.722484039	0.002514074	0.020691181	Up
A	chr11	<i>ATG2A</i>	0.313001166	-1.675760061	8.36E-05	0.001924565	Down
A	chr19	<i>ZFP28</i>	3.665440314	1.873986514	0.00309569	0.023881821	Up
A	chr12	<i>CMKLR1</i>	0.023040567	-5.439679961	1.38E-06	9.18E-05	Down
A	chr5	<i>ARAP3</i>	0.421979989	-1.244753511	0.002560397	0.020979829	Down
A	chr19	<i>C19orf47</i>	0.30333943	-1.720995052	0.00069251	0.008501209	Down
A	chr5	<i>ZMAT2</i>	2.819675447	1.495529114	0.002936756	0.022979411	Up
A	chr17	<i>FLJ43681</i>	0.327459178	-1.610613029	0.001356335	0.013565889	Down
A	chr19	<i>MAST3</i>	0.306331519	-1.706834281	0.000995238	0.01094426	Down
A	chr17	<i>DYNLL2</i>	0.357238451	-1.485040722	6.27E-07	4.97E-05	Down
A	chr1	<i>ITPKB</i>	0.498527991	-1.004253583	0.005686225	0.036062607	Down
A	chr16	<i>CHTF18</i>	0.297650483	-1.748308858	0.006702295	0.040408805	Down
A	chr7	<i>SKAP2</i>	1.938289813	0.954784298	0.000331412	0.005030142	Up
A	chr11	<i>SLC37A4</i>	0.499159245	-1.002427947	0.006670595	0.04029212	Down
A	chr1	<i>CELSR2</i>	0.321537654	-1.636940399	0.005872828	0.036837106	Down
A	chr8	<i>MTMR9</i>	0.121043553	-3.046401858	0.001406638	0.013867709	Down
A	chr22	<i>SEC14L2</i>	0.193540764	-2.369290633	0.002174588	0.018835367	Down
A	chr2	<i>SSB</i>	3.582096244	1.8408041	0.000250687	0.004115996	Up
A	chr8	<i>EMC2</i>	2.613868374	1.386186493	0.00174607	0.016129833	Up
A	chr20	<i>TRMT6</i>	2.219657095	1.150336818	0.001034788	0.011277494	Up
A	chr3	<i>USP19</i>	0.499874735	-1.000361484	0.001629608	0.015447546	Down
A	chr13	<i>NBEA</i>	2.720700597	1.443978202	6.20E-05	0.001548367	Up
A	chr22	<i>SMTN</i>	0.327687331	-1.609608199	0.00518103	0.03381399	Down
A	chr11	<i>NAP1L4</i>	1.781873951	0.833395284	0.004076488	0.028934416	Up
A	chr17	<i>SLC4A1</i>	0.086355254	-3.533572234	1.61E-09	4.48E-07	Down
A	chr1	<i>CACHD1</i>	0.100451121	-3.315434425	0.003281625	0.024933091	Down
A	chr8	<i>SDCBP</i>	1.928756554	0.947671059	0.003806684	0.02751309	Up
A	chr4	<i>ARAP2</i>	2.065579313	1.046546457	0.005346216	0.034563724	Up
A	chr20	<i>NFATC2</i>	0.205477299	-2.28294908	6.60E-08	9.26E-06	Down
A	chr16	<i>ACD</i>	0.175721416	-2.508638064	1.21E-05	0.000454011	Down
A	chr14	<i>STRN3</i>	2.062689903	1.044526948	3.58E-05	0.001035325	Up
A	chr8	<i>EFR3A</i>	2.057727918	1.041052235	9.34E-05	0.002062619	Up
A	chr15	<i>MYO1E</i>	0.370241186	-1.433462705	0.007989168	0.045867516	Down
A	chr1	<i>MFN2</i>	0.584231563	-0.775387793	0.006434577	0.039266262	Down
A	chr19	<i>ZFP36</i>	0.310088408	-1.689248501	0.000147591	0.002820645	Down
A	chr4	<i>TMA16</i>	3.684439016	1.881444975	0.003426864	0.025751787	Up
A	chr1	<i>SCMH1</i>	0.51610294	-0.954269246	0.004004106	0.028529254	Down

A	chr7	<i>FGL2</i>	3.002316198	1.586075927	4.37E-05	0.001191841	Up
A	chr14	<i>REC8</i>	0.185916649	-2.427272128	0.000509915	0.006911658	Down
A	chr6	<i>SERPINB1</i>	2.09471228	1.066752095	0.002121887	0.018538432	Up
A	chr10	<i>SGMS1</i>	1.901494716	0.92713393	0.000396228	0.005778728	Up
A	chrX	<i>MOSPD1</i>	2.997593729	1.583804865	0.000448885	0.006327528	Up
A	chrX	<i>MOSPD2</i>	4.091906291	2.032773106	3.93E-05	0.001112997	Up
A	chr11	<i>PGM2L1</i>	1.843571519	0.882503385	0.001644773	0.015546141	Up
A	chr11	<i>ACAT1</i>	1.80734295	0.853870289	0.002550463	0.020923991	Up
A	chr1	<i>RRP15</i>	4.268070875	2.093584133	0.001401874	0.01383128	Up
A	chr1	<i>CTSE</i>	0.362196335	-1.465156147	0.003603674	0.026485783	Down
A	chr4	<i>DHX15</i>	1.773506598	0.826604697	0.000470256	0.00654398	Up
A	chr3	<i>TRAK1</i>	0.376990333	-1.407400566	2.47E-05	0.000771007	Down
A	chr10	<i>GTPBP4</i>	1.953664446	0.966182697	0.00247016	0.020432255	Up
A	chr5	<i>DMXL1</i>	1.827409395	0.869799878	0.000332516	0.00503518	Up
A	chr6	<i>TUBB</i>	0.581852697	-0.781274131	0.000456491	0.006400188	Down
A	chr5	<i>RICTOR</i>	1.797080734	0.845655224	0.001101811	0.011751735	Up
A	chr1	<i>PDIK1L</i>	1.823033902	0.866341391	0.004118253	0.029176822	Up
A	chr1	<i>GABPB2</i>	2.111836246	1.078497971	0.007596082	0.044220639	Up
A	chr14	<i>FUT8</i>	2.473801708	1.306729863	1.11E-07	1.40E-05	Up
A	chr7	<i>SNORA5C</i>	0.297941697	-1.746898052	0.000844651	0.009835177	Down
A	chr16	<i>KATNB1</i>	0.533174542	-0.9073202	0.005795177	0.036525568	Down
A	chr7	<i>HOXA3</i>	0.24718126	-2.016358727	7.51E-05	0.001787889	Down
A	chr3	<i>TFDP2</i>	2.03714407	1.026548014	0.000349043	0.00525497	Up
A	chr20	<i>CPNE1</i>	0.551267778	-0.859174819	0.002433149	0.020217726	Down
A	chr1	<i>NCSTN</i>	0.604413064	-0.726393252	0.00583436	0.03670164	Down
A	chr6	<i>CITED2</i>	0.527336509	-0.923204213	0.000252443	0.00413962	Down
A	chr7	<i>HOXA9</i>	0.340460063	-1.554442519	0.008942832	0.049526433	Down
A	chr5	<i>MAML1</i>	0.401255894	-1.31740551	0.000750551	0.009046117	Down
A	chr17	<i>SMURF2</i>	1.772381182	0.825688915	0.002745511	0.021930886	Up
A	chr11	<i>RBM4B</i>	0.532237783	-0.909857166	0.000431916	0.006152209	Down
A	chr15	<i>FAM169B</i>	0.144591057	-2.789949772	0.007704739	0.044638243	Down
A	chr1	<i>RNF220</i>	0.405573989	-1.301962965	0.000267061	0.004308955	Down
A	chr15	<i>ATPBD4</i>	2.959030162	1.565124402	6.93E-05	0.001691185	Up
A	chr8	<i>SCRIB</i>	0.490284315	-1.028309488	0.001285738	0.013092836	Down
A	chr8	<i>GFRA2</i>	0.092692972	-3.431396227	0.001657379	0.015613262	Down
A	chr18	<i>C18orf54</i>	26.0693653	4.704283554	5.56E-06	0.000254631	Up
A	chr11	<i>LRRC4C</i>	0	#NAME?	0.005127768	0.033649857	Down
A	chr1	<i>USP21</i>	0.473808534	-1.07762391	0.00019349	0.003436217	Down
A	chr5	<i>TMEM161B</i>	2.231698897	1.158142391	0.001615029	0.015398808	Up
A	chr17	<i>THRA</i>	0.574734434	-0.799032607	0.001553375	0.014925338	Down
A	chr11	<i>PIK3C2A</i>	2.255838327	1.173663675	4.09E-05	0.001151412	Up
A	chr12	<i>NFYB</i>	2.823983695	1.497731759	2.85E-05	0.000866865	Up
A	chr10	<i>ZRANB1</i>	2.301526756	1.202591214	6.50E-06	0.000282683	Up
A	chr6	<i>TMEM170B</i>	2.596061837	1.376324748	0.001944318	0.017352733	Up

A	chr17	<i>LASP1</i>	0.568085123	-0.815820972	0.004957958	0.032951233	Down
A	chr12	<i>FBXL14</i>	0.248214125	-2.01034288	2.34E-06	0.00013399	Down
A	chr19	<i>NOSIP</i>	0.366575564	-1.447817475	0.000129934	0.002577547	Down
A	chr2	<i>USP37</i>	1.876926055	0.908371814	0.000568652	0.00748576	Up
A	chr22	<i>RNU12</i>	0.14373609	-2.798505744	1.39E-26	9.04E-23	Down
A	chr14	<i>BCL11B</i>	0.227169655	-2.138157961	0.000936603	0.010502985	Down
A	chr3	<i>ATR</i>	2.012215599	1.008784891	0.000155671	0.002927713	Up
A	chrX	<i>PDHA1</i>	1.812257496	0.857787957	0.001860652	0.016854328	Up
A	chr4	<i>NCAPG</i>	2.135448201	1.094538903	0.001120897	0.011885516	Up
A	chr3	<i>GNAI2</i>	0.437647013	-1.192160372	1.31E-07	1.58E-05	Down
A	chr8	<i>PEX2</i>	2.190093923	1.130992742	0.005852594	0.036745505	Up
A	chr7	<i>GRB10</i>	5.976980995	2.579416956	4.47E-08	6.71E-06	Up
A	chr20	<i>SNORA51</i>	0.205984383	-2.279393133	0.000899576	0.010208926	Down
A	chr8	<i>PTK2</i>	2.233258597	1.159150316	0.005748217	0.036317269	Up
A	chr11	<i>ARL14EP</i>	2.998652213	1.584314206	0.002241559	0.019130238	Up
A	chr14	<i>MPP5</i>	1.89922664	0.925412077	0.004736448	0.031983891	Up
A	chr7	<i>BZW2</i>	1.583809667	0.663398971	0.008313763	0.047120948	Up
A	chr19	<i>PIH1D1</i>	0.443274285	-1.173728424	0.001366569	0.01363748	Down
A	chr19	<i>C19orf6</i>	0.478460466	-1.063528373	0.000104748	0.002221189	Down
A	chr15	<i>CHST14</i>	0.103682552	-3.26975496	1.16E-08	2.36E-06	Down
A	chr6	<i>ME1</i>	0.104677622	-3.255975043	0.000104355	0.002221189	Down
A	chr19	<i>GPR4</i>	0.159129683	-2.651725125	0.005869275	0.036832523	Down
A	chr16	<i>MC1R</i>	0	#NAME?	0.000128691	0.002560666	Down
A	chr1	<i>EBNA1BP2</i>	3.661615672	1.872480372	0.001049879	0.011397025	Up
A	chr12	<i>LRRK2</i>	2.195443007	1.134512083	0.001137769	0.011996201	Up
A	chr19	<i>SLC44A2</i>	0.517309103	-0.950901515	0.000215049	0.003675285	Down
A	chr1	<i>GFI1</i>	0.303872672	-1.718461161	0.00030553	0.004752811	Down
A	chr1	<i>TAGLN2</i>	0.508278666	-0.976308418	0.000102595	0.002202577	Down
A	chr3	<i>GOLGA4</i>	1.725473882	0.786992636	0.007287704	0.042927078	Up
A	chr3	<i>DHX36</i>	2.318542544	1.2132182	1.55E-05	0.000545853	Up
A	chr8	<i>POP1</i>	2.687673723	1.426358009	0.000754102	0.009055469	Up
A	chr2	<i>TSSC1</i>	2.732297345	1.450114495	0.00433164	0.030074945	Up
A	chr7	<i>NOD1</i>	0.383321962	-1.383371435	0.006441299	0.039276013	Down
A	chr7	<i>GBAS</i>	2.177821552	1.122885746	0.002998136	0.023327386	Up
A	chr4	<i>CDS1</i>	0.327373483	-1.610990624	0.002416186	0.020113821	Down
A	chr3	<i>ALS2CL</i>	4.606608943	2.203705132	0.000886065	0.010130511	Up
A	chr11	<i>LIN7C</i>	1.834252955	0.875192609	0.003775113	0.027406313	Up
A	chr10	<i>PPA1</i>	4.258678607	2.090405857	0.001868045	0.016889386	Up
A	chr19	<i>RAVER1</i>	0.342563492	-1.545556686	9.91E-06	0.000391885	Down
A	chr19	<i>TCF3</i>	0.48430297	-1.046018244	0.000920105	0.01038041	Down
A	chr16	<i>SNN</i>	0.373655215	-1.420220435	0.000809802	0.00955728	Down
A	chr11	<i>FNBP4</i>	1.8178177	0.862207526	0.000885841	0.010130511	Up
A	chr5	<i>SLC35A4</i>	0.487917892	-1.035289706	0.003873951	0.027860428	Down
A	chr20	<i>PLCB4</i>	1.940084235	0.956119293	0.000925256	0.010404252	Up

A	chr11	<i>CHEK1</i>	2.650823759	1.406440755	1.95E-05	0.000642287	Up
A	chr15	<i>MYO5A</i>	2.141223074	1.098435104	1.03E-05	0.000402279	Up
A	chr15	<i>C15orf39</i>	0.205209912	-2.284827678	9.16E-09	2.03E-06	Down
A	chr15	<i>BTBD1</i>	1.793739696	0.842970544	0.003469724	0.025894971	Up
A	chr9	<i>SETX</i>	1.914281909	0.936803305	0.000271386	0.004351838	Up
A	chr3	<i>GOLGB1</i>	1.842179502	0.881413645	0.004889761	0.032664306	Up
A	chr16	<i>RLTPR</i>	0.498092732	-1.005513734	0.006783623	0.040673694	Down
A	chr1	<i>SCARNA3</i>	0.210236817	-2.249912757	4.28E-06	0.000210155	Down
A	chr1	<i>SCARNA4</i>	0.034133684	-4.872660079	1.50E-06	9.77E-05	Down
A	chr16	<i>C16orf58</i>	0.282214576	-1.82513559	5.47E-05	0.001397103	Down
A	chr1	<i>RABGGTB</i>	3.606534661	1.850613289	0.006870392	0.041061915	Up
A	chr10	<i>OBFC1</i>	0.250627954	-1.996380756	0.004806367	0.03232239	Down
A	chrX	<i>NRK</i>	Inf	Inf	0.002728515	0.021903635	Up
A	chr20	<i>PLAGL2</i>	0.454790368	-1.136726395	0.004927561	0.032849566	Down
A	chr7	<i>CUL1</i>	2.08503277	1.060070058	2.33E-05	0.000737294	Up
A	chr1	<i>ELOVL1</i>	0.529897505	-0.916214762	0.001073925	0.011518444	Down
A	chr6	<i>AGPAT1</i>	0.251020916	-1.994120517	1.98E-09	5.16E-07	Down
A	chr8	<i>DCAF13</i>	2.443293788	1.288827348	0.008183923	0.046709553	Up
A	chr14	<i>EGLN3</i>	0.446442423	-1.163453971	0.002311421	0.019516357	Down
A	chr1	<i>SCAMP3</i>	0.331223172	-1.594124488	9.49E-06	0.000377746	Down
A	chr8	<i>EFHA2</i>	2.525445682	1.336538012	0.007122679	0.042240951	Up
A	chr2	<i>C2orf44</i>	0.192638643	-2.376030957	0.000847819	0.009854475	Down
A	chr1	<i>CEPT1</i>	1.806469474	0.853172876	0.005366462	0.034608905	Up
A	chr14	<i>SNORD8</i>	0.366329885	-1.448784695	0.001509587	0.014617686	Down
A	chr3	<i>SNX4</i>	1.724618882	0.786277581	0.004318176	0.030030173	Up
A	chrX	<i>GUCY2F</i>	0	#NAME?	0.000602466	0.007786124	Down
A	chr6	<i>HIST1H2AE</i>	0.303009325	-1.722565904	0.000376255	0.005562008	Down
A	chr6	<i>HIST1H2AG</i>	0.15246443	-2.713455393	1.58E-05	0.00055166	Down
A	chr6	<i>KLHDC3</i>	0.402570476	-1.312686723	0.000655358	0.008196179	Down
A	chr6	<i>HIST1H2AH</i>	0.624601826	-0.678991308	0.00869344	0.048548332	Down
A	chr6	<i>HIST1H2AI</i>	0.213980601	-2.224448083	7.54E-10	2.40E-07	Down
A	chr6	<i>CASP8AP2</i>	2.127262881	1.088998328	0.000146867	0.002819189	Up
A	chr17	<i>MIR142</i>	0.188364315	-2.408402416	1.02E-09	2.95E-07	Down
A	chr10	<i>FAM178A</i>	1.68418781	0.752053028	0.003187882	0.024376932	Up
A	chr1	<i>EDEM3</i>	1.744388244	0.802721173	0.002898445	0.022763778	Up
A	chr8	<i>ANGPT1</i>	2.554948448	1.353294181	1.97E-07	2.13E-05	Up
A	chr19	<i>ATP13A1</i>	0.573269843	-0.802713707	0.001268029	0.012981636	Down
A	chr9	<i>ZFAND5</i>	1.7812906	0.832922897	0.000646625	0.0081314	Up
A	chr6	<i>CMAHP</i>	0.3408554	-1.552768254	5.50E-05	0.001401333	Down
A	chr2	<i>FN1</i>	0.152846026	-2.709849049	0.005758802	0.036366544	Down
A	chr1	<i>SHC1</i>	0.52476229	-0.930264044	0.002711978	0.021825941	Down
A	chr3	<i>FXR1</i>	1.67396959	0.74327332	0.002471656	0.020432255	Up
A	chr11	<i>FAM111A</i>	4.711363572	2.236144668	1.77E-05	0.000602534	Up
A	chr3	<i>RNF123</i>	0.492326607	-1.022312386	0.000147396	0.002820645	Down

A	chr1	<i>NECAP2</i>	0.411515246	-1.280982215	0.007163897	0.042369889	Down
A	chr8	<i>TAF2</i>	1.730876647	0.791502913	0.004054585	0.028810289	Up
A	chr11	<i>SNORA3</i>	0.166340411	-2.587789396	1.35E-18	2.93E-15	Down
A	chr6	<i>HIST1H2BA</i>	0.165573661	-2.594454903	0.00515889	0.033695171	Down
A	chr7	<i>ZYX</i>	0.324541569	-1.623524817	0.002003866	0.017781418	Down
A	chr6	<i>HIST1H2BF</i>	0.420364744	-1.250286421	0.005205048	0.033900009	Down
A	chr20	<i>WISP2</i>	0.068458322	-3.868630267	0.003675041	0.026799057	Down
A	chr6	<i>HIST1H2BM</i>	1.827706468	0.87003439	0.006367697	0.039019755	Up
A	chr8	<i>ANK1</i>	0.18234332	-2.455270743	2.94E-09	7.37E-07	Down
A	chr6	<i>HIST1H2BO</i>	0.413350005	-1.274564189	0.000280982	0.004478215	Down
A	chr2	<i>DCTN1</i>	0.422196104	-1.24401483	1.28E-06	8.88E-05	Down
A	chr22	<i>CABIN1</i>	0.535784473	-0.900275323	0.002260498	0.019247408	Down
A	chr17	<i>EFCAB5</i>	0.082149986	-3.605595861	0.007157772	0.042354157	Down
A	chr19	<i>CHERP</i>	0.374603389	-1.416564143	0.004303256	0.029973536	Down
A	chr11	<i>RIC8A</i>	0.5823077	-0.780146399	0.006685514	0.040330358	Down
A	chr1	<i>FBXO42</i>	0.40749234	-1.295155154	0.000168261	0.003107191	Down
A	chr20	<i>PCED1A</i>	0.446944251	-1.161833205	0.002795174	0.022183857	Down
A	chr11	<i>DNAJC24</i>	12.14949833	3.602824839	0.005706221	0.036109189	Up
A	chr10	<i>NMT2</i>	1.877547349	0.908849291	0.005990617	0.037307027	Up
A	chr22	<i>PI4KAP1</i>	0.263773418	-1.922628913	0.004949752	0.032932992	Down
A	chr12	<i>IFFO1</i>	0.274518882	-1.865022711	5.08E-06	0.000240255	Down
A	chr5	<i>RAD17</i>	2.472863866	1.30618282	0.005837536	0.036703928	Up
A	chr12	<i>NUAK1</i>	0.219217078	-2.189567902	0.002433314	0.020217726	Down
A	chr3	<i>CADM2</i>	0	#NAME?	0.000255044	0.004166578	Down
A	chr1	<i>KCNN3</i>	0.068126632	-3.875637309	0.000831556	0.009726073	Down
A	chrX	<i>UPRT</i>	2.442147188	1.288150154	0.001032262	0.011265987	Up
A	chr2	<i>DDX1</i>	2.172063055	1.119065985	0.003582951	0.026392921	Up
A	chr10	<i>NRP1</i>	0.416220071	-1.264581557	0.00196788	0.017497776	Down
A	chr9	<i>RGP1</i>	0.573781071	-0.801427719	0.008205274	0.046770586	Down
A	chr17	<i>CACNA1G</i>	0.047407894	-4.39872889	6.52E-05	0.001605411	Down
A	chr16	<i>C16orf88</i>	Inf	Inf	7.94E-06	0.000334507	Up
A	chr13	<i>IRS2</i>	0.367726111	-1.443296474	0.000423761	0.006071739	Down
A	chr18	<i>IMPA2</i>	0.511735488	-0.96652981	0.00236136	0.019804166	Down
A	chr13	<i>N4BP2L2</i>	1.996494385	0.997469014	0.000504533	0.00687248	Up
A	chr11	<i>PTDSS2</i>	0.409940038	-1.286515192	0.00092646	0.010404252	Down
A	chr10	<i>TMEM180</i>	0.190367965	-2.393137375	4.06E-07	3.68E-05	Down
A	chr6	<i>PRIM2</i>	3.336901956	1.738509298	3.01E-05	0.000904245	Up
A	chr19	<i>NACC1</i>	0.488995619	-1.032106554	0.000162993	0.003035018	Down
A	chr1	<i>PGM1</i>	1.819136961	0.863254166	0.006175047	0.038236665	Up
A	chr15	<i>MYO9A</i>	2.623846689	1.391683426	4.01E-07	3.66E-05	Up
A	chr4	<i>METAP1</i>	2.330077738	1.220378088	0.000234577	0.003935649	Up
A	chr1	<i>RPRD2</i>	0.526308693	-0.926018872	0.005832759	0.03670164	Down
A	chr7	<i>FASTK</i>	0.519464651	-0.944902517	0.007774348	0.044902019	Down
A	chr20	<i>NAA20</i>	2.156717819	1.108837429	0.006282079	0.038697489	Up

A	chr19	<i>SARS2</i>	0.338612226	-1.562294029	0.000256333	0.004174669	Down
A	chr1	<i>HSP90B3P</i>	2.826628855	1.499082465	0.000372993	0.005538877	Up
A	chr19	<i>PPP6R1</i>	0.530690984	-0.914056057	9.41E-05	0.002074339	Down
A	chr19	<i>PPP5C</i>	0.595246105	-0.74844182	0.004970227	0.033015968	Down
A	chrX	<i>FOXO4</i>	0.449862207	-1.152444924	0.000195763	0.003443799	Down
A	chr17	<i>SSTR2</i>	0.279810557	-1.837477698	8.69E-06	0.000355572	Down
A	chr11	<i>RPS3</i>	1.60543753	0.682966529	0.007883026	0.045389122	Up
A	chr7	<i>CADPS2</i>	3.671050258	1.876192866	0.000126482	0.002524419	Up
A	chrX	<i>HCFC1</i>	0.484616735	-1.04508387	0.001140295	0.012013136	Down
A	chr17	<i>BRIP1</i>	2.242800969	1.165301598	0.000569287	0.00748576	Up
A	chr17	<i>SMARCD2</i>	0.593612498	-0.752406627	0.001899879	0.017067533	Down
A	chr16	<i>CYLD</i>	2.210097899	1.144110277	1.19E-05	0.000452471	Up
A	chr6	<i>BCLAF1</i>	2.026881286	1.019261593	0.00015252	0.002897881	Up
A	chr19	<i>CNOT3</i>	0.487788241	-1.035673116	0.00411958	0.029176822	Down
A	chr5	<i>ACTBL2</i>	0.55481972	-0.849909029	0.000816224	0.009607008	Down
A	chr3	<i>GNL3</i>	3.173849257	1.666233609	3.15E-08	5.14E-06	Up
A	chr7	<i>CASD1</i>	1.630158448	0.705012199	0.007045682	0.041879455	Up
A	chr19	<i>KLC3</i>	0.362516771	-1.463880354	0.005496841	0.035188949	Down
A	chrX	<i>DOCK11</i>	2.056920171	1.040485804	1.87E-05	0.00062082	Up
A	chr1	<i>TTC39A</i>	7.931262133	2.987550466	0.000857724	0.009925418	Up
A	chr3	<i>CX3CR1</i>	0.109533315	-3.190558362	0.000665914	0.008270388	Down
A	chr17	<i>VAT1</i>	0.515114166	-0.957035879	0.000954547	0.010613425	Down
A	chr6	<i>MCM9</i>	1.929309058	0.948084268	0.004987763	0.033081947	Up
A	chr19	<i>CLIP3</i>	0.114315776	-3.128903577	0.000815202	0.00960517	Down
A	chr10	<i>TIMM23</i>	4.931242103	2.301951085	3.53E-05	0.001026125	Up
A	chr12	<i>HNF1A</i>	0.031605263	-4.983691391	0.006969591	0.041559651	Down
A	chr9	<i>SIPR3</i>	0.227951845	-2.133199008	0.000145887	0.002815409	Down
A	chr12	<i>ANP32D</i>	6.804086758	2.766401537	0.001771168	0.016264797	Up
A	chr8	<i>DSCC1</i>	Inf	Inf	1.37E-06	9.18E-05	Up
A	chr3	<i>TNK2</i>	0.303471662	-1.720366292	0.000150171	0.002857409	Down
A	chrX	<i>ELK1</i>	0.437113978	-1.193918581	0.001401401	0.01383128	Down
A	chr14	<i>C14orf159</i>	0.287973657	-1.795991253	0.001724503	0.015989528	Down
A	chr7	<i>NFE2L3</i>	3.74849299	1.906310704	0.00421923	0.029657303	Up
A	chr17	<i>FBF1</i>	0.334751603	-1.57883713	0.000776607	0.009240699	Down
A	chr9	<i>ENG</i>	0.276429535	-1.855016325	9.11E-05	0.002028384	Down
A	chr13	<i>ZIC5</i>	0	#NAME?	1.68E-05	0.000578128	Down
A	chrX	<i>RLIM</i>	1.763329809	0.818302338	0.001163387	0.012177781	Up
A	chr14	<i>SUPT16H</i>	1.695527479	0.761734166	0.002193164	0.018897192	Up
A	chr3	<i>HLTF</i>	1.67358526	0.74294205	0.007414577	0.043400215	Up
A	chr2	<i>ORC4</i>	2.222495685	1.152180618	0.000191759	0.003418678	Up
A	chrX	<i>SMC1A</i>	1.579844791	0.659782831	0.005411226	0.034828761	Up
A	chr17	<i>TP53I13</i>	0.180663593	-2.468622288	0.001752858	0.016169653	Down
A	chr11	<i>ZFP91</i>	2.330011149	1.220336858	4.94E-05	0.001295503	Up
A	chr12	<i>B4GALNT1</i>	0.437567972	-1.192420951	2.04E-05	0.000667352	Down

A	chr11	<i>C11orf48</i>	6.461972874	2.691974695	0.002325514	0.019560033	Up
A	chr5	<i>RAD50</i>	1.672670473	0.742153253	0.004408028	0.030480863	Up
A	chr8	<i>RAD21-AS1</i>	0.125558153	-2.993572384	6.19E-08	8.79E-06	Down
A	chr10	<i>PPP2R2D</i>	2.200706635	1.13796684	0.008216009	0.046790386	Up
A	chrX	<i>RBBP7</i>	1.659886914	0.731084956	0.002248621	0.019158781	Up
A	chr8	<i>RB1CC1</i>	1.822929007	0.866258377	0.000499757	0.006830712	Up
A	chr14	<i>C14orf166</i>	1.929475305	0.948208579	0.000594113	0.007693406	Up
A	chr17	<i>MAPK7</i>	0.424950491	-1.234633325	0.002569477	0.021027823	Down
A	chr7	<i>TSPAN13</i>	1.780825204	0.832545917	0.00654506	0.039791645	Up
A	chr2	<i>INPP1</i>	3.586367916	1.842523498	0.007145078	0.042316107	Up
A	chr14	<i>ZC3H14</i>	1.581270137	0.661083852	0.006577652	0.039971179	Up
A	chr8	<i>CRISPLD1</i>	2.106242567	1.074671595	0.007033648	0.041846039	Up
A	chr11	<i>FAR1</i>	1.75933053	0.815026551	0.002594443	0.021162592	Up
A	chr14	<i>LRR1</i>	5.320380869	2.411529527	0.003100155	0.023896732	Up
A	chr1	<i>LMNA</i>	0.202966576	-2.300685926	0.000924931	0.010404252	Down
A	chr19	<i>ZC3H4</i>	0.483615193	-1.048068525	5.54E-05	0.001403862	Down
A	chr9	<i>ZER1</i>	0.4252158	-1.233732888	0.001067998	0.011483181	Down
A	chr17	<i>FAM222B</i>	0.256378674	-1.963651832	3.94E-06	0.000200072	Down
A	chr17	<i>RAB11FIP4</i>	0.408547756	-1.291423367	0.000121335	0.002455488	Down
A	chr1	<i>ACTA1</i>	0.185702941	-2.428931435	1.42E-16	1.69E-13	Down
A	chr11	<i>IGF2</i>	0	#NAME?	3.92E-05	0.001112997	Down
A	chr3	<i>TEX264</i>	0.312793154	-1.676719158	4.72E-06	0.00022652	Down
A	chr1	<i>S100A11</i>	0.277099156	-1.851525777	1.22E-05	0.000454011	Down
A	chr8	<i>ADCY8</i>	0.026852625	-5.218793071	0.002298423	0.01948137	Down
A	chr17	<i>COL1A1</i>	0.037926315	-4.720656985	0.000205521	0.00356878	Down
A	chr12	<i>CKAP4</i>	0.396425619	-1.334877894	2.43E-05	0.000761376	Down
A	chr16	<i>MAPK3</i>	0.446962971	-1.16177278	4.72E-05	0.001252313	Down
A	chr4	<i>RGS12</i>	0.573495593	-0.802145695	0.005941339	0.037088616	Down
A	chr15	<i>MYEF2</i>	1.825491818	0.868285202	0.003438378	0.025755636	Up
A	chr8	<i>MYC</i>	0.320491452	-1.641642215	0.000198699	0.003476725	Down
A	chr12	<i>SLC6A12</i>	0	#NAME?	0.005625651	0.035759366	Down
A	chr6	<i>EYA4</i>	0.065055719	-3.942180302	0.000473054	0.006562651	Down
A	chr15	<i>FES</i>	0.528333478	-0.920479265	0.000547172	0.007295269	Down
A	chr1	<i>EFHD2</i>	0.477513503	-1.066386565	0.008943063	0.049526433	Down
A	chr19	<i>PRKCSH</i>	0.484084271	-1.046669877	0.001204246	0.012495254	Down
A	chr9	<i>TMEM8B</i>	0.269496961	-1.891659093	0.001654107	0.015613262	Down
A	chr3	<i>FYTTD1</i>	2.55307422	1.352235479	0.000540752	0.007239415	Up
A	chr3	<i>TADA3</i>	0.476028604	-1.070879828	0.000886313	0.010130511	Down
A	chr9	<i>TGFBR1</i>	2.499265688	1.321504277	8.06E-06	0.000337354	Up
A	chr19	<i>SCAMP4</i>	0.252805074	-1.983902673	0.000680284	0.008409747	Down
A	chr11	<i>TBRG1</i>	1.847076637	0.885243726	0.006124827	0.03799713	Up
A	chr6	<i>EXOC2</i>	2.000864825	1.000623704	0.000256499	0.004174669	Up
A	chr17	<i>WDR81</i>	0.359804305	-1.474715648	0.001105609	0.011759876	Down
A	chr22	<i>KCTD17</i>	0.368206821	-1.441411742	0.007864177	0.045320572	Down

A	chr2	<i>RIF1</i>	2.421446666	1.275869227	8.80E-07	6.57E-05	Up
A	chr15	<i>RPAP1</i>	0.390258136	-1.357499387	3.48E-05	0.001015381	Down
A	chr5	<i>PJA2</i>	2.120394451	1.08433267	0.000459005	0.006416733	Up
A	chr1	<i>FHL3</i>	0.446901664	-1.161970678	0.008717462	0.04862616	Down
A	chr14	<i>DDHD1</i>	2.110097393	1.077309589	0.003324147	0.025126699	Up
A	chr6	<i>BAG6</i>	0.362590373	-1.463587474	0.000102815	0.002202807	Down
A	chr19	<i>ELANE</i>	0.196756308	-2.345518207	1.76E-07	1.94E-05	Down
A	chr11	<i>FAM118B</i>	2.511611745	1.328613464	0.000947468	0.010597511	Up
A	chr12	<i>CNOT2</i>	1.572397691	0.65296615	0.00674588	0.04057787	Up
A	chr19	<i>CIC</i>	0.287668114	-1.797522777	4.90E-05	0.001285968	Down
A	chr1	<i>SNORA14B</i>	0.392703644	-1.348487109	5.23E-05	0.001345405	Down
A	chr6	<i>ATF6B</i>	0.276624057	-1.854001469	1.57E-07	1.79E-05	Down
A	chr18	<i>KATNAL2</i>	0.02983625	-5.066789978	0.004413707	0.030498739	Down
A	chr10	<i>METTL10</i>	2.167165107	1.11580907	0.00485695	0.032526451	Up
A	chr1	<i>LUZP1</i>	2.044471184	1.031727729	0.008818374	0.04900223	Up
A	chr2	<i>TET3</i>	0.389383861	-1.360735007	0.000638651	0.008077821	Down
A	chr14	<i>TRIP11</i>	1.913833248	0.936465134	0.001742068	0.016106334	Up
A	chr19	<i>SSBP4</i>	0.279010885	-1.84160669	0.000578882	0.007571291	Down
A	chr11	<i>FAT3</i>	0.050270328	-4.314149079	0.001823367	0.016637093	Down
A	chr1	<i>SLC22A15</i>	0.389345817	-1.360875968	0.003385398	0.025469512	Down
A	chr12	<i>ALDH2</i>	0.451832437	-1.146140249	3.28E-06	0.00017259	Down
A	chr5	<i>GALNT10</i>	0.467900748	-1.09572556	0.001174919	0.012256335	Down
A	chr17	<i>UNC13D</i>	0.44747457	-1.1601224	5.55E-06	0.000254631	Down
A	chr7	<i>PUS7</i>	2.048786181	1.034769427	0.000592576	0.007693406	Up
A	chr20	<i>SYS1</i>	0.29980497	-1.737903795	1.34E-05	0.000485022	Down
A	chr4	<i>ARFIP1</i>	2.183270689	1.126491011	0.000678443	0.008402012	Up
A	chr19	<i>SPRED3</i>	0.132578931	-2.915076567	0.000170101	0.003118448	Down
A	chr3	<i>NBEAL2</i>	0.358643064	-1.479379364	0.000753456	0.009055469	Down
A	chr1	<i>RGS18</i>	3.297701618	1.721460867	0.000308256	0.004761727	Up
A	chr19	<i>RAB3A</i>	0.255031914	-1.971250299	0.001381152	0.013709637	Down
A	chr22	<i>TTL12</i>	0.245406323	-2.026755675	1.09E-08	2.26E-06	Down
A	chr14	<i>KTN1</i>	2.840067898	1.505925421	1.12E-07	1.40E-05	Up
A	chr8	<i>DOK2</i>	0.394463665	-1.34203568	0.006831222	0.040902723	Down
A	chr1	<i>WASF2</i>	0.341372888	-1.550579611	4.65E-05	0.001245137	Down
A	chr19	<i>FBXO46</i>	0.397958649	-1.329309563	0.002020872	0.017847392	Down
A	chr19	<i>QTRT1</i>	0.263582124	-1.923675563	0.000474552	0.006571698	Down
A	chr12	<i>ARF3</i>	0.40442051	-1.30607193	0.000112494	0.002330763	Down
A	chr16	<i>WDR90</i>	0.419884318	-1.251936186	0.001760723	0.01622107	Down
A	chr1	<i>SCP2</i>	1.763979498	0.818833794	0.004896023	0.032689408	Up
A	chr12	<i>RPH3A</i>	0.061441512	-4.024642462	0.005881146	0.036853862	Down
A	chr1	<i>ZNF644</i>	2.160528596	1.111384326	1.13E-05	0.000434355	Up
A	chr12	<i>TUBA1A</i>	0.578480469	-0.789659845	0.002065129	0.018159879	Down
A	chr12	<i>TUBA1B</i>	0.514976269	-0.957422144	4.37E-05	0.001191841	Down
A	chr10	<i>JMJD1C</i>	1.546142632	0.628673414	0.008290831	0.047036732	Up

A	chr11	<i>KIF18A</i>	1.961307292	0.97181559	0.006442193	0.039276013	Up
A	chr5	<i>DCP2</i>	1.873144795	0.905462425	0.001773693	0.016264797	Up
A	chr2	<i>SNORA70B</i>	0.243490678	-2.038061554	0.002743712	0.021930886	Down
A	chr19	<i>GMIP</i>	0.43470892	-1.201878397	0.007602749	0.044220639	Down
A	chr19	<i>ZNF121</i>	3.46016229	1.790839705	0.001269864	0.01299023	Up
A	chr9	<i>TEK</i>	1.987918806	0.991258833	0.008354805	0.047261686	Up
A	chr10	<i>TET1</i>	3.450114653	1.786644306	0.005350448	0.034573961	Up
A	chr22	<i>C22orf25</i>	0.290139918	-1.785179296	0.008087822	0.046302779	Down
A	chr22	<i>C22orf28</i>	1.858184147	0.893893481	0.000473106	0.006562651	Up
A	chr10	<i>LDB1</i>	0.500571352	-0.998352367	1.77E-05	0.000602534	Down
A	chr11	<i>GANAB</i>	0.636010366	-0.652877815	0.005543447	0.035400495	Down
A	chr9	<i>JAK2</i>	1.741477276	0.800311647	0.001873514	0.016923859	Up
A	chr1	<i>SNORA16A</i>	0.143679917	-2.799069678	9.48E-09	2.06E-06	Down
A	chr19	<i>CKM</i>	0.014918125	-6.066789978	1.59E-05	0.000554107	Down
A	chr10	<i>MAPK8</i>	1.863396017	0.897934315	0.001679533	0.015737931	Up
A	chr14	<i>PELI2</i>	0.350737169	-1.51153777	0.000215117	0.003675285	Down
A	chr6	<i>UFL1</i>	2.207383463	1.142337274	0.00068455	0.008439857	Up
A	chr1	<i>GATAD2B</i>	0.541641661	-0.884589386	0.003225979	0.024599168	Down
A	chr20	<i>E2F1</i>	0.304875208	-1.713709259	0.000446785	0.006304742	Down
A	chr15	<i>GLCE</i>	1.863973166	0.898381091	0.002743966	0.021930886	Up
A	chr9	<i>LRRC8A</i>	0.409376489	-1.288499847	3.98E-06	0.000201163	Down
A	chr7	<i>PHTF2</i>	2.123526462	1.086462087	0.000183008	0.003290367	Up
A	chr17	<i>TAOK1</i>	1.55606408	0.637901473	0.00810694	0.046351244	Up
A	chr16	<i>NAE1</i>	3.694422235	1.885348761	2.05E-06	0.000120613	Up
A	chr17	<i>KIF1C</i>	0.479304311	-1.06098618	0.003108753	0.02394015	Down
A	chr11	<i>PYGM</i>	0.486278954	-1.040143941	0.000952536	0.010611686	Down
A	chr22	<i>C22orf32</i>	0.508599316	-0.975398573	0.004430574	0.030566748	Down
A	chrX	<i>GPRASP1</i>	4.247600871	2.086648208	3.80E-05	0.001089064	Up
A	chr9	<i>C9orf89</i>	0.490604158	-1.027368635	0.006713219	0.040455978	Down
A	chr7	<i>FBXL18</i>	0.261418633	-1.935566122	0.000783041	0.0093001	Down
A	chr5	<i>NDST1</i>	0.425052911	-1.234285655	6.19E-06	0.0002739	Down
A	chr4	<i>BBS12</i>	3.725938078	1.897603698	0.00760799	0.044220639	Up
A	chr5	<i>MEGF10</i>	0.046081134	-4.439679961	0.002225902	0.01911493	Down
A	chr1	<i>PTGFRN</i>	0.130619287	-2.936560152	0.004468046	0.030776468	Down
A	chr4	<i>POLR2B</i>	1.6507897	0.723156342	0.005160243	0.033695171	Up
A	chr11	<i>ZNF202</i>	6.204060702	2.633212802	0.003376969	0.025434627	Up
A	chr11	<i>RPS6KA4</i>	0.365218871	-1.453166783	0.000244677	0.004053012	Down
A	chr11	<i>SPI1</i>	0.427874193	-1.224741429	2.15E-05	0.000691501	Down
A	chr17	<i>ARHGAP23</i>	0.289588679	-1.787922894	1.25E-05	0.000462595	Down
A	chr17	<i>ARHGAP27</i>	0.320944253	-1.639605368	9.36E-07	6.90E-05	Down
A	chr5	<i>HNRNPH1</i>	2.061439998	1.04365247	1.22E-05	0.000454011	Up
A	chr17	<i>FLCN</i>	0.485136162	-1.043538372	0.000576148	0.007558248	Down
A	chr5	<i>SMIM3</i>	0.309920006	-1.690032209	0.00513855	0.033654535	Down
A	chr4	<i>NDST3</i>	0.083742097	-3.577903138	0.008024002	0.045977741	Down

A	chr10	<i>CUL2</i>	1.971800922	0.979513901	0.000654724	0.008196179	Up
A	chr12	<i>ZNF384</i>	0.607688581	-0.718595911	0.004587629	0.031352002	Down
A	chr18	<i>THOC1</i>	2.404586792	1.265789	0.000338868	0.005113572	Up
A	chr2	<i>ACTG2</i>	0.652740311	-0.615418957	0.007617453	0.044250385	Down
A	chr1	<i>GGPS1</i>	2.070017447	1.049642927	0.005706984	0.036109189	Up
A	chr13	<i>SACS</i>	2.179975541	1.124311948	6.24E-06	0.000274136	Up
A	chr16	<i>YPEL3</i>	0.359917603	-1.474261431	1.45E-06	9.53E-05	Down
A	chr12	<i>ELK3</i>	0.462255872	-1.11323645	1.46E-05	0.000519262	Down
A	chr8	<i>CSPP1</i>	1.891735436	0.919710338	0.006165455	0.038213527	Up
A	chr19	<i>ZNF600</i>	Inf	Inf	0.007764615	0.044865657	Up
A	chr16	<i>PGP</i>	0.448351032	-1.157299378	0.001714669	0.015948418	Down
A	chr19	<i>ZNF606</i>	2.949893885	1.560663058	2.80E-06	0.000152424	Up
A	chr16	<i>FBXO31</i>	0.295619425	-1.758187025	1.24E-05	0.000459279	Down
A	chr11	<i>FAM168A</i>	0.315194958	-1.665683636	6.14E-06	0.000272505	Down
A	chr11	<i>ZNF214</i>	4.021765541	2.007828978	0.000682377	0.008426739	Up
A	chr20	<i>NCOR1P1</i>	0.294665807	-1.762848433	0.000535255	0.007180552	Down
A	chr12	<i>ANKRD52</i>	0.337400401	-1.567466407	0.001028483	0.011234127	Down
A	chr10	<i>DPYSL4</i>	0.088162123	-3.503697217	3.40E-06	0.000178187	Down
A	chr9	<i>PPP2R4</i>	0.550507525	-0.86116581	0.000642499	0.008102939	Down
A	chr12	<i>CEP290</i>	2.107834679	1.075761718	0.000949634	0.010601638	Up
A	chrX	<i>STAG2</i>	1.957627921	0.969106583	0.000325034	0.004956387	Up
A	chr12	<i>SPPL3</i>	0.531223224	-0.912609876	0.000665662	0.008270388	Down
A	chr6	<i>COL9A1</i>	0	#NAME?	0.001917005	0.017162326	Down
A	chr16	<i>ALDOA</i>	0.631937592	-0.662146005	0.004806386	0.03232239	Down
A	chr6	<i>GMDS</i>	2.00271974	1.001960545	0.005255899	0.034165962	Up
A	chrX	<i>POLA1</i>	2.070165606	1.049746183	2.80E-05	0.000858462	Up
A	chr3	<i>ATP2C1</i>	1.924151149	0.944222133	0.000430748	0.006151584	Up
A	chr9	<i>HINT2</i>	0.27425785	-1.866395182	0.00494449	0.03292879	Down
A	chr14	<i>WDHD1</i>	1.697736615	0.763612658	0.005392832	0.034744636	Up
A	chr20	<i>CPXM1</i>	4.360459882	2.124480299	0.003511026	0.026064663	Up
A	chr3	<i>ADAMTS9</i>	0.077244144	-3.694430633	0.000428048	0.006119733	Down
A	chr9	<i>TOPORS</i>	1.950051891	0.963512514	0.000462616	0.006458318	Up
A	chr9	<i>TAF1L</i>	2.322455382	1.21565088	3.93E-05	0.001112997	Up
A	chr20	<i>TSHZ2</i>	0.091783194	-3.445626171	1.58E-07	1.79E-05	Down
A	chr9	<i>OMD</i>	4.749204611	2.247685914	0.002926739	0.022953044	Up
A	chr16	<i>THOC6</i>	0.417638973	-1.259671748	0.00373969	0.027224858	Down
A	chr1	<i>USP1</i>	1.988841711	0.991928459	0.000302637	0.004719625	Up
A	chr1	<i>MCL1</i>	1.698509391	0.764269195	0.004138155	0.029292483	Up
A	chr1	<i>ZNF684</i>	11.64428807	3.54155053	0.007503175	0.043761817	Up
A	chr19	<i>ERCC2</i>	0.555705689	-0.847607086	0.004669057	0.031676302	Down
A	chr3	<i>LRRC33</i>	0.544070817	-0.878133647	0.000558714	0.007426567	Down
A	chr1	<i>ZNF687</i>	0.40027182	-1.320948045	1.06E-06	7.56E-05	Down
A	chr10	<i>TCF7L2</i>	0.316619878	-1.659176262	0.005149042	0.033685842	Down
A	chr7	<i>SNX10</i>	2.274194833	1.185355857	0.000565909	0.007476527	Up

A	chr2	<i>CNNM3</i>	0.322193401	-1.634001149	9.04E-06	0.000364153	Down
A	chr7	<i>SNX13</i>	2.245500012	1.16703673	2.35E-05	0.000739468	Up
A	chr14	<i>RPPH1</i>	0.226596603	-2.141801864	4.41E-05	0.001197455	Down
A	chr5	<i>MOCS2</i>	3.214562341	1.68462233	0.001634386	0.0154816	Up
A	chr19	<i>ZNF160</i>	3.259819698	1.70479217	0.001687833	0.015781719	Up
A	chr19	<i>KHSRP</i>	0.315757419	-1.663111463	0.000155885	0.002927713	Down
A	chr12	<i>AMN1</i>	0.276832917	-1.852912598	0.007315354	0.043012305	Down
A	chr19	<i>NCLN</i>	0.378999635	-1.399731638	0.000120466	0.002445474	Down
A	chr12	<i>SHMT2</i>	0.467274357	-1.097658227	0.000123745	0.002488814	Down
A	chr6	<i>KIAA1009</i>	3.226935069	1.690164549	0.000153099	0.002897896	Up
A	chr2	<i>SLC4A1AP</i>	2.260371783	1.176560085	0.00129747	0.013146525	Up
A	chr3	<i>SCAP</i>	0.505027322	-0.985566654	9.19E-05	0.002039072	Down
A	chr4	<i>SLC25A4</i>	1.741249211	0.800122699	0.007683625	0.044535681	Up
A	chr15	<i>IMP3</i>	0.34975771	-1.515572236	0.000143161	0.002784927	Down
A	chr1	<i>NASP</i>	2.908533401	1.540291872	0.003266987	0.024858002	Up
A	chrX	<i>PGRMC1</i>	1.850750686	0.888110563	0.004618494	0.031481446	Up
A	chr19	<i>ZNF625</i>	2.609908189	1.383999057	1.23E-06	8.56E-05	Up
A	chr4	<i>WHSC1</i>	1.566471164	0.647518212	0.008800708	0.048924892	Up
A	chr22	<i>MN1</i>	0.21961866	-2.186927456	2.14E-05	0.000691245	Down
A	chr19	<i>ZNF628</i>	0.244519395	-2.031979192	0.000283015	0.004499626	Down
A	chr16	<i>SLC38A7</i>	0.266925173	-1.905492726	8.47E-05	0.001935778	Down
A	chr7	<i>REPIN1</i>	0.399723633	-1.322925223	0.000215444	0.003676064	Down
A	chr1	<i>WDTC1</i>	0.361381686	-1.4684047	0.000173118	0.003164859	Down
A	chr15	<i>TLE3</i>	0.328699791	-1.605157556	1.18E-07	1.47E-05	Down
A	chr5	<i>PCYOX1L</i>	0.358675204	-1.479250083	0.000548277	0.007295269	Down
A	chr3	<i>CLCN2</i>	0.360433938	-1.472193234	0.000900291	0.010208926	Down
A	chr14	<i>AP1G2</i>	0.530698034	-0.91403689	0.002184382	0.018870109	Down
A	chr20	<i>ZNF335</i>	0.582884293	-0.778718568	0.008413337	0.047462614	Down
A	chr10	<i>KIF11</i>	1.872363195	0.904860311	0.00042542	0.006088823	Up
A	chr7	<i>CCDC132</i>	1.94225557	0.957733049	0.001368669	0.013644476	Up
A	chr1	<i>AHDC1</i>	0.220385848	-2.181896513	0.000459146	0.006416733	Down
A	chr3	<i>SNORA62</i>	0.238870724	-2.065698049	0.000742159	0.008954753	Down
A	chr3	<i>SNORA63</i>	0.37450976	-1.416924779	7.05E-05	0.001704356	Down
A	chr2	<i>DNAH6</i>	0.036864907	-4.761608056	0.000480936	0.006633814	Down
A	chr2	<i>DNAH7</i>	0.094815788	-3.39872889	8.67E-06	0.000355572	Down
A	chrX	<i>CASK</i>	1.783851425	0.83499546	0.006732097	0.040532317	Up
A	chr6	<i>MLLT4</i>	3.341565362	1.740524094	1.86E-07	2.02E-05	Up
A	chr12	<i>BLOC1S1</i>	2.247301818	1.168193895	0.00824449	0.046870787	Up
A	chr11	<i>IL10RA</i>	0.149363611	-2.743099385	0.008741031	0.048696831	Down
A	chr3	<i>MCCC1</i>	2.598034221	1.377420434	0.007603357	0.044220639	Up
A	chr1	<i>PTBP2</i>	2.298457578	1.200666039	1.71E-05	0.00058736	Up
A	chr17	<i>MIF4GD</i>	0.229868762	-2.121117672	5.58E-07	4.61E-05	Down
A	chrX	<i>HTATSF1</i>	2.000698547	1.000503807	0.00273151	0.021914196	Up
A	chrX	<i>ARHGGEF6</i>	1.601068483	0.679035018	0.006660333	0.040262599	Up

A	chr5	LARS	1.83208414	0.873485762	0.003436924	0.025755636	Up
A	chr16	PLK1	0.259128393	-1.948260995	2.18E-08	3.96E-06	Down
A	chr1	MEF2D	0.26399848	-1.921398469	7.31E-08	1.00E-05	Down
A	chr17	EVPL	0.211414762	-2.241851978	0.002315691	0.019526298	Down
A	chr20	TRPC4AP	0.489176855	-1.03157195	0.000117736	0.002412724	Down
A	chr10	TRIM8	0.37924934	-1.398781426	7.22E-07	5.56E-05	Down
A	chr18	MBP	0.449291059	-1.154277742	0.008119594	0.046403264	Down
A	chr18	CTIF	0.297183549	-1.750573841	0.00177159	0.016264797	Down
A	chrY	ZFY	2.464365209	1.301216074	0.000116475	0.002394247	Up
A	chr16	CLUAP1	2.069690152	1.049414802	0.00255198	0.020923991	Up
A	chr5	MSH3	3.085010673	1.625275481	9.01E-06	0.000364153	Up
A	chrX	MID1P1	0.516710117	-0.952572962	0.00872462	0.04862616	Down
A	chr7	CHST12	0.335416085	-1.57597622	0.000254651	0.004165362	Down
A	chr19	ZNF180	2.746901	1.457804916	0.000364884	0.005443242	Up
A	chr10	ANXA11	0.474554507	-1.075354293	0.000126305	0.002524419	Down
A	chr15	FANCI	2.519723742	1.333265568	0.000672194	0.00834045	Up
A	chr22	FBXW4P1	0.264244529	-1.920054494	1.94E-05	0.000640863	Down
A	chr11	EML3	0.501934932	-0.994427741	0.000403244	0.00585305	Down
A	chr3	SNORA7B	0.313735865	-1.672377633	1.80E-05	0.00060904	Down
A	chr17	PELP1	0.373827756	-1.419554405	1.54E-05	0.000542205	Down
A	chr8	ATAD2	1.995978454	0.997096148	8.68E-05	0.001966236	Up
A	chr1	KIF21B	0.445843384	-1.165391087	0.007057104	0.041909182	Down
A	chr6	ABCC10	0.309993154	-1.689691741	0.000154325	0.002915199	Down
A	chr3	ARMC8	1.705192221	0.769934379	0.004484052	0.030805434	Up
A	chr6	TULP4	0.227510497	-2.135994984	3.18E-05	0.000938677	Down
A	chr5	FAM193B	0.553075333	-0.854452096	0.003652122	0.026717553	Down
A	chr1	ZBTB40	0.463986082	-1.107846566	0.002939984	0.022979411	Down
A	chr1	ZBTB41	2.260639323	1.176730833	9.94E-05	0.002148445	Up
A	chr4	TIGD2	2.25328774	1.172031554	0.002063644	0.018159879	Up
A	chr11	CD3E	0	#NAME?	0.001917005	0.017162326	Down
A	chr14	IRF2BPL	0.401989497	-1.314770287	0.001356946	0.013565889	Down
A	chr1	LGALS8	3.237177982	1.694736688	0.007089436	0.04208204	Up
A	chr1	NAV1	0.317618991	-1.654630918	0.001356872	0.013565889	Down
A	chr22	SBF1	0.448403507	-1.157130534	6.02E-05	0.001506362	Down
A	chr3	SNORA81	0.092478394	-3.434739846	1.22E-40	1.59E-36	Down
A	chr4	HAUS3	2.139324763	1.097155509	0.000307193	0.004761727	Up
A	chr22	KREMEN1	0.386903079	-1.369955885	0.002644758	0.021442256	Down
A	chr17	EIF1	0.433821767	-1.204825654	8.97E-05	0.002003835	Down
A	chr6	TCP1	2.219703466	1.150366957	0.008448252	0.047593886	Up
A	chr5	GDNF	0.068458322	-3.868630267	0.005397552	0.03475789	Down
A	chr1	SEPN1	0.443216842	-1.17391539	0.001542589	0.014870191	Down
A	chr12	ZNF385A	0.249229558	-2.004452916	0.004232628	0.029719468	Down
A	chr11	SNORD97	0.486933407	-1.038203613	0.003812653	0.027540983	Down
A	chr11	RHOG	0.307162486	-1.702926067	4.86E-10	1.71E-07	Down

A	chr17	<i>UNK</i>	0.470428839	-1.08795159	0.000281499	0.004480981	Down
A	chr2	<i>DARS</i>	2.021372306	1.015335068	0.007997901	0.045888613	Up
A	chr19	<i>MED16</i>	0.25019247	-1.998889727	2.64E-06	0.000146676	Down
A	chr6	<i>RNGTT</i>	1.805188504	0.852149496	0.003805426	0.02751309	Up
A	chr22	<i>SMCR7L</i>	0.55635405	-0.845924825	0.003597174	0.026467821	Down
A	chr9	<i>ANXA1</i>	2.570265885	1.361917609	0.003430235	0.025755636	Up
A	chr1	<i>CACNA1E</i>	0.387580573	-1.367431835	0.003378813	0.025434627	Down
A	chr21	<i>RUNX1</i>	0.562112357	-0.831069564	0.005076644	0.033497557	Down
A	chr10	<i>CPEB3</i>	0.189576891	-2.399144983	0.00042012	0.006026188	Down
A	chr19	<i>MEGF8</i>	0.345762164	-1.532148087	0.002462821	0.020385037	Down
A	chr14	<i>CALM1</i>	1.93798307	0.954555968	0.001854872	0.016831651	Up
A	chrX	<i>MAGEH1</i>	5.982586898	2.580769447	0.006346574	0.038966056	Up
A	chr11	<i>MUC6</i>	0.028444736	-5.135694484	0.003648209	0.026717553	Down
A	chr18	<i>ME2</i>	2.295471799	1.198790708	0.000517088	0.006979889	Up
A	chr19	<i>ZNF667</i>	3.835018691	1.939233609	0.000454006	0.006379821	Up
A	chr8	<i>PRKDC</i>	2.037414196	1.026739302	0.00011963	0.002432288	Up
A	chr7	<i>FO XK1</i>	0.376205514	-1.410407101	0.001149596	0.012072143	Down
A	chr20	<i>SLCO4A1</i>	0.251898352	-1.989086409	0.000323866	0.004950149	Down
A	chr19	<i>MED25</i>	0.208014813	-2.265241828	1.69E-11	9.57E-09	Down
A	chr12	<i>LMBR1L</i>	0.471856307	-1.083580508	0.002634407	0.02139963	Down
A	chr22	<i>FOXRED2</i>	0.485783314	-1.041615157	0.002551079	0.020923991	Down
A	chr2	<i>SDC1</i>	0.442864955	-1.175061258	0.003504186	0.026064663	Down
A	chr12	<i>NDUFA4L2</i>	4.869714784	2.283837277	0.000246799	0.00407365	Up
A	chr2	<i>LOC100129726</i>	0	#NAME?	0.001947229	0.01736146	Down
A	chr4	<i>FBXL5</i>	1.93487698	0.952241843	0.002596576	0.021162592	Up
A	chr1	<i>RERE</i>	0.489350347	-1.031060373	0.003897175	0.027943283	Down
A	chr2	<i>SESTD1</i>	2.131514771	1.091879053	0.001437201	0.014057222	Up
A	chr12	<i>FGD4</i>	2.373635136	1.247098187	0.000280637	0.004478215	Up
A	chr10	<i>KIF5B</i>	2.396960598	1.261206194	3.72E-06	0.000191221	Up
A	chr11	<i>SF1</i>	0.407616225	-1.294716616	0.000154872	0.002921299	Down
A	chr7	<i>POM121</i>	0.10181285	-3.296008441	1.06E-05	0.000410683	Down
A	chr3	<i>SNORA6</i>	0.22491662	-2.152537825	3.47E-07	3.25E-05	Down
A	chr1	<i>CMPK1</i>	1.694619165	0.760961091	0.007964965	0.04577236	Up
A	chr5	<i>SNX2</i>	1.691486784	0.758291905	0.006308559	0.038805664	Up
A	chr20	<i>NDUFAF5</i>	2.788512762	1.479495874	0.001892757	0.017050487	Up
A	chr1	<i>ZBTB7B</i>	0.417819486	-1.259048316	0.00321331	0.024542617	Down
A	chr7	<i>7-Sep</i>	2.377102584	1.249204164	0.001823924	0.016637093	Up
A	chr16	<i>COTL1</i>	0.370176164	-1.433716094	0.000160215	0.00299182	Down
A	chr11	<i>SYVN1</i>	0.269534833	-1.891456367	1.16E-05	0.000441811	Down
A	chr17	<i>MED24</i>	0.470351481	-1.088188849	1.90E-05	0.000629397	Down
A	chr2	<i>IMMT</i>	1.828489929	0.870652681	0.001052096	0.011397025	Up
A	chr15	<i>DPP8</i>	1.573163093	0.653668245	0.009050338	0.049972108	Up
A	chrX	<i>ARMCX2</i>	2.306157159	1.205490832	0.000257284	0.004182223	Up
A	chr19	<i>OAZ1</i>	0.493436113	-1.01906479	1.22E-05	0.000454011	Down

A	chr19	<i>LYL1</i>	0.414228453	-1.27150144	0.000286493	0.004538342	Down
A	chr1	<i>AGTRAP</i>	0.175222462	-2.512740367	0.000971384	0.010745315	Down
A	chr15	<i>NTRK3</i>	0	#NAME?	5.04E-05	0.00130896	Down
A	chr2	<i>RANBP2</i>	2.127302519	1.089025211	1.28E-05	0.000468758	Up
A	chr22	<i>ZC3H7B</i>	0.596108296	-0.746353642	0.006768901	0.040632818	Down
A	chr8	<i>EBAG9</i>	2.803470381	1.487213828	0.000305858	0.004752811	Up
A	chr12	<i>ZFC3H1</i>	1.714399046	0.777702953	0.00165593	0.015613262	Up
A	chr19	<i>BCKDHA</i>	0.540857408	-0.886679804	0.003115727	0.023979706	Down
A	chr11	<i>SORL1</i>	0.508533844	-0.975584303	0.000179992	0.003254069	Down
A	chr8	<i>PLAG1</i>	2.080441902	1.056890001	0.003557781	0.026266804	Up
A	chr7	<i>RALA</i>	2.893249625	1.532690802	0.00037929	0.005582588	Up
A	chr10	<i>ZMIZ1</i>	0.295672684	-1.757927131	0.001252983	0.012908597	Down
A	chr16	<i>ZNF646</i>	0.619225754	-0.69146262	0.008305167	0.047092681	Down
A	chr19	<i>ZNF93</i>	Inf	Inf	0.002369607	0.019827235	Up
A	chr6	<i>AMD1</i>	1.553379754	0.635410568	0.009042071	0.049949419	Up
A	chr7	<i>ORAI2</i>	0.322864093	-1.631001093	1.51E-05	0.00053551	Down
A	chr14	<i>PARP2</i>	1.940071329	0.956109696	0.001358329	0.013565889	Up
A	chr5	<i>SLC25A46</i>	1.830271871	0.872057964	0.004425249	0.03054615	Up
A	chr5	<i>ERBB2IP</i>	1.742694919	0.801320029	0.000865973	0.009989112	Up
A	chr17	<i>TRAF4</i>	0.482564173	-1.051207286	0.008363939	0.047261686	Down
A	chr1	<i>LEPROT</i>	0.485713093	-1.041823717	0.007731362	0.044693298	Down
A	chr8	<i>CSMD1</i>	0.02983625	-5.066789978	0.006361858	0.039018613	Down
A	chr15	<i>RPUSD2</i>	0.419189673	-1.254324919	0.001916276	0.017162326	Down
A	chrX	<i>KDM6A</i>	2.121241049	1.084908572	2.20E-05	0.000706242	Up
A	chr11	<i>PRDM11</i>	0.451047906	-1.148647425	0.000617983	0.007900616	Down
A	chr2	<i>PAPOLG</i>	1.967725767	0.976529173	0.000458551	0.006416733	Up
A	chr17	<i>MED31</i>	Inf	Inf	4.96E-06	0.000235448	Up
A	chr11	<i>TEAD1</i>	0.033496839	-4.899831232	3.25E-06	0.000171605	Down
A	chr12	<i>TPCN1</i>	0.354497424	-1.496152952	0.000260622	0.004220716	Down
A	chr20	<i>PSMF1</i>	0.503020728	-0.991310244	0.002011642	0.017814089	Down
A	chr17	<i>FAM195B</i>	0.358768893	-1.478873289	0.003178095	0.024330603	Down
A	chr17	<i>RHBDF2</i>	0.192868892	-2.37430763	1.60E-06	0.000101791	Down
A	chr19	<i>TECR</i>	0.563554453	-0.827373078	0.003415371	0.025680209	Down
A	chr1	<i>VANGL2</i>	0.322421932	-1.632978213	2.49E-05	0.000774222	Down
A	chr14	<i>SRSF5</i>	1.704614098	0.769445169	0.001132983	0.011965069	Up
A	chr11	<i>CD81</i>	0.576586329	-0.794391463	0.005345448	0.034563724	Down
A	chr11	<i>CD82</i>	0.236737678	-2.078638759	5.93E-06	0.000266834	Down
A	chr1	<i>KIF26B</i>	0.114539456	-3.126083439	0.005689941	0.036062607	Down
A	chr8	<i>SHARPIN</i>	0.412197304	-1.278593026	0.007491823	0.04371514	Down
A	chr17	<i>KIAA0195</i>	0.258817052	-1.949995422	2.24E-08	4.00E-06	Down
A	chr9	<i>RPL12</i>	2.000681823	1.000491748	0.004465547	0.030775491	Up
A	chrX	<i>ZFX</i>	1.992012269	0.994226533	0.000100837	0.002168416	Up
A	chr7	<i>TMEM106B</i>	2.129262321	1.090353698	0.002296061	0.019473999	Up
A	chrX	<i>DDX3X</i>	2.192393514	1.132506772	2.11E-06	0.00012307	Up

A	chr2	<i>PRKD3</i>	1.71210476	0.775770979	0.002665426	0.021569624	Up
A	chr11	<i>ARNTL</i>	3.413505593	1.771254116	0.003283813	0.024935204	Up
A	chr7	<i>PRKAR2B</i>	1.675635527	0.744708378	0.008210305	0.04677831	Up
A	chr19	<i>EMC10</i>	0.296052598	-1.756074579	3.56E-05	0.001031639	Down
A	chr6	<i>GFOD1</i>	0.19433682	-2.363368831	6.44E-07	5.07E-05	Down
A	chr7	<i>MDH2</i>	0.362038049	-1.465786768	2.23E-07	2.34E-05	Down
A	chr17	<i>CAMTA2</i>	0.315721722	-1.663274571	0.00061667	0.007899307	Down
A	chr12	<i>IPO8</i>	1.955402919	0.967465911	0.00297716	0.023200519	Up
A	chr11	<i>PHRF1</i>	0.563830515	-0.826666535	0.006052504	0.03762441	Down
A	chr17	<i>HGS</i>	0.524901791	-0.929880575	0.004749817	0.03205758	Down
A	chr21	<i>PSMG1</i>	7.660359883	2.937412171	4.60E-07	4.03E-05	Up
A	chr20	<i>TOX2</i>	0.192744708	-2.375236843	0.005491241	0.035175048	Down
A	chr8	<i>GPAA1</i>	0.507879443	-0.977442014	0.008233735	0.046830043	Down
A	chr7	<i>TES</i>	1.705418655	0.770125943	0.004618082	0.031481446	Up
A	chr12	<i>KCNA1</i>	0.081787917	-3.611968472	0.000336336	0.005087127	Down
A	chrX	<i>CXorf23</i>	2.193103965	1.132974205	0.008467051	0.047658655	Up
A	chr6	<i>FOXO3</i>	0.273372371	-1.871060654	5.19E-07	4.37E-05	Down
A	chr12	<i>KCNA6</i>	0	#NAME?	3.81E-06	0.000194287	Down
A	chr12	<i>MTERFD3</i>	20.15965514	4.333399055	9.51E-05	0.002078553	Up
A	chr7	<i>AGFG2</i>	0.260836609	-1.938781725	3.87E-05	0.001102645	Down
A	chr14	<i>MED6</i>	2.134878833	1.094154191	0.007205111	0.04257506	Up
A	chr1	<i>PIGV</i>	0.427212075	-1.226975671	0.006415858	0.03917034	Down
A	chr18	<i>LAMA3</i>	0.094784879	-3.399199265	0.000109435	0.002281868	Down
A	chr9	<i>VPS13A</i>	2.292904979	1.197176569	2.18E-06	0.000126207	Up
A	chr7	<i>BET1</i>	2.181857597	1.125556945	0.007102621	0.042141139	Up
A	chr15	<i>FSD2</i>	0.127609295	-2.970194678	0.005355479	0.034589344	Down
A	chr13	<i>KPNA3</i>	1.60566677	0.683172516	0.005799796	0.036537036	Up
A	chr8	<i>RAB11FIP1</i>	0.250533803	-1.996922824	0.006616974	0.040079516	Down
A	chr9	<i>PSIP1</i>	1.870111013	0.903123913	0.002243772	0.019130238	Up
A	chr2	<i>POTEF</i>	0.574556615	-0.799479036	0.00495269	0.032932992	Down
A	chr2	<i>KCNK12</i>	0.108769975	-3.200647732	8.81E-14	6.77E-11	Down
A	chrX	<i>CETN2</i>	1.806297539	0.853035557	0.008323512	0.047135271	Up
A	chr17	<i>ATXN7L3</i>	0.600331018	-0.736169883	0.003035492	0.023514706	Down
A	chr14	<i>OXA1L</i>	0.336124719	-1.572931449	0.000325513	0.004957905	Down
A	chr1	<i>ADAM15</i>	0.325764681	-1.618097898	0.000272454	0.004363615	Down
A	chr2	<i>VRK2</i>	2.487557745	1.314730016	0.001296735	0.013146525	Up
A	chr22	<i>TMEM184B</i>	0.363372945	-1.460477089	0.000254493	0.004165362	Down
A	chr15	<i>NARG2</i>	2.255550256	1.173479431	0.001932827	0.017280266	Up
A	chr20	<i>SUMO1P1</i>	3.32825263	1.734764945	7.18E-05	0.001729057	Up
A	chr9	<i>PTENP1</i>	1.951889163	0.964871132	0.000408797	0.005889651	Up
A	chr6	<i>FOXP4</i>	0.22278051	-2.166305073	0.000350593	0.005272231	Down
A	chr16	<i>ZFPM1</i>	0.191943092	-2.381249458	1.07E-08	2.26E-06	Down
A	chr14	<i>NFKBIA</i>	0.502146533	-0.993819672	0.000736417	0.008908667	Down
A	chr5	<i>LOC644936</i>	0.319130502	-1.647781587	2.75E-08	4.60E-06	Down

A	chr6	<i>TBC1D22B</i>	0.480222442	-1.058225269	0.002378565	0.019882215	Down
A	chr18	<i>GALNT1</i>	1.785976741	0.836713292	0.000581907	0.007603236	Up
A	chr6	<i>ASCC3</i>	1.855495777	0.891804718	0.000361324	0.005402472	Up
A	chr17	<i>SENP3</i>	9.063033648	3.179994041	0.000205509	0.00356878	Up
A	chr22	<i>CARD10</i>	0.042133169	-4.56889975	1.25E-07	1.53E-05	Down
A	chr7	<i>CROT</i>	2.013232636	1.009513891	0.001499442	0.014555297	Up
A	chr18	<i>OSBPL1A</i>	2.095121949	1.06703422	7.84E-05	0.001829714	Up
A	chr5	<i>KIAA0141</i>	0.497919283	-1.006016207	0.003898108	0.027943283	Down
A	chr1	<i>GMEB1</i>	0.510694487	-0.969467611	0.001543638	0.014870191	Down
A	chr12	<i>MBD6</i>	0.235863187	-2.083977828	5.31E-06	0.00024748	Down
A	chr11	<i>RPLPOP2</i>	0.127643682	-2.969805959	5.55E-10	1.88E-07	Down
A	chr12	<i>SP7</i>	0.028444736	-5.135694484	0.004195579	0.029554718	Down
A	chr1	<i>STK40</i>	0.431054582	-1.214057533	0.004649462	0.031576185	Down
A	chr19	<i>SPHK2</i>	0.389866952	-1.358946227	0.008254252	0.046885444	Down
A	chr12	<i>SCARNA11</i>	0.257533804	-1.957166283	1.04E-05	0.000403634	Down
A	chr12	<i>SOX5</i>	0.245570647	-2.025789969	0.000608303	0.007830549	Down
A	chr11	<i>KCNC1</i>	0.083848162	-3.576077027	0.003744539	0.027244964	Down
A	chr1	<i>NCDN</i>	0.30673583	-1.704931396	5.04E-09	1.22E-06	Down
A	chr15	<i>UBE2Q2</i>	2.517808358	1.332168477	9.19E-06	0.000367786	Up
A	chr1	<i>BCL2L15</i>	0.073234431	-3.771334094	0.004681565	0.031715225	Down
A	chr17	<i>SRP68</i>	0.619175623	-0.691579421	0.007821162	0.04515242	Down
A	chr2	<i>FASTKD2</i>	8.257454902	3.045697185	0.000247713	0.00408258	Up
A	chr14	<i>SRP54</i>	2.205290019	1.140968398	4.13E-06	0.000204912	Up
A	chr12	<i>EP400NL</i>	Inf	Inf	0.001184737	0.012332037	Up
A	chr3	<i>SMC4</i>	2.20390568	1.140062483	1.35E-05	0.000487856	Up
A	chrX	<i>DKC1</i>	1.785375139	0.836227242	0.002518314	0.02071301	Up
A	chr19	<i>DUS3L</i>	0.339066752	-1.560358771	0.000692685	0.008501209	Down
A	chr11	<i>GPR137</i>	0.437807345	-1.191631935	0.002705024	0.021795483	Down
A	chr4	<i>ZNF330</i>	2.275068257	1.18590983	0.001772704	0.016264797	Up
A	chr11	<i>ALG1L9P</i>	0	#NAME?	0.007726505	0.044693298	Down
A	chr1	<i>PEAR1</i>	0.295411668	-1.759201286	0.000122208	0.002464217	Down
A	chr7	<i>PNPLA8</i>	3.132438561	1.647286213	1.18E-06	8.29E-05	Up
A	chr9	<i>NOL6</i>	0.445597486	-1.166187003	0.000358493	0.005366296	Down
A	chr2	<i>CCT4</i>	1.746833549	0.804742144	0.005363119	0.034608905	Up
A	chr9	<i>NOL8</i>	2.729172802	1.448463744	0.00223736	0.019117077	Up
A	chr3	<i>RPL24</i>	2.521068669	1.334035415	4.71E-06	0.00022652	Up
A	chr16	<i>DUS2L</i>	0.403901126	-1.307925926	0.002950908	0.023037204	Down
A	chr22	<i>LDOC1L</i>	0.145519371	-2.780716879	0.001401883	0.01383128	Down
A	chr17	<i>TRIM25</i>	0.380328424	-1.394682332	0.000232099	0.003919268	Down
A	chr20	<i>DPM1</i>	2.092360202	1.065131235	0.00238701	0.019934512	Up
A	chr10	<i>MTRNR2L5</i>	0.264999707	-1.91593733	8.81E-14	6.77E-11	Down
A	chr6	<i>GRM4</i>	0	#NAME?	0.006379266	0.039019943	Down
A	chr4	<i>PDE5A</i>	3.293312456	1.719539395	0.000270813	0.004348002	Up
A	chrX	<i>MAGT1</i>	2.07960594	1.056310181	0.000994073	0.010940671	Up

A	chr19	WIZ	0.207478568	-2.268965775	0.000594004	0.007693406	Down
A	chr7	RAPGEF5	3.587960027	1.843163818	0.001574442	0.01507791	Up
A	chr4	TMEM128	4.901670382	2.293273472	0.000153187	0.002897896	Up
A	chr19	SUV420H2	0.454729826	-1.13691846	0.001399437	0.01383128	Down
A	chr16	TUBB3	0.510896956	-0.968895755	2.55E-05	0.000790926	Down
A	chr11	FAU	0.563372041	-0.827840128	0.000401229	0.005838622	Down
A	chr17	RABEP1	1.73972689	0.798860843	0.004328768	0.030071002	Up
A	chr9	PHF2	0.482628308	-1.051015556	0.005237768	0.034082049	Down
A	chr6	SNORA29	0.251703236	-1.99020433	7.70E-07	5.85E-05	Down
A	chr15	CALML4	4.265857364	2.092835728	0.007224734	0.042633116	Up
A	chr4	NEK1	1.871220535	0.903979599	0.004177284	0.029505458	Up
A	chr5	RHOBTB3	3.21621548	1.685364068	1.50E-06	9.77E-05	Up
A	chr7	SAMD9L	3.042774453	1.605387397	2.18E-07	2.31E-05	Up
A	chr1	ZZZ3	1.910529422	0.933972475	0.000312424	0.004803379	Up
A	chr17	TRIM37	1.693074121	0.759645134	0.003823918	0.027607083	Up
A	chr16	MAZ	0.304199721	-1.716909265	1.64E-13	1.19E-10	Down
A	chr9	FBXW5	0.487511803	-1.036490946	0.001069094	0.011485502	Down
A	chr4	MYL5	9.611761628	3.26480087	0.007398752	0.043346456	Up
A	chr19	ZBTB7A	0.254317879	-1.975295207	4.59E-08	6.81E-06	Down
A	chr6	RGL2	0.599496999	-0.738175564	0.006811372	0.040821321	Down
A	chr6	SNORA38	0.145815758	-2.777781458	0.007850042	0.045260031	Down
A	chr5	TNIP1	0.464756076	-1.105454367	0.00065614	0.008196179	Down
A	chr16	CDH8	3.777520513	1.91743959	0.000617882	0.007900616	Up
A	chr7	LOC407835	0.411587883	-1.280727584	0.000742285	0.008954753	Down
A	chr3	PIK3CA	1.69904287	0.764722255	0.003288383	0.024940882	Up
A	chr19	DHX34	0.322183105	-1.634047254	4.39E-05	0.001192992	Down
A	chr9	GCNT1	3.112360068	1.638008975	0.000234216	0.003934648	Up
A	chr2	FKBP7	Inf	Inf	0.00146536	0.014284796	Up
A	chr1	KIAA0754	1.809389358	0.855502892	0.007235116	0.042675088	Up
A	chr12	USP15	1.695934495	0.762080447	0.001853798	0.016831651	Up
A	chr1	SEMA6C	0.164433704	-2.604422057	0.000181981	0.003276418	Down
A	chr14	OSGEP	3.057724273	1.612458319	0.002402358	0.020014321	Up
A	chr12	ENDOU	0.039498115	-4.662072382	0.000175723	0.003203513	Down
A	chrX	XIST	61.60827349	5.945052201	0.00020887	0.003606324	Up
A	chr20	PLK1S1	2.676456259	1.420324075	0.00024686	0.00407365	Up
A	chr12	STX2	0.375821317	-1.411881194	0.008775181	0.048803768	Down
A	chr10	ACADSB	3.345908905	1.742398167	0.004516328	0.030945735	Up
A	chr21	GABPA	2.507254749	1.326108588	0.000367968	0.005476725	Up
A	chr2	EIF2AK2	2.995756678	1.582920449	0.003351836	0.025303568	Up
A	chr15	DMXL2	2.85738423	1.514695047	0.000433148	0.006152209	Up
A	chr2	TLK1	1.732703754	0.793025013	0.00476177	0.032121648	Up
A	chr17	CCL4	0.047407894	-4.39872889	0.001533698	0.014813909	Down
A	chr12	MYL2	Inf	Inf	0.000446596	0.006304742	Up
A	chr11	ARAP1	0.41149395	-1.281056876	0.000783736	0.0093001	Down

A	chr2	<i>KCNIP3</i>	16.58920834	4.052173135	0.001136291	0.011990301	Up
A	chr2	<i>HPCAL1</i>	0.338298309	-1.563632129	4.13E-05	0.001156474	Down
A	chr16	<i>ST3GAL2</i>	0.466853161	-1.098959243	0.003882846	0.027878323	Down
A	chr17	<i>CCDC43</i>	3.365217248	1.750699644	0.001926976	0.017239768	Up
A	chr2	<i>TYW5</i>	3.777520513	1.91743959	0.002323238	0.019560033	Up
A	chr17	<i>MYBBP1A</i>	0.527051444	-0.923984309	0.001155973	0.012119608	Down
A	chr17	<i>CCDC47</i>	1.824935387	0.867845386	0.001348646	0.013520642	Up
A	chr7	<i>KDELR2</i>	0.552766447	-0.855258048	0.003846999	0.027712409	Down
A	chr19	<i>GLTSCR1</i>	0.143169706	-2.804201837	1.02E-08	2.18E-06	Down
A	chr15	<i>SLC28A2</i>	2.048571384	1.034618166	0.001055833	0.011427683	Up
A	chr17	<i>KSR1</i>	0.336748976	-1.570254535	0.000890203	0.010160967	Down
A	chr4	<i>FBXW7</i>	1.713929177	0.777307496	0.005641142	0.035831547	Up
A	chr17	<i>BRCA1</i>	3.167329133	1.663266793	0.000145545	0.002814521	Up
A	chr2	<i>IRS1</i>	0.068458322	-3.868630267	0.001104017	0.011755411	Down
A	chr1	<i>KIAA2013</i>	0.31208882	-1.679971417	0.000213339	0.003664101	Down
A	chr2	<i>SPOPL</i>	1.927872061	0.947009314	0.002083129	0.018292798	Up
A	chr1	<i>HLX</i>	0.130967434	-2.932719972	2.78E-06	0.000151922	Down
A	chr19	<i>HIF3A</i>	0.216380978	-2.208354415	0.003799516	0.02751309	Down
A	chr10	<i>ARHGAP12</i>	2.522412581	1.334804271	8.30E-05	0.001915951	Up
A	chr8	<i>TMED10P1</i>	0.24043335	-2.056291069	0.00085457	0.009915288	Down
A	chr12	<i>RAPGEF3</i>	0.296663776	-1.753099316	0.001638245	0.015506898	Down
A	chr17	<i>HOXB9</i>	0.058678561	-4.091022688	0.001838833	0.016749674	Down
A	chr4	<i>RASGEF1B</i>	4.635425666	2.212701826	0.002998801	0.023327386	Up
A	chr2	<i>LRP1B</i>	0.031605263	-4.983691391	7.35E-05	0.001760487	Down
A	chr11	<i>SNORA23</i>	0.26704899	-1.904823667	7.39E-11	3.22E-08	Down
A	chr2	<i>CTDSP1</i>	0.372909975	-1.423100707	3.01E-06	0.000161546	Down
A	chr14	<i>PNN</i>	1.654465456	0.72636517	0.004258401	0.029772312	Up
A	chr3	<i>APEH</i>	0.543951952	-0.878448872	0.001504476	0.014589844	Down
A	chrX	<i>ATP11C</i>	1.693658715	0.76014319	0.002756712	0.021981285	Up
A	chr14	<i>HIF1A</i>	1.68062441	0.748997343	0.005281488	0.034278091	Up
A	chr3	<i>TOPBP1</i>	2.447980054	1.291591803	1.36E-06	9.18E-05	Up
A	chr19	<i>MARK4</i>	0.279684339	-1.838128623	0.002819637	0.022332958	Down
A	chr6	<i>VAR5</i>	0.543960638	-0.878425835	0.000190833	0.003412253	Down
A	chr4	<i>SMARCA5</i>	2.024255704	1.017391543	0.002107706	0.018427249	Up
A	chr2	<i>NRXN1</i>	1.916883864	0.938762933	0.000319176	0.004885806	Up
A	chr17	<i>NLGN2</i>	0.410182796	-1.285661111	0.003660288	0.026736082	Down
A	chr12	<i>ATP2B1</i>	1.665442082	0.735905183	0.004181542	0.029506804	Up
A	chr11	<i>KCNJ5</i>	0.211839678	-2.238955262	0.001511382	0.014624213	Down
A	chr3	<i>DCUN1D1</i>	1.896151083	0.923073921	0.000325908	0.004958135	Up
A	chr11	<i>TCIRG1</i>	0.517897214	-0.949262297	0.001716657	0.015948418	Down
A	chr16	<i>FBXL19</i>	0.349569642	-1.516348194	5.10E-07	4.37E-05	Down
A	chr5	<i>RNF44</i>	0.480756564	-1.056621538	0.007655026	0.044389627	Down
A	chr10	<i>SLK</i>	1.747902261	0.805624515	0.00142184	0.013968558	Up
A	chr14	<i>SERPINA1</i>	0	#NAME?	7.74E-05	0.00181448	Down

A	chr5	<i>TAF7</i>	2.178219774	1.123149524	0.00100515	0.011034667	Up
A	chr19	<i>KCNN4</i>	0.461985174	-1.114081541	0.005262602	0.034192508	Down
A	chr1	<i>SWT1</i>	2.941472352	1.556538476	0.000108129	0.002266196	Up
A	chr5	<i>RASA1</i>	1.696275106	0.762370169	0.00212607	0.018550532	Up
A	chr5	<i>DNAJC21</i>	2.281128221	1.189747542	0.00612763	0.03799713	Up
A	chr1	<i>CACYBP</i>	2.497241053	1.320335088	0.005364931	0.034608905	Up
A	chr17	<i>ATP1B2</i>	0.091631565	-3.448011534	1.67E-08	3.21E-06	Down
A	chr20	<i>PCIF1</i>	0.429560766	-1.219065864	1.68E-06	0.000105503	Down
A	chr5	<i>TTC37</i>	2.241313152	1.164344234	4.98E-05	0.001295503	Up
A	chr6	<i>HIST1H1E</i>	0.66433093	-0.59002601	0.008388133	0.047357397	Down
A	chr22	<i>RHBDD3</i>	0.19750327	-2.340051555	0.001779562	0.016289359	Down
A	chr4	<i>RNF4</i>	1.736144814	0.79588729	0.003951857	0.028234043	Up
A	chr11	<i>STARD10</i>	0.580458907	-0.784734159	0.004256505	0.029772312	Down
A	chr2	<i>TCF7L1</i>	0.080851381	-3.62858378	0.000699238	0.008554033	Down
A	chr13	<i>BRCA2</i>	5.062429731	2.339829978	1.85E-06	0.000113067	Up
A	chr11	<i>USP47</i>	1.617181761	0.693481838	0.005153653	0.033685842	Up
A	chr12	<i>DHX37</i>	0.278383806	-1.844852807	4.61E-05	0.001238024	Down
A	chr5	<i>MATR3</i>	1.808620627	0.854889823	0.001388195	0.013769084	Up
A	chr5	<i>SKP1</i>	1.726612206	0.787944092	0.002099807	0.018382819	Up
A	chr20	<i>TM9SF4</i>	0.529433061	-0.917479807	0.001430109	0.014024956	Down
A	chr1	<i>ELTD1</i>	1.795930903	0.844731845	0.000548108	0.007295269	Up
A	chr4	<i>CENPC1</i>	Inf	Inf	0.00467732	0.031715225	Up
A	chr22	<i>DES11</i>	0.369015224	-1.438247756	7.43E-06	0.000316029	Down
A	chr1	<i>ZNF362</i>	0.204652846	-2.288749362	1.54E-06	9.85E-05	Down
A	chr9	<i>SH2D3C</i>	0.208812691	-2.259718695	1.53E-06	9.85E-05	Down
A	chr17	<i>MMD</i>	0.469913847	-1.089531813	0.004575842	0.031287832	Down
A	chr2	<i>EPC2</i>	1.97661814	0.983034186	8.53E-05	0.001946232	Up
A	chr19	<i>TBC1D17</i>	0.401878157	-1.315169928	0.000635089	0.00805358	Down
A	chr17	<i>ALKBH5</i>	0.446543795	-1.163126421	8.46E-05	0.001935778	Down
A	chr16	<i>PIGQ</i>	0.323171012	-1.629630297	0.000178509	0.003240729	Down
A	chr16	<i>PDXDC1</i>	2.210472917	1.144355058	0.000792016	0.009381287	Up
A	chr15	<i>LYSMD2</i>	6.277648337	2.650224214	0.003650783	0.026717553	Up
A	chr14	<i>MTA1</i>	0.502642096	-0.992396594	4.32E-05	0.001184956	Down
A	chr19	<i>SIRT2</i>	0.356438973	-1.488273003	0.003203757	0.024483983	Down
A	chr12	<i>OTOGL</i>	0.19976502	-2.323624111	0.007593714	0.044220639	Down
A	chr7	<i>GNB2</i>	0.465001975	-1.10469125	2.69E-06	0.000148141	Down
A	chr2	<i>TTC30A</i>	6.208656842	2.634281195	0.006171747	0.038234371	Up
A	chr20	<i>TPD52L2</i>	1.910897157	0.934250135	0.006323611	0.038861626	Up
A	chr6	<i>VPS52</i>	0.380702306	-1.393264784	9.07E-06	0.000364153	Down
A	chr2	<i>NABP1</i>	2.208930701	1.143348159	0.001452924	0.01418476	Up
A	chr13	<i>KIAA1704</i>	1.979740109	0.985311053	0.005126365	0.033649857	Up
A	chr11	<i>CWF19L2</i>	2.247826486	1.168530676	0.005851574	0.036745505	Up
A	chr6	<i>TRMT11</i>	2.335968797	1.224021003	0.001422218	0.013968558	Up
A	chrX	<i>IGBP1</i>	2.19286215	1.132815123	0.00201543	0.017822278	Up

A	chr20	<i>RBM38</i>	0.38938836	-1.360718337	0.000364355	0.005441558	Down
A	chr20	<i>RBM39</i>	2.079309638	1.056104612	0.000487285	0.006688252	Up
A	chr7	<i>SLC12A9</i>	0.225010332	-2.151936844	0.00019493	0.003443062	Down
A	chr22	<i>GGA1</i>	0.463731485	-1.108638414	0.000392801	0.005741579	Down
A	chr1	<i>HNRNPR</i>	1.994005417	0.995669329	0.000454881	0.006384473	Up
A	chr12	<i>ERGIC2</i>	2.31612747	1.211714656	0.001358356	0.013565889	Up
A	chr17	<i>MNT</i>	0.394400544	-1.342266553	4.94E-06	0.000235233	Down
A	chr1	<i>LDLRAP1</i>	0.399830441	-1.32253978	0.000111185	0.002310977	Down
A	chr6	<i>HIST1H3A</i>	0.296592003	-1.753448398	4.34E-08	6.58E-06	Down
A	chr8	<i>RUNX1T1</i>	0.164063234	-2.607676119	6.25E-07	4.97E-05	Down
A	chr11	<i>SNORA57</i>	0.16945002	-2.561068284	3.95E-08	6.23E-06	Down
A	chr6	<i>HIST1H3C</i>	0.070198193	-3.832422301	2.59E-13	1.78E-10	Down
A	chr6	<i>HIST1H3D</i>	0.330735685	-1.596249382	4.79E-07	4.14E-05	Down
A	chr6	<i>HIST1H3E</i>	0.057933108	-4.109468132	1.76E-05	0.000600836	Down
A	chr6	<i>HIST1H3F</i>	0.125770228	-2.991137645	4.54E-14	3.95E-11	Down
A	chr3	<i>STAG1</i>	1.99780372	0.998414848	4.12E-05	0.001156155	Up
A	chr6	<i>HIST1H3G</i>	0.297605233	-1.748528202	0.001242641	0.012822287	Down
A	chr6	<i>HIST1H3H</i>	0.195654274	-2.353621469	9.02E-17	1.18E-13	Down
A	chr6	<i>HIST1H3I</i>	0.074791222	-3.740987225	0.001070775	0.011494104	Down
A	chr6	<i>HIST1H3J</i>	0.226193223	-2.144372388	0.007479102	0.043679965	Down
A	chr6	<i>ATAT1</i>	0.426124754	-1.230652233	0.002453987	0.020337713	Down
A	chr7	<i>MIOS</i>	1.914022341	0.93660767	0.001175587	0.012256335	Up
A	chr19	<i>AP3D1</i>	0.616463131	-0.697913481	0.00883444	0.049028886	Down
A	chr19	<i>ZNF317</i>	2.780625117	1.475409254	0.006053111	0.03762441	Up
A	chr17	<i>SLC16A11</i>	0.185916649	-2.427272128	0.000285895	0.004534367	Down
A	chr15	<i>KIAA0101</i>	2.105024119	1.073836764	0.001681682	0.015746773	Up
A	chr1	<i>SH2D5</i>	0.456048356	-1.132741289	0.002205608	0.018974443	Down
A	chr6	<i>PAQR8</i>	0.294388556	-1.764206508	0.002724211	0.021882542	Down
A	chr5	<i>HOMER1</i>	2.611039981	1.384624549	0.008345775	0.047240853	Up
A	chr11	<i>NCAPD3</i>	2.345882686	1.230130868	6.65E-05	0.001630643	Up
A	chr3	<i>NAT6</i>	0.40485568	-1.304520378	0.002744632	0.021930886	Down
A	chr17	<i>MIR21</i>	0.338323189	-1.563526031	0.002293914	0.019468439	Down
A	chr11	<i>TRPC6</i>	6.729742193	2.750551238	5.12E-06	0.000241193	Up
A	chr10	<i>CSGALNACT2</i>	1.864418914	0.898726054	0.002760438	0.021997554	Up
A	chr11	<i>RELA</i>	0.42362843	-1.239128682	2.22E-05	0.000710384	Down
A	chr6	<i>HIST1H4A</i>	0.305230759	-1.712027739	3.64E-06	0.000188399	Down
A	chr6	<i>HIST1H4B</i>	0.195612532	-2.353929292	3.39E-11	1.70E-08	Down
A	chr6	<i>HIST1H4C</i>	0.075475131	-3.727854835	0.000170673	0.003124531	Down
A	chr11	<i>MARK2</i>	0.372402179	-1.42506658	0.002153122	0.018723987	Down
A	chr6	<i>HIST1H4F</i>	0.447926682	-1.158665489	0.00620613	0.038338196	Down
A	chr2	<i>SOX11</i>	0.044754375	-4.481827477	0.0012566	0.012935646	Down
A	chr16	<i>TMCS</i>	0.050270328	-4.314149079	0.005288013	0.034289336	Down
A	chr6	<i>ZNF292</i>	1.989155296	0.992155914	6.02E-05	0.001506362	Up
A	chr6	<i>HIST1H4H</i>	0.176187378	-2.504817521	0.000105467	0.002227611	Down

A	chr6	<i>HIST1H4I</i>	0.256133794	-1.965030481	3.39E-07	3.21E-05	Down
A	chr20	<i>MTRNR2L3</i>	0.476403347	-1.069744546	0.002694726	0.021725918	Down
A	chr2	<i>PMS1</i>	8.203590935	3.036255555	1.33E-08	2.66E-06	Up
A	chr11	<i>LRP5</i>	0.361952455	-1.466127891	0.000146022	0.002815409	Down
A	chr10	<i>SLC29A3</i>	0.313250407	-1.674611711	0.005124517	0.033649857	Down
A	chr2	<i>VPS54</i>	1.837984484	0.878124588	0.000621715	0.007940556	Up
A	chrX	<i>RPS6KA3</i>	1.778156841	0.830382582	0.000872543	0.010025798	Up
A	chr17	<i>CCR7</i>	0.212563365	-2.234035125	0.00193545	0.017291874	Down
A	chr19	<i>ZNF320</i>	3.321821946	1.731974745	0.008205366	0.046770586	Up
A	chr12	<i>NCKAP5L</i>	0.159693076	-2.646626333	8.67E-06	0.000355572	Down
A	chr10	<i>GHITM</i>	2.240286122	1.163683001	3.13E-05	0.000930345	Up
A	chr19	<i>PKN1</i>	0.597147309	-0.743841224	0.003940667	0.028182259	Down
A	chr7	<i>POLD2</i>	0.482484647	-1.051445058	0.000380496	0.005586745	Down
A	chr12	<i>NEDD1</i>	2.100132033	1.070480032	0.001162026	0.012173294	Up
A	chr1	<i>CRTC2</i>	0.305241166	-1.711978554	0.001853311	0.016831651	Down
A	chr4	<i>SMARCAD1</i>	2.228575717	1.156121978	1.16E-05	0.000441811	Up
A	chr7	<i>ZCWPW1</i>	Inf	Inf	0.000295138	0.004648395	Up
A	chr3	<i>ZNF717</i>	2.286790327	1.193324093	0.008749224	0.048700905	Up
A	chr10	<i>KIF20B</i>	2.194748247	1.134055462	0.000375437	0.005562008	Up
A	chr19	<i>FCGRT</i>	0	#NAME?	0.0077236	0.044693298	Down
A	chr3	<i>GOLIM4</i>	2.886005765	1.529074182	0.000124998	0.002508703	Up
A	chr1	<i>SOX13</i>	0.354615456	-1.495672679	0.00426604	0.029793804	Down
A	chr17	<i>MPO</i>	0.229849235	-2.121240232	6.59E-16	7.17E-13	Down
A	chr10	<i>PIK3AP1</i>	0.383990117	-1.380858917	5.99E-06	0.000266834	Down
A	chr15	<i>MAPKBP1</i>	0.531460786	-0.91196485	0.004641568	0.03153898	Down
A	chr6	<i>FGD2</i>	0.40861202	-1.29119645	4.50E-05	0.0012173	Down
A	chr10	<i>SEC31B</i>	0.344720055	-1.536502861	0.003164161	0.024238139	Down
A	chr7	<i>COG5</i>	1.681102509	0.749407699	0.005097015	0.033549428	Up
A	chr6	<i>PM20D2</i>	Inf	Inf	0.003550221	0.026240675	Up
A	chr9	<i>GSN</i>	0.506575662	-0.981150329	0.000835146	0.009755501	Down
A	chr8	<i>RNF5P1</i>	0.298924172	-1.74214853	0.008666787	0.048510968	Down
A	chr11	<i>THYN1</i>	2.175705667	1.1214834	0.00557289	0.03553636	Up
A	chr8	<i>RBM12B</i>	1.756197713	0.812455273	0.002268337	0.01930157	Up
A	chr4	<i>HELQ</i>	5.569005725	2.477419776	0.007053517	0.041906944	Up
A	chr11	<i>TRIM44</i>	1.695580638	0.761779397	0.008007066	0.045900846	Up
A	chr6	<i>HDAC2</i>	1.804237691	0.851389413	0.00191215	0.017154157	Up
A	chr6	<i>CCND3</i>	0.402701949	-1.312215639	3.18E-05	0.000938677	Down
A	chr16	<i>MT1X</i>	0.048822954	-4.356296595	0.002685055	0.021674717	Down
A	chr1	<i>RGSL1</i>	0.100540657	-3.314149079	0.005104508	0.033566317	Down
A	chr19	<i>SAMD4B</i>	0.273251244	-1.871700031	3.71E-11	1.73E-08	Down
A	chr19	<i>REXO1</i>	0.313704006	-1.672524143	4.32E-05	0.001184956	Down
A	chr19	<i>PPP1R37</i>	0.470848818	-1.086664188	0.001397508	0.013829922	Down
A	chr1	<i>CTPS1</i>	2.000802819	1.000578995	0.003280986	0.024933091	Up
A	chr19	<i>PPP1R12C</i>	0.491327925	-1.025241857	0.001655248	0.015613262	Down

A	chr9	<i>DCAF12</i>	0.611451402	-0.709690257	0.004905915	0.032738703	Down
A	chr5	<i>ZFP2</i>	2.545164441	1.347758871	0.000204097	0.003561607	Up
A	chr5	<i>HARS2</i>	2.053543389	1.03811543	0.005452079	0.034961686	Up
A	chr21	<i>TSPEAR</i>	0	#NAME?	0.000835567	0.009755501	Down
A	chr2	<i>TTC7A</i>	0.474714638	-1.074867558	9.72E-05	0.002118889	Down
A	chr11	<i>API5</i>	1.932140737	0.950200184	0.00429156	0.029939994	Up
A	chr1	<i>PLEKHA6</i>	0.413580447	-1.273760114	0.005152876	0.033685842	Down
A	chr19	<i>POU2F2</i>	0.237483846	-2.074098714	8.02E-06	0.000336678	Down
A	chr3	<i>PDHB</i>	1.82697387	0.869456	0.002839688	0.022396643	Up
A	chr3	<i>CAPN7</i>	2.394866208	1.25994506	5.50E-06	0.000253554	Up
A	chr22	<i>GTPBP1</i>	0.430865145	-1.2146917	1.11E-06	7.86E-05	Down
A	chr7	<i>CHPF2</i>	0.547600095	-0.868805399	0.002325685	0.019560033	Down
A	chr1	<i>RGL1</i>	0.508237392	-0.976425574	0.000565302	0.007476075	Down
A	chr1	<i>VPS72</i>	0.48521572	-1.043301804	0.001066659	0.011478232	Down
A	chr12	<i>GAPDH</i>	0.504252629	-0.987781394	9.22E-05	0.002044009	Down
A	chr19	<i>PTOV1</i>	0.38704226	-1.369436996	4.32E-06	0.000211397	Down
A	chr17	<i>SDK2</i>	0.039498115	-4.662072382	0.000945425	0.010583735	Down
A	chr4	<i>LPHN3</i>	0.114539456	-3.126083439	0.005328284	0.034481949	Down
A	chr15	<i>CASC5</i>	1.891752879	0.91972364	0.002480687	0.020480966	Up
A	chr19	<i>SIPR4</i>	0.327073919	-1.612311373	0.002829026	0.022357624	Down
A	chr20	<i>PREX1</i>	0.450738829	-1.149636358	0.007138423	0.042315095	Down
A	chr19	<i>ZNF358</i>	0.179297403	-2.479573503	1.42E-05	0.000508389	Down
A	chr18	<i>DTNA</i>	0.044912741	-4.476731402	7.10E-05	0.001711938	Down
A	chr20	<i>DLGAP4</i>	0.418912072	-1.255280635	2.89E-05	0.000877141	Down
A	chr16	<i>ZNF319</i>	0.263411098	-1.924611967	1.86E-05	0.00062082	Down
A	chr7	<i>MEPCE</i>	0.49439997	-1.016249439	0.000769412	0.009180193	Down
A	chr15	<i>MGA</i>	1.543478126	0.626185037	0.008573176	0.048069444	Up
A	chr2	<i>XPO1</i>	1.962757585	0.972882001	0.0014506	0.014172667	Up
A	chr1	<i>MPZ</i>	0.058678561	-4.091022688	0.001371982	0.013644476	Down
A	chr1	<i>RLF</i>	2.022302053	1.015998496	0.000107704	0.00226386	Up
A	chr17	<i>ABHD15</i>	0.336834604	-1.569887737	0.0030906	0.023856652	Down
A	chr11	<i>DGKZ</i>	0.500538654	-0.998446609	0.007918218	0.045551565	Down
A	chr5	<i>SNORA74A</i>	0.300534552	-1.73439723	6.64E-06	0.000287737	Down
A	chr5	<i>SNORA74B</i>	0.278042317	-1.846623624	3.77E-06	0.000193077	Down
A	chr7	<i>KRIT1</i>	2.363918931	1.24118056	5.24E-06	0.000245201	Up
A	chr3	<i>U2SURP</i>	1.882922394	0.91297354	0.00052194	0.007023597	Up
A	chr3	<i>CNBP</i>	1.600285604	0.678329407	0.005998304	0.037319286	Up
A	chr17	<i>FAM117A</i>	0.419043029	-1.254829702	2.50E-07	2.57E-05	Down
A	chr2	<i>TIA1</i>	2.017211337	1.012362239	8.02E-05	0.001865586	Up
A	chr2	<i>EMILIN1</i>	0.432441831	-1.209422011	0.000160918	0.003000652	Down
A	chr11	<i>DTX4</i>	0.515952407	-0.954690102	0.008475876	0.047684471	Down
A	chr20	<i>PPDPF</i>	0.092692972	-3.431396227	0.000375295	0.005562008	Down
A	chr7	<i>MOSPD3</i>	0.084652621	-3.562301445	5.16E-07	4.37E-05	Down
A	chr16	<i>SALL1</i>	0.023703947	-5.39872889	0.000727543	0.008842291	Down

A	chr13	<i>TDRD3</i>	2.196911566	1.135476797	0.000751865	0.009053588	Up
A	chr18	<i>IMPACT</i>	3.553629093	1.829293109	0.000583894	0.007613953	Up
A	chr10	<i>ASAH2</i>	Inf	Inf	0.004482054	0.030805434	Up
A	chr17	<i>TLK2</i>	2.011700565	1.008415581	0.001547483	0.014894026	Up
A	chr2	<i>PUS10</i>	3.908044672	1.966446959	2.32E-08	4.03E-06	Up
A	chr2	<i>GTF3C2</i>	0.63565979	-0.653673264	0.007339252	0.043081663	Down
A	chr2	<i>GTF3C3</i>	1.792245055	0.841767912	0.002979517	0.023205029	Up
A	chr19	<i>NOTCH3</i>	0.110594722	-3.176645555	1.56E-05	0.000545853	Down
A	chr1	<i>GSTM1</i>	0.342081967	-1.547586039	0.001288683	0.013100604	Down
A	chr3	<i>CP</i>	0	#NAME?	0.000212363	0.00365696	Down
A	chr1	<i>STRIP1</i>	0.584636355	-0.774388551	0.00407279	0.028923901	Down
A	chr7	<i>PPP1R9A</i>	2.044198199	1.031535082	0.000269269	0.004333878	Up
A	chr1	<i>PADI2</i>	0.265233921	-1.914662799	3.04E-06	0.000162564	Down
A	chr10	<i>ACTA2</i>	0.390961811	-1.354900401	1.32E-06	9.12E-05	Down
A	chr20	<i>SPATA2</i>	0.21111971	-2.24386682	6.16E-08	8.79E-06	Down
A	chr11	<i>CCDC82</i>	5.087499403	2.34695672	0.000378754	0.005582588	Up
A	chr19	<i>ZNF836</i>	3.054731917	1.611045775	0.000133899	0.002648165	Up
A	chr6	<i>DTNBP1</i>	1.846863806	0.885077481	0.008527439	0.047865833	Up
A	chr12	<i>MLL2</i>	0.285367533	-1.809106888	0.006660967	0.040262599	Down
A	chr6	<i>TAPBP</i>	0.167246122	-2.579955333	1.12E-10	4.50E-08	Down
A	chr21	<i>RWDD2B</i>	3.44603173	1.784935986	0.003466233	0.025883719	Up
A	chr8	<i>ZHX1</i>	1.900519259	0.926393645	0.000300781	0.004701916	Up
A	chr2	<i>STAMBIP</i>	0.155026293	-2.689415169	0.004665073	0.031665732	Down
A	chr3	<i>ATP11B</i>	1.78725632	0.837746554	0.000489379	0.006702897	Up
A	chr3	<i>PIGX</i>	4.24993625	2.087441201	0.008690351	0.048548332	Up
A	chr11	<i>ATM</i>	1.968961455	0.977434869	0.000122333	0.002464217	Up
A	chrX	<i>ATRX</i>	1.956383416	0.96818914	4.83E-05	0.001272452	Up
A	chr17	<i>LLGL1</i>	0.295619425	-1.758187025	0.000256374	0.004174669	Down
A	chr17	<i>LLGL2</i>	0.37150671	-1.428539826	0.00694256	0.041455275	Down
A	chr2	<i>ALMS1</i>	1.917430075	0.939173966	0.001690828	0.015798413	Up
A	chr20	<i>RALGAPA2</i>	1.745655423	0.803768812	0.002097779	0.018382819	Up
A	chr11	<i>PGR</i>	61.05951587	5.932144246	0.004310075	0.030005016	Up
A	chr3	<i>GPX1</i>	0.437604414	-1.192300804	1.83E-05	0.00061401	Down
A	chr19	<i>ZNF844</i>	2.887751081	1.52994639	0.001417039	0.013945603	Up
A	chr3	<i>CPNE4</i>	0.014918125	-6.066789978	2.56E-05	0.000790926	Down
A	chr18	<i>NAPG</i>	3.145320072	1.653206835	0.004187881	0.029516419	Up
A	chr14	<i>ADCY4</i>	0.402365304	-1.313422189	0.001794373	0.016405384	Down
A	chr6	<i>HLA-A</i>	0.56638792	-0.820137599	0.002634583	0.02139963	Down
A	chr6	<i>HLA-B</i>	0.321614589	-1.636595245	5.17E-07	4.37E-05	Down
A	chr6	<i>SOX4</i>	0.659638935	-0.600251539	0.007302875	0.042958283	Down
A	chr6	<i>HLA-C</i>	0.557096039	-0.844002035	0.003262312	0.024829711	Down
A	chr4	<i>HSP90AA6P</i>	2.002173246	1.001566814	0.000628521	0.008003409	Up
A	chr6	<i>HLA-E</i>	0.330318221	-1.598071541	0.004164354	0.029445997	Down
A	chr6	<i>HLA-F</i>	0.544765385	-0.876293058	0.001372191	0.013644476	Down

A	chr6	<i>HLA-G</i>	0.439191565	-1.187077747	0.002857028	0.022479075	Down
A	chr15	<i>CSK</i>	0.4997451	-1.000735674	2.71E-05	0.000835579	Down
A	chr6	<i>HLA-H</i>	0.349325801	-1.517354891	0.001049254	0.011397025	Down
A	chr9	<i>GFI1B</i>	0.382269873	-1.387336589	0.000778762	0.009257905	Down
A	chr5	<i>CLK4</i>	2.147940595	1.102954094	3.65E-05	0.001054675	Up
A	chr9	<i>RXRA</i>	0.307637	-1.700699068	0.000303742	0.004731206	Down
A	chr4	<i>STAP1</i>	4.179639503	2.063378514	8.97E-05	0.002003835	Up
A	chr1	<i>TMEM39B</i>	0.393325875	-1.346202997	0.000158974	0.002972904	Down
A	chr17	<i>RHOT1</i>	1.687668174	0.755031272	0.005627039	0.035759366	Up
A	chr1	<i>MYSM1</i>	2.029657403	1.021236227	0.00057875	0.007571291	Up
A	chr18	<i>ALPK2</i>	0.033565781	-4.896864976	0.005283653	0.034278091	Down
A	chr22	<i>RAC2</i>	0.421001049	-1.248104267	1.70E-07	1.90E-05	Down
A	chr19	<i>ERF</i>	0.432568558	-1.20899929	0.001310991	0.013234619	Down
A	chr17	<i>ACTG1</i>	0.465591102	-1.102864607	9.96E-07	7.18E-05	Down
A	chr15	<i>TRPM1</i>	0	#NAME?	0.007355769	0.043113986	Down
A	chr21	<i>CBR3-AS1</i>	0.025986411	-5.266098786	3.64E-08	5.86E-06	Down
A	chr15	<i>TRPM7</i>	1.921661653	0.942354343	0.000103817	0.002214253	Up
A	chr11	<i>BCL9L</i>	0.254889311	-1.972057222	0.000674209	0.008357507	Down
A	chr11	<i>FAM160A2</i>	0.418794949	-1.255684053	8.60E-05	0.001955516	Down
A	chr8	<i>NDRG1</i>	0.488382881	-1.033915463	0.003353648	0.025303568	Down
A	chr19	<i>LPAR2</i>	0.17437912	-2.519700788	0.000210513	0.003629887	Down
A	chr12	<i>ATN1</i>	0.18975896	-2.397760086	0.0009528	0.010611686	Down
A	chr1	<i>TROVE2</i>	3.695025816	1.885584444	0.003304359	0.025018993	Up
A	chr6	<i>YIPF3</i>	0.427636545	-1.225542947	0.000713757	0.008690922	Down
A	chr16	<i>JMJD8</i>	0.149582445	-2.740987225	0.002851413	0.02245329	Down
A	chr6	<i>TTK</i>	3.677999481	1.878921276	9.11E-05	0.002028384	Up
A	chr2	<i>ALS2</i>	2.390917884	1.257564581	0.000125766	0.002517823	Up
A	chr1	<i>PLEKHG5</i>	0.222564617	-2.167703844	2.30E-05	0.000729494	Down
A	chr1	<i>SRRM1</i>	0.513811702	-0.960688346	0.000117937	0.002412899	Down
A	chr12	<i>ADCY6</i>	0.471725504	-1.083980491	0.000206894	0.003581688	Down
A	chr11	<i>TSPAN18</i>	0.031605263	-4.983691391	0.004217686	0.029657303	Down
A	chr10	<i>CHST15</i>	0.481240337	-1.055170523	0.001264947	0.012962241	Down
A	chr8	<i>RHOBTB2</i>	0.512053968	-0.965632223	0.001106345	0.011759876	Down
A	chr5	<i>GM2A</i>	0.171311649	-2.545304838	0.00010628	0.002241153	Down
A	chr8	<i>STC1</i>	0.031605263	-4.983691391	0.001668936	0.015683671	Down
A	chr8	<i>CPSF1</i>	0.618913923	-0.692189317	0.005576275	0.035540582	Down
A	chr19	<i>SHANK1</i>	0.18142103	-2.462586396	0.000616336	0.007899307	Down
A	chr19	<i>PTBP1</i>	0.488727071	-1.032899075	1.20E-05	0.000452471	Down
A	chr17	<i>KAT2A</i>	0.613671046	-0.704462578	0.006198202	0.038307351	Down
A	chr22	<i>PLXNB2</i>	0.480140241	-1.05847224	0.004327991	0.030071002	Down
A	chr3	<i>NKTR</i>	1.724391846	0.786087646	0.002829497	0.022357624	Up
A	chr22	<i>MICALL1</i>	0.325609801	-1.618783969	0.000894277	0.010185858	Down
A	chr19	<i>DYRK1B</i>	0.256832517	-1.961100227	4.19E-06	0.000206964	Down
A	chr17	<i>SLC9A3R1</i>	0.359069512	-1.477664932	4.22E-06	0.000207618	Down

A	chr5	<i>GRIA1</i>	0.053333881	-4.228803889	0.000242578	0.004037623	Down
A	chr17	<i>UTP18</i>	2.294565216	1.198220812	0.000403566	0.00585305	Up
A	chr4	<i>MFSD10</i>	0.356635784	-1.487476627	0.000311449	0.0047997	Down
A	chr18	<i>ESCO1</i>	2.066980334	1.047524662	0.000249031	0.004097293	Up
A	chr5	<i>TARS</i>	1.809941103	0.855942752	0.003555365	0.026263826	Up
A	chr20	<i>GNAS</i>	0.557374394	-0.843281368	0.000157046	0.002945292	Down
A	chr10	<i>EXOC6</i>	1.770183527	0.823898942	0.001372497	0.013644476	Up
A	chr17	<i>ENGASE</i>	0.201741875	-2.309417524	0.000870526	0.010011432	Down
A	chr14	<i>MYH6</i>	0.077859008	-3.682992231	0.001619243	0.015412774	Down
A	chr17	<i>DNAH2</i>	0.058207749	-4.102644974	8.09E-08	1.08E-05	Down
A	chr2	<i>SIX3</i>	0.056093417	-4.156024725	0.000115914	0.002386485	Down
A	chr19	<i>KDELRL1</i>	0.459741049	-1.121106609	5.67E-05	0.001434457	Down
A	chr1	<i>RNU11</i>	0.177071183	-2.497598653	2.13E-21	9.28E-18	Down
A	chr1	<i>VAV3</i>	1.668018596	0.738135373	0.003514426	0.026064663	Up
A	chr15	<i>NR2F2</i>	0.112442704	-3.152738042	0.001534167	0.014813909	Down
A	chr17	<i>DNAH9</i>	0.278204679	-1.845781409	2.94E-05	0.000882772	Down
A	chr1	<i>LOC148709</i>	0.142167558	-2.81433581	0.001284387	0.013092836	Down
A	chr11	<i>RASGRP2</i>	0.548824329	-0.865583659	0.000639921	0.008086043	Down
A	chr19	<i>MKNK2</i>	0.473537557	-1.078449244	1.87E-05	0.00062082	Down
A	chr11	<i>KLC2</i>	0.383212394	-1.383783872	0.001433598	0.014038074	Down
A	chr8	<i>SLC25A32</i>	3.228686122	1.690947196	0.002847362	0.022443606	Up
A	chr17	<i>RPS6KB1</i>	2.378918321	1.250305738	1.12E-05	0.000433118	Up
A	chr15	<i>LOC729739</i>	0.025858851	-5.273198008	0.001035045	0.011277494	Down
A	chr4	<i>RFC1</i>	1.749824246	0.807210023	0.002355938	0.019776242	Up
A	chr5	<i>BDP1</i>	1.785931393	0.83667666	0.005598594	0.035630643	Up
A	chr4	<i>DDX60</i>	3.174910616	1.666715976	0.000127169	0.002534263	Up
A	chr10	<i>ZSWIM8</i>	0.538806041	-0.892162068	0.001686644	0.015781719	Down
A	chr19	<i>GEMIN7</i>	0.260453717	-1.940901071	0.001548394	0.014894026	Down
A	chr9	<i>TRIM32</i>	0.475697119	-1.071884806	0.004295874	0.029954084	Down
A	chr2	<i>ITGA6</i>	1.837250598	0.877548421	0.001052096	0.011397025	Up
A	chr11	<i>RAD9A</i>	0.434040165	-1.204099541	0.004630463	0.031529178	Down
A	chr9	<i>FAM78A</i>	0.391210721	-1.353982188	7.05E-05	0.001704356	Down
A	chr19	<i>GATAD2A</i>	0.470492354	-1.087756816	0.000166123	0.003080126	Down
A	chr9	<i>ARRDC1</i>	0.562169253	-0.830923544	0.00886169	0.049138333	Down
A	chr15	<i>MESDC1</i>	0.223816305	-2.159612955	1.60E-05	0.000558463	Down
A	chr11	<i>GVINP1</i>	1.909181613	0.932954347	7.63E-05	0.001803113	Up
A	chr3	<i>ITGB5</i>	0.358363234	-1.480505463	9.01E-06	0.000364153	Down
A	chr16	<i>PAR6A</i>	0.28234402	-1.824474018	8.69E-05	0.001966959	Down
A	chr12	<i>LARP4</i>	2.027580215	1.019758992	0.000104611	0.002221189	Up
A	chr8	<i>FAM92A1</i>	3.990446847	1.996550307	0.002829602	0.022357624	Up
A	chr3	<i>TOP2B</i>	2.210818155	1.144580365	1.67E-06	0.000105384	Up
A	chr2	<i>ZNF638</i>	1.782881011	0.834210421	0.00060431	0.007794528	Up
A	chr19	<i>ATP4A</i>	0.216102411	-2.21021293	0.00083664	0.009759304	Down
A	chr2	<i>TMEM214</i>	0.523304904	-0.934276315	0.004561459	0.031205827	Down

A	chr3	<i>TMF1</i>	1.919717203	0.940893801	0.00154087	0.01486547	Up
A	chr10	<i>KCNMA1</i>	0.032527859	-4.942180302	9.47E-05	0.002076376	Down
A	chr1	<i>MTF2</i>	2.113488843	1.079626496	9.02E-06	0.000364153	Up
A	chr17	<i>GLOD4</i>	2.488204349	1.315104975	0.000391012	0.005721842	Up
A	chr17	<i>UTP6</i>	1.973537801	0.980784153	0.006818399	0.040844679	Up
A	chr3	<i>SLC6A6</i>	0.568260954	-0.815374507	0.001699899	0.015860463	Down
A	chr10	<i>SEMA4G</i>	0.295980667	-1.756425151	0.004350527	0.030190021	Down
A	chr8	<i>FAM110B</i>	2.711162807	1.43891175	0.007967119	0.04577236	Up
A	chr7	<i>GPR22</i>	3.040426439	1.604273685	3.97E-05	0.001122785	Up
A	chr14	<i>SNORA28</i>	0.143476156	-2.8011171	1.12E-17	1.66E-14	Down
A	chr14	<i>ZFP36L1</i>	0.482725611	-1.050724724	0.003186542	0.024376932	Down
A	chr2	<i>KIAA1841</i>	2.712224214	1.439476448	1.20E-05	0.000452471	Up
A	chr4	<i>UBA6</i>	1.988720474	0.991840511	0.000386874	0.005674002	Up
A	chr3	<i>CCNL1</i>	1.881104027	0.911579634	0.000216547	0.003690067	Up
A	chr19	<i>TYK2</i>	0.305713171	-1.709749386	2.68E-07	2.71E-05	Down
A	chr19	<i>TMEM145</i>	0.111390778	-3.166298298	0.000978872	0.010809824	Down
A	chr17	<i>ARMC7</i>	0.097645909	-3.356296595	0.005692156	0.036062607	Down
A	chr3	<i>OPA1</i>	1.731469827	0.791997247	0.003805064	0.02751309	Up
A	chr1	<i>IRF2BP2</i>	0.468131332	-1.095014768	2.26E-06	0.00013031	Down
A	chr2	<i>STAT4</i>	1.629464173	0.704397632	0.008955336	0.049573365	Up
A	chr2	<i>CPSF3</i>	1.665456445	0.735917625	0.005783524	0.036487353	Up
A	chr7	<i>MRPS33</i>	Inf	Inf	0.002107679	0.018427249	Up
A	chr13	<i>CLN5</i>	3.140804804	1.651134285	0.00508359	0.033513179	Up
A	chr12	<i>LPAR5</i>	0.160266905	-2.641451552	0.000839394	0.009782682	Down
A	chr4	<i>NAA15</i>	1.578322024	0.658391588	0.006192517	0.038307351	Up
A	chr5	<i>IQGAP2</i>	1.561209644	0.64266428	0.007629003	0.044278068	Up
A	chr10	<i>NDST2</i>	0.543933864	-0.878496847	0.000867817	0.009989112	Down
A	chr18	<i>SMCHD1</i>	1.797649135	0.846111463	0.000583682	0.007613953	Up
A	chr1	<i>LYPLA2</i>	0.443030783	-1.174521149	0.000692966	0.008501209	Down
A	chr18	<i>NDC80</i>	1.930991272	0.949341643	0.005747447	0.036317269	Up
A	chr9	<i>SNORA65</i>	0.374937866	-1.415276561	0.000147455	0.002820645	Down
A	chr18	<i>RPRD1A</i>	2.570305564	1.361939881	0.00062612	0.007981196	Up
A	chr14	<i>EIF5</i>	1.68090693	0.749239846	0.006404556	0.039154185	Up
A	chr1	<i>SHCBP1L</i>	Inf	Inf	0.003325183	0.025126699	Up
A	chrX	<i>RP2</i>	2.16836079	1.116604824	0.000900145	0.010208926	Up
A	chrX	<i>MID1</i>	0.152294872	-2.715060726	1.37E-07	1.63E-05	Down
A	chr8	<i>SYBU</i>	0.109533315	-3.190558362	0.002223994	0.019111122	Down
A	chr10	<i>SKIDA1</i>	0.251810005	-1.989592491	0.001260321	0.012962241	Down
A	chr17	<i>MLLT6</i>	0.50412179	-0.988155781	0.0006952	0.008513715	Down
A	chr2	<i>MITD1</i>	3.352190882	1.745104302	0.001944921	0.017352733	Up
A	chr7	<i>LHFPL3-AS2</i>	0.299329046	-1.740195816	4.05E-06	0.000203272	Down
A	chr6	<i>PRRC2A</i>	0.243101915	-2.040366838	0.001024003	0.011194569	Down
A	chr11	<i>PCNXL3</i>	0.273987956	-1.867815616	3.22E-05	0.000947677	Down
A	chr17	<i>GOSR1</i>	2.78276635	1.476519781	0.000895704	0.010193217	Up

A	chr1	<i>GOLPH3L</i>	1.874308081	0.906358109	0.001855569	0.016831651	Up
A	chr2	<i>UGP2</i>	2.015259732	1.010965789	0.000509243	0.006911658	Up
A	chr3	<i>TBC1D23</i>	2.202576848	1.139192356	0.000815332	0.00960517	Up
A	chr10	<i>PPRC1</i>	0.289404826	-1.788839113	0.00032443	0.004952958	Down
A	chr14	<i>TMED10</i>	0.549977291	-0.862556046	0.001577905	0.0151	Down
A	chr19	<i>ACTN4</i>	0.519461804	-0.944910424	0.006526779	0.039715429	Down
A	chr22	<i>SH3BP1</i>	0.32120395	-1.638438459	6.02E-05	0.001506362	Down
A	chr1	<i>BCL9</i>	0.318723265	-1.649623762	0.008710187	0.048607985	Down
A	chr9	<i>NAIF1</i>	0.295098641	-1.760730819	0.00509766	0.033549428	Down
A	chr6	<i>CUL9</i>	0.275909226	-1.857734397	6.26E-07	4.97E-05	Down
A	chrX	<i>ABCD1</i>	0.490813205	-1.026754032	0.001679452	0.015737931	Down
A	chr8	<i>RAD54B</i>	4.054432005	2.019499818	1.31E-05	0.000476915	Up
A	chr6	<i>ABRACL</i>	2.678997154	1.421693049	0.00149872	0.014555297	Up
A	chr2	<i>7-Mar</i>	2.96469576	1.567884061	7.47E-07	5.70E-05	Up
A	chr3	<i>PDCD10</i>	2.152893094	1.106276682	0.007224566	0.042633116	Up
A	chr19	<i>TMEM160</i>	0.234714246	-2.091022688	0.006458331	0.039337654	Down
A	chr10	<i>VPS26A</i>	1.793564849	0.842829909	0.008001847	0.045891085	Up
A	chr1	<i>RNASEL</i>	5.549637505	2.47239354	0.001715852	0.015948418	Up
A	chr14	<i>MBIP</i>	2.135614118	1.094650991	0.002493738	0.020562707	Up
A	chr16	<i>SNX29</i>	0.501306953	-0.99623385	0.002929577	0.022953044	Down
A	chr2	<i>SNORA75</i>	0.349665468	-1.515952768	0.005135781	0.033653289	Down
A	chr1	<i>DNM3</i>	0.19433682	-2.363368831	0.002016663	0.017822278	Down
A	chrX	<i>ZNF449</i>	4.473009199	2.161245725	0.000632283	0.008036218	Up
A	chr8	<i>YTHDF3</i>	1.69782731	0.763689726	0.001469971	0.014319055	Up
A	chr1	<i>MIER1</i>	1.989709933	0.992558125	0.000173823	0.003173305	Up
A	chr5	<i>PAIP2</i>	1.779543732	0.831507387	0.002229127	0.019117077	Up
A	chr2	<i>ADI1</i>	0.329509722	-1.601607064	8.72E-05	0.00196959	Down
A	chr1	<i>PLEKHM2</i>	0.462739604	-1.111727517	0.00065557	0.008196179	Down
A	chr15	<i>SCARNA14</i>	0.180776299	-2.467722548	0.000142553	0.002783797	Down
A	chr5	<i>OXCT1</i>	2.825341997	1.498425511	5.56E-07	4.61E-05	Up
A	chr1	<i>HIST2H3D</i>	0.304529434	-1.715346417	1.82E-07	1.99E-05	Down
A	chr6	<i>MYO6</i>	5.503200922	2.460271002	0.008323187	0.047135271	Up
A	chr10	<i>GLRX3</i>	1.814455409	0.859536603	0.001667517	0.015683671	Up
A	chrX	<i>TXLNG</i>	2.325276025	1.217401984	7.61E-05	0.001803113	Up
A	chr11	<i>CD6</i>	0.021880566	-5.514206108	0.000237384	0.003967447	Down
A	chr15	<i>BNIP2</i>	2.266613709	1.180538539	0.001061162	0.011447393	Up
A	chr5	<i>YTHDC2</i>	1.71277844	0.776338541	0.00552191	0.035280223	Up
A	chr19	<i>STK11</i>	0.52149162	-0.939284026	0.002722755	0.021882542	Down
A	chr17	<i>ATAD5</i>	3.392939299	1.76253562	2.89E-07	2.83E-05	Up
A	chr14	<i>NEMF</i>	1.937551043	0.954234317	0.000477121	0.006597309	Up
A	chr19	<i>RNF126</i>	0.422669974	-1.242396467	0.002311521	0.019516357	Down
A	chr11	<i>TAF1D</i>	2.599680272	1.378334201	0.006745076	0.04057787	Up
A	chr2	<i>MPHOSPH10</i>	2.985279041	1.57786579	1.01E-05	0.000399047	Up
A	chr18	<i>CEP192</i>	1.70321303	0.768258892	0.007257994	0.042790691	Up

A	chr18	<i>RIOK3</i>	2.468604265	1.303695581	5.33E-06	0.000247695	Up
A	chr2	<i>RPS7</i>	4.812462529	2.266775308	0.003039541	0.023532108	Up
A	chrX	<i>ZNF280C</i>	2.524438905	1.335962762	7.73E-05	0.001814448	Up
A	chr19	<i>POLRMT</i>	0.211899355	-2.2385489	0.007298208	0.042958283	Down
A	chr2	<i>UBXN4</i>	2.168049376	1.116397614	0.00167231	0.015692788	Up
A	chr3	<i>GATA2</i>	0.398722294	-1.326543819	0.001721531	0.01598232	Down
A	chr18	<i>SMAD2</i>	1.738347451	0.797716469	0.002787788	0.02216139	Up
A	chr3	<i>NT5DC2</i>	0.515358831	-0.956350802	0.00213933	0.01862887	Down
A	chr18	<i>SMAD7</i>	0.364502862	-1.455997951	2.08E-07	2.23E-05	Down
A	chr16	<i>SOLH</i>	0.375419682	-1.413423807	0.002859061	0.02248152	Down
A	chr1	<i>CAPZB</i>	0.510531073	-0.969929322	5.85E-05	0.001475099	Down
A	chr4	<i>SPATA5</i>	2.30511669	1.204839785	0.001076798	0.011539772	Up
A	chr15	<i>ZNF710</i>	0.358435524	-1.480214468	5.23E-07	4.38E-05	Down
A	chr7	<i>TNS3</i>	0.482381038	-1.051754897	0.00449812	0.030853369	Down
A	chr11	<i>CREBZF</i>	1.721700998	0.783834617	0.008830961	0.049028886	Up
A	chr14	<i>ZFH2</i>	0.207741617	-2.267137833	0.000828673	0.009701048	Down
A	chr2	<i>SCN9A</i>	0	#NAME?	0.00091782	0.010363585	Down
A	chr9	<i>UBAP2</i>	0.360941753	-1.470162055	7.23E-07	5.56E-05	Down
A	chr14	<i>ACTN1</i>	0.568003065	-0.816029379	0.005520632	0.035280223	Down
A	chr1	<i>ARL8A</i>	0.465377772	-1.103525789	0.002450196	0.020319196	Down
A	chr20	<i>SLC35C2</i>	0.476216248	-1.07031125	0.000649784	0.008163269	Down
A	chr6	<i>HMG3</i>	2.351767514	1.233745448	0.003856127	0.027747536	Up
A	chr1	<i>CYP2J2</i>	3.460171984	1.790843747	0.000168658	0.003108893	Up
A	chr2	<i>MTIF2</i>	3.350714448	1.744468744	2.02E-06	0.000119099	Up
A	chr17	<i>EPX</i>	0.289395525	-1.788885482	1.81E-05	0.00060904	Down
A	chr18	<i>PIGN</i>	2.085779874	1.060586909	0.000257853	0.004186257	Up
A	chr11	<i>EIF3M</i>	1.991161085	0.99360994	0.000965655	0.010727396	Up
A	chr3	<i>NMD3</i>	2.173866757	1.120263516	0.000406521	0.005876327	Up
A	chr19	<i>JUNB</i>	0.435087722	-1.20062179	0.000115455	0.002380771	Down
A	chr19	<i>JUND</i>	0.42436167	-1.236633741	0.000313943	0.004821057	Down
A	chr10	<i>HNRNPF</i>	1.853642107	0.890362721	0.003876821	0.027865719	Up
A	chr3	<i>FAM208A</i>	2.098149338	1.069117367	3.02E-05	0.000904362	Up
A	chr14	<i>JPH4</i>	0.043761133	-4.514206108	0.001346115	0.013505644	Down
A	chr14	<i>ANGEL1</i>	0.278152969	-1.846049591	0.000213002	0.003663135	Down
A	chr3	<i>CCDC14</i>	7.038472708	2.81526241	0.007338262	0.043081663	Up
T	chr5	<i>PRELID1</i>	0.31573499	-1.663213944	0.003437469	0.024136285	Down
T	chr8	<i>MTDH</i>	1.768891202	0.822845316	0.000653404	0.007570473	Up
T	chr12	<i>PXN</i>	0.313121658	-1.675204797	1.26E-09	2.89E-07	Down
T	chr12	<i>PIP4K2C</i>	0.569549011	-0.812108101	0.00969981	0.049508499	Down
T	chr12	<i>CACNA1C</i>	0.11022118	-3.181526613	0.005669342	0.034099694	Down
T	chr19	<i>RAB11B</i>	0.367431369	-1.444453295	0.000152868	0.002651748	Down
T	chr7	<i>TMEM178B</i>	0.066003884	-3.921305268	0.001915861	0.016161955	Down
T	chr7	<i>C7orf26</i>	0.46299337	-1.110936562	0.008771331	0.046234658	Down
T	chr11	<i>PPP6R3</i>	1.584688646	0.664199413	0.006074502	0.035826378	Up

T	chr5	<i>CAMK2A</i>	0.396097798	-1.336071415	0.001271448	0.012250596	Down
T	chr12	<i>FOXJ2</i>	0.38645246	-1.371637145	0.000612789	0.007254488	Down
T	chr20	<i>SLC9A8</i>	0.54496889	-0.875754219	0.002872446	0.02133071	Down
T	chr3	<i>ETV5</i>	0.491786844	-1.023894955	0.006309668	0.036653079	Down
T	chr1	<i>MAP7D1</i>	0.373875283	-1.419370996	1.03E-05	0.00036955	Down
T	chr4	<i>G3BP2</i>	1.553806519	0.635806869	0.009166599	0.04760647	Up
T	chr7	<i>SNORA9</i>	0.232833272	-2.102630863	6.32E-15	8.25E-12	Down
T	chr8	<i>ELP3</i>	1.744435401	0.802760173	0.00567649	0.034126953	Up
T	chr16	<i>1-Sep</i>	0.56141805	-0.832852646	0.003305453	0.023487442	Down
T	chr7	<i>TFEC</i>	4.712845146	2.236598278	0.000749987	0.008327087	Up
T	chr2	<i>CEBPZ</i>	2.123435114	1.086400024	7.60E-05	0.001606122	Up
T	chr16	<i>SLC7A5</i>	0.336457551	-1.571503594	2.36E-05	0.000670606	Down
T	chr8	<i>NACAP1</i>	2.372403839	1.246349611	0.0006378	0.007449186	Up
T	chr3	<i>RBM5</i>	1.631990678	0.706632817	0.00351466	0.024519919	Up
T	chr20	<i>KIF16B</i>	1.795621323	0.844483134	0.002381847	0.018775575	Up
T	chr3	<i>RBM6</i>	2.00141485	1.001020238	5.46E-05	0.001266978	Up
T	chr5	<i>DBN1</i>	0.11022118	-3.181526613	2.25E-05	0.000650934	Down
T	chr22	<i>ELFN2</i>	0.082117836	-3.606160578	0.002512729	0.019489332	Down
T	chr4	<i>MAB21L2</i>	0.286365729	-1.804069245	0.00652191	0.03756505	Down
T	chr12	<i>SMARCC2</i>	0.588583618	-0.764680708	0.006066599	0.035796644	Down
T	chr15	<i>ANXA2</i>	3.787752603	1.921342104	0.006856494	0.038840563	Up
T	chr10	<i>ATP5C1</i>	1.865325322	0.899427266	0.005942651	0.03526888	Up
T	chr9	<i>AQP3</i>	0.028322564	-5.141904319	0.002187931	0.017751085	Down
T	chr17	<i>LIMD2</i>	0.536810862	-0.89751423	0.000755793	0.008363084	Down
T	chr12	<i>TRPV4</i>	0.212617306	-2.233669066	0.002517095	0.01949111	Down
T	chr6	<i>PPT2</i>	0.368633094	-1.439742501	0.000762157	0.008410043	Down
T	chr6	<i>PNISR</i>	1.731458428	0.791987749	0.001231484	0.011971644	Up
T	chr14	<i>FBXO33</i>	2.201526737	1.138504366	5.15E-05	0.00121234	Up
T	chr3	<i>THRB</i>	Inf	Inf	0.001801838	0.015606735	Up
T	chr1	<i>MINOS1</i>	0.490077978	-1.028916777	0.009537647	0.049006119	Down
T	chr10	<i>ATAD1</i>	2.095722611	1.067447775	0.000323946	0.004593695	Up
T	chr1	<i>PKN2</i>	1.876865653	0.908325385	0.000362516	0.004970198	Up
T	chr3	<i>GMPS</i>	1.73590935	0.795691612	0.004938865	0.030814172	Up
T	chr7	<i>DMTF1</i>	1.608292343	0.685529673	0.008793665	0.046314959	Up
T	chr17	<i>EPN3</i>	0.077243356	-3.694445342	0.009142707	0.047501296	Down
T	chr3	<i>HPS3</i>	2.045145237	1.0322033	0.004558527	0.02923822	Up
T	chr19	<i>SLC35E1</i>	0.447458904	-1.160172907	0.004690589	0.029806829	Down
T	chr8	<i>NBN</i>	4.011917141	2.00429181	0.000122538	0.002270786	Up
T	chr6	<i>POU3F2</i>	0.043573175	-4.520415942	0.00030131	0.004334358	Down
T	chr12	<i>CORO1C</i>	0.570652923	-0.809314544	0.001939343	0.016318012	Down
T	chr9	<i>ADAMTSL1</i>	0	#NAME?	0.000231457	0.003573473	Down
T	chr10	<i>FAM213A</i>	5.09424369	2.348867974	0.003945243	0.026469577	Up
T	chr7	<i>SLC4A2</i>	0.51184088	-0.966232717	0.001156936	0.011472639	Down
T	chr7	<i>C7orf43</i>	0.567729808	-0.816723604	0.002729368	0.020582278	Down

T	chr19	<i>TGFB1</i>	0.140967206	-2.826568515	6.34E-14	5.91E-11	Down
T	chr16	<i>SHCBP1</i>	3.857218552	1.947560892	0.001397198	0.013132455	Up
T	chr6	<i>NOL7</i>	2.634435437	1.397493824	0.000696102	0.007959111	Up
T	chr5	<i>IPO11</i>	1.849755321	0.887334449	0.000723688	0.008131986	Up
T	chr5	<i>GNPDA1</i>	0.452892308	-1.142760058	0.003988118	0.02660813	Down
T	chr19	<i>NR2C2AP</i>	0.39778833	-1.329927144	0.009758913	0.049734058	Down
T	chr7	<i>PARP12</i>	2.257894863	1.17497831	0.003577168	0.024796882	Up
T	chr15	<i>CTSH</i>	5.919168859	2.565394614	0.003027593	0.02202899	Up
T	chr11	<i>TAF6L</i>	0.445140362	-1.167667776	0.004725632	0.029942007	Down
T	chr12	<i>BTBD11</i>	0.335257439	-1.576658749	0.001808901	0.015638786	Down
T	chr1	<i>TAS1R1</i>	0.267446508	-1.90267773	0.002685256	0.02034111	Down
T	chr12	<i>YAF2</i>	2.655381964	1.4089194	0.001301192	0.012500259	Up
T	chr7	<i>CDK13</i>	1.707728046	0.772078245	0.00148867	0.013705853	Up
T	chr17	<i>TNFAIP1</i>	0.494589598	-1.015696197	0.008810755	0.04636753	Down
T	chr3	<i>RSRC1</i>	2.440941748	1.287437867	0.002870321	0.02133071	Up
T	chr19	<i>RPL28</i>	0.514219117	-0.959544849	2.18E-05	0.000637285	Down
T	chr19	<i>PDE4A</i>	0.399872466	-1.32238815	0.00462235	0.029496186	Down
T	chr16	<i>RPL13</i>	0.466679484	-1.09949605	0.000165052	0.002796445	Down
T	chr9	<i>ZNF484</i>	4.069019675	2.024681256	0.002517212	0.01949111	Up
T	chr8	<i>OTUD6B</i>	3.156655755	1.658396938	0.002373289	0.018742089	Up
T	chr3	<i>SETD2</i>	1.675018014	0.744176611	0.001776552	0.015451265	Up
T	chr20	<i>SNORA71D</i>	0.121456473	-3.041488715	0.001405292	0.013189523	Down
T	chr10	<i>POLL</i>	0.418088597	-1.2581194	0.002195629	0.017780368	Down
T	chr3	<i>NUP210</i>	0.569769477	-0.811549756	0.001476876	0.013647734	Down
T	chr13	<i>SUGT1</i>	1.991202743	0.993640123	0.003684494	0.025259721	Up
T	chr18	<i>LOXHD1</i>	0.051495571	-4.279407843	0.004009003	0.02668161	Down
T	chr8	<i>GRINA</i>	0.457475866	-1.128232459	0.000152531	0.00264969	Down
T	chr6	<i>PHF1</i>	0.365444956	-1.452273972	3.28E-05	0.000855333	Down
T	chr17	<i>RPL23</i>	1.843618649	0.882540266	0.003503349	0.024480284	Up
T	chr2	<i>SAP130</i>	0.343204156	-1.542861074	1.28E-05	0.000430075	Down
T	chr1	<i>H6PD</i>	0.369630281	-1.435845144	2.76E-05	0.000747777	Down
T	chr12	<i>FOXM1</i>	0.534214446	-0.904509106	0.009457651	0.048733941	Down
T	chr6	<i>NEU1</i>	0.407432503	-1.295367017	0.005486321	0.033182452	Down
T	chr22	<i>ZDHHC8</i>	0.250631806	-1.996358587	7.10E-06	0.000285103	Down
T	chr1	<i>TTF2</i>	2.36948264	1.244572091	0.001652713	0.014724931	Up
T	chr12	<i>PPP1R12A</i>	1.941490963	0.957164992	0.000103475	0.002011824	Up
T	chr4	<i>IL15</i>	16.25345585	4.022674595	3.25E-06	0.000159432	Up
T	chr12	<i>ORAI1</i>	0.25540432	-1.969145167	1.22E-05	0.00041736	Down
T	chr8	<i>INTS9</i>	0.478230662	-1.064221464	0.000183877	0.00302504	Down
T	chr1	<i>ZCCHC11</i>	1.567984926	0.64891169	0.006879753	0.03892162	Up
T	chr14	<i>RIN3</i>	0.226962102	-2.139476681	0.000262954	0.003920574	Down
T	chr11	<i>DPAGT1</i>	0.361718433	-1.467060977	9.54E-06	0.000349587	Down
T	chr13	<i>TPP2</i>	1.899597371	0.925693664	0.000207933	0.003288108	Up
T	chr6	<i>CUTA</i>	0.338860968	-1.561234629	0.001839081	0.015745665	Down

T	chr5	<i>TCF7</i>	0.125111838	-2.998709794	1.21E-08	1.83E-06	Down
T	chr1	<i>SNORD21</i>	0.338326875	-1.563510315	0.000329926	0.004653212	Down
T	chr1	<i>PTGER3</i>	Inf	Inf	0.000772127	0.008491096	Up
T	chr1	<i>GRIK3</i>	0.015734758	-5.989901226	2.15E-05	0.000628517	Down
T	chr17	<i>IGFBP4</i>	0.301169106	-1.73135431	1.37E-10	4.05E-08	Down
T	chr19	<i>FKBP8</i>	0.469800491	-1.089879875	0.001706674	0.015054274	Down
T	chr19	<i>NKPD1</i>	0.037763419	-4.72686682	0.00026396	0.003925002	Down
T	chr1	<i>CTNNBIP1</i>	12.38804185	3.630876256	0.00569684	0.034202013	Up
T	chr7	<i>INTS1</i>	0.344274243	-1.538369847	7.27E-07	5.10E-05	Down
T	chr1	<i>LRRC47</i>	0.359497617	-1.475945886	0.002901421	0.021421581	Down
T	chr7	<i>C7orf60</i>	2.107348912	1.0754292	0.000421191	0.005539172	Up
T	chr21	<i>LTN1</i>	1.632051022	0.706686161	0.00763281	0.041691444	Up
T	chr2	<i>PCBP1</i>	0.36699771	-1.446157034	2.21E-09	4.64E-07	Down
T	chr19	<i>UBA52</i>	0.314337834	-1.669612168	3.15E-12	1.78E-09	Down
T	chr12	<i>BAZ2A</i>	0.399884289	-1.322345493	0.000258439	0.003875397	Down
T	chr3	<i>WDR6</i>	0.57351988	-0.802084599	0.007476398	0.041092665	Down
T	chr12	<i>GLTP</i>	0.321269786	-1.638142787	0.000156941	0.002694023	Down
T	chr18	<i>RBBP8</i>	2.234022262	1.159643562	0.000478502	0.006037266	Up
T	chr4	<i>GK2</i>	7.301802754	2.868252697	0.005629151	0.033889206	Up
T	chr11	<i>PLA2G16</i>	2.895550891	1.533837853	0.000167386	0.002818606	Up
T	chr4	<i>INPP4B</i>	2.271510487	1.183651966	0.002913185	0.021471982	Up
T	chr13	<i>SLC7A1</i>	0.479300738	-1.060996935	0.003839055	0.02604488	Down
T	chr19	<i>SLC27A1</i>	0.257283795	-1.958567505	5.42E-06	0.000234827	Down
T	chr3	<i>CCDC66</i>	3.606296693	1.850518094	0.002981858	0.021814929	Up
T	chr2	<i>ANKRD39</i>	0.02697387	-5.212293647	9.17E-07	6.05E-05	Down
T	chr22	<i>TRABD</i>	0.481144225	-1.055458682	0.002394542	0.018807462	Down
T	chr17	<i>COG1</i>	0.571107246	-0.808166407	0.008174558	0.043868893	Down
T	chr19	<i>DPP9</i>	0.417128885	-1.261434878	0.000157847	0.002702457	Down
T	chr1	<i>ZMYM1</i>	3.980920713	1.993102138	0.003138075	0.022630916	Up
T	chr8	<i>EPPK1</i>	0.376909327	-1.407710597	0.005239084	0.032058675	Down
T	chr19	<i>HSPBP1</i>	0.495406542	-1.013315175	0.004936863	0.030814172	Down
T	chr7	<i>GALNT11</i>	2.133910005	1.093499334	0.002401483	0.018850627	Up
T	chr2	<i>IFIH1</i>	2.515023999	1.330572166	2.64E-05	0.000722397	Up
T	chr1	<i>ZMYM6</i>	1.969688917	0.977967795	0.005709616	0.034246382	Up
T	chr12	<i>MDM2</i>	2.403033851	1.264856971	0.000670434	0.007719757	Up
T	chr1	<i>LRRC52</i>	0	#NAME?	0.000902776	0.009521113	Down
T	chrX	<i>SNORA69</i>	0.184613839	-2.437417392	0.000935624	0.009757116	Down
T	chr3	<i>IQCB1</i>	2.934453764	1.553091977	0.000228289	0.003533426	Up
T	chr1	<i>IPO13</i>	0.377744506	-1.404517322	8.91E-05	0.001796994	Down
T	chr3	<i>TMEM115</i>	0.321377615	-1.63765865	1.21E-05	0.000416725	Down
T	chr19	<i>ZNF507</i>	2.234317606	1.159834278	0.001990966	0.01665009	Up
T	chr11	<i>TMEM41B</i>	2.661465257	1.412220733	0.003442411	0.024141197	Up
T	chr16	<i>EDC4</i>	0.634430964	-0.656464911	0.009759251	0.049734058	Down
T	chr1	<i>RNPC3</i>	2.87700268	1.524566565	0.000103215	0.002009767	Up

T	chr4	<i>SLC4A4</i>	0.104894227	-3.252992821	0.0002444	0.003716128	Down
T	chr10	<i>WAPAL</i>	2.129781567	1.090705473	6.02E-06	0.000250317	Up
T	chr16	<i>RNF166</i>	0.398055129	-1.328959844	0.000197995	0.003181081	Down
T	chr15	<i>MEIS2</i>	0.05946464	-4.071824151	3.45E-06	0.000167384	Down
T	chr6	<i>TUBB2B</i>	0.129134452	-2.953054144	0.000917182	0.009626349	Down
T	chr5	<i>CDK7</i>	2.797460715	1.484117871	0.000339185	0.004727567	Up
T	chr1	<i>RPS6KA1</i>	0.610604658	-0.711689499	0.0021596	0.017595063	Down
T	chr17	<i>SLC38A10</i>	0.535215014	-0.901809508	0.004852462	0.030435202	Down
T	chr3	<i>ACAA1</i>	0.377934896	-1.403790362	6.12E-05	0.001365873	Down
T	chr17	<i>SLC52A1</i>	0.157448816	-2.667045183	0.000614667	0.007263894	Down
T	chr3	<i>CHMP2B</i>	2.942704632	1.557142742	1.87E-05	0.000565874	Up
T	chr10	<i>MCMBP</i>	0.596811083	-0.744653767	0.003602388	0.02489235	Down
T	chr22	<i>MED15</i>	0.348513503	-1.520713539	6.49E-05	0.001427769	Down
T	chr15	<i>SCAPER</i>	2.04515693	1.032211549	0.000308221	0.004404225	Up
T	chr3	<i>ZNF445</i>	2.010292018	1.007405085	0.001209632	0.011812021	Up
T	chr2	<i>SLC39A10</i>	2.087574707	1.061827827	0.000217575	0.003405887	Up
T	chr6	<i>ANKS1A</i>	0.54976555	-0.863111589	0.000576952	0.006884939	Down
T	chr12	<i>DNM1L</i>	2.17124058	1.11851959	1.38E-05	0.000454026	Up
T	chr9	<i>RPS6</i>	1.851475709	0.888675622	0.000512804	0.006341273	Up
T	chr9	<i>ATP8B5P</i>	2.188434109	1.129898947	0.003163929	0.022730093	Up
T	chr3	<i>PLXND1</i>	0.473922819	-1.077275968	0.000397171	0.005303473	Down
T	chrX	<i>OGT</i>	1.606708265	0.684107998	0.003550524	0.024690904	Up
T	chr14	<i>ATXN3</i>	1.885983755	0.91531725	0.004809796	0.030269462	Up
T	chr10	<i>DUSP5</i>	0.243649626	-2.037120089	1.42E-05	0.000461054	Down
T	chr6	<i>PHIP</i>	2.432275164	1.28230645	1.30E-07	1.36E-05	Up
T	chr12	<i>WBP11</i>	0.378688484	-1.400916546	7.20E-06	0.000288111	Down
T	chr14	<i>FKBP3</i>	1.957795145	0.969229816	0.002194131	0.017779273	Up
T	chr7	<i>ESYT2</i>	1.732452745	0.792816002	0.005430743	0.032925391	Up
T	chr13	<i>UTP14C</i>	4.584741257	2.196840317	2.19E-06	0.000117922	Up
T	chr5	<i>REEP5</i>	0.316428013	-1.660050768	5.79E-08	6.99E-06	Down
T	chr5	<i>TIFAB</i>	0.247322147	-2.015536662	1.71E-06	9.99E-05	Down
T	chr5	<i>NPM1</i>	4.868032492	2.283338798	0.000182264	0.003006086	Up
T	chr6	<i>RING1</i>	0.434052818	-1.204057485	0.004120432	0.027190267	Down
T	chr8	<i>COPSS5</i>	2.002728875	1.001967125	0.007046318	0.039504197	Up
T	chr12	<i>HIST4H4</i>	0.050875063	-4.296897508	2.42E-06	0.000126291	Down
T	chr13	<i>CDK8</i>	1.818765821	0.862959798	0.004915766	0.030714122	Up
T	chr10	<i>LZTS2</i>	0.427945643	-1.224500536	0.001531039	0.013958023	Down
T	chr11	<i>PRKRIR</i>	5.729974253	2.518528656	2.80E-06	0.000140923	Up
T	chr19	<i>ZNF526</i>	0.272990658	-1.873076515	7.25E-07	5.10E-05	Down
T	chr19	<i>ZNF527</i>	2.248026323	1.168658929	0.003843984	0.026053934	Up
T	chr13	<i>NDFIP2</i>	3.284037878	1.715470767	0.003976668	0.026562636	Up
T	chr6	<i>DEK</i>	2.034348566	1.024566892	0.005367081	0.032627649	Up
T	chr9	<i>ZDHHC12</i>	0.10777966	-3.213843156	0.001778878	0.015461189	Down
T	chr5	<i>FAM114A2</i>	2.120977102	1.084729045	0.005363995	0.032624647	Up

T	chr3	<i>IRAK2</i>	0.286866324	-1.80154948	0.009005454	0.046937734	Down
T	chr8	<i>PCMTD1</i>	1.978087913	0.984106546	0.001408224	0.013207545	Up
T	chr13	<i>TPT1</i>	0.52070235	-0.941469177	2.93E-05	0.000779269	Down
T	chr17	<i>BAHCC1</i>	0.270367719	-1.887005185	1.65E-08	2.37E-06	Down
T	chr2	<i>FZD7</i>	0.451865717	-1.14603399	0.008445569	0.044898489	Down
T	chr1	<i>RNPEP</i>	0.559647396	-0.837409948	0.000998075	0.010244601	Down
T	chr6	<i>EHMT2</i>	0.510537519	-0.969911109	5.62E-05	0.001295556	Down
T	chr2	<i>MRPL19</i>	3.763644271	1.912130275	0.001136395	0.011351772	Up
T	chr1	<i>KIFAP3</i>	2.017442036	1.012527224	0.003825479	0.025993334	Up
T	chr3	<i>CLASP2</i>	1.617242998	0.693536466	0.005525843	0.033377224	Up
T	chr19	<i>PRR12</i>	0.177657957	-2.49282579	0.00035191	0.004858226	Down
T	chr16	<i>THUMPD1</i>	2.321085998	1.214799977	0.000560637	0.006747294	Up
T	chr6	<i>RUNX2</i>	0.449349979	-1.154088559	0.003382705	0.023867369	Down
T	chr12	<i>ATP6V0A2</i>	0.501532538	-0.995584793	0.006255839	0.036565266	Down
T	chr1	<i>RNF2</i>	2.070847858	1.050221565	0.000204571	0.00324676	Up
T	chr3	<i>H1FX</i>	0.055672006	-4.166904112	8.09E-09	1.32E-06	Down
T	chr1	<i>LRRC8C</i>	0.480520386	-1.057330457	0.003621245	0.024945715	Down
T	chr17	<i>JUP</i>	0.329268452	-1.602663806	0.000234967	0.003604637	Down
T	chr17	<i>FAM134C</i>	0.389789623	-1.359232412	2.40E-06	0.000125664	Down
T	chr11	<i>ZNF143</i>	2.686997118	1.425994774	8.19E-05	0.001704099	Up
T	chr17	<i>GAA</i>	0.35868585	-1.479207261	0.001064739	0.010776245	Down
T	chr11	<i>NRGN</i>	0.190720178	-2.390470609	2.19E-07	2.00E-05	Down
T	chr4	<i>LAP3</i>	2.30031439	1.201831051	0.006313005	0.036653079	Up
T	chr7	<i>LRCH4</i>	0.259973204	-1.943565163	3.27E-12	1.78E-09	Down
T	chr1	<i>SNORD76</i>	Inf	Inf	0.00624881	0.036556941	Up
T	chr14	<i>LRP10</i>	0.31854333	-1.650438466	2.75E-09	5.51E-07	Down
T	chr11	<i>MEN1</i>	0.581392411	-0.782415855	0.008929373	0.04669042	Down
T	chr4	<i>COPS4</i>	1.711653442	0.775390629	0.009474748	0.048760377	Up
T	chr5	<i>DAP</i>	0.255012514	-1.971360052	0.000335832	0.004700544	Down
T	chr17	<i>MAFG</i>	0.53792461	-0.894524102	0.00722202	0.040281522	Down
T	chr11	<i>AP5B1</i>	0.176225064	-2.504508963	0.008912939	0.04664188	Down
T	chrX	<i>ZXDB</i>	0.215210421	-2.216180158	0.001907573	0.016118001	Down
T	chr12	<i>FBRSL1</i>	0.17349042	-2.527072091	0.000548974	0.006647391	Down
T	chr12	<i>CAPRIN2</i>	2.338962733	1.225868875	0.009468459	0.048759769	Up
T	chr2	<i>RNU4ATAC</i>	0.0966415	-3.371213348	0.001310197	0.012549799	Down
T	chr19	<i>ZNF544</i>	3.764574668	1.912486874	0.001580138	0.014261296	Up
T	chr2	<i>EML4</i>	1.768631101	0.822633164	0.001147675	0.011420723	Up
T	chr19	<i>MBOAT7</i>	0.362821575	-1.462667848	5.18E-06	0.000228336	Down
T	chr7	<i>TSC22D4</i>	0.324191977	-1.625079708	6.78E-09	1.16E-06	Down
T	chr10	<i>SLC18A2</i>	1.888477185	0.917223354	0.00108268	0.010903115	Up
T	chr10	<i>SUFU</i>	0.380234791	-1.395037551	0.005030022	0.031189005	Down
T	chr16	<i>SH2B1</i>	0.3461747	-1.530427806	6.21E-08	7.24E-06	Down
T	chr11	<i>CARNS1</i>	0.359064132	-1.477686549	0.00659842	0.037888835	Down
T	chr19	<i>LSM4</i>	0.412490976	-1.277565537	0.000830071	0.00897192	Down

T	chr2	ACADL	2.917181391	1.544575096	0.005801459	0.034654685	Up
T	chr15	VPS18	0.346811449	-1.527776571	4.85E-07	3.68E-05	Down
T	chr3	ARL6	8.830728225	3.142532414	0.000114277	0.002157572	Up
T	chr11	DYNC2H1	2.02093038	1.015019622	0.000247661	0.003752593	Up
T	chr17	NFE2L1	0.54128075	-0.885551013	0.001398289	0.013133247	Down
T	chr1	CPT2	0.486563141	-1.039301061	0.002633202	0.020101087	Down
T	chr2	MRPL35	Inf	Inf	0.002793167	0.020894297	Up
T	chr13	RNF17	22.75163634	4.507898406	0.000223109	0.003481667	Up
T	chr10	CCDC6	0.50583336	-0.983265907	0.003256192	0.023251385	Down
T	chr9	ABCA2	0.474542473	-1.075390876	0.004735111	0.029972953	Down
T	chr19	B3GNT8	0.213465926	-2.227922293	0.008755617	0.046189156	Down
T	chr1	JTB	3.058164931	1.612666216	0.005711284	0.034246382	Up
T	chr2	ACSL3	2.184514161	1.127312458	0.000653747	0.007570473	Up
T	chr2	RHOB	0.528038786	-0.921284192	0.006777273	0.038559225	Down
T	chr9	GKAP1	24.27588306	4.601451871	1.83E-09	3.91E-07	Up
T	chr19	MIDN	0.17759254	-2.493357111	4.38E-05	0.001074288	Down
T	chr19	ZNF556	10.9216722	3.449121857	0.000256573	0.003860731	Up
T	chr19	ZNF558	4.350017094	2.12102107	0.002575303	0.019798119	Up
T	chr17	PAFAH1B1	1.835922203	0.876504926	0.000299063	0.00432068	Up
T	chr11	PAK1	1.615152587	0.691670466	0.007766363	0.042234251	Up
T	chr19	CRTC1	0.26853556	-1.896814949	0.00724862	0.040388601	Down
T	chr1	IVNS1ABP	1.611552222	0.688450939	0.003243824	0.02320117	Up
T	chr11	MALAT1	1.825949129	0.868646572	0.002354578	0.018605585	Up
T	chr15	KATNB1	4.032845342	2.01179808	0.000124168	0.002284644	Up
T	chr1	RUNX3	0.169388078	-2.56159576	7.86E-07	5.43E-05	Down
T	chr10	HELLS	1.990968941	0.993470715	0.003170913	0.022730093	Up
T	chr11	RDX	1.804736672	0.85178835	0.002385617	0.018782592	Up
T	chr18	VPS4B	1.916585257	0.938538176	0.000784053	0.008573983	Up
T	chr1	PHC2	0.394529538	-1.341794776	2.29E-05	0.000658972	Down
T	chr7	FLJ40852	0.05388983	-4.213843156	8.73E-07	5.81E-05	Down
T	chr5	TMED9	0.439489834	-1.186098302	1.07E-05	0.000376935	Down
T	chr16	VPS35	2.07608825	1.053867771	0.000262661	0.003920574	Up
T	chr1	ARHGAP29	8.703646169	3.121619908	2.53E-05	0.000705728	Up
T	chr14	RNF31	0.389910193	-1.358786224	7.91E-06	0.000307269	Down
T	chr7	MPP6	1.99565232	0.996860398	0.000180067	0.002981167	Up
T	chr5	RASGRF2	0.018224951	-5.777941265	3.06E-05	0.000805458	Down
T	chr4	KIAA1239	0	#NAME?	7.67E-05	0.001614683	Down
T	chr17	NAGLU	0.403446971	-1.309549036	0.005997105	0.035514402	Down
T	chr1	HIST3H2BB	0.276621198	-1.854016378	8.82E-05	0.00178632	Down
T	chr9	STRBP	1.702944101	0.76803108	0.001737156	0.015237203	Up
T	chr2	SEMA4C	0.402848859	-1.311689426	0.007838	0.04252428	Down
T	chr19	ZNF569	3.58660966	1.842620742	2.29E-05	0.000658972	Up
T	chr15	SLC30A4	2.465909963	1.302120124	0.002809882	0.020971235	Up
T	chr3	PSMD6	2.017446758	1.0125306	0.003730381	0.02553334	Up

T	chr14	<i>VRK1</i>	2.030233652	1.021645771	0.001829488	0.015733359	Up
T	chr3	<i>MECOM</i>	2.263701612	1.178683803	8.06E-06	0.000311084	Up
T	chr7	<i>ABCB5</i>	0.032399913	-4.947866266	0.005778461	0.034533123	Down
T	chr20	<i>XRN2</i>	1.620512433	0.69645009	0.003880133	0.02621451	Up
T	chr16	<i>PIEZO1</i>	0.298113467	-1.746066546	0.000114279	0.002157572	Down
T	chr1	<i>ARHGAP30</i>	0.619252404	-0.691400531	0.006408139	0.037089877	Down
T	chr9	<i>SPTAN1</i>	1.568031289	0.648954348	0.006816008	0.038704306	Up
T	chr5	<i>H2AFY</i>	0.661446621	-0.596303359	0.006560507	0.037720747	Down
T	chr2	<i>PSME4</i>	1.632570412	0.707145216	0.003954231	0.026489195	Up
T	chr15	<i>SERF2</i>	0.354886835	-1.494569038	2.18E-10	6.04E-08	Down
T	chr11	<i>RNF26</i>	0.232345062	-2.105659108	0.000971238	0.010072159	Down
T	chr19	<i>ZNF571</i>	3.023645459	1.596288985	0.000806323	0.00877339	Up
T	chr19	<i>ZNF574</i>	0.350646137	-1.511912259	8.32E-06	0.000317546	Down
T	chr5	<i>MAP1B</i>	0.214512623	-2.22086555	0.008349079	0.044544921	Down
T	chr12	<i>SH2B3</i>	0.297540444	-1.748842312	5.22E-06	0.000228658	Down
T	chr19	<i>ZNF579</i>	0.171275155	-2.545612201	0.000361358	0.004962391	Down
T	chr3	<i>LRRFIP2</i>	2.06614098	1.046938698	0.000875543	0.009331977	Up
T	chr1	<i>LOC100130331</i>	0.369266677	-1.437265017	9.70E-07	6.26E-05	Down
T	chr17	<i>FAM171A2</i>	0.125568365	-2.993455054	1.27E-06	7.81E-05	Down
T	chr1	<i>ZBED6</i>	1.638715253	0.71256519	0.004886939	0.030592616	Up
T	chr19	<i>GPI</i>	0.573172801	-0.802957945	0.000488262	0.006118988	Down
T	chr6	<i>PPP1R10</i>	0.581491066	-0.782171068	0.001595559	0.014335858	Down
T	chr10	<i>FBXW4</i>	0.539509212	-0.8902805	0.006559099	0.037720747	Down
T	chr6	<i>PPP1R18</i>	0.28659072	-1.802936198	3.07E-08	4.12E-06	Down
T	chr3	<i>RPL22L1</i>	1.88466297	0.914306553	0.002010991	0.016771876	Up
T	chr10	<i>TM9SF3</i>	1.90460224	0.929489735	0.001199992	0.011766867	Up
T	chr1	<i>HIST3H2A</i>	0.201461668	-2.311422731	8.58E-07	5.80E-05	Down
T	chr7	<i>FIGNL1</i>	2.809816969	1.490476156	0.000173357	0.002888403	Up
T	chr1	<i>VCAM1</i>	3.403893754	1.767186007	0.000125798	0.002305002	Up
T	chr8	<i>PHF20L1</i>	2.480470652	1.310613888	1.81E-07	1.74E-05	Up
T	chr21	<i>USP16</i>	1.831244776	0.872824644	0.006389511	0.037014902	Up
T	chr11	<i>SCYL1</i>	0.473008159	-1.080063025	0.000264455	0.003925002	Down
T	chr6	<i>ARHGAP18</i>	1.956947585	0.968605115	0.000683493	0.00783554	Up
T	chr15	<i>CLN6</i>	0.364739984	-1.455059735	7.83E-05	0.001642703	Down
T	chr20	<i>CRNKL1</i>	1.730986033	0.791594084	0.006495449	0.037495412	Up
T	chr12	<i>RNF41</i>	0.592992975	-0.75391308	0.00835516	0.044544921	Down
T	chr1	<i>SF3A3</i>	2.043448016	1.031005543	0.000782491	0.008564075	Up
T	chr5	<i>MCTP1</i>	3.008526999	1.589057304	3.58E-09	6.98E-07	Up
T	chr17	<i>BLMH</i>	1.731277827	0.79183726	0.003136496	0.022630916	Up
T	chr11	<i>ZNF195</i>	7.210431384	2.850085575	0.007243128	0.040381987	Up
T	chr1	<i>VAMP4</i>	2.170476876	1.118012052	0.003902164	0.02630387	Up
T	chr9	<i>TOR1B</i>	2.298601613	1.200756444	0.007160159	0.039970661	Up
T	chr19	<i>BBC3</i>	0.23667809	-2.079001939	0.004560859	0.029238801	Down
T	chr2	<i>SF3B1</i>	1.750394364	0.807679998	0.000551847	0.006659936	Up

T	chr9	<i>CDC37L1</i>	2.520832753	1.333900404	0.000379719	0.005128175	Up
T	chr18	<i>ZNF407</i>	1.797025035	0.845610508	0.0028274	0.021068212	Up
T	chr1	<i>SLC9A1</i>	0.250785348	-1.995475031	0.000506543	0.006287694	Down
T	chr4	<i>C4orf27</i>	2.168546267	1.116728224	0.001178792	0.011627038	Up
T	chr20	<i>MKKS</i>	3.125262672	1.64397745	0.001375786	0.013002562	Up
T	chr1	<i>LAPTM5</i>	0.369934876	-1.434656777	1.49E-06	8.84E-05	Down
T	chr15	<i>KLF13</i>	0.575060282	-0.798214897	0.009574261	0.049078905	Down
T	chr20	<i>TUBB1</i>	0.325558333	-1.619012028	1.49E-05	0.000476085	Down
T	chr16	<i>FBRS</i>	0.255311847	-1.969667612	2.92E-06	0.000146009	Down
T	chr20	<i>KCNG1</i>	0.056080473	-4.156357661	1.26E-09	2.89E-07	Down
T	chr19	<i>LTBP4</i>	0.082117836	-3.606160578	0.001748165	0.015285903	Down
T	chr3	<i>CACNA1D</i>	0.287285554	-1.799442645	0.001654093	0.014724931	Down
T	chr11	<i>MRE11A</i>	2.524055151	1.335743434	0.0002064	0.003267838	Up
T	chr21	<i>USP25</i>	1.74509346	0.803304303	0.001427255	0.013309484	Up
T	chr3	<i>BSN</i>	0.361123037	-1.469437638	1.13E-06	7.10E-05	Down
T	chr11	<i>UCP2</i>	0.294492366	-1.763697857	7.27E-06	0.000290013	Down
T	chr11	<i>UCP3</i>	0.32347981	-1.628252424	0.000815483	0.008850907	Down
T	chr10	<i>PCDH15</i>	0.022430709	-5.478380983	0.000410007	0.005435929	Down
T	chr2	<i>EPHA4</i>	0.229929941	-2.120733751	0.00116553	0.011536801	Down
T	chr1	<i>SF3B4</i>	0.320580312	-1.641242268	2.92E-06	0.000146009	Down
T	chr21	<i>PFKL</i>	0.552560858	-0.855794725	0.001599039	0.014347357	Down
T	chrX	<i>DRP2</i>	0.071504208	-3.805828051	0.001834883	0.015745665	Down
T	chrX	<i>FRMD8P1</i>	0.376269337	-1.410162367	0.001930037	0.016255172	Down
T	chr17	<i>GIT1</i>	0.511667338	-0.966721953	0.008245212	0.044121018	Down
T	chr8	<i>HOOK3</i>	2.585515269	1.370451825	2.27E-06	0.000120724	Up
T	chr3	<i>EPHB3</i>	0.120801875	-3.049285253	0.007140956	0.039918082	Down
T	chr4	<i>C4orf33</i>	Inf	Inf	0.005929639	0.035237286	Up
T	chr12	<i>RFX4</i>	0.1115389	-3.164381149	0.001595403	0.014335858	Down
T	chr17	<i>TP53</i>	0.40378191	-1.308351818	1.36E-05	0.000447834	Down
T	chr7	<i>CCT6P3</i>	8.364267877	3.064239267	0.002594056	0.019895387	Up
T	chr2	<i>IKZF2</i>	1.759336342	0.815031317	0.001073903	0.010835377	Up
T	chr1	<i>TPR</i>	1.898987091	0.925230098	0.000110633	0.002113201	Up
T	chr9	<i>GLIS3</i>	0.321232032	-1.638312337	0.008312398	0.044407676	Down
T	chr17	<i>G6PC3</i>	0.361245137	-1.468949928	3.52E-05	0.000902841	Down
T	chr9	<i>ERCC6L2</i>	2.713362915	1.440082022	7.85E-05	0.001643193	Up
T	chr3	<i>PFN2</i>	4.656967861	2.219390926	0.001306287	0.012530752	Up
T	chr19	<i>LPHN1</i>	0.513615956	-0.961238072	0.001719362	0.015115095	Down
T	chr6	<i>REV3L</i>	1.684797854	0.752575504	0.002438108	0.019069279	Up
T	chr11	<i>VPS51</i>	0.465649597	-1.102683365	0.001474699	0.013644623	Down
T	chr12	<i>ACVRL1</i>	0.082516578	-3.599172201	8.41E-05	0.001726799	Down
T	chr14	<i>RAD51B</i>	2.724176709	1.44582029	0.004627494	0.029499097	Up
T	chr16	<i>E2F4</i>	0.508050109	-0.976957299	0.000478017	0.006036992	Down
T	chrX	<i>WDR44</i>	1.89652944	0.923361767	0.005625678	0.033883931	Up
T	chrX	<i>WDR45</i>	0.468749668	-1.093110426	0.004466328	0.028841639	Down

T	chr10	<i>CALHM2</i>	0.382435035	-1.3867134	0.000344003	0.004769242	Down
T	chr17	<i>HDAC5</i>	0.422140679	-1.244204234	1.84E-05	0.000560103	Down
T	chr1	<i>SLC26A9</i>	0.056645128	-4.141904319	0.00513735	0.031569414	Down
T	chr1	<i>FNBP1L</i>	2.151428704	1.105295032	0.00011944	0.002222836	Up
T	chr15	<i>CLPX</i>	2.180493844	1.124654917	6.92E-05	0.001513938	Up
T	chr8	<i>GSDMD</i>	6.425855501	2.683888539	0.002695932	0.020400885	Up
T	chr9	<i>CTNNA1</i>	14.70408841	3.878145441	0.001261986	0.012200628	Up
T	chr19	<i>PIP5K1C</i>	0.505286412	-0.984826711	0.001994212	0.016655883	Down
T	chr7	<i>GATAD1</i>	2.184619404	1.127381961	0.000880225	0.009374216	Up
T	chr7	<i>SAMD9</i>	3.315973169	1.729432333	6.25E-05	0.001391091	Up
T	chr19	<i>MYADM</i>	0.015734758	-5.989901226	6.61E-06	0.000270338	Down
T	chr1	<i>EPHB2</i>	0.303520347	-1.720134862	2.00E-06	0.000112423	Down
T	chr2	<i>CWC22</i>	1.784562156	0.835570151	0.006930977	0.039109658	Up
T	chr6	<i>ABCF1</i>	0.431457644	-1.212709158	7.40E-06	0.00029354	Down
T	chr1	<i>HIST3H3</i>	0.165455755	-2.595482623	1.87E-14	1.88E-11	Down
T	chr3	<i>PPP2R3A</i>	2.130284938	1.091046412	0.000199342	0.003190947	Up
T	chr9	<i>TOR4A</i>	0.183279434	-2.447883188	0.000753267	0.008353895	Down
T	chr8	<i>LOC100500773</i>	2.04679897	1.033369412	0.004459831	0.028841639	Up
T	chr3	<i>CELSR3</i>	0.095804142	-3.383768157	0.001356124	0.012895037	Down
T	chr11	<i>FGF3</i>	0	#NAME?	0.009710678	0.049544587	Down
T	chr5	<i>SLC36A1</i>	0.409153711	-1.289285159	0.006900949	0.038990811	Down
T	chr5	<i>SLC36A2</i>	0.21555932	-2.213843156	0.008875357	0.046538548	Down
T	chr1	<i>HIST2H2AB</i>	0.481337545	-1.054879134	0.000544065	0.006602669	Down
T	chr9	<i>STXBP1</i>	0.509565686	-0.972659966	0.006808589	0.03870364	Down
T	chr1	<i>ABCD3</i>	2.093704675	1.066057959	0.000638435	0.007449929	Up
T	chr19	<i>UQCR11</i>	0.186168647	-2.425317968	0.000894427	0.009479034	Down
T	chr8	<i>ATP6V1H</i>	2.145344661	1.101209443	0.000102879	0.00200885	Up
T	chr8	<i>VDAC3</i>	1.754719295	0.811240259	0.009789805	0.049817506	Up
T	chr12	<i>RECQL</i>	3.162374047	1.661008021	0.004768586	0.030082519	Up
T	chr2	<i>GLS</i>	2.282076107	1.190346906	2.16E-06	0.000117588	Up
T	chr3	<i>CMTM7</i>	0.375543667	-1.412947427	4.76E-09	8.58E-07	Down
T	chr16	<i>UBALD1</i>	0.182699633	-2.452454362	6.34E-07	4.62E-05	Down
T	chr19	<i>IER2</i>	0.191840884	-2.382017887	5.85E-05	0.001333889	Down
T	chr12	<i>RAP1B</i>	3.073412525	1.619841424	3.73E-06	0.000177708	Up
T	chr12	<i>KDM2B</i>	0.538689308	-0.892474664	0.000950603	0.009896453	Down
T	chr8	<i>MTSS1</i>	0.493596787	-1.01859509	0.000214603	0.003376627	Down
T	chr6	<i>TFAP2A</i>	0	#NAME?	1.47E-07	1.48E-05	Down
T	chr11	<i>IPO7</i>	1.824365377	0.867394696	0.000933716	0.009745012	Up
T	chr3	<i>ZDHC3</i>	0.500461031	-0.998670359	0.000117368	0.002196822	Down
T	chr4	<i>LCORL</i>	1.839971283	0.87968325	0.001145709	0.011418582	Up
T	chr1	<i>RIT1</i>	3.69143942	1.884183483	0.00288648	0.021371745	Up
T	chr1	<i>HIST2H2BF</i>	2.292152181	1.196702831	0.00084271	0.009062579	Up
T	chr11	<i>ZBTB16</i>	0.444091136	-1.17107232	0.000701091	0.007980915	Down
T	chr9	<i>MPDZ</i>	3.049061086	1.608365054	0.004177132	0.027453331	Up

T	chr7	ZNF273	4.013711479	2.004936914	9.94E-05	0.00195496	Up
T	chr9	TMEM2	1.99529847	0.996604571	0.006290688	0.036647452	Up
T	chr19	ZIK1	5.179006058	2.372675246	3.22E-05	0.000843825	Up
T	chr5	ZNF879	5.741549667	2.521440179	0.000483577	0.006083652	Up
T	chr1	LCK	0.416319658	-1.264236414	0.00013257	0.002412146	Down
T	chr2	TUBA3D	0.159208372	-2.651011896	0.002612665	0.019979383	Down
T	chr12	HDAC7	0.288338459	-1.794164814	0.000747639	0.008308822	Down
T	chr2	CLK1	2.012973135	1.009327918	3.61E-05	0.000922461	Up
T	chr11	CASP12	6.39387979	2.67669162	0.000793555	0.008663363	Up
T	chr11	POLD3	1.730337972	0.791053855	0.00890301	0.046627169	Up
T	chr22	SREBF2	0.366437665	-1.448360293	0.000333839	0.004678044	Down
T	chr12	NCAPD2	0.636037231	-0.652816878	0.004742555	0.029980833	Down
T	chr11	UNC93B1	0.397603345	-1.330598199	2.18E-06	0.000117911	Down
T	chr1	GBP2	10.20523453	3.351237433	0.000803409	0.008763607	Up
T	chr8	SLC52A2	0.103752375	-3.268783726	0.005248646	0.032101202	Down
T	chr4	ABCG2	2.035884808	1.025655935	0.004245263	0.027775173	Up
T	chr11	CAPN1	0.401135539	-1.317838307	3.01E-05	0.000793724	Down
T	chr1	GBP3	3.45104251	1.787032245	0.008636336	0.045726316	Up
T	chr11	APLNR	0.029159921	-5.09986936	0.004005868	0.026677157	Down
T	chr1	GBP5	5.872023394	2.553857716	4.63E-05	0.001114532	Up
T	chr17	FZD2	0.143407157	-2.801811069	0.006066716	0.035796644	Down
T	chr1	HOOK1	3.476052542	1.797449889	5.13E-07	3.85E-05	Up
T	chr2	PTPN4	2.412438094	1.270491921	5.80E-06	0.00024659	Up
T	chr19	SAE1	0.47375803	-1.077777698	0.000916352	0.009625388	Down
T	chr9	UHRF2	1.684317436	0.752164063	0.00373469	0.025549433	Up
T	chr7	ZNF282	0.453452591	-1.140976371	0.000363045	0.004970198	Down
T	chr17	KDM6B	0.286937937	-1.801189371	0.003957968	0.026489346	Down
T	chr1	OBSCN	0.143473614	-2.801142659	0.001477784	0.013647734	Down
T	chr9	PTPRD	0.143090509	-2.80500011	9.59E-06	0.00035041	Down
T	chr6	FBXO30	3.084460088	1.625017978	6.85E-06	0.000278271	Up
T	chr17	ADAM11	0.211998837	-2.237871747	1.96E-06	0.000110473	Down
T	chr9	PLAA	1.895393166	0.922497141	0.000396433	0.005299042	Up
T	chr9	ZBTB6	3.488255866	1.802505867	9.41E-07	6.17E-05	Up
T	chr1	TOR1AIP1	0.444239452	-1.170590574	0.000926496	0.009685145	Down
T	chr10	MRPS16	0.430365018	-1.216367282	0.007267667	0.040432404	Down
T	chr5	PTCD2	10.6579849	3.41386279	1.08E-05	0.000380699	Up
T	chr12	CCND2	0.554158822	-0.851628583	0.000467371	0.005942807	Down
T	chr12	OSBPL8	2.142266214	1.099137772	8.94E-06	0.000333367	Up
T	chr1	KIRREL	0.151269698	-2.724805075	0.00245867	0.019172627	Down
T	chr13	OLFM4	0	#NAME?	0.000303901	0.004356801	Down
T	chr6	RXRB	0.424802975	-1.235134225	5.91E-06	0.000248573	Down
T	chrX	MST4	1.820890869	0.86464446	0.005196774	0.031904526	Up
T	chr12	MFSD5	0.341077169	-1.551829908	0.00015094	0.002637183	Down
T	chr1	DHRS3	0.370132779	-1.433885189	9.86E-06	0.000356372	Down

T	chr17	<i>MRPL12</i>	0.342734482	-1.54483675	0.001855026	0.015829846	Down
T	chr17	<i>ARHGDI1A</i>	0.529064919	-0.918483335	0.000185776	0.003044763	Down
T	chr6	<i>SHPRH</i>	1.762115696	0.817308651	0.00195497	0.016401632	Up
T	chr13	<i>EXOSC8</i>	2.038699712	1.027649291	0.004354123	0.028359405	Up
T	chr5	<i>NADKD1</i>	2.020278992	1.014554537	0.002110037	0.017334727	Up
T	chr2	<i>HNMT</i>	44.00340874	5.459543382	3.92E-09	7.51E-07	Up
T	chr10	<i>ZMYND11</i>	1.803941409	0.851152481	0.000869826	0.009282515	Up
T	chr8	<i>UBE2W</i>	1.92067124	0.941610595	0.001414159	0.013253675	Up
T	chr11	<i>SOX6</i>	2.631609573	1.395945466	0.000141966	0.002530174	Up
T	chrX	<i>ZNF630</i>	3.659626719	1.871696501	0.006015783	0.035592703	Up
T	chr1	<i>LIN9</i>	1.88044042	0.911070597	0.007585914	0.041509702	Up
T	chr5	<i>SRFBP1</i>	2.690331316	1.427783852	0.008257289	0.044167525	Up
T	chr11	<i>MTRNR2L8</i>	0.283395458	-1.819111461	4.31E-07	3.42E-05	Down
T	chr5	<i>RANBP17</i>	2.316698587	1.212070355	0.002214608	0.017889642	Up
T	chrX	<i>MTRNR2L10</i>	0.188711865	-2.405742964	3.56E-21	1.55E-17	Down
T	chr9	<i>FKTN</i>	5.049247771	2.336068474	0.000227018	0.003530006	Up
T	chr7	<i>UBE2H</i>	0.401584235	-1.316225459	0.001967184	0.016490442	Down
T	chr14	<i>CYP46A1</i>	0.021786588	-5.520415942	0.000569371	0.00682095	Down
T	chr2	<i>ARID5A</i>	0.515058232	-0.957192543	0.006278669	0.036647452	Down
T	chr9	<i>PTCH1</i>	0.590654644	-0.759613263	0.008231245	0.044064353	Down
T	chr2	<i>SMC6</i>	1.922616396	0.943070942	0.004598627	0.029408674	Up
T	chr2	<i>PTCD3</i>	4.151129622	2.053503982	0.005069505	0.031374206	Up
T	chrX	<i>ZNF182</i>	2.736388099	1.452272861	0.001916491	0.016161955	Up
T	chr2	<i>ALS2CR8</i>	3.580409561	1.840124626	0.002605895	0.019950998	Up
T	chr7	<i>ING3</i>	2.376610579	1.248905529	0.000105392	0.002036964	Up
T	chr5	<i>COL4A3BP</i>	1.799235459	0.847383999	0.001902104	0.016092641	Up
T	chr21	<i>TTC3</i>	1.901982747	0.92750416	0.000823323	0.008921153	Up
T	chr12	<i>KDM5A</i>	1.708427359	0.772668907	0.001362642	0.012928752	Up
T	chrX	<i>CYSLTR1</i>	0.151913238	-2.718680498	0.007129043	0.039916522	Down
T	chr19	<i>ARHGEF1</i>	0.312773855	-1.676808174	0.000702682	0.007980915	Down
T	chr12	<i>CCDC38</i>	0.078765824	-3.666286396	0.008905597	0.046627169	Down
T	chr15	<i>CA12</i>	0.133291956	-2.907338382	4.50E-05	0.001091773	Down
T	chr19	<i>ISYNA1</i>	0.296929515	-1.751807588	5.32E-06	0.000231947	Down
T	chr4	<i>PCDH7</i>	3.777448025	1.917411905	1.43E-09	3.17E-07	Up
T	chr7	<i>YWHAG</i>	0.496022214	-1.011523362	3.74E-05	0.000947254	Down
T	chr1	<i>DPM3</i>	0.287031809	-1.800717467	0.00802675	0.043289367	Down
T	chr5	<i>CTNND2</i>	0.342982316	-1.543793901	0.001663484	0.014773188	Down
T	chr8	<i>FAM83H</i>	0.179109418	-2.481086895	0.00623153	0.036504955	Down
T	chr19	<i>EPN1</i>	0.533391243	-0.906733955	0.000546295	0.006623576	Down
T	chr5	<i>ANKRD32</i>	2.233988029	1.159621455	0.000100354	0.001971714	Up
T	chr7	<i>JHDM1D</i>	1.735412682	0.795278777	0.002944854	0.021656027	Up
T	chr11	<i>DDX10</i>	2.325445893	1.217507373	0.000124011	0.002284644	Up
T	chr1	<i>CCT3</i>	1.943546641	0.958691729	0.004696766	0.029831553	Up
T	chr6	<i>DST</i>	1.983379257	0.987960573	0.000157612	0.002701985	Up

T	chr16	COX6A2	0.036449902	-4.777941265	0.000161206	0.002745552	Down
T	chr12	CCDC41	2.130822405	1.091410355	0.000241931	0.003687185	Up
T	chr17	SAMD14	0.199932662	-2.322413916	0.000391795	0.005258605	Down
T	chr12	COPS7A	0.504930588	-0.985843017	0.000833066	0.008996838	Down
T	chr17	PTRF	0.325799318	-1.617944512	0.002847729	0.021193082	Down
T	chrX	TAF1	1.837761717	0.87794972	0.000594609	0.00706491	Up
T	chr1	FAM132A	0.286947228	-1.801142659	0.001622276	0.014515917	Down
T	chr13	UBAC2	0.49902972	-1.002802355	0.001755464	0.015318914	Down
T	chr3	XXYL1	0.420834338	-1.248675667	0.002097907	0.017283491	Down
T	chr14	SYNJ2BP	Inf	Inf	0.005934739	0.035241061	Up
T	chr17	DDX52	2.64128817	1.401241711	1.73E-05	0.000537558	Up
T	chr18	DSEL	2.600460199	1.378766957	0.000408363	0.005419642	Up
T	chr1	PRPF38A	3.352841836	1.745384428	3.60E-05	0.000921919	Up
T	chr10	SMC3	1.93769336	0.954340282	0.000124337	0.002284644	Up
T	chr9	COL5A1	0.089031361	-3.489542586	0.000454986	0.005836525	Down
T	chr18	TMX3	1.82853737	0.870690112	0.009573395	0.049078905	Up
T	chr3	PTPRG	0	#NAME?	0.003858085	0.026119654	Down
T	chr19	EPOR	0.078765824	-3.666286396	0.000102045	0.001995918	Down
T	chr4	NUP54	2.381345889	1.251777187	7.95E-05	0.001663065	Up
T	chr19	PSENFEN	0.393603029	-1.34518677	1.06E-05	0.000376935	Down
T	chr1	APH1A	0.336268097	-1.572316185	2.37E-10	6.43E-08	Down
T	chrX	KLHL15	2.039676608	1.02834043	0.002245709	0.018073729	Up
T	chr9	RAPGEF1	0.495301296	-1.013621699	5.86E-05	0.0013346	Down
T	chr3	EIF4A2	2.041537182	1.029655843	0.001792269	0.015546505	Up
T	chr17	SCN4A	0.026128402	-5.258237275	8.91E-06	0.000332887	Down
T	chr7	DTX2	0.142729296	-2.808646607	2.93E-05	0.000779425	Down
T	chr10	MPP7	2.39210567	1.258281121	0.00265675	0.020233485	Up
T	chr8	KHDRBS3	4.012543438	2.00451701	2.90E-05	0.000775651	Up
T	chr8	SDC2	8.793293122	3.136403561	0.002875687	0.02133071	Up
T	chr9	CD72	0	#NAME?	0.003057975	0.022146029	Down
T	chr2	PABPC1P2	0.105067407	-3.250612893	4.57E-08	5.79E-06	Down
T	chr2	FHL2	0.102424806	-3.28736293	0.000365431	0.00498845	Down
T	chr12	KIAA1033	2.939689173	1.55566362	2.27E-07	2.05E-05	Up
T	chr6	UTRN	1.978694377	0.984548796	8.34E-05	0.001719865	Up
T	chr11	EED	1.656848105	0.728441346	0.0060899	0.035880818	Up
T	chr12	SUDS3	7.642001836	2.933950604	0.000503036	0.006262032	Up
T	chr2	AFTPH	2.157518189	1.109372722	2.22E-05	0.000647284	Up
T	chr2	RNPEPL1	0.323429063	-1.628478771	6.97E-06	0.000281467	Down
T	chr17	LINC00672	0.053018039	-4.237372883	0.00304387	0.02211569	Down
T	chr7	PLOD3	0.429207363	-1.220253271	0.000125551	0.002303712	Down
T	chr16	MTRNR2L4	0.394459723	-1.342050096	0.004173355	0.027442616	Down
T	chr2	LRPPRC	2.403939893	1.265400824	7.67E-05	0.001614683	Up
T	chr6	SKIV2L	0.499841116	-1.000458514	0.000181959	0.003006086	Down
T	chr17	ITGB3	0.399652735	-1.323181132	0.000615811	0.007263894	Down

T	chr16	<i>ITGAL</i>	0.258947169	-1.94927031	2.68E-05	0.000731415	Down
T	chr19	<i>TOMM40</i>	0.342403224	-1.54623181	1.11E-05	0.000387479	Down
T	chr5	<i>EFNA5</i>	0.053104807	-4.235013723	0.000755268	0.008363084	Down
T	chr13	<i>NUFIP1</i>	4.022936612	2.008249006	0.000331127	0.004660068	Up
T	chr6	<i>CDC5L</i>	1.819109585	0.863232455	0.000701992	0.007980915	Up
T	chr17	<i>SLC39A11</i>	0.454976444	-1.136136242	0.002646073	0.020187523	Down
T	chr16	<i>IRF8</i>	0.482560824	-1.051217299	0.00048414	0.006084859	Down
T	chr5	<i>ANKHD1</i>	3.624746002	1.857879904	0.001346055	0.012817984	Up
T	chr1	<i>PTPRC</i>	1.695842551	0.76200223	0.002291131	0.018259071	Up
T	chr8	<i>PTPA43</i>	0.285471426	-1.808581748	2.79E-09	5.51E-07	Down
T	chr6	<i>VTA1</i>	2.633050366	1.396735118	0.00031831	0.004523602	Up
T	chr1	<i>PTPRF</i>	0.419021578	-1.254903557	0.000301339	0.004334358	Down
T	chr1	<i>UBE2T</i>	3.265714407	1.70739863	0.006186137	0.036304246	Up
T	chr19	<i>AP2A1</i>	0.439296027	-1.186734644	2.69E-06	0.000136694	Down
T	chr10	<i>NCOA4</i>	2.107032912	1.075212849	0.000230433	0.003561884	Up
T	chrX	<i>ZNF674</i>	5.439039955	2.443352024	3.43E-07	2.83E-05	Up
T	chr22	<i>TAB1</i>	0.465138548	-1.104267588	0.005769733	0.034527666	Down
T	chr17	<i>TOP2A</i>	1.987813652	0.991182518	2.95E-05	0.000782791	Up
T	chr12	<i>GRIN2B</i>	0	#NAME?	0.002573173	0.019793408	Down
T	chr10	<i>EMX2</i>	0	#NAME?	0.003423599	0.02408582	Down
T	chr1	<i>PTPRU</i>	0.171275155	-2.545612201	0.000198682	0.003188194	Down
T	chr3	<i>MASP1</i>	0	#NAME?	4.64E-06	0.000211052	Down
T	chr19	<i>MIER2</i>	7.49784381	2.906475773	0.004776667	0.030104537	Up
T	chr4	<i>ATP10D</i>	1.694796619	0.761112156	0.008010387	0.043236869	Up
T	chr19	<i>RFX1</i>	0.323813081	-1.626766829	9.19E-05	0.001842422	Down
T	chr7	<i>MYO1G</i>	0.559627221	-0.837461956	0.000986368	0.010171693	Down
T	chr4	<i>TRMT44</i>	11.52161778	3.526271398	0.009330489	0.048246355	Up
T	chr22	<i>LGALS1</i>	0.496476416	-1.010202907	0.002909622	0.021465449	Down
T	chr12	<i>DDX54</i>	0.525041802	-0.929495805	0.001632962	0.014591525	Down
T	chr11	<i>SLC25A22</i>	0.358055477	-1.48174496	0.001157931	0.011472639	Down
T	chr14	<i>MIS18BP1</i>	3.413545911	1.771271156	0.000237201	0.003627811	Up
T	chr4	<i>RBM47</i>	0.317076292	-1.657098087	8.31E-05	0.001717938	Down
T	chr9	<i>ZNF658</i>	Inf	Inf	9.65E-09	1.54E-06	Up
T	chr8	<i>PCM1</i>	2.344650614	1.229372957	6.80E-07	4.82E-05	Up
T	chr2	<i>NCKAP1</i>	2.416686913	1.273030581	0.007374952	0.040828347	Up
T	chrX	<i>TFE3</i>	0.289580795	-1.78796217	2.50E-06	0.000129633	Down
T	chr3	<i>MYNN</i>	1.932847896	0.95072811	0.002480227	0.019283099	Up
T	chr5	<i>MYO10</i>	0.474579678	-1.075277771	0.002052567	0.017001768	Down
T	chr16	<i>ATXN2L</i>	0.344649309	-1.536798974	5.77E-05	0.001324732	Down
T	chr6	<i>BEND3</i>	0.401300794	-1.317244083	0.009763406	0.049735806	Down
T	chr2	<i>RNF103</i>	1.823201393	0.866473932	0.00367931	0.025250016	Up
T	chr19	<i>SHKBP1</i>	0.407140402	-1.296401703	0.002163623	0.017595063	Down
T	chrX	<i>THOC2</i>	1.964093485	0.973863599	5.78E-05	0.001324732	Up
T	chr1	<i>TRMT13</i>	2.49092466	1.316681387	0.001497498	0.013741559	Up

T	chr2	<i>SMEK2</i>	1.640837844	0.714432671	0.003618195	0.024945715	Up
T	chr6	<i>IER3</i>	0.215768659	-2.212442769	0.002275657	0.018207089	Down
T	chr9	<i>BNC2</i>	0.124434565	-3.006540802	0.002282795	0.018226038	Down
T	chr1	<i>CEP170</i>	2.035003793	1.025031483	0.003920632	0.026365237	Up
T	chr7	<i>ZC3HAV1</i>	0.503328292	-0.990428401	0.005317961	0.032433202	Down
T	chr7	<i>ARPC1B</i>	0.623943178	-0.680513445	0.003705052	0.025386608	Down
T	chr17	<i>GRN</i>	0.381381629	-1.390692745	0.000151366	0.002637183	Down
T	chr5	<i>MGAT1</i>	0.413777643	-1.273072398	3.14E-07	2.67E-05	Down
T	chr10	<i>DDX50</i>	1.80194841	0.849557707	0.000897588	0.009497112	Up
T	chr19	<i>MYH14</i>	0.50801944	-0.97704439	0.004608786	0.029444845	Down
T	chr10	<i>IDI1</i>	10.64961133	3.412728873	1.29E-05	0.000432088	Up
T	chr9	<i>RMRP</i>	0.586412312	-0.7700127	0.004581632	0.029357549	Down
T	chr11	<i>TBC1D10C</i>	0.279294682	-1.84013999	1.13E-08	1.74E-06	Down
T	chr9	<i>AGTPBP1</i>	2.583945244	1.369575498	3.37E-05	0.000871538	Up
T	chr4	<i>SH3TC1</i>	0.092532094	-3.433902354	6.19E-06	0.000255819	Down
T	chr6	<i>ZNF184</i>	2.197568739	1.135908293	0.001574536	0.014235198	Up
T	chrX	<i>KIF4A</i>	2.235984941	1.160910472	0.000987074	0.010171693	Up
T	chr8	<i>RNF19A</i>	2.582956781	1.369023504	8.42E-06	0.000319141	Up
T	chr13	<i>NAA16</i>	2.033869061	1.024226803	0.000723677	0.008131986	Up
T	chr12	<i>CCDC91</i>	Inf	Inf	0.00014084	0.002516987	Up
T	chr3	<i>ZNF148</i>	1.873783111	0.905953972	0.000187264	0.003061462	Up
T	chr19	<i>CYP4F2</i>	0.297904094	-1.747080143	0.006869539	0.038880695	Down
T	chr11	<i>MRPL11</i>	6.114840938	2.612314971	0.000695955	0.007959111	Up
T	chr12	<i>STAT6</i>	0.552113182	-0.856964049	0.001499922	0.013741559	Down
T	chr20	<i>BLCAP</i>	0.507417907	-0.978753661	0.004209285	0.027567436	Down
T	chr8	<i>PREX2</i>	22.57652923	4.496751807	6.46E-08	7.32E-06	Up
T	chr3	<i>GBE1</i>	2.078397906	1.055471882	0.000673732	0.00775089	Up
T	chr20	<i>OSBPL2</i>	0.490499909	-1.027675226	0.004410692	0.028627803	Down
T	chr17	<i>COASY</i>	0.466795869	-1.099136301	0.001676836	0.014861414	Down
T	chr3	<i>POC1A</i>	0.451298189	-1.147847105	0.000598736	0.007094557	Down
T	chr14	<i>ACTR10</i>	1.9094518	0.933158503	0.001576214	0.014240501	Up
T	chr17	<i>PHF12</i>	0.59891354	-0.739580346	0.006690958	0.038234885	Down
T	chr1	<i>ZNF281</i>	1.842821672	0.881916469	0.0008131	0.008839749	Up
T	chr11	<i>CUL5</i>	2.251638047	1.170974931	2.35E-05	0.000668336	Up
T	chr4	<i>SYNPO2</i>	0.285535591	-1.808257513	0.002610098	0.019971462	Down
T	chr2	<i>MGAT5</i>	0.558214824	-0.841107659	0.004716589	0.029899235	Down
T	chrX	<i>GLA</i>	14.97894047	3.904863674	0.00114235	0.011393805	Up
T	chr7	<i>RBAK</i>	2.483978913	1.312652926	0.001375468	0.013002562	Up
T	chr1	<i>C1orf27</i>	2.910538075	1.541285891	0.000858424	0.009194577	Up
T	chr19	<i>SYMPK</i>	0.569945911	-0.811103085	0.006288899	0.036647452	Down
T	chr10	<i>ITGB1</i>	1.725611368	0.787107586	0.002198	0.017788529	Up
T	chr15	<i>BLM</i>	1.902020473	0.927532776	0.001308202	0.012539904	Up
T	chr11	<i>TMEM134</i>	0.321153215	-1.638666354	0.000169229	0.002837832	Down
T	chr2	<i>GCC2</i>	2.04096317	1.029250149	0.000625474	0.007326292	Up

T	chr2	<i>SNORA80B</i>	0.057761604	-4.113745373	0.000516736	0.006363919	Down
T	chr19	<i>PLEKHJ1</i>	0.392795402	-1.348150054	0.00314745	0.022671402	Down
T	chr13	<i>SNORA31</i>	0.27699158	-1.852085974	0.002030471	0.016872151	Down
T	chr7	<i>CEP41</i>	2.261815112	1.177481003	0.004628595	0.029499097	Up
T	chr18	<i>MALT1</i>	2.15282533	1.106231271	0.0008379	0.009034086	Up
T	chr3	<i>ZNF619</i>	Inf	Inf	0.001088722	0.010943444	Up
T	chr7	<i>LRRN3</i>	2.694144032	1.429826981	0.000567972	0.006816712	Up
T	chr14	<i>TINF2</i>	Inf	Inf	0.000458793	0.005879576	Up
T	chr19	<i>RPS9</i>	0.62633097	-0.675002878	0.003769009	0.025663099	Down
T	chr6	<i>TMEM63B</i>	0.400166902	-1.321326249	9.65E-05	0.001919072	Down
T	chr17	<i>LPO</i>	0.230504329	-2.11713425	6.50E-10	1.63E-07	Down
T	chr15	<i>BAHD1</i>	0.431583527	-1.212288295	0.000174775	0.002908306	Down
T	chr7	<i>HEATR2</i>	0.180808313	-2.467467082	0.000365932	0.00498845	Down
T	chr17	<i>MIR5047</i>	1.993705473	0.995452298	0.002983124	0.021814929	Up
T	chr9	<i>POLR1E</i>	4.418615148	2.143594281	0.003844383	0.026053934	Up
T	chr3	<i>ZNF167</i>	4.108187438	2.038502007	0.001205273	0.011787104	Up
T	chr1	<i>ATP13A2</i>	0.287770496	-1.797009411	1.20E-11	4.67E-09	Down
T	chrX	<i>MTCP1</i>	3.977607037	1.991900754	0.000329843	0.004653212	Up
T	chr6	<i>SLC35A1</i>	2.184766536	1.127479122	0.002277631	0.018207089	Up
T	chr14	<i>NAA30</i>	1.89285673	0.920565217	0.002309598	0.018368799	Up
T	chr9	<i>SMC2</i>	2.011503452	1.008274214	0.000423675	0.005566224	Up
T	chrX	<i>DDX26B</i>	1.942303892	0.957768942	0.00013851	0.002488978	Up
T	chr2	<i>MYO3B</i>	0.090078057	-3.472680474	0.000753682	0.008353895	Down
T	chr9	<i>SMC5</i>	2.056151557	1.039946608	8.48E-05	0.001739168	Up
T	chr14	<i>SAMD4A</i>	0.028741243	-5.120733751	5.11E-06	0.000227871	Down
T	chr7	<i>DNAJB9</i>	1.817692706	0.862108322	0.008821419	0.046386227	Up
T	chr2	<i>SPC25</i>	3.481349029	1.799646461	0.00278054	0.020843917	Up
T	chr9	<i>ALDH1A1</i>	3.942424709	1.979083203	0.003959392	0.026489346	Up
T	chr5	<i>FTMT</i>	0.021786588	-5.520415942	0.000366704	0.004993754	Down
T	chr17	<i>BZRAP1</i>	0.470463029	-1.087846741	0.003738844	0.025564441	Down
T	chr2	<i>SCARNAS</i>	0.261121697	-1.937205757	0.00175539	0.015318914	Down
T	chr6	<i>NRM</i>	0.265746554	-1.911877113	4.41E-06	0.000204976	Down
T	chr1	<i>RXRG</i>	0.174218557	-2.52102979	0.000623045	0.007322741	Down
T	chr3	<i>CHDH</i>	0.150917127	-2.728171559	1.58E-12	1.03E-09	Down
T	chr5	<i>RNF180</i>	5.424562083	2.439506676	0.008588096	0.045563361	Up
T	chr12	<i>KIAA1551</i>	2.672455641	1.418166001	0.00316909	0.022730093	Up
T	chr2	<i>EEF1B2</i>	0.203881638	-2.294196244	3.97E-12	2.07E-09	Down
T	chr3	<i>ATG3</i>	2.151988858	1.105670608	0.003170993	0.022730093	Up
T	chr2	<i>MCM6</i>	1.610693649	0.687682123	0.003643799	0.025059039	Up
T	chr6	<i>SLC35B2</i>	0.528955343	-0.918782166	0.001685044	0.014903786	Down
T	chr1	<i>IGSF3</i>	0.119406279	-3.066049396	0.000133705	0.002422659	Down
T	chr7	<i>DNAJC2</i>	2.154701059	1.107487725	0.002873914	0.02133071	Up
T	chr1	<i>IGSF8</i>	0.247754095	-2.013019193	1.77E-06	0.000102003	Down
T	chr20	<i>ADRM1</i>	0.550808002	-0.860378577	0.004185031	0.027484181	Down

T	chr10	<i>NSMCE4A</i>	2.513586391	1.329747275	5.89E-05	0.001338096	Up
T	chr16	<i>GPR56</i>	0.346853862	-1.527600145	0.005976736	0.035409852	Down
T	chr9	<i>ALDH1B1</i>	0.409094848	-1.289492727	0.000266543	0.003942546	Down
T	chr2	<i>HIBCH</i>	4.150461944	2.053271917	0.000122095	0.002265787	Up
T	chr12	<i>HVCN1</i>	0.183025689	-2.449881938	3.14E-05	0.000825177	Down
T	chr19	<i>ZNF700</i>	2.490442496	1.3164021	0.00735609	0.040750554	Up
T	chr12	<i>SCN8A</i>	0	#NAME?	9.95E-12	4.33E-09	Down
T	chr15	<i>LEO1</i>	2.315005243	1.211015461	0.001712751	0.015087478	Up
T	chr2	<i>PIKFYVE</i>	2.130479806	1.091178377	3.50E-05	0.000899611	Up
T	chr19	<i>TBXA2R</i>	0.025747785	-5.279407843	0.000915695	0.009625388	Down
T	chr9	<i>KLHL9</i>	1.918226473	0.93977306	0.000170013	0.002847223	Up
T	chr19	<i>ZNF780B</i>	2.856286311	1.514140601	0.00485912	0.030462316	Up
T	chr5	<i>LSP1P3</i>	17.80282328	4.154034146	0.000552822	0.006665545	Up
T	chr15	<i>FURIN</i>	0.318781165	-1.649361703	2.99E-07	2.59E-05	Down
T	chr3	<i>MLH1</i>	1.812387371	0.857891343	0.004814041	0.030281569	Up
T	chr22	<i>MFNG</i>	0.486411426	-1.039750976	0.001886317	0.016014885	Down
T	chr2	<i>DES</i>	0.122578642	-3.028220472	0.007454513	0.04106908	Down
T	chr2	<i>SNRNP27</i>	2.487582864	1.314744584	0.004960672	0.030882793	Up
T	chr19	<i>RPS16</i>	0.183169193	-2.448751215	1.32E-12	9.06E-10	Down
T	chr10	<i>PANK1</i>	2.308822377	1.207157188	0.000190673	0.003086894	Up
T	chr2	<i>ATG9A</i>	0.436546784	-1.195791822	0.00025013	0.003781225	Down
T	chr21	<i>MORC3</i>	2.339978218	1.226495101	5.13E-06	0.000227871	Up
T	chr7	<i>KEL</i>	0.2230778	-2.164381149	0.00965049	0.049344776	Down
T	chr7	<i>ACHE</i>	0.191608284	-2.383768157	0.0081357	0.043742072	Down
T	chr1	<i>FAAH</i>	0.398041622	-1.329008799	0.006091983	0.035880818	Down
T	chr8	<i>NUDCD1</i>	1.945890543	0.96043056	0.003761441	0.025651733	Up
T	chr14	<i>ARHGAP5</i>	2.503423333	1.323902274	4.63E-05	0.001114532	Up
T	chr11	<i>LRFN4</i>	0.231919272	-2.108305382	0.000478011	0.006036992	Down
T	chr2	<i>MYT1L</i>	0	#NAME?	8.68E-05	0.001764576	Down
T	chr9	<i>CNTLN</i>	3.223553618	1.68865198	8.71E-08	9.62E-06	Up
T	chr10	<i>YME1L1</i>	2.197977268	1.136176466	0.000386407	0.00520204	Up
T	chrX	<i>MIR223</i>	0.057482485	-4.120733751	0.004333448	0.028267079	Down
T	chr5	<i>ZFP62</i>	2.002809336	1.002025086	0.000275399	0.004036921	Up
T	chr5	<i>UIMC1</i>	1.805720406	0.852574527	0.003334827	0.023644649	Up
T	chr9	<i>ST6GALNAC4</i>	0.383740585	-1.381796742	0.002161921	0.017595063	Down
T	chr14	<i>G2E3</i>	2.277756856	1.187613752	0.00275509	0.020728322	Up
T	chr3	<i>ZNF197</i>	2.564814034	1.358854225	0.002472635	0.019258506	Up
T	chr10	<i>HNRNPA3P1</i>	0.379047351	-1.399550011	0.001452151	0.013512673	Down
T	chr6	<i>ZBTB12</i>	0.383209	-1.383796652	0.001841223	0.015751209	Down
T	chr1	<i>EGLN1</i>	0.450685987	-1.149805502	0.001536845	0.014001175	Down
T	chr19	<i>ZNF260</i>	2.488754989	1.315424208	2.15E-05	0.000628517	Up
T	chr2	<i>KANSL1L</i>	2.087769783	1.061962636	6.03E-05	0.00135951	Up
T	chr6	<i>BCKDHB</i>	2.480823049	1.310818835	0.006622749	0.037961503	Up
T	chr7	<i>KLHL7</i>	1.914683933	0.937106259	0.002011957	0.016771876	Up

T	chr3	<i>APPL1</i>	1.681938827	0.750125235	0.005516551	0.033349828	Up
T	chr19	<i>GRIK5</i>	0.245692623	-2.025073553	0.000453669	0.005825359	Down
T	chr11	<i>DSCAML1</i>	0.043321203	-4.528782873	6.39E-05	0.001409725	Down
T	chr17	<i>CTDNBP1</i>	0.39745251	-1.331145606	0.002250033	0.018090924	Down
T	chr2	<i>NOP58</i>	2.244144668	1.166165682	0.000425609	0.005580402	Up
T	chr3	<i>ZNF654</i>	2.746737756	1.457719176	1.39E-06	8.41E-05	Up
T	chr4	<i>SLC26A1</i>	Inf	Inf	0.008017842	0.043259207	Up
T	chr15	<i>CTDSPL2</i>	2.0273005	1.019559951	4.15E-05	0.001033183	Up
T	chr12	<i>TMEM194A</i>	2.273254982	1.184759514	0.007484365	0.041092665	Up
T	chr19	<i>ZNF728</i>	Inf	Inf	0.001468484	0.013616091	Up
T	chr4	<i>PDS5A</i>	1.860780484	0.895907871	0.000163383	0.002779004	Up
T	chr9	<i>FAM122A</i>	0.461374111	-1.115991042	0.001716015	0.01510603	Down
T	chr20	<i>SULF2</i>	0.296853281	-1.752178036	0.003510926	0.02451982	Down
T	chr8	<i>UBE2V2</i>	2.169668259	1.117474472	0.004344854	0.02832732	Up
T	chr14	<i>CEBPE</i>	0.187871577	-2.412181275	0.009561913	0.049054155	Down
T	chr9	<i>VLDLR</i>	2.157664904	1.109470825	0.000951261	0.009896453	Up
T	chr5	<i>PDLIM7</i>	0.351591581	-1.508027569	0.002153152	0.017567245	Down
T	chr6	<i>ZBTB22</i>	0.475873759	-1.071349192	0.002504846	0.019439748	Down
T	chr22	<i>MKL1</i>	0.36084229	-1.470559665	0.000436775	0.005669824	Down
T	chr1	<i>CDC42BPA</i>	2.135701157	1.094709788	7.12E-05	0.00154519	Up
T	chr2	<i>PNPT1</i>	2.09659053	1.068045127	0.001027543	0.010472914	Up
T	chr10	<i>LOC100192204</i>	0.093253917	-3.422691872	1.06E-05	0.000376935	Down
T	chr10	<i>PCGF5</i>	1.810285711	0.856217411	0.003834195	0.026025446	Up
T	chr7	<i>BLVRA</i>	4.900665004	2.292977532	0.008366722	0.044571995	Up
T	chr5	<i>HSPA9</i>	1.89666299	0.923463355	0.003940075	0.02645508	Up
T	chr22	<i>TXN2</i>	0.248613147	-2.008025507	1.02E-07	1.09E-05	Down
T	chr11	<i>VWA5A</i>	2.05025583	1.03580394	0.004186231	0.027484181	Up
T	chr2	<i>TEX261</i>	0.523705186	-0.933173203	0.00207951	0.017182418	Down
T	chr7	<i>FKBP9L</i>	Inf	Inf	0.00475984	0.03004203	Up
T	chr1	<i>FAM189B</i>	0.315693951	-1.663401479	0.00073695	0.008231814	Down
T	chr2	<i>MFSD2B</i>	0.269441114	-1.891958088	7.92E-06	0.000307269	Down
T	chr6	<i>SRF</i>	0.407754449	-1.294227476	1.85E-06	0.000105451	Down
T	chr4	<i>CENPE</i>	2.427239981	1.279316754	6.05E-05	0.00135951	Up
T	chr20	<i>SLX4IP</i>	5.516643871	2.46379085	0.000536253	0.006526084	Up
T	chr17	<i>CBX4</i>	0.504596496	-0.986797906	0.000747705	0.008308822	Down
T	chr12	<i>NACA</i>	2.161309612	1.111905756	0.000382919	0.00516604	Up
T	chr10	<i>C10orf118</i>	2.665240998	1.414265991	0.009684995	0.049463689	Up
T	chr16	<i>ZC3H7A</i>	1.765670179	0.820215878	0.002105833	0.017311088	Up
T	chr12	<i>CHPT1</i>	3.132795447	1.647450573	0.000257402	0.003868741	Up
T	chr2	<i>WDR12</i>	1.676256534	0.745242956	0.006588868	0.037867124	Up
T	chr16	<i>GPR97</i>	0.208660467	-2.260770801	7.90E-08	8.81E-06	Down
T	chr17	<i>PGS1</i>	0.55103441	-0.859785684	0.009794719	0.049817506	Down
T	chr22	<i>TFIP11</i>	0.484901486	-1.044236421	0.004611404	0.029447073	Down
T	chr8	<i>EPHX2</i>	0.078765824	-3.666286396	0.007267205	0.040432404	Down

T	chr3	<i>TRA2B</i>	1.698692064	0.764424347	0.003851406	0.026087976	Up
T	chr11	<i>CCDC88B</i>	0.256286593	-1.964170086	8.38E-06	0.000318817	Down
T	chr5	<i>ERAP1</i>	2.007686043	1.005533682	7.35E-05	0.001569715	Up
T	chr14	<i>PPP1R36</i>	0.048599869	-4.362903766	0.002660264	0.020236619	Down
T	chr12	<i>CD69</i>	0.175674831	-2.509020582	0.000461911	0.005900721	Down
T	chr5	<i>CAST</i>	3.625287841	1.858095547	4.79E-05	0.001139665	Up
T	chr2	<i>NBEAL1</i>	2.083630444	1.059099422	0.000248872	0.003766573	Up
T	chr3	<i>KLHL24</i>	1.637358167	0.711369941	0.003794162	0.025807424	Up
T	chr6	<i>RHAG</i>	0.152898365	-2.709355118	0.00217056	0.017621109	Down
T	chr17	<i>SCO1</i>	6.344007317	2.665394435	0.000453646	0.005825359	Up
T	chr15	<i>RPLP1</i>	0.219037193	-2.190752228	4.01E-10	1.05E-07	Down
T	chr11	<i>SLC35C1</i>	0.303726712	-1.719154299	0.003251972	0.023233967	Down
T	chr1	<i>CSDE1</i>	1.838142378	0.878248519	0.000860944	0.009214006	Up
T	chr6	<i>TDP2</i>	3.238739187	1.695432294	4.97E-07	3.75E-05	Up
T	chr11	<i>RPS13</i>	1.679098312	0.747686704	0.006763888	0.038528153	Up
T	chr7	<i>GNA12</i>	0.508634807	-0.975297901	0.001985512	0.016615135	Down
T	chr1	<i>CENPF</i>	2.32847969	1.219388298	0.00026971	0.003975866	Up
T	chr19	<i>ZNF296</i>	0.298239037	-1.745458986	0.008703521	0.045970092	Down
T	chr12	<i>EMP1</i>	0.36031223	-1.472680474	0.003946292	0.026469577	Down
T	chr14	<i>SNW1</i>	2.299282329	1.201183626	0.000233269	0.003588707	Up
T	chr9	<i>PPP6C</i>	1.73258662	0.792927481	0.002403284	0.018853427	Up
T	chr12	<i>CCNT1</i>	1.764499419	0.819258955	0.004425588	0.028710207	Up
T	chr1	<i>CEP85</i>	2.253571158	1.172213005	0.001213399	0.011836165	Up
T	chr9	<i>FAM125B</i>	0.317905626	-1.653329547	1.87E-06	0.00010592	Down
T	chr8	<i>CNOT7</i>	1.917768408	0.939428509	0.001558392	0.014124474	Up
T	chr22	<i>SUN2</i>	0.378642607	-1.401091334	1.55E-08	2.29E-06	Down
T	chrX	<i>CD99L2</i>	Inf	Inf	0.002218408	0.01790925	Up
T	chr16	<i>ATP6VOC</i>	0.207518811	-2.268685977	5.18E-12	2.50E-09	Down
T	chr19	<i>MAP4K1</i>	0.549593755	-0.863562485	0.004841911	0.030398253	Down
T	chr3	<i>PHLDB2</i>	5.384796207	2.428891745	5.38E-05	0.00125078	Up
T	chr1	<i>FAF1</i>	1.968436041	0.977049837	0.000133245	0.002421043	Up
T	chr19	<i>DEDD2</i>	0.227254153	-2.137621434	1.12E-06	7.07E-05	Down
T	chr11	<i>PUS3</i>	1.942092743	0.957612097	0.00231175	0.018368799	Up
T	chr12	<i>RSRC2</i>	2.266835507	1.180679705	0.000131348	0.002399956	Up
T	chr12	<i>EEA1</i>	2.116862612	1.081927639	0.000356061	0.004905145	Up
T	chr1	<i>DENND4B</i>	0.375414451	-1.413443908	7.09E-06	0.000285103	Down
T	chr1	<i>DNAJB4</i>	2.133065516	1.092928278	0.000839289	0.009041588	Up
T	chr14	<i>SNX6</i>	1.743218786	0.801753649	0.009058906	0.047159812	Up
T	chr3	<i>CSRNP1</i>	0.294727704	-1.762545416	0.000722798	0.008131986	Down
T	chr19	<i>PRSS57</i>	0.081519724	-3.61670703	0.000378041	0.005110795	Down
T	chr3	<i>CRBN</i>	2.686191718	1.425562276	0.000203446	0.003236777	Up
T	chr2	<i>APOB</i>	0.142450177	-2.811470681	0.006516855	0.03756505	Down
T	chr6	<i>SLC16A10</i>	0.350073897	-1.514268601	2.87E-05	0.000771048	Down
T	chr19	<i>DOCK6</i>	0.306532957	-1.705885901	0.008008252	0.043236869	Down

T	chr2	<i>PIGF</i>	17.54471837	4.132964885	0.00043075	0.005613951	Up
T	chr9	<i>LHX2</i>	0	#NAME?	0.000842379	0.009062579	Down
T	chr12	<i>ST8SIA1</i>	0.174173726	-2.521401081	1.41E-05	0.000458666	Down
T	chr10	<i>TACC2</i>	0.462766035	-1.111645114	0.006182928	0.036301746	Down
T	chr20	<i>SNORD12</i>	0.324124002	-1.625382235	0.00436146	0.028393018	Down
T	chr3	<i>MUC13</i>	Inf	Inf	0.000585919	0.00696935	Up
T	chr2	<i>ZNF513</i>	0.292161468	-1.775162173	1.58E-06	9.32E-05	Down
T	chr17	<i>MYO18A</i>	0.469600492	-1.090494173	0.001946219	0.016359775	Down
T	chr14	<i>ALDH6A1</i>	2.750349397	1.459614906	0.001213919	0.011836165	Up
T	chr11	<i>RPLP2</i>	0.5111717227	-0.966581291	0.009547152	0.049016982	Down
T	chr11	<i>GRIK4</i>	0.120104077	-3.057642975	0.008567741	0.045473859	Down
T	chr14	<i>PRPF39</i>	2.193943681	1.133526492	1.09E-05	0.000381439	Up
T	chr1	<i>B3GALT2</i>	2.369904883	1.244829157	0.001110131	0.011114942	Up
T	chr11	<i>PNPLA2</i>	0.23772041	-2.072662318	7.81E-09	1.29E-06	Down
T	chr20	<i>SNX21</i>	0.185064187	-2.433902354	0.008661265	0.04580254	Down
T	chr12	<i>PCBP2</i>	0.595523027	-0.747770801	0.00573484	0.034351113	Down
T	chr15	<i>SCAMP2</i>	0.376952002	-1.40754726	2.47E-06	0.000128498	Down
T	chr2	<i>RFTN2</i>	0.237609691	-2.073334418	0.002250619	0.018090924	Down
T	chr14	<i>TDP1</i>	0.465736822	-1.102413147	0.001455364	0.013532917	Down
T	chr9	<i>CNTRL</i>	1.720672055	0.782972158	0.002098048	0.017283491	Up
T	chr13	<i>DIS3</i>	2.34442259	1.229232643	1.82E-05	0.000558991	Up
T	chr20	<i>PPP1R16B</i>	0.388256778	-1.364916984	0.004553763	0.029222031	Down
T	chr12	<i>SUOX</i>	0.438374132	-1.189765427	0.007899411	0.042779459	Down
T	chr19	<i>PIK3R2</i>	0.491837035	-1.023747722	0.005322665	0.032433202	Down
T	chr7	<i>GIGYF1</i>	0.326448313	-1.615073508	0.003334335	0.023644649	Down
T	chr5	<i>TTC1</i>	2.682541872	1.423600691	0.002629601	0.020085347	Up
T	chr18	<i>TTC39C</i>	3.576312658	1.838472869	0.005815907	0.034693333	Up
T	chr2	<i>HAT1</i>	1.92668392	0.946119912	0.001328628	0.012717007	Up
T	chr5	<i>FER</i>	3.286308411	1.716467879	0.000110905	0.002115296	Up
T	chr1	<i>IL6R</i>	0.092306919	-3.437417392	4.74E-05	0.001135863	Down
T	chr21	<i>BRWD1</i>	1.664142648	0.734779104	0.006601358	0.037888835	Up
T	chr1	<i>SH3BGRL3</i>	0.211084064	-2.244110431	7.67E-19	1.67E-15	Down
T	chr19	<i>ZNF787</i>	0.242844479	-2.041895409	2.58E-05	0.000713194	Down
T	chr1	<i>GNB1</i>	0.481718897	-1.053736575	2.00E-05	0.000595991	Down
T	chr5	<i>MAPK9</i>	1.705913546	0.770544534	0.004030958	0.02676228	Up
T	chr10	<i>TNKS2</i>	1.581698824	0.661474918	0.007471446	0.041092665	Up
T	chr20	<i>PIGT</i>	0.323255886	-1.629251454	5.84E-06	0.00024659	Down
T	chr20	<i>HM13</i>	0.640377475	-0.643005532	0.006854205	0.038840563	Down
T	chr8	<i>FAM91A1</i>	1.855395282	0.891726578	0.002228691	0.017970027	Up
T	chr6	<i>GNL1</i>	0.489927539	-1.029359708	0.001130235	0.011307547	Down
T	chr14	<i>DNAAF2</i>	3.253203242	1.701860957	0.004021743	0.026719436	Up
T	chr2	<i>HNRPLL</i>	1.791811973	0.841419254	0.001690521	0.014931982	Up
T	chr21	<i>SAMSN1</i>	2.356610311	1.236713215	0.001148903	0.011424228	Up
T	chr19	<i>PRMT1</i>	0.471829566	-1.083662272	1.16E-05	0.000402145	Down

T	chr1	<i>C1orf112</i>	2.965784398	1.568413723	0.00030306	0.004349523	Up
T	chr1	<i>C1orf114</i>	Inf	Inf	0.000642844	0.007487987	Up
T	chr6	<i>POLH</i>	2.450584422	1.293125848	0.00033175	0.004663151	Up
T	chr4	<i>PLK4</i>	2.031124423	1.022278619	0.000625593	0.007326292	Up
T	chr12	<i>RASAL1</i>	0.132602943	-2.914815302	0.000146305	0.002589826	Down
T	chr7	<i>ETV1</i>	0.244367609	-2.032875027	0.001555929	0.014115892	Down
T	chr12	<i>CDK17</i>	1.917021249	0.938866329	0.000149703	0.002621519	Up
T	chrX	<i>TTC3P1</i>	Inf	Inf	0.000123477	0.002281695	Up
T	chr3	<i>SACM1L</i>	1.99892325	0.99922308	0.000747614	0.008308822	Up
T	chr11	<i>PGAP2</i>	0.440794672	-1.181821308	7.26E-05	0.001558692	Down
T	chr5	<i>LYSMD3</i>	Inf	Inf	3.02E-07	2.59E-05	Up
T	chr10	<i>DCLRE1A</i>	5.983695087	2.581036661	0.003751129	0.025612886	Up
T	chr12	<i>GCN1L1</i>	0.347780626	-1.523750529	1.35E-05	0.000447402	Down
T	chr19	<i>FKRP</i>	0.278781073	-1.842795476	0.000268466	0.003966484	Down
T	chr2	<i>ITSN2</i>	1.693711967	0.76018855	0.002031745	0.016872151	Up
T	chr21	<i>UBASH3A</i>	0.441944198	-1.178063874	0.00126317	0.012200628	Down
T	chr19	<i>ZNF791</i>	2.217712502	1.149072351	0.001739568	0.015237203	Up
T	chr6	<i>TOMM6</i>	0.347553044	-1.524694916	0.000339913	0.004732658	Down
T	chr19	<i>SNORD33</i>	0.222052664	-2.171026218	0.002392877	0.018805705	Down
T	chr10	<i>AKR1C3</i>	9.3597444	3.226469133	0.001635702	0.014596014	Up
T	chr7	<i>WDR91</i>	0.461741712	-1.11484203	0.000155082	0.002676196	Down
T	chr15	<i>SPRED1</i>	1.693310206	0.759846292	0.003260982	0.023260128	Up
T	chrX	<i>PLP2</i>	0.504301964	-0.987640252	0.006598537	0.037888835	Down
T	chr2	<i>STEAP3</i>	0.336422788	-1.571652665	0.003781977	0.02573796	Down
T	chr1	<i>FUBP1</i>	2.28301502	1.190940351	2.52E-05	0.00070524	Up
T	chr6	<i>MICAL1</i>	0.519268557	-0.945447226	0.002484361	0.019303735	Down
T	chr12	<i>NCOR2</i>	0.296373819	-1.754510088	0.004368315	0.028423463	Down
T	chr7	<i>SSBP1</i>	2.498758562	1.32121151	0.001837458	0.015745665	Up
T	chrX	<i>MTMR1</i>	2.513993338	1.329980826	9.65E-06	0.000351703	Up
T	chr19	<i>EML2</i>	0.512698174	-0.963818334	0.001745264	0.015270765	Down
T	chr14	<i>GOLGA5</i>	1.98619708	0.990008781	0.005123805	0.031569414	Up
T	chr8	<i>RAB2A</i>	1.766817597	0.821153106	0.001384511	0.013050818	Up
T	chr4	<i>AP1AR</i>	2.509585788	1.327449264	0.002152402	0.017567245	Up
T	chr20	<i>FER1L4</i>	0	#NAME?	0.004464939	0.028841639	Down
T	chr17	<i>KIAA0753</i>	2.89077302	1.531455334	0.002925128	0.021535674	Up
T	chr5	<i>LMBRD2</i>	2.271054941	1.183362608	0.001544419	0.014050555	Up
T	chr15	<i>PSMA4</i>	2.67656193	1.420381034	0.005123123	0.031569414	Up
T	chr6	<i>DEF6</i>	0.609248913	-0.714896324	0.007487143	0.041092665	Down
T	chr17	<i>CLUH</i>	0.611158739	-0.710380948	0.003894777	0.026297921	Down
T	chr2	<i>ST3GAL5</i>	0.342635465	-1.545253608	0.007482943	0.041092665	Down
T	chr20	<i>CSE1L</i>	1.619411544	0.695469667	0.004836884	0.030394262	Up
T	chr3	<i>IL1RAP</i>	5.848239457	2.548002384	2.58E-06	0.000132011	Up
T	chr2	<i>WDR75</i>	1.918614995	0.940065238	0.000955977	0.00992968	Up
T	chr9	<i>AKNA</i>	0.470756097	-1.086948315	0.006251815	0.036558124	Down

T	chr11	<i>INTS4</i>	2.718292954	1.442700946	4.34E-06	0.000203082	Up
T	chr11	<i>INTS5</i>	0.371355698	-1.429126382	6.46E-08	7.32E-06	Down
T	chr10	<i>ZNF518A</i>	1.864122682	0.89849681	0.004022457	0.026719436	Up
T	chr5	<i>SKIV2L2</i>	1.72566592	0.787153194	0.002686473	0.02034111	Up
T	chr14	<i>PSMA3</i>	1.890836778	0.919024831	0.001588125	0.014298604	Up
T	chr4	<i>HERC3</i>	1.829397832	0.871368847	0.007908062	0.042808536	Up
T	chr2	<i>WDFY1</i>	0.511772434	-0.966425655	0.001855269	0.015829846	Down
T	chr4	<i>HERC6</i>	2.97331771	1.572073629	0.000566739	0.006808173	Up
T	chr1	<i>TRIM11</i>	0.38049675	-1.394043964	0.002772415	0.020809097	Down
T	chr1	<i>RPAP2</i>	3.530222495	1.819759113	0.006883881	0.038928094	Up
T	chr7	<i>MACC1</i>	0.115634857	-3.112351751	7.24E-05	0.001558692	Down
T	chr3	<i>RFC4</i>	1.840544755	0.880132831	0.0062899	0.036647452	Up
T	chr18	<i>SLC14A1</i>	0.439768971	-1.185182278	0.000997476	0.010244601	Down
T	chr13	<i>AKAP11</i>	1.956078576	0.967964325	0.000508445	0.006305293	Up
T	chr1	<i>ZRANB2</i>	2.760884357	1.46513046	0.000100935	0.001977166	Up
T	chr19	<i>CD37</i>	0.449989854	-1.152035621	0.000227432	0.003532231	Down
T	chr1	<i>CCDC18</i>	5.152424739	2.365251527	2.97E-08	4.03E-06	Up
T	chr10	<i>UPF2</i>	1.601432087	0.679362618	0.007534564	0.041318166	Up
T	chr7	<i>CAPZA2</i>	2.420144913	1.275093435	0.000620729	0.007302098	Up
T	chr4	<i>SNORA26</i>	0.09840551	-3.345117088	3.49E-06	0.000168714	Down
T	chr7	<i>AGBL3</i>	5.373405534	2.425836723	0.009827835	0.04990811	Up
T	chr20	<i>CASS4</i>	0.125481262	-2.994456147	0.001047289	0.010643935	Down
T	chr1	<i>WDR78</i>	Inf	Inf	0.00921424	0.047775829	Up
T	chr8	<i>KIF13B</i>	1.938775802	0.955145981	0.000899625	0.00951081	Up
T	chr15	<i>COPS2</i>	1.856812182	0.892827893	0.007325387	0.040638767	Up
T	chr19	<i>DCAF15</i>	0.546512305	-0.871674117	0.005926169	0.035237286	Down
T	chr11	<i>SIDT2</i>	0.449021202	-1.155144528	5.59E-06	0.000239809	Down
T	chr2	<i>GULP1</i>	4.129347282	2.045913756	0.005223567	0.031993737	Up
T	chr8	<i>XKR6</i>	0.032399913	-4.947866266	8.60E-09	1.38E-06	Down
T	chr7	<i>TTYH3</i>	0.248302672	-2.009828308	0.000404881	0.005384374	Down
T	chr2	<i>DOCK10</i>	1.563554128	0.644829164	0.006505868	0.037522351	Up
T	chr17	<i>PSMD3</i>	0.450822176	-1.14936961	1.57E-05	0.000496649	Down
T	chr9	<i>ANP32B</i>	0.387187223	-1.368896749	0.000262502	0.003920574	Down
T	chr4	<i>HADH</i>	0.364134556	-1.457456437	3.64E-05	0.00092989	Down
T	chr1	<i>OSBPL9</i>	1.726280141	0.787666604	0.002013279	0.016772179	Up
T	chr1	<i>PNRC2</i>	3.137819592	1.649762407	0.000264048	0.003925002	Up
T	chr6	<i>DOPEY1</i>	1.723756293	0.785555819	0.002320895	0.018410972	Up
T	chr19	<i>SF3A2</i>	0.245750745	-2.024732306	1.74E-06	0.000100812	Down
T	chr2	<i>AUP1</i>	0.473564443	-1.078367334	2.48E-05	0.000694959	Down
T	chr22	<i>PATZ1</i>	0.53198247	-0.910549388	0.000428821	0.005600005	Down
T	chr10	<i>DOCK1</i>	2.34729556	1.23099951	0.000111592	0.002125304	Up
T	chr14	<i>SLC7A8</i>	0.194809973	-2.359860557	6.36E-08	7.32E-06	Down
T	chr6	<i>PEX6</i>	0.284843583	-1.811758189	1.56E-08	2.29E-06	Down
T	chr1	<i>RCC2</i>	0.399207685	-1.324788601	1.77E-07	1.71E-05	Down

T	chr1	<i>PPFIA4</i>	0.37336525	-1.421340437	0.006106193	0.03593207	Down
T	chr2	<i>PSD4</i>	0.410684935	-1.283896068	2.47E-05	0.000694622	Down
T	chr6	<i>PTK7</i>	0.437598753	-1.192319468	0.000725134	0.008136813	Down
T	chr12	<i>ESYT1</i>	0.491611342	-1.024409895	0.001871413	0.015915549	Down
T	chr3	<i>UBA3</i>	1.826431999	0.869028041	0.002572894	0.019793408	Up
T	chr1	<i>CTBS</i>	3.424922779	1.77607146	0.004005538	0.026677157	Up
T	chr10	<i>ZNF248</i>	2.006349326	1.004572816	0.003380957	0.023867369	Up
T	chr11	<i>CHORDC1</i>	2.899628192	1.535867921	0.003593491	0.024857201	Up
T	chr7	<i>ARF5</i>	0.384954649	-1.377239602	2.36E-07	2.11E-05	Down
T	chr14	<i>TMEM121</i>	0.0912591	-3.453887766	4.25E-05	0.001050873	Down
T	chr1	<i>COG2</i>	6.43283348	2.685454344	1.84E-05	0.000560103	Up
T	chr20	<i>EIF2S2</i>	2.523716857	1.335550059	0.002348163	0.018568202	Up
T	chr6	<i>WTAP</i>	1.598316897	0.676553479	0.006952757	0.039181712	Up
T	chr2	<i>EHBP1</i>	2.04248014	1.030322051	0.006898768	0.038990811	Up
T	chr1	<i>FCER1G</i>	0.41598864	-1.265383964	0.007144621	0.039918082	Down
T	chr1	<i>FAM102B</i>	0.434250568	-1.203400358	5.93E-05	0.001346021	Down
T	chr2	<i>ROCK2</i>	2.200643065	1.137925165	4.81E-06	0.000217722	Up
T	chr10	<i>EBF3</i>	0.017152895	-5.865404106	4.61E-05	0.001114427	Down
T	chr1	<i>TRIM33</i>	1.704003711	0.768928478	0.00194	0.016318012	Up
T	chr1	<i>ALDH4A1</i>	0.241402259	-2.050488916	3.77E-05	0.0009486	Down
T	chr11	<i>ALDH3B1</i>	0.096269341	-3.376779779	0.009034561	0.047070639	Down
T	chr4	<i>GUF1</i>	1.868830605	0.902135806	0.002958964	0.021688645	Up
T	chr16	<i>CDIPT</i>	0.482446781	-1.051558287	0.002476555	0.019266032	Down
T	chr11	<i>RAG2</i>	0.490354048	-1.028104307	0.009370982	0.048417359	Down
T	chr5	<i>PAM</i>	1.964217513	0.973954699	0.000992261	0.010209015	Up
T	chr12	<i>ATF7IP</i>	0.451418535	-1.147462438	0.002556326	0.019687031	Down
T	chr19	<i>PLD3</i>	0.3922435	-1.350178554	0.000196189	0.00315985	Down
T	chr6	<i>RAB44</i>	0.380507456	-1.394003372	0.003159048	0.022730093	Down
T	chr15	<i>ZNF609</i>	0.431875631	-1.211312182	0.006690877	0.038234885	Down
T	chr12	<i>ASUN</i>	1.846800293	0.885027866	0.001523142	0.013905463	Up
T	chr11	<i>ACAD8</i>	3.128053863	1.645265355	0.000243301	0.003703746	Up
T	chr8	<i>CSGALNACT1</i>	2.571842529	1.362802311	0.001737995	0.015237203	Up
T	chr17	<i>VAMP2</i>	0.340098936	-1.555973604	0.000396358	0.005299042	Down
T	chr9	<i>CDK9</i>	0.348191279	-1.522048027	5.38E-05	0.00125078	Down
T	chrX	<i>BCORL1</i>	0.399706839	-1.322985837	0.008678874	0.045877062	Down
T	chr1	<i>EPB41</i>	1.779382748	0.83137687	0.001718907	0.015115095	Up
T	chr7	<i>ACTB</i>	0.522792889	-0.935688577	2.80E-05	0.000756677	Down
T	chr7	<i>ELFN1</i>	0.028322564	-5.141904319	0.003305015	0.023487442	Down
T	chr15	<i>TMEM87A</i>	1.749138518	0.806644544	0.004094566	0.027046938	Up
T	chr2	<i>SGOL2</i>	6.525846431	2.706165038	0.002152784	0.017567245	Up
T	chr6	<i>ABHD16A</i>	0.57439386	-0.799887768	0.008389653	0.044655817	Down
T	chr22	<i>ASCC2</i>	0.609790099	-0.71361537	0.009634388	0.049290286	Down
T	chrX	<i>SUPT20HL2</i>	0.02985157	-5.066049396	1.02E-10	3.11E-08	Down
T	chr1	<i>ELAVL4</i>	0.087479764	-3.514906859	0.000843321	0.009062579	Down

T	chr3	<i>DNAJC13</i>	1.554043732	0.636027103	0.009794574	0.049817506	Up
T	chr16	<i>ABCA3</i>	0.425220949	-1.233715419	9.11E-05	0.001831829	Down
T	chr13	<i>RCBTB1</i>	2.29343339	1.197509007	0.000979647	0.010135195	Up
T	chr19	<i>FBL</i>	0.459159386	-1.122933059	3.44E-06	0.000167384	Down
T	chr3	<i>KIF15</i>	2.336434464	1.224308571	0.000105002	0.002034676	Up
T	chr18	<i>KCTD1</i>	0.550395408	-0.861459661	0.003518694	0.024521841	Down
T	chr1	<i>AGBL4</i>	0.041657031	-4.585296187	0.009073675	0.047217858	Down
T	chr10	<i>ACSL5</i>	1.8569459	0.892931784	0.007031093	0.039435787	Up
T	chrX	<i>LONRF3</i>	3.045671656	1.606760418	0.000259043	0.003880001	Up
T	chr1	<i>SNX7</i>	14.62872623	3.87073225	0.002284389	0.018227606	Up
T	chr6	<i>C6orf170</i>	6.829185217	2.771713462	7.92E-07	5.44E-05	Up
T	chr7	<i>AIMP2</i>	0.416535165	-1.263489799	0.006865544	0.03887495	Down
T	chr1	<i>EPRS</i>	1.752195589	0.809163825	0.00102619	0.010467297	Up
T	chr11	<i>PRG2</i>	Inf	Inf	0.002998291	0.021876789	Up
T	chr22	<i>PLA2G6</i>	0.354832445	-1.494790161	4.19E-05	0.001040258	Down
T	chrX	<i>IQSEC2</i>	0.385710192	-1.374410826	0.001898282	0.016076821	Down
T	chr3	<i>CLDND1</i>	0.496679215	-1.00961372	0.002745788	0.020675597	Down
T	chr2	<i>KIF1A</i>	0.246054452	-2.022950474	0.001763335	0.015346545	Down
T	chr1	<i>ATP1A1</i>	0.625526892	-0.676856185	0.002769107	0.020797793	Down
T	chr1	<i>ATP1A2</i>	0.502002582	-0.994233309	0.00219315	0.017779273	Down
T	chr2	<i>CNTNAP5</i>	0.121456473	-3.041488715	0.001304947	0.012527105	Down
T	chr1	<i>ATP1A4</i>	0.342465671	-1.545968715	4.33E-07	3.42E-05	Down
T	chr3	<i>RAB5A</i>	1.801124021	0.848897525	0.007751923	0.042190899	Up
T	chr16	<i>SNORA46</i>	0.069421995	-3.848463364	1.35E-06	8.19E-05	Down
T	chr1	<i>PIAS3</i>	0.390383008	-1.357037835	0.000154968	0.002676196	Down
T	chr5	<i>FAM53C</i>	0.380472279	-1.394136751	1.48E-06	8.80E-05	Down
T	chr19	<i>CLPTM1</i>	0.539753586	-0.889627171	0.000487292	0.006117336	Down
T	chr2	<i>BUB1</i>	3.329470411	1.735292719	1.05E-06	6.71E-05	Up
T	chr1	<i>INADL</i>	2.243529961	1.16577045	0.003283631	0.023396093	Up
T	chrX	<i>USP9X</i>	1.665105327	0.735613438	0.00167012	0.014811953	Up
T	chr3	<i>ALG3</i>	0.245226365	-2.027813996	9.43E-06	0.000346628	Down
T	chr14	<i>TM9SF1</i>	0.54684984	-0.870783359	0.000511584	0.006332184	Down
T	chrX	<i>RRAGB</i>	2.845994717	1.508932984	4.96E-05	0.001172676	Up
T	chr7	<i>CALU</i>	1.991349009	0.993746094	0.000211745	0.003344337	Up
T	chr9	<i>PIGO</i>	0.301768146	-1.72848757	1.32E-05	0.00043963	Down
T	chr11	<i>CYBASC3</i>	0.360637971	-1.471376789	0.000437606	0.005674957	Down
T	chr18	<i>RNMT</i>	1.932756564	0.950659938	0.004881548	0.030573533	Up
T	chr5	<i>TENM2</i>	0.014906613	-6.067903738	1.41E-05	0.000459643	Down
T	chr9	<i>ZNF367</i>	2.25829607	1.175234641	0.00038387	0.00517352	Up
T	chr9	<i>TESK1</i>	0.354932172	-1.494384746	0.000176159	0.002923876	Down
T	chr5	<i>SLC12A2</i>	1.836411664	0.8768895	0.005132293	0.031569414	Up
T	chr17	<i>PKD2</i>	0.267424754	-1.902795078	5.82E-06	0.00024659	Down
T	chr16	<i>INO80E</i>	0.474542012	-1.075392278	0.002800126	0.02093271	Down
T	chr4	<i>TENM3</i>	0.031469515	-4.989901226	6.40E-05	0.001409725	Down

T	chr12	<i>H2AFJ</i>	0.162882812	-2.618093722	4.91E-17	9.15E-14	Down
T	chr11	<i>H2AFX</i>	0.365700314	-1.45126623	4.04E-05	0.001007792	Down
T	chr8	<i>LOXL2</i>	0.321245586	-1.638251464	0.001722056	0.015128585	Down
T	chr8	<i>HEATR7A</i>	0.157347577	-2.667973131	0.001179103	0.011627038	Down
T	chr19	<i>PGLS</i>	0.403235344	-1.310305995	0.007678456	0.041843414	Down
T	chr16	<i>SIAH1</i>	3.605215692	1.850085575	0.001787565	0.015516015	Up
T	chr9	<i>SMU1</i>	1.710714821	0.77459928	0.00655097	0.037699141	Up
T	chr7	<i>ZMIZ2</i>	0.281013774	-1.83128725	6.72E-05	0.001473011	Down
T	chr7	<i>AKAP9</i>	1.849490528	0.887127912	0.001602897	0.01437209	Up
T	chr21	<i>SIK1</i>	0.342181607	-1.547165882	2.26E-05	0.000652849	Down
T	chr7	<i>LANCL2</i>	2.216634452	1.148370873	0.003766844	0.025661744	Up
T	chr1	<i>TRNAU1AP</i>	1.86833017	0.90174943	0.005152534	0.031647813	Up
T	chr9	<i>NOTCH1</i>	0.269606898	-1.891070688	9.21E-06	0.000340555	Down
T	chr3	<i>RAB7A</i>	0.5243487	-0.931401549	0.001088808	0.010943444	Down
T	chr7	<i>TBXAS1</i>	2.076544733	1.054184951	0.001207889	0.011803838	Up
T	chr2	<i>XDH</i>	0.358785274	-1.478807418	0.001515804	0.013848166	Down
T	chr2	<i>CCDC88A</i>	2.76460421	1.467072954	1.85E-07	1.76E-05	Up
T	chr2	<i>SLC4A5</i>	0	#NAME?	0.000128491	0.002351041	Down
T	chr1	<i>RSBN1</i>	1.728757482	0.789735495	0.001552299	0.014112401	Up
T	chr15	<i>MAN2A2</i>	0.418142218	-1.257934382	0.002841026	0.021155268	Down
T	chr1	<i>SLC41A1</i>	0.540078866	-0.888757999	0.004193822	0.027507592	Down
T	chr9	<i>NUP188</i>	0.618388098	-0.693415543	0.004713623	0.029899235	Down
T	chr12	<i>LOC400027</i>	0.239510355	-2.061840062	0.003036554	0.022081878	Down
T	chr17	<i>PIGS</i>	0.453899842	-1.13955411	0.002670264	0.020282226	Down
T	chr19	<i>SPPL2B</i>	0.423900659	-1.238201884	0.00415388	0.027355637	Down
T	chr11	<i>ADRBK1</i>	0.566168398	-0.82069687	0.000476021	0.006035157	Down
T	chr17	<i>CASKIN2</i>	0.249253321	-2.004315366	1.51E-07	1.51E-05	Down
T	chr8	<i>FNTA</i>	1.905057355	0.929834433	0.002940576	0.021637201	Up
T	chr4	<i>KDR</i>	Inf	Inf	0.009187574	0.047696415	Up
T	chr12	<i>ABCB9</i>	0.262238007	-1.931051299	0.00568466	0.034160327	Down
T	chr8	<i>LRRCC1</i>	1.898704741	0.925015576	0.002781639	0.020843917	Up
T	chr1	<i>POU3F1</i>	0	#NAME?	0.008595179	0.045582398	Down
T	chr3	<i>ZIC1</i>	0.029159921	-5.09986936	0.002376741	0.018752262	Down
T	chr22	<i>SGSM1</i>	0.443724448	-1.172264052	0.00543939	0.032959719	Down
T	chr5	<i>CHD1</i>	1.68457035	0.752380679	0.002391338	0.018804941	Up
T	chrX	<i>FMR1</i>	2.22444314	1.153444222	2.70E-05	0.000733026	Up
T	chr7	<i>KIAA1324L</i>	8.322400002	3.056999631	0.000214202	0.003374978	Up
T	chr8	<i>RPL8</i>	0.55088792	-0.860169269	0.002916902	0.021487244	Down
T	chr4	<i>LEF1</i>	0.075956619	-3.718680498	1.29E-07	1.36E-05	Down
T	chr12	<i>LRP1</i>	0.262990061	-1.926919815	0.000336165	0.004700544	Down
T	chr21	<i>GCFC1</i>	2.297000113	1.199750928	4.52E-06	0.000208663	Up
T	chr1	<i>CEP350</i>	1.776381393	0.828941365	0.000757583	0.008375789	Up
T	chr2	<i>ACVR2A</i>	2.453203524	1.294666929	1.51E-05	0.000481504	Up
T	chr2	<i>KCTD18</i>	2.64611793	1.40387736	0.003433835	0.024123751	Up

T	chr19	<i>SIPA1L3</i>	0.368023233	-1.442131248	0.006942842	0.03914275	Down
T	chr5	<i>CSNK1A1</i>	1.55289534	0.634960601	0.007588582	0.041509702	Up
T	chr14	<i>CCNB1IP1</i>	0	#NAME?	0.008647818	0.045749973	Down
T	chr1	<i>ODF2L</i>	4.669405231	2.223238797	0.000201958	0.003220954	Up
T	chr16	<i>XYLT1</i>	0.429277462	-1.220017665	0.003741364	0.025568271	Down
T	chr8	<i>VPS13B</i>	1.826938929	0.869428408	0.000288894	0.004201688	Up
T	chr2	<i>KIF5C</i>	0.13297395	-2.910784453	0.000284822	0.004165685	Down
T	chr1	<i>CHD1L</i>	2.089958749	1.063474467	0.003060654	0.022146029	Up
T	chr8	<i>EIF4EBP1</i>	0.344655667	-1.536772359	0.004330509	0.02826204	Down
T	chr19	<i>MPND</i>	0.389324392	-1.360955359	0.000147071	0.002593933	Down
T	chr4	<i>BOD1L1</i>	1.784925338	0.835863729	0.002518934	0.01949111	Up
T	chr19	<i>FCHO1</i>	0.507684071	-0.977997099	0.007475043	0.041092665	Down
T	chr17	<i>TMC6</i>	0.235953742	-2.083424046	0.000337298	0.004711332	Down
T	chr19	<i>EEF2</i>	0.465129234	-1.104296478	3.94E-07	3.21E-05	Down
T	chr17	<i>TMC8</i>	0.294264903	-1.764812615	0.002155207	0.017573022	Down
T	chr16	<i>LOC81691</i>	3.082939542	1.624306598	0.001496692	0.013741559	Up
T	chr20	<i>RBL1</i>	2.054834279	1.039022047	8.95E-05	0.001802667	Up
T	chr6	<i>PAK1IP1</i>	2.921813664	1.546864174	0.006817292	0.038704306	Up
T	chr5	<i>C5orf43</i>	2.187125632	1.129036093	0.007001685	0.039327438	Up
T	chrX	<i>LAMP2</i>	2.072222795	1.051179123	0.002279377	0.018209889	Up
T	chr9	<i>GRHPR</i>	0.171610098	-2.542793645	1.65E-05	0.000517537	Down
T	chr10	<i>FAM21C</i>	Inf	Inf	0.001802938	0.015606735	Up
T	chrX	<i>OFD1</i>	2.993276022	1.581725321	0.008642687	0.045741376	Up
T	chr2	<i>MZT2A</i>	0	#NAME?	0.006833939	0.03876329	Down
T	chr10	<i>IFIT2</i>	7.176937084	2.843368273	0.000167298	0.002818606	Up
T	chr19	<i>ELAVL3</i>	0.037763419	-4.72686682	0.000171019	0.002860407	Down
T	chr6	<i>SYNCRIP</i>	1.715172445	0.778353634	0.000963921	0.010004226	Up
T	chr2	<i>METTL5</i>	4.587532449	2.197718363	3.11E-06	0.000153613	Up
T	chr4	<i>MMRN1</i>	3.998367889	1.99941122	1.67E-05	0.00052004	Up
T	chr11	<i>EXT2</i>	0.505260925	-0.984899483	0.0001722	0.002872789	Down
T	chr14	<i>GPR137C</i>	0.086642407	-3.528782873	0.004995877	0.031036294	Down
T	chr2	<i>PRPF40A</i>	2.003089665	1.002227002	6.05E-05	0.00135951	Up
T	chr19	<i>GSK3A</i>	0.593359941	-0.753020563	0.003142771	0.022652258	Down
T	chr7	<i>ANKIB1</i>	1.615077795	0.691603658	0.006703227	0.038288224	Up
T	chr7	<i>ICA1</i>	2.553536594	1.352496734	6.35E-05	0.001405045	Up
T	chr11	<i>RPUSD4</i>	0.41083676	-1.283362819	0.002673618	0.020282226	Down
T	chr1	<i>15-Sep</i>	2.096380185	1.067900378	0.001480436	0.013649308	Up
T	chr1	<i>DTL</i>	1.701596797	0.766889223	0.004164737	0.027413298	Up
T	chr1	<i>QSOX1</i>	0.356569352	-1.48774539	0.000431475	0.005617786	Down
T	chr5	<i>TBC1D9B</i>	0.601812911	-0.732613038	0.001839368	0.015745665	Down
T	chr13	<i>HS6ST3</i>	0.072899803	-3.777941265	0.005776403	0.034533123	Down
T	chr5	<i>XRCC4</i>	7.036027799	2.814761183	1.30E-06	7.94E-05	Up
T	chr17	<i>ACAP1</i>	0.632173759	-0.661606943	0.005633192	0.033897891	Down
T	chr14	<i>RALGAPA1</i>	1.858222125	0.893922966	0.002650968	0.020213047	Up

T	chr22	<i>LRP5L</i>	0.17858607	-2.485308546	0.004730063	0.029955533	Down
T	chr19	<i>SCAF1</i>	0.288132542	-1.795195485	2.35E-05	0.000668336	Down
T	chr10	<i>HPS1</i>	0.520741946	-0.941359474	0.003905796	0.02630387	Down
T	chr2	<i>DNMT3A</i>	0.619207289	-0.691505641	0.005557598	0.033520305	Down
T	chr3	<i>TOMM70A</i>	1.989476354	0.992388752	0.002040862	0.016937075	Up
T	chr5	<i>PURA</i>	1.557345737	0.639089264	0.008752329	0.046189156	Up
T	chr19	<i>FZR1</i>	0.31183511	-1.681144721	1.14E-08	1.74E-06	Down
T	chr5	<i>FST</i>	0.017701602	-5.819976224	7.24E-05	0.001558692	Down
T	chr14	<i>GALC</i>	2.986921928	1.578659529	0.004470849	0.028841639	Up
T	chr6	<i>PPARD</i>	0.248799222	-2.00694612	0.000973956	0.010084306	Down
T	chr5	<i>PCDHGA4</i>	0.277697919	-1.848411729	0.00513432	0.031569414	Down
T	chr13	<i>GPR183</i>	0.297437066	-1.749343649	0.005944831	0.03526888	Down
T	chr8	<i>ZNF703</i>	0.019759928	-5.661278478	3.43E-11	1.21E-08	Down
T	chr11	<i>PTPN5</i>	0.056645128	-4.141904319	0.006050189	0.035763825	Down
T	chr8	<i>ZNF707</i>	0.124957914	-3.000485821	0.000866654	0.009259924	Down
T	chr2	<i>ITM2C</i>	0.522678138	-0.936005278	0.001150084	0.011427262	Down
T	chr17	<i>CDC27</i>	1.711335578	0.775122688	0.00189853	0.016076821	Up
T	chr15	<i>TMOD3</i>	1.79976554	0.847808976	0.004282351	0.027975741	Up
T	chr6	<i>ZNF391</i>	Inf	Inf	0.00057589	0.006880093	Up
T	chr3	<i>DZIP3</i>	2.465348224	1.301791438	4.25E-05	0.001050873	Up
T	chr13	<i>N6AMT2</i>	Inf	Inf	0.009733153	0.049639842	Up
T	chr17	<i>P2RX1</i>	4.968202626	2.312724014	1.48E-05	0.00047574	Up
T	chr10	<i>FAM208B</i>	2.801852478	1.486380998	4.79E-05	0.001139665	Up
T	chr1	<i>DEPDC1</i>	2.415380858	1.272250692	0.002124868	0.017412706	Up
T	chr19	<i>ZNF420</i>	2.445564216	1.290167348	0.00978698	0.049817506	Up
T	chr19	<i>ATP1A3</i>	0.250543846	-1.996864994	5.18E-06	0.000228336	Down
T	chr8	<i>CPQ</i>	1.858578269	0.894199444	0.001592932	0.014331991	Up
T	chr19	<i>ZNF426</i>	3.085435185	1.625473989	0.000200374	0.003203524	Up
T	chr3	<i>GPD1L</i>	0.362630201	-1.463429014	0.007569007	0.041454773	Down
T	chr19	<i>CDC34</i>	0.348686154	-1.519999016	2.10E-05	0.000619463	Down
T	chr19	<i>CDC37</i>	0.45986395	-1.120720989	0.000647144	0.007524632	Down
T	chr13	<i>DNAJC3</i>	2.062999393	1.044743396	0.000870191	0.009282515	Up
T	chr19	<i>LIN37</i>	0.465325619	-1.103687475	0.009389798	0.048476181	Down
T	chr18	<i>CXXC1</i>	0.481437544	-1.054579442	0.001052603	0.010686579	Down
T	chr1	<i>SUCO</i>	1.885294594	0.914789975	0.000312917	0.004461541	Up
T	chr1	<i>ZNF496</i>	0.35198589	-1.5064105	0.001448131	0.013484881	Down
T	chr2	<i>SRSF7</i>	1.661227688	0.732249823	0.003426589	0.02408582	Up
T	chr20	<i>SOX12</i>	0.345484142	-1.533308603	0.000462252	0.005900721	Down
T	chr3	<i>KPNA1</i>	1.63518702	0.709455649	0.006301324	0.036647452	Up
T	chr3	<i>KPNA4</i>	1.715576626	0.778693565	0.001470987	0.013629614	Up
T	chr5	<i>PCDHGB6</i>	8.743051673	3.128136926	0.002018526	0.016794444	Up
T	chr16	<i>COG7</i>	0.406655211	-1.298121996	8.37E-05	0.001721688	Down
T	chr12	<i>BICD1</i>	2.291513677	1.196300896	0.000332418	0.004663151	Up
T	chr7	<i>MKLN1</i>	1.887321123	0.916339915	0.00029977	0.004321319	Up

T	chr7	HGF	1.708825841	0.773005369	0.00697916	0.039245741	Up
T	chr17	YWHAE	0.630852122	-0.664626233	0.007335711	0.0406722	Down
T	chr1	DNTTIP2	2.628656897	1.394325848	0.000325879	0.004616093	Up
T	chr4	KIAA1109	1.703552374	0.768546302	0.001151269	0.011430328	Up
T	chr16	CBFA2T3	0.139442785	-2.842254806	8.64E-05	0.001764354	Down
T	chr19	ZNF431	3.134888841	1.648414288	0.006234809	0.036507774	Up
T	chr19	ZNF433	2.189722352	1.130747953	0.003007962	0.021898367	Up
T	chr12	SETD1B	0.234618672	-2.091610258	0.00740497	0.040953367	Down
T	chrX	TMEM164	0.491182411	-1.025669194	6.12E-05	0.001365873	Down
T	chr5	FAM172A	2.133637267	1.093314929	0.00018448	0.003027322	Up
T	chr16	CTCF	1.596609044	0.675011089	0.005108758	0.031557222	Up
T	chr2	ZC3H15	2.184351285	1.127204888	0.000523144	0.006402374	Up
T	chr19	NFIX	0.499096916	-1.002608106	0.002897676	0.021418174	Down
T	chr1	PLA2G4A	2.566856223	1.360002489	5.50E-06	0.000237624	Up
T	chr16	PHKG2	0.56887802	-0.813808754	0.005446269	0.032986082	Down
T	chr10	HHEX	0.242060355	-2.046561282	7.51E-07	5.24E-05	Down
T	chr5	NUDT12	5.638307702	2.495262213	0.000596653	0.007081317	Up
T	chr19	ARHGAP33	0.308662246	-1.695899063	2.81E-05	0.000758564	Down
T	chr19	ARHGAP35	1.634967286	0.709261769	0.007647208	0.041742877	Up
T	chr15	EDC3	0.31632979	-1.660498667	8.23E-06	0.000316583	Down
T	chr2	SP3	1.672134171	0.741690613	0.001838985	0.015745665	Up
T	chr3	IFRD2	0.487224576	-1.037341188	0.003481846	0.024395364	Down
T	chr19	ZNF440	14.94963296	3.902038159	5.84E-06	0.00024659	Up
T	chr12	NUP37	4.069617787	2.024893305	0.000155741	0.002680466	Up
T	chr19	SMG9	0.52182354	-0.938366067	0.008959316	0.046772002	Down
T	chr2	PPM1G	0.589928255	-0.761388586	0.001479219	0.013647734	Down
T	chr6	SENP6	2.159729452	1.110850598	1.17E-05	0.000402145	Up
T	chr19	RBM42	0.424495501	-1.236178832	4.71E-05	0.001132166	Down
T	chr5	SLU7	2.160833543	1.11158794	0.002139349	0.017498398	Up
T	chr7	HOXA11	0	#NAME?	0.001867785	0.015895054	Down
T	chr17	GALK1	0.417570017	-1.259909971	0.000100825	0.001977166	Down
T	chr20	TASP1	1.982558323	0.987363308	0.006756405	0.038507674	Up
T	chr1	ADSS	1.757164372	0.813249153	0.006082764	0.035858895	Up
T	chr9	INVS	2.390177894	1.257117998	0.006230315	0.036504955	Up
T	chr1	ABCB10	0.193687208	-2.368199418	1.70E-06	9.95E-05	Down
T	chr17	SPAG5	2.583510176	1.369332566	0.005690583	0.034180181	Up
T	chr11	MAP3K11	0.496722986	-1.009486586	0.008870798	0.046538548	Down
T	chr1	ERMAP	0.286751355	-1.802127793	0.008906554	0.046627169	Down
T	chr9	CCL27	0.102348239	-3.288441817	0.002987072	0.021831564	Down
T	chr3	COL7A1	0.025747785	-5.279407843	0.001188713	0.011695288	Down
T	chr6	TAP2	0.498246523	-1.005068358	0.000997967	0.010244601	Down
T	chr16	DHODH	0.376479998	-1.409354876	0.000376554	0.005095978	Down
T	chr17	SPAG9	1.610032611	0.68708991	0.005128952	0.031569414	Up
T	chr15	UBE3A	2.208249806	1.142903385	6.12E-05	0.001365873	Up

T	chr8	<i>CYC1</i>	0.590257592	-0.760583403	0.008287851	0.044312827	Down
T	chr12	<i>LOC100335030</i>	2.126217076	1.088288896	0.006177211	0.036284507	Up
T	chr6	<i>PGM3</i>	2.438747498	1.286140393	0.007350872	0.040738943	Up
T	chr1	<i>ADC</i>	0.25992722	-1.943820372	0.006669337	0.038144746	Down
T	chr17	<i>SPNS2</i>	0.543611175	-0.879352982	0.000449873	0.005799453	Down
T	chr17	<i>SPNS3</i>	0.339062927	-1.560375044	0.000577351	0.006884939	Down
T	chr8	<i>WWP1</i>	2.239613024	1.163249475	7.26E-05	0.001558692	Up
T	chr19	<i>STRN4</i>	0.537389819	-0.895959104	0.001186204	0.011679405	Down
T	chr11	<i>SIPA1</i>	0.431079873	-1.21397289	2.09E-05	0.000618141	Down
T	chr5	<i>FAM174A</i>	7.496169095	2.906153497	3.76E-05	0.000948065	Up
T	chr6	<i>PRPF4B</i>	1.719201149	0.781738352	0.001220634	0.011875007	Up
T	chr3	<i>IQSEC1</i>	0.462476285	-1.112548707	0.000120153	0.002232926	Down
T	chr1	<i>PYGO2</i>	0.333909681	-1.582470173	0.000910758	0.009595799	Down
T	chr5	<i>FNIP1</i>	2.005018047	1.003615222	9.90E-05	0.001950258	Up
T	chr19	<i>TIMM13</i>	0.452699854	-1.143373254	0.000927395	0.009686787	Down
T	chr4	<i>IDUA</i>	0.347120296	-1.526492373	0.003169316	0.022730093	Down
T	chr12	<i>RBM19</i>	0.483741138	-1.047692863	0.008413193	0.044756321	Down
T	chr15	<i>LOC100507217</i>	2.485260767	1.313397235	0.001609878	0.014424772	Up
T	chr11	<i>PITPNM1</i>	0.4433019	-1.17363855	0.000322856	0.004583224	Down
T	chr16	<i>RANBP10</i>	0.442151844	-1.177386188	8.83E-05	0.00178632	Down
T	chr18	<i>MIB1</i>	1.613519977	0.69021144	0.004865697	0.030488897	Up
T	chr8	<i>SGK223</i>	0.143706213	-2.798805656	0.004960839	0.030882793	Down
T	chr7	<i>MET</i>	3.157349902	1.658714151	0.000286889	0.004186528	Up
T	chr7	<i>KCNH2</i>	0.393480281	-1.345636758	0.006765905	0.038528153	Down
T	chr19	<i>NAPA</i>	0.572271554	-0.805228199	0.00726526	0.040432404	Down
T	chr16	<i>SPNS1</i>	0.419346312	-1.253785928	0.000946427	0.009861893	Down
T	chr7	<i>SNORA22</i>	0.159123531	-2.651780896	0.002264382	0.018179152	Down
T	chr3	<i>TRNT1</i>	3.461856552	1.791545946	0.001107601	0.011098132	Up
T	chr19	<i>ZFP14</i>	3.551731238	1.828522416	0.003329529	0.023632774	Up
T	chr1	<i>KCNAB2</i>	0.489254818	-1.031342036	0.000419882	0.005527525	Down
T	chrX	<i>PDZD4</i>	0.357110559	-1.485557303	0.001849703	0.015813383	Down
T	chr11	<i>ZBTB3</i>	0.372636647	-1.424158533	0.002433422	0.019044044	Down
T	chr11	<i>PCF11</i>	1.540052281	0.622979328	0.009819235	0.049883853	Up
T	chr4	<i>PCNAP1</i>	2.109306725	1.0767689	0.004063673	0.02689735	Up
T	chr12	<i>UBE3B</i>	0.371343829	-1.42917249	5.20E-05	0.001222245	Down
T	chr2	<i>ARHGAP15</i>	2.042555643	1.03037538	4.00E-05	0.001001067	Up
T	chr17	<i>TMEM104</i>	0.271492439	-1.881016076	0.000332268	0.004663151	Down
T	chr2	<i>ETAA1</i>	3.042944861	1.605468192	0.000510683	0.006327041	Up
T	chr11	<i>RBM14</i>	0.294447922	-1.763915603	5.48E-08	6.75E-06	Down
T	chr1	<i>LPGAT1</i>	3.134808466	1.648377298	5.93E-06	0.00024894	Up
T	chr11	<i>GTF2H1</i>	1.901830991	0.927389045	0.002347764	0.018568202	Up
T	chr19	<i>TRAPPC5</i>	0.410095024	-1.285969857	0.006042133	0.035732397	Down
T	chr14	<i>SCFD1</i>	2.535889124	1.342491668	0.000436389	0.005669824	Up
T	chr16	<i>GSE1</i>	0.503130269	-0.990996107	0.007970755	0.043094267	Down

T	chr4	<i>NPNT</i>	0.048599869	-4.362903766	0.000991619	0.010209015	Down
T	chr14	<i>SMEK1</i>	1.664924899	0.735457102	0.002099826	0.017283491	Up
T	chrX	<i>BHLHB9</i>	4.421729636	2.144610815	3.97E-08	5.18E-06	Up
T	chr22	<i>DGCR2</i>	0.558495716	-0.840381881	0.004012672	0.02668161	Down
T	chr12	<i>TMTC3</i>	3.221469173	1.687718789	7.55E-05	0.001604102	Up
T	chrX	<i>CLCN5</i>	2.241351727	1.164369063	0.001390155	0.013085112	Up
T	chr16	<i>RPS2</i>	0.154403104	-2.695226339	0.004597007	0.029408674	Down
T	chr6	<i>PHACTR2</i>	1.898496401	0.924857264	0.003564073	0.024734629	Up
T	chr1	<i>RALGPS2</i>	2.049283114	1.035119311	0.001348633	0.012833167	Up
T	chrX	<i>SRPK3</i>	2.971324002	1.571105929	0.000845373	0.009077148	Up
T	chr18	<i>ADNP2</i>	0.503518645	-0.989882894	0.00356122	0.024734629	Down
T	chr5	<i>GPBP1</i>	1.794375344	0.843481702	0.000522856	0.006402374	Up
T	chr17	<i>SP2</i>	0.252650025	-1.984787772	6.28E-06	0.000258317	Down
T	chr14	<i>SPTB</i>	0.365846196	-1.450690836	0.000522345	0.006402374	Down
T	chr17	<i>DVL2</i>	0.412880402	-1.276204153	7.16E-05	0.001551772	Down
T	chr7	<i>ZNF117</i>	3.113466673	1.638521836	0.00016744	0.002818606	Up
T	chr10	<i>PLXDC2</i>	5.561536936	2.475483628	1.48E-06	8.80E-05	Up
T	chr17	<i>NUFIP2</i>	1.697765735	0.763637404	0.00139213	0.013094257	Up
T	chr11	<i>ATG2A</i>	0.327275119	-1.611424167	0.000151407	0.002637183	Down
T	chr19	<i>ZFP28</i>	3.960294437	1.985607695	0.001541842	0.014036892	Up
T	chr12	<i>CMKLR1</i>	0	#NAME?	4.08E-08	5.27E-06	Down
T	chr5	<i>ARAP3</i>	0.276655424	-1.853837889	1.28E-05	0.000430075	Down
T	chr19	<i>C19orf47</i>	0.337186253	-1.568382378	0.001817185	0.015672786	Down
T	chr1	<i>PIN1P1</i>	0.058319843	-4.09986936	0.001782111	0.015478976	Down
T	chr19	<i>MAST3</i>	0.27702554	-1.851909103	0.000363698	0.004973594	Down
T	chr17	<i>DYNLL2</i>	0.255945575	-1.966091029	7.26E-11	2.43E-08	Down
T	chr1	<i>ITPKB</i>	0.440146657	-1.183943784	0.001200832	0.011766867	Down
T	chr7	<i>SKAP2</i>	2.050307137	1.035840042	9.89E-05	0.001950258	Up
T	chr19	<i>ZNF470</i>	2.55549542	1.353603006	0.002345695	0.018568202	Up
T	chr8	<i>MTMR9</i>	0.149592524	-2.740890015	0.003716348	0.025450642	Down
T	chr2	<i>SSB</i>	3.284665896	1.715746632	0.000625074	0.007326292	Up
T	chr2	<i>MOGS</i>	0.474104763	-1.076722209	0.000428047	0.005595493	Down
T	chr3	<i>SNRK</i>	2.073016745	1.05173177	0.004739203	0.029980833	Up
T	chr8	<i>EMC2</i>	2.47571225	1.307843641	0.003050625	0.022130939	Up
T	chr20	<i>TRMT6</i>	2.058695258	1.041730288	0.003002394	0.021894484	Up
T	chr3	<i>USP19</i>	0.515253647	-0.956645284	0.002540644	0.019612566	Down
T	chr13	<i>NBEA</i>	3.099831546	1.632189817	5.33E-06	0.000231947	Up
T	chr10	<i>MTPAP</i>	2.14159327	1.09868451	0.008992393	0.046888394	Up
T	chr22	<i>SMTN</i>	0.326226658	-1.616053415	0.005226709	0.031997954	Down
T	chr17	<i>SLC4A1</i>	0.069231041	-3.852437142	1.70E-10	4.83E-08	Down
T	chr1	<i>CACHD1</i>	0.061887433	-4.0142097	0.000911329	0.009595799	Down
T	chr8	<i>SDCBP</i>	1.972415139	0.979963231	0.002783633	0.020846884	Up
T	chr20	<i>NFATC2</i>	0.215542263	-2.213957315	1.41E-07	1.45E-05	Down
T	chr16	<i>ACD</i>	0.132272074	-2.918419596	8.70E-07	5.81E-05	Down

T	chr14	<i>STRN3</i>	1.917858855	0.939496549	0.000190896	0.003086894	Up
T	chr17	<i>ANKRD13B</i>	0.355565698	-1.491811944	0.000212753	0.00335619	Down
T	chr8	<i>EFR3A</i>	2.247378224	1.168242945	1.16E-05	0.000402145	Up
T	chr1	<i>MFN2</i>	0.583931918	-0.776127922	0.006461531	0.037332657	Down
T	chr19	<i>ZFP36</i>	0.259242331	-1.947626784	1.25E-05	0.000425295	Down
T	chr4	<i>TMA16</i>	3.600610226	1.848241433	0.004051318	0.026870103	Up
T	chr7	<i>FGL2</i>	2.248287997	1.168826851	0.003103647	0.022419813	Up
T	chr14	<i>REC8</i>	0.237416962	-2.074505087	0.0026534	0.020219775	Down
T	chr6	<i>SERPINB1</i>	2.035116059	1.025111071	0.003113683	0.022479864	Up
T	chr10	<i>SGMS1</i>	2.219409309	1.150175757	1.11E-05	0.000385963	Up
T	chrX	<i>MOSPD1</i>	3.012895304	1.591150541	0.0004175	0.005507282	Up
T	chrX	<i>MOSPD2</i>	5.200363231	2.378612395	9.50E-07	6.20E-05	Up
T	chr11	<i>PGM2L1</i>	1.718902802	0.781487967	0.005250955	0.032101202	Up
T	chr11	<i>ACAT1</i>	1.715338132	0.778492993	0.005951638	0.035293214	Up
T	chr1	<i>RRP15</i>	3.372812405	1.753952078	0.009607991	0.04917822	Up
T	chr4	<i>DHX15</i>	1.690368405	0.757337707	0.001299785	0.01249594	Up
T	chr3	<i>TRAK1</i>	0.416855063	-1.262382238	0.000147134	0.002593933	Down
T	chr5	<i>DMXL1</i>	1.875032832	0.906915857	0.00018207	0.003006086	Up
T	chr6	<i>TUBB</i>	0.629752307	-0.667143592	0.002662003	0.020238048	Down
T	chr5	<i>RICTOR</i>	1.897041528	0.923751261	0.000358723	0.004931404	Up
T	chr1	<i>PDIK1L</i>	1.914692913	0.937113025	0.001826299	0.015716292	Up
T	chr1	<i>GABPB2</i>	2.059195768	1.042080994	0.009678277	0.049456639	Up
T	chr5	<i>BOD1</i>	4.25705334	2.089855167	0.007667992	0.041830568	Up
T	chr14	<i>FUT8</i>	2.942739434	1.557159804	3.41E-10	9.08E-08	Up
T	chr7	<i>SNORA5C</i>	0.330066311	-1.599172201	0.002085975	0.017223815	Down
T	chr16	<i>KATNB1</i>	0.520163811	-0.942962063	0.00406698	0.02690559	Down
T	chr7	<i>HOXA3</i>	0.357482718	-1.484054597	0.00282772	0.021068212	Down
T	chr16	<i>EMC8</i>	0.368034981	-1.442085196	0.008945012	0.046753457	Down
T	chr3	<i>TFDP2</i>	1.965168969	0.974653363	0.000655219	0.007574948	Up
T	chr1	<i>NCSTN</i>	0.598164922	-0.741384785	0.004786301	0.030136138	Down
T	chr7	<i>HOXA9</i>	0.26765417	-1.901557964	0.001803998	0.015606735	Down
T	chr19	<i>ZNF493</i>	3.169072907	1.664060851	0.006223078	0.036488212	Up
T	chr17	<i>SMURF2</i>	1.860269284	0.895511474	0.001140395	0.011383007	Up
T	chr11	<i>RBM4B</i>	0.576644005	-0.794247158	0.00207127	0.01713493	Down
T	chr19	<i>TIMM50</i>	0.490485332	-1.027718103	0.002789316	0.020877459	Down
T	chr2	<i>FTH1P3</i>	0.165912754	-2.591503302	0.008919504	0.046657519	Down
T	chr1	<i>RNF220</i>	0.376789173	-1.408170586	7.77E-05	0.001633009	Down
T	chr15	<i>ATPBD4</i>	2.697292972	1.431512231	0.000286583	0.004186528	Up
T	chr8	<i>SCRIB</i>	0.53430731	-0.904258338	0.00454616	0.029222031	Down
T	chr8	<i>GFRA2</i>	0.115523209	-3.113745373	0.003440266	0.024141197	Down
T	chr18	<i>C18orf54</i>	28.3910284	4.827363203	2.12E-06	0.000116017	Up
T	chr1	<i>USP21</i>	0.418122768	-1.258001492	1.43E-05	0.000462721	Down
T	chr5	<i>TMEM161B</i>	2.274122551	1.185310002	0.001168351	0.011547205	Up
T	chr17	<i>THRA</i>	0.612070053	-0.708231313	0.004960328	0.030882793	Down

T	chr11	<i>PIK3C2A</i>	1.983908054	0.988345164	0.000550349	0.006654172	Up
T	chr12	<i>NFYB</i>	2.521721714	1.334409075	0.000204235	0.003245378	Up
T	chr10	<i>ZRANB1</i>	2.395696264	1.260445009	2.29E-06	0.0001209	Up
T	chr6	<i>TMEM170B</i>	2.794597205	1.482640358	0.000777001	0.008532627	Up
T	chr17	<i>CORO6</i>	0.437184702	-1.193685177	0.008156626	0.043790678	Down
T	chr2	<i>USP34</i>	1.584181499	0.663737633	0.004670558	0.029708483	Up
T	chr12	<i>FBXL14</i>	0.212571235	-2.233981708	2.00E-07	1.84E-05	Down
T	chr19	<i>NOSIP</i>	0.457450678	-1.128311894	0.002518526	0.01949111	Down
T	chr2	<i>USP37</i>	1.976525965	0.982966907	0.000190755	0.003086894	Up
T	chr22	<i>RNU12</i>	0.235077686	-2.088790491	3.78E-16	5.48E-13	Down
T	chr14	<i>BCL11B</i>	0.128984425	-2.954731224	1.56E-05	0.000493218	Down
T	chr3	<i>ATR</i>	2.230512227	1.157375056	1.49E-05	0.000476085	Up
T	chr4	<i>NCAPG</i>	2.228650096	1.156170128	0.000583387	0.00695056	Up
T	chr3	<i>GNAI2</i>	0.391338629	-1.35351057	1.68E-09	3.65E-07	Down
T	chr8	<i>PEX2</i>	2.258170096	1.175154161	0.004117526	0.027184837	Up
T	chr7	<i>GRB10</i>	7.243263029	2.856639766	8.08E-10	1.95E-07	Up
T	chr2	<i>WTH3DI</i>	3.008064395	1.588835452	0.003375055	0.02383918	Up
T	chr20	<i>SNORA51</i>	0.2230778	-2.164381149	0.001569431	0.014198888	Down
T	chr5	<i>TMEM173</i>	0.441405558	-1.179823299	0.002276842	0.018207089	Down
T	chr14	<i>MPP5</i>	2.054395429	1.038713897	0.001504519	0.013774004	Up
T	chr19	<i>PIH1D1</i>	0.418930459	-1.255217314	0.000614751	0.007263894	Down
T	chr19	<i>C19orf6</i>	0.420017474	-1.251478745	5.20E-06	0.000228555	Down
T	chr15	<i>CHST14</i>	0.155158383	-2.688186454	1.01E-06	6.44E-05	Down
T	chr10	<i>ABLIM1</i>	0.56921668	-0.812950158	0.006432499	0.037197863	Down
T	chr6	<i>ME1</i>	0.119406279	-3.066049396	0.000224914	0.003505649	Down
T	chr16	<i>MC1R</i>	0.022430709	-5.478380983	0.000722326	0.008131986	Down
T	chr1	<i>EBNA1BP2</i>	2.952306368	1.561842441	0.006259565	0.036570663	Up
T	chr12	<i>LRRK2</i>	2.317893776	1.212814452	0.000493281	0.006170036	Up
T	chr19	<i>SLC44A2</i>	0.528028179	-0.921313172	0.000329846	0.004653212	Down
T	chr1	<i>TAGLN2</i>	0.555720067	-0.847569757	0.000710161	0.008035353	Down
T	chr3	<i>DHX36</i>	2.371577958	1.245847293	9.06E-06	0.000335907	Up
T	chr8	<i>POP1</i>	2.257014478	1.174415673	0.006219958	0.036486321	Up
T	chr7	<i>GBAS</i>	2.538560304	1.344010532	0.000344599	0.004772439	Up
T	chr4	<i>CDS1</i>	0.350816656	-1.51121085	0.00404157	0.026819083	Down
T	chr11	<i>LIN7C</i>	1.757486049	0.813513237	0.007060202	0.039548045	Up
T	chr10	<i>PPA1</i>	3.724940121	1.897217234	0.00490539	0.030663979	Up
T	chr19	<i>RAVER1</i>	0.306727042	-1.704972729	1.14E-06	7.10E-05	Down
T	chr17	<i>PFAS</i>	0.598122122	-0.741488017	0.005117619	0.031569414	Down
T	chr19	<i>TCF3</i>	0.467028626	-1.098417112	0.000517741	0.006363919	Down
T	chr8	<i>MYBL1</i>	2.220043881	1.150588193	0.006099631	0.035909651	Up
T	chr1	<i>NVL</i>	1.670457297	0.740243103	0.006303609	0.036647452	Up
T	chr2	<i>CYBRD1</i>	0	#NAME?	0.000257867	0.003871272	Down
T	chr16	<i>SNN</i>	0.431537318	-1.212442769	0.003904478	0.02630387	Down
T	chr19	<i>FTL</i>	0.540684608	-0.887140807	0.00168764	0.014916631	Down

T	chr11	<i>FNBP4</i>	1.840776101	0.880314158	0.000653988	0.007570473	Up
T	chr5	<i>SLC35A4</i>	0.439079383	-1.187446301	0.000985314	0.010171693	Down
T	chr7	<i>SLC25A40</i>	2.778041002	1.474067893	0.005121745	0.031569414	Up
T	chr7	<i>PTPN12</i>	1.691492861	0.758297088	0.004645798	0.029579836	Up
T	chr20	<i>PLCB4</i>	1.92968998	0.948369086	0.001000229	0.010250583	Up
T	chr11	<i>CHEK1</i>	2.613244725	1.385842236	2.55E-05	0.000707107	Up
T	chr15	<i>MYO5A</i>	2.065156698	1.046251253	2.44E-05	0.000690042	Up
T	chr15	<i>C15orf39</i>	0.280095086	-1.83601142	2.31E-06	0.000121335	Down
T	chr15	<i>BTBD1</i>	1.764364661	0.81914877	0.004551778	0.029222031	Up
T	chr1	<i>SRM</i>	0.459759518	-1.121048655	0.000148378	0.002608809	Down
T	chr9	<i>SETX</i>	2.159850852	1.110931691	1.65E-05	0.000516202	Up
T	chr3	<i>GOLGB1</i>	1.955321985	0.967406197	0.001979477	0.016575257	Up
T	chr16	<i>C16orf54</i>	0.031469515	-4.989901226	0.002714383	0.020492965	Down
T	chr1	<i>SCARNA3</i>	0.199266896	-2.327226039	2.27E-06	0.000120724	Down
T	chr1	<i>SCARNA4</i>	0.057315014	-4.124943085	1.39E-05	0.000455033	Down
T	chr16	<i>C16orf58</i>	0.322027947	-1.634742198	0.0002716	0.003994696	Down
T	chr1	<i>RABGGTB</i>	3.572287662	1.836848259	0.007148538	0.039922872	Up
T	chr10	<i>OBFC1</i>	0.274157917	-1.866920961	0.00784158	0.04252428	Down
T	chrX	<i>NRK</i>	Inf	Inf	0.000197661	0.00317963	Up
T	chr17	<i>CACNB1</i>	0.327142206	-1.612010197	0.000816241	0.008851769	Down
T	chr19	<i>WDR18</i>	0.331869875	-1.591310418	0.002993065	0.021850879	Down
T	chr1	<i>NSL1</i>	0.114964971	-3.120733751	0.00921752	0.047775829	Down
T	chr7	<i>CUL1</i>	2.247493913	1.168317209	3.24E-06	0.000159432	Up
T	chr1	<i>ELOVL1</i>	0.540835468	-0.886738328	0.001483669	0.013669456	Down
T	chr5	<i>HEXB</i>	1.862621016	0.897334162	0.007376392	0.040828347	Up
T	chr11	<i>CYP2R1</i>	2.599999402	1.378511291	0.003394013	0.023921282	Up
T	chr6	<i>AGPAT1</i>	0.205306169	-2.284151119	1.22E-11	4.67E-09	Down
T	chr8	<i>DCAF13</i>	2.525899175	1.336797053	0.006066169	0.035796644	Up
T	chr9	<i>IFT74</i>	2.15233872	1.105905137	0.003365927	0.02380048	Up
T	chr10	<i>OPTN</i>	14.68734126	3.876501354	0.00224202	0.01806633	Up
T	chr14	<i>EGLN3</i>	0.426893125	-1.228053166	0.001336791	0.012767933	Down
T	chr1	<i>SCAMP3</i>	0.143033337	-2.805576661	2.63E-13	2.15E-10	Down
T	chr2	<i>C2orf44</i>	0.177513307	-2.49400092	0.000526456	0.00643085	Down
T	chr1	<i>CEPT1</i>	1.847189029	0.88533151	0.003906728	0.02630387	Up
T	chr8	<i>DECR1</i>	2.925426893	1.548647165	0.001555855	0.014115892	Up
T	chr14	<i>SNORD8</i>	0.302992118	-1.722647831	0.000214824	0.003376627	Down
T	chr3	<i>SNX4</i>	1.919102346	0.940431653	0.000641774	0.007482206	Up
T	chrX	<i>GUCY2F</i>	0	#NAME?	0.00065958	0.0076082	Down
T	chr6	<i>HIST1H2AG</i>	0.185977056	-2.426803446	9.67E-05	0.001920161	Down
T	chr6	<i>KLHDC3</i>	0.479361142	-1.060815128	0.00595775	0.035313409	Down
T	chr6	<i>HIST1H2AH</i>	0.568700834	-0.814258174	0.001661531	0.014765891	Down
T	chr6	<i>HIST1H2AI</i>	0.26225411	-1.930962712	5.68E-08	6.93E-06	Down
T	chr6	<i>CASP8AP2</i>	2.082511594	1.058324527	0.00021773	0.003405887	Up
T	chr6	<i>HIST1H2AL</i>	0.454297061	-1.138292123	0.004207456	0.027567436	Down

T	chr1	<i>CD84</i>	2.497933233	1.320734916	0.006520323	0.03756505	Up
T	chr17	<i>MIR142</i>	0.157636487	-2.665326587	2.48E-11	8.98E-09	Down
T	chr10	<i>FAM178A</i>	1.890132061	0.918487037	0.000317238	0.004518224	Up
T	chr1	<i>EDEM3</i>	1.795508193	0.844392236	0.001758809	0.015331757	Up
T	chr8	<i>ANGPT1</i>	2.706351755	1.436349364	3.30E-08	4.34E-06	Up
T	chr19	<i>ATP13A1</i>	0.514133166	-0.959786013	0.000115964	0.002179931	Down
T	chr16	<i>SPN</i>	0.36785466	-1.442792228	0.007138491	0.039918082	Down
T	chr9	<i>ZFAND5</i>	1.819229652	0.863327674	0.000406123	0.005395392	Up
T	chr6	<i>CMAHP</i>	0.476639965	-1.069028173	0.004623616	0.029496186	Down
T	chr3	<i>FXR1</i>	1.684439513	0.752268623	0.002166003	0.017595063	Up
T	chr11	<i>FAM111A</i>	5.196703862	2.377596848	4.89E-06	0.000220704	Up
T	chr3	<i>RNF123</i>	0.420759694	-1.248931586	3.65E-06	0.000175059	Down
T	chr3	<i>TTC21A</i>	0.128204055	-2.963486203	0.000890479	0.009452556	Down
T	chr8	<i>TAF2</i>	1.746251173	0.804261085	0.00344372	0.024141197	Up
T	chr11	<i>SNORA3</i>	0.255304185	-1.969710909	6.46E-12	2.91E-09	Down
T	chr7	<i>ZYX</i>	0.35782452	-1.482675842	0.004759139	0.03004203	Down
T	chr6	<i>HIST1H2BE</i>	0.441205054	-1.180478779	0.002543516	0.019623126	Down
T	chr6	<i>HIST1H2BF</i>	0.343849898	-1.540149177	0.000635457	0.007428472	Down
T	chr20	<i>WISP2</i>	0.094408546	-3.404938725	0.007955854	0.043031539	Down
T	chr6	<i>HIST1H2BM</i>	1.86030617	0.895540081	0.004978774	0.030974293	Up
T	chr8	<i>ANK1</i>	0.215518037	-2.214119482	6.15E-08	7.24E-06	Down
T	chr6	<i>HIST1H2BO</i>	0.369264346	-1.437274125	4.46E-05	0.001085791	Down
T	chr2	<i>DCTN1</i>	0.396362095	-1.335109094	1.89E-07	1.79E-05	Down
T	chr22	<i>CABIN1</i>	0.520129727	-0.9430566	0.001368016	0.012960885	Down
T	chr19	<i>CHERP</i>	0.402696185	-1.312236291	0.008078932	0.043534797	Down
T	chr1	<i>FBXO42</i>	0.456933536	-1.129943764	0.001009406	0.010312227	Down
T	chr1	<i>ZFYVE9</i>	5.333877037	2.415184567	0.006842687	0.038796041	Up
T	chr1	<i>ASPM</i>	1.887368565	0.91637618	0.002207021	0.017850463	Up
T	chr12	<i>CHST11</i>	0.492986414	-1.020380206	0.002263688	0.018179152	Down
T	chr11	<i>DNAJC24</i>	13.5209444	3.757124018	0.003188874	0.022845718	Up
T	chr10	<i>NMT2</i>	1.870397306	0.903344757	0.006266749	0.036596243	Up
T	chr12	<i>IFFO1</i>	0.3158684	-1.662604479	4.48E-05	0.00108793	Down
T	chr5	<i>RAD17</i>	2.652232954	1.407207498	0.002893082	0.021396346	Up
T	chr12	<i>NUAK1</i>	0.180505014	-2.469889184	0.000785633	0.008584062	Down
T	chr2	<i>C2orf69</i>	2.787709645	1.479080305	0.003362122	0.023786463	Up
T	chr3	<i>CADM2</i>	0.024299934	-5.362903766	0.001336461	0.012767933	Down
T	chr1	<i>KCNN3</i>	0.053628156	-4.22086555	0.00042967	0.005605479	Down
T	chrX	<i>UPRT</i>	2.394215447	1.259552981	0.001336885	0.012767933	Up
T	chr2	<i>DDX1</i>	2.010121275	1.007282545	0.008501768	0.045160449	Up
T	chr17	<i>CACNA1G</i>	0.016199956	-5.947866266	6.01E-06	0.000250317	Down
T	chr16	<i>C16orf88</i>	Inf	Inf	2.23E-05	0.00064861	Up
T	chr13	<i>IRS2</i>	0.358466896	-1.480088201	0.000294124	0.00426424	Down
T	chr16	<i>WDR24</i>	0.515485698	-0.955995693	0.004648545	0.029582888	Down
T	chr18	<i>IMPA2</i>	0.56222237	-0.830787238	0.008686055	0.045896424	Down

T	chr13	<i>N4BP2L2</i>	2.134001074	1.093560902	0.000135014	0.002442985	Up
T	chr11	<i>PTDSS2</i>	0.348140663	-1.522257764	9.80E-05	0.00193953	Down
T	chr10	<i>TMEM180</i>	0.239815184	-2.060005088	8.90E-06	0.000332887	Down
T	chr6	<i>PRIM2</i>	2.984869565	1.577667889	0.000169234	0.002837832	Up
T	chr19	<i>NACC1</i>	0.485022357	-1.043876845	0.000137603	0.002480457	Down
T	chr15	<i>MYO9A</i>	2.568658969	1.361015362	6.60E-07	4.70E-05	Up
T	chr4	<i>METAP1</i>	2.357061015	1.236989105	0.000190949	0.003086894	Up
T	chr1	<i>RPRD2</i>	0.544365459	-0.877352566	0.008864517	0.046537821	Down
T	chr7	<i>FASTK</i>	0.409853042	-1.286821389	0.000338958	0.004727567	Down
T	chr20	<i>NAA20</i>	2.087286709	1.061628782	0.00879815	0.046319881	Up
T	chr19	<i>SARS2</i>	0.363497502	-1.459982646	0.000565647	0.006801323	Down
T	chr1	<i>HSP90B3P</i>	2.26124086	1.177114671	0.005016605	0.031138374	Up
T	chr19	<i>PPP6R1</i>	0.526511026	-0.925464351	7.29E-05	0.001560701	Down
T	chr19	<i>PPP5C</i>	0.530119761	-0.915609775	0.000586032	0.00696935	Down
T	chr11	<i>EHD1</i>	0.515465022	-0.956053562	0.006327636	0.036721684	Down
T	chrX	<i>FOXO4</i>	0.379052143	-1.399531772	6.51E-06	0.000267219	Down
T	chr17	<i>SSTR2</i>	0.287192069	-1.799912186	1.26E-05	0.000426392	Down
T	chr3	<i>PBRM1</i>	1.581794681	0.661562349	0.00535004	0.032569584	Up
T	chr7	<i>CADPS2</i>	4.043758027	2.015696671	3.72E-05	0.00094332	Up
T	chrX	<i>HCFC1</i>	0.547144038	-0.870007418	0.00665335	0.038086704	Down
T	chr17	<i>BRIP1</i>	2.21302677	1.146020903	0.000688725	0.00788859	Up
T	chr17	<i>SMARCD2</i>	0.58115837	-0.782996734	0.001180051	0.011627604	Down
T	chr16	<i>CYLD</i>	2.244984857	1.166705714	7.86E-06	0.000307269	Up
T	chr6	<i>BCLAF1</i>	1.977454726	0.983644665	0.000246558	0.003740225	Up
T	chr19	<i>CNOT3</i>	0.519806662	-0.94395297	0.008830099	0.046413164	Down
T	chr5	<i>ACTBL2</i>	0.601308068	-0.73382378	0.003498168	0.024469041	Down
T	chr3	<i>GNL3</i>	2.749742777	1.459296669	1.17E-06	7.30E-05	Up
T	chr19	<i>KLC3</i>	0.335314497	-1.576413235	0.003051657	0.022130939	Down
T	chr3	<i>POLQ</i>	1.797573732	0.846050948	0.007326566	0.040638767	Up
T	chrX	<i>DOCK11</i>	2.124384371	1.087044821	7.82E-06	0.000307269	Up
T	chr3	<i>CX3CR1</i>	0.153844866	-2.700451798	0.002580947	0.019818147	Down
T	chr17	<i>VAT1</i>	0.509943696	-0.971590131	0.000814414	0.008846663	Down
T	chr6	<i>MCM9</i>	2.142671385	1.099410606	0.001067956	0.010800426	Up
T	chr5	<i>HNRNPA0</i>	0.587143169	-0.768215762	0.001684534	0.014903786	Down
T	chr10	<i>TIMM23</i>	4.350564287	2.121202537	0.000164481	0.00279215	Up
T	chr18	<i>ZNF397</i>	1.740040829	0.799121158	0.004062289	0.02689735	Up
T	chr12	<i>HNF1A</i>	0	#NAME?	0.001924739	0.016221027	Down
T	chr17	<i>UBB</i>	0.65464289	-0.611219969	0.007953489	0.043031539	Down
T	chr9	<i>S1PR3</i>	0.188990646	-2.403613268	2.60E-05	0.000716779	Down
T	chr12	<i>ANP32D</i>	6.153794629	2.621476297	0.003610659	0.024918224	Up
T	chr5	<i>HK3</i>	0.55273896	-0.855329791	0.001427147	0.013309484	Down
T	chr19	<i>DENND1C</i>	0.322561784	-1.63235257	0.00781564	0.04244914	Down
T	chr8	<i>DSCC1</i>	Inf	Inf	2.31E-05	0.000661859	Up
T	chr3	<i>TNK2</i>	0.313578854	-1.673099818	0.000232197	0.003580659	Down

T	chrX	<i>ELK1</i>	0.422299574	-1.243661302	0.000889615	0.009451069	Down
T	chr14	<i>C14orf159</i>	0.306090221	-1.70797114	0.002900305	0.021421581	Down
T	chr1	<i>PLK3</i>	0.185352702	-2.431654952	0.001906819	0.016118001	Down
T	chr20	<i>PANK2</i>	1.7663452	0.820767319	0.002442049	0.019081009	Up
T	chr17	<i>FBF1</i>	0.36411937	-1.457516604	0.00187482	0.015934137	Down
T	chr9	<i>ENG</i>	0.399329521	-1.324348365	0.004838945	0.030394262	Down
T	chr13	<i>ZIC5</i>	0.017701602	-5.819976224	0.000113448	0.002148108	Down
T	chrX	<i>RLIM</i>	1.978213908	0.984198436	9.48E-05	0.001887277	Up
T	chr5	<i>SLC27A6</i>	Inf	Inf	0.004462637	0.028841639	Up
T	chr14	<i>SUPT16H</i>	1.589423313	0.668503411	0.007056235	0.039542804	Up
T	chr3	<i>HLTF</i>	1.707278448	0.771698373	0.005364086	0.032624647	Up
T	chr2	<i>ORC4</i>	2.393698271	1.25924131	4.35E-05	0.001071805	Up
T	chr17	<i>TP53I13</i>	0.13800422	-2.857215715	0.000427873	0.005595493	Down
T	chr11	<i>ZFP91</i>	2.244619311	1.166470784	0.000104198	0.002022865	Up
T	chr12	<i>B4GALNT1</i>	0.414922408	-1.269086523	5.81E-06	0.00024659	Down
T	chr5	<i>RAD50</i>	1.721205033	0.783418964	0.002624356	0.020057032	Up
T	chr8	<i>RAD21-AS1</i>	0.070886335	-3.81834864	8.93E-11	2.77E-08	Down
T	chr10	<i>PPP2R2D</i>	2.374076268	1.247366283	0.003765997	0.025661744	Up
T	chr8	<i>RB1CC1</i>	2.072188774	1.051155437	2.55E-05	0.000707107	Up
T	chr18	<i>TXNL1</i>	1.816797733	0.861397811	0.00981157	0.049864334	Up
T	chr16	<i>ZDHHC7</i>	0.438126511	-1.190580579	0.009505251	0.048898068	Down
T	chr14	<i>C14orf166</i>	1.765002777	0.819670453	0.002973244	0.021779303	Up
T	chr17	<i>MAPK7</i>	0.449857396	-1.152460352	0.004895309	0.030615628	Down
T	chr6	<i>BRD7P3</i>	4.881824461	2.28742042	0.005456393	0.033032069	Up
T	chr2	<i>INPP1</i>	3.539440527	1.823521334	0.007986938	0.04314811	Up
T	chr8	<i>CRISPLD1</i>	2.373803576	1.247200562	0.001598108	0.014347357	Up
T	chr11	<i>FAR1</i>	1.746184031	0.804205614	0.002955133	0.021687073	Up
T	chr1	<i>LMNA</i>	0.143867243	-2.797189947	0.000107117	0.002064184	Down
T	chr17	<i>MTRNR2L1</i>	2.701359157	1.433685465	0.002269886	0.018189762	Up
T	chr19	<i>ZC3H4</i>	0.480770622	-1.056579354	4.38E-05	0.001074288	Down
T	chr9	<i>ZER1</i>	0.458691741	-1.124403162	0.00280269	0.02093271	Down
T	chrX	<i>KIAA2022</i>	0.031469515	-4.989901226	0.003080758	0.022279139	Down
T	chr17	<i>FAM222B</i>	0.259685432	-1.94516301	4.99E-06	0.000223747	Down
T	chr17	<i>RAB11FIP4</i>	0.361555967	-1.467709109	1.42E-05	0.000461044	Down
T	chr1	<i>ACTA1</i>	0.151739392	-2.720332429	4.92E-20	1.28E-16	Down
T	chr11	<i>IGF2</i>	0	#NAME?	4.44E-05	0.001083561	Down
T	chr3	<i>TEX264</i>	0.298475269	-1.744316695	2.08E-06	0.000114732	Down
T	chr1	<i>S100A11</i>	0.334892034	-1.578232034	0.000166019	0.002805545	Down
T	chr8	<i>ADCY8</i>	0.028322564	-5.141904319	0.002536324	0.019590815	Down
T	chr17	<i>COL1A1</i>	0.096083261	-3.37957107	0.002678325	0.020302983	Down
T	chr12	<i>CKAP4</i>	0.387664709	-1.367118688	1.56E-05	0.000493218	Down
T	chr16	<i>MAPK3</i>	0.43386881	-1.204669219	2.47E-05	0.000694622	Down
T	chr8	<i>MYC</i>	0.318239548	-1.651814961	0.000172116	0.002872789	Down
T	chr6	<i>EYA4</i>	0.068119016	-3.875798584	0.000551826	0.006659936	Down

T	chr15	<i>FES</i>	0.52587024	-0.92722124	0.000461161	0.005898341	Down
T	chr1	<i>EFHD2</i>	0.408210333	-1.292615392	0.001507062	0.013787609	Down
T	chr12	<i>SLC6A15</i>	3.457322691	1.789655265	0.008608684	0.045616935	Up
T	chr22	<i>UQCR10</i>	0.37145293	-1.42874869	0.00630046	0.036647452	Down
T	chr19	<i>PRKCSH</i>	0.480761537	-1.056606616	0.00101586	0.010370037	Down
T	chr9	<i>TMEM8B</i>	0.156382756	-2.676846656	2.30E-05	0.00065977	Down
T	chr3	<i>FYTTD1</i>	2.955679128	1.563489657	5.84E-05	0.001333889	Up
T	chr3	<i>TADA3</i>	0.448371476	-1.157233593	0.000330492	0.004656151	Down
T	chr19	<i>NAPSA</i>	0.44491507	-1.16839813	0.004991331	0.031036294	Down
T	chr9	<i>TGFBR1</i>	2.478748057	1.309611641	9.04E-06	0.000335907	Up
T	chr9	<i>OGN</i>	7.789443024	2.961520174	0.003627777	0.024967505	Up
T	chr19	<i>SCAMP4</i>	0.339732211	-1.557530084	0.006769975	0.038534507	Down
T	chr11	<i>CKAP5</i>	1.534273535	0.617555713	0.009590849	0.049144628	Up
T	chr11	<i>TBRG1</i>	1.913671859	0.93634347	0.003542695	0.024662756	Up
T	chrX	<i>PAK3</i>	2.189688031	1.130725341	0.005087074	0.031467977	Up
T	chr6	<i>EXOC2</i>	2.13963715	1.097366158	6.02E-05	0.00135951	Up
T	chr17	<i>WDR81</i>	0.401652634	-1.315979758	0.003546474	0.024675892	Down
T	chr11	<i>C11orf68</i>	0.463658802	-1.108864552	0.001233461	0.011981931	Down
T	chr22	<i>KCTD17</i>	0.239510355	-2.061840062	0.000235409	0.003604637	Down
T	chr2	<i>RIF1</i>	2.407254094	1.267388431	9.94E-07	6.39E-05	Up
T	chr15	<i>RPAP1</i>	0.365499703	-1.452057861	1.07E-05	0.000376935	Down
T	chr5	<i>PJA2</i>	2.151099949	1.10507456	0.000349273	0.004826923	Up
T	chr14	<i>DDHD1</i>	2.120092853	1.084127452	0.003007311	0.021898367	Up
T	chr12	<i>PLBD2</i>	0.409243427	-1.288968848	0.007987328	0.04314811	Down
T	chr6	<i>BAG6</i>	0.358727438	-1.479039998	8.18E-05	0.001704099	Down
T	chr19	<i>ELANE</i>	0.284324768	-1.814388314	3.70E-05	0.000941841	Down
T	chr11	<i>FAM118B</i>	2.17355198	1.120054598	0.00574357	0.034387614	Up
T	chr19	<i>CIC</i>	0.377434536	-1.405701658	0.001490824	0.013716002	Down
T	chr9	<i>PTGES2</i>	0.301023669	-1.732051164	0.000326935	0.004626018	Down
T	chr1	<i>SNORA14B</i>	0.522958063	-0.935232837	0.004847153	0.030416528	Down
T	chr6	<i>ATF6B</i>	0.215090111	-2.216986899	7.30E-10	1.80E-07	Down
T	chr10	<i>METTL10</i>	2.137934679	1.096217774	0.005772255	0.034527666	Up
T	chr1	<i>LUZP1</i>	2.696335964	1.431000268	0.000200869	0.003207516	Up
T	chr2	<i>TET3</i>	0.430997585	-1.214248311	0.00231194	0.018368799	Down
T	chr14	<i>TRIP11</i>	1.987779649	0.991157839	0.000887867	0.009440192	Up
T	chr19	<i>SSBP4</i>	0.174536662	-2.518397983	7.54E-06	0.000298092	Down
T	chr12	<i>ALDH2</i>	0.439479005	-1.186133849	1.34E-06	8.17E-05	Down
T	chr5	<i>GALNT10</i>	0.425108387	-1.234097374	0.000274442	0.004027418	Down
T	chr17	<i>UNC13D</i>	0.458315927	-1.125585674	1.06E-05	0.000376935	Down
T	chr6	<i>HACE1</i>	1.790134217	0.840067759	0.008415396	0.044756321	Up
T	chr7	<i>PUS7</i>	2.020039988	1.014383852	0.000739747	0.008241455	Up
T	chr20	<i>SYS1</i>	0.180670935	-2.468563659	2.55E-09	5.20E-07	Down
T	chr4	<i>ARFIP1</i>	2.175911542	1.121619908	0.000697188	0.00796455	Up
T	chr7	<i>RPS2P32</i>	0.50703942	-0.979830181	0.00099945	0.010250583	Down

T	chr19	<i>SPRED3</i>	0.224567396	-2.154779613	0.003425898	0.02408582	Down
T	chr3	<i>NBEAL2</i>	0.347816272	-1.523602665	0.000517158	0.006363919	Down
T	chr1	<i>RGS18</i>	3.313237923	1.728241807	0.000292065	0.004243074	Up
T	chr19	<i>RAB3A</i>	0.307941885	-1.699269983	0.004931814	0.030799639	Down
T	chr16	<i>LMF1</i>	0.317005294	-1.65742116	0.001166737	0.011539992	Down
T	chr22	<i>TTL12</i>	0.229511262	-2.123363145	2.31E-09	4.77E-07	Down
T	chr14	<i>KTN1</i>	3.078827868	1.622381211	1.04E-08	1.64E-06	Up
T	chr8	<i>DOK2</i>	0.395275957	-1.33906789	0.00746162	0.041090882	Down
T	chr1	<i>SMG5</i>	0.621252424	-0.68674852	0.006647943	0.03807246	Down
T	chr1	<i>WASF2</i>	0.4129996	-1.27578771	0.000766962	0.008443704	Down
T	chr19	<i>FBXO46</i>	0.306656485	-1.705304634	9.32E-05	0.001865857	Down
T	chr19	<i>QTRT1</i>	0.243207619	-2.039739669	0.000252831	0.003817637	Down
T	chr12	<i>TMPO</i>	1.664862849	0.735403334	0.002267652	0.018189762	Up
T	chr12	<i>ARF3</i>	0.405953722	-1.300612822	0.000110618	0.002113201	Down
T	chr16	<i>WDR90</i>	0.378164037	-1.402915924	0.000516186	0.006363919	Down
T	chr1	<i>ZNF644</i>	2.121663616	1.085195939	1.74E-05	0.000538763	Up
T	chr17	<i>SLFN11</i>	2.886123175	1.529132873	0.000368382	0.005011376	Up
T	chr12	<i>TUBA1A</i>	0.607836123	-0.718245679	0.00474325	0.029980833	Down
T	chr12	<i>TUBA1B</i>	0.531902365	-0.910766644	9.18E-05	0.001842422	Down
T	chr10	<i>JMJD1C</i>	1.609765734	0.686850751	0.003872368	0.026175604	Up
T	chr9	<i>LPAR1</i>	0.201607377	-2.310379664	0.002244267	0.018073274	Down
T	chr11	<i>KIF18A</i>	1.970168531	0.978319045	0.005927237	0.035237286	Up
T	chr5	<i>DCP2</i>	1.802095793	0.849675702	0.003358	0.023770194	Up
T	chr12	<i>DENND5B</i>	1.960264281	0.97104817	0.006300019	0.036647452	Up
T	chr19	<i>GMIP</i>	0.391416359	-1.353224042	0.002722565	0.020542845	Down
T	chr19	<i>ZNF121</i>	4.366107519	2.126347658	8.34E-05	0.001719865	Up
T	chr9	<i>TEK</i>	3.648672439	1.867371638	3.23E-07	2.72E-05	Up
T	chr15	<i>HERC1</i>	1.521286248	0.605291638	0.009652604	0.049344776	Up
T	chr10	<i>TET1</i>	3.831057492	1.937742676	0.002138751	0.017498398	Up
T	chr14	<i>TECPR2</i>	0.447704018	-1.15938283	0.001096022	0.011007473	Down
T	chr22	<i>C22orf28</i>	1.66249599	0.733350861	0.004011673	0.02668161	Up
T	chr10	<i>LDB1</i>	0.44252913	-1.176155669	4.12E-07	3.30E-05	Down
T	chr11	<i>GANAB</i>	0.622325749	-0.684258154	0.003531021	0.024594609	Down
T	chr9	<i>JAK2</i>	1.998441581	0.9988754	0.000109132	0.002096816	Up
T	chr1	<i>SNORA16A</i>	0.09018545	-3.470961489	1.20E-11	4.67E-09	Down
T	chr19	<i>CKM</i>	0.016199956	-5.947866266	1.87E-05	0.000564804	Down
T	chr2	<i>CUL3</i>	1.538476326	0.621502244	0.00896314	0.046773247	Up
T	chr10	<i>MAPK8</i>	1.78853315	0.838776859	0.003286225	0.023401793	Up
T	chr14	<i>PELI2</i>	0.35238896	-1.504759367	0.000226102	0.003519956	Down
T	chr1	<i>EXOC8</i>	0.377719984	-1.404610982	0.002889398	0.021381216	Down
T	chrX	<i>SHROOM4</i>	5.393305326	2.43116971	0.0012014	0.011766867	Up
T	chr20	<i>E2F1</i>	0.335279542	-1.576563637	0.001244487	0.012071065	Down
T	chr15	<i>GLCE</i>	1.898780229	0.925072933	0.00204538	0.016961751	Up
T	chr9	<i>LRRC8A</i>	0.375002309	-1.415028618	4.06E-07	3.27E-05	Down

T	chr7	<i>PHTF2</i>	2.125747778	1.08797043	0.000176614	0.002927703	Up
T	chr17	<i>TAOK1</i>	1.642362039	0.715772187	0.002955666	0.021687073	Up
T	chr16	<i>NAE1</i>	4.203735392	2.07167186	1.95E-07	1.82E-05	Up
T	chr8	<i>ESCO2</i>	2.490277167	1.316306323	0.005321958	0.032433202	Up
T	chr2	<i>TMEM87B</i>	2.671737467	1.417778251	0.0049617	0.030882793	Up
T	chr17	<i>KIF1C</i>	0.508274998	-0.976318827	0.006370476	0.03695386	Down
T	chr11	<i>PYGM</i>	0.478339819	-1.063892203	0.000713799	0.008055558	Down
T	chr22	<i>C22orf32</i>	0.528203983	-0.920832915	0.007142359	0.039918082	Down
T	chrX	<i>GPRASP1</i>	4.039817584	2.01429015	7.41E-05	0.001578662	Up
T	chr13	<i>LNX2</i>	0.15967357	-2.646802563	0.001273102	0.012257486	Down
T	chr1	<i>THBS3</i>	0.051495571	-4.279407843	0.001463262	0.013577326	Down
T	chr9	<i>C9orf89</i>	0.453258201	-1.141594971	0.002674033	0.020282226	Down
T	chr7	<i>FBXL18</i>	0.27768798	-1.848463364	0.001358317	0.012906489	Down
T	chr17	<i>PFN1</i>	0.616732063	-0.697284244	0.002146216	0.017543569	Down
T	chr5	<i>NDST1</i>	0.418990928	-1.255009089	4.42E-06	0.000204976	Down
T	chr4	<i>BBS12</i>	5.32620126	2.413106945	0.00037112	0.005038119	Up
T	chr19	<i>SNORD32A</i>	0.342755763	-1.544747172	0.002079644	0.017182418	Down
T	chr5	<i>MEGF10</i>	0.023602137	-5.404938725	0.000846118	0.009077673	Down
T	chr4	<i>POLR2B</i>	1.664517455	0.735103999	0.004472377	0.028841639	Up
T	chr11	<i>ZNF202</i>	5.265041029	2.396444774	0.009252503	0.047938105	Up
T	chr11	<i>RPS6KA4</i>	0.356646554	-1.487433063	0.000189533	0.003084282	Down
T	chr11	<i>SPI1</i>	0.451708673	-1.146535481	6.33E-05	0.001401491	Down
T	chr17	<i>ARHGAP23</i>	0.356420382	-1.488348253	0.000256569	0.003860731	Down
T	chr17	<i>ARHGAP27</i>	0.274916702	-1.862933536	3.15E-08	4.19E-06	Down
T	chr10	<i>VTI1A</i>	2.005905203	1.004253427	0.00356537	0.024734629	Up
T	chr5	<i>HNRNPH1</i>	1.782682146	0.834049492	0.000412319	0.005454353	Up
T	chr17	<i>FLCN</i>	0.485312999	-1.043012591	0.000571002	0.006834213	Down
T	chr3	<i>MAP4</i>	0.500980215	-0.997174465	0.002910653	0.021465449	Down
T	chr10	<i>CUL2</i>	1.738077853	0.797492705	0.0055262	0.033377224	Up
T	chr12	<i>ZNF384</i>	0.591551644	-0.757423969	0.002885893	0.021371745	Down
T	chr18	<i>THOC1</i>	2.231465521	1.157991515	0.001005234	0.010277649	Up
T	chr1	<i>GGPS1</i>	2.174700218	1.12081654	0.003083084	0.022283606	Up
T	chr13	<i>SACS</i>	2.202533694	1.13916409	4.54E-06	0.000208663	Up
T	chr16	<i>YPEL3</i>	0.346379257	-1.52957556	5.84E-07	4.28E-05	Down
T	chr12	<i>ELK3</i>	0.505362612	-0.98460916	0.000116982	0.002192739	Down
T	chr1	<i>KLHL21</i>	0.386358355	-1.371988497	0.006637786	0.038030989	Down
T	chr19	<i>ZNF600</i>	Inf	Inf	0.003344285	0.023698829	Up
T	chr16	<i>PGP</i>	0.381792933	-1.389137695	0.000189606	0.003084282	Down
T	chr19	<i>ZNF606</i>	3.106946894	1.635497582	8.38E-07	5.70E-05	Up
T	chr16	<i>FBXO31</i>	0.290808544	-1.78185844	1.02E-05	0.00036609	Down
T	chr11	<i>FAM168A</i>	0.309568063	-1.691671453	4.58E-06	0.000208898	Down
T	chr11	<i>ZNF214</i>	4.865241301	2.28251136	8.27E-05	0.001714797	Up
T	chr1	<i>ZNF678</i>	Inf	Inf	0.009388892	0.048476181	Up
T	chr20	<i>NCOR1P1</i>	0.394064484	-1.343496368	0.006976989	0.039245741	Down

T	chr12	<i>ANKRD52</i>	0.386201717	-1.372573516	0.004004712	0.026677157	Down
T	chr10	<i>DPYSL4</i>	0.064494407	-3.954682132	4.83E-07	3.68E-05	Down
T	chr9	<i>PPP2R4</i>	0.502994095	-0.991386632	8.02E-05	0.001674609	Down
T	chr12	<i>CEP290</i>	2.196493766	1.135202405	0.000477048	0.006036434	Up
T	chrX	<i>STAG2</i>	2.066252803	1.047016777	0.000106189	0.002049319	Up
T	chr12	<i>SPPL3</i>	0.507411592	-0.978771616	0.000255428	0.00385239	Down
T	chr6	<i>COL9A1</i>	0.035403205	-4.819976224	0.008351944	0.044544921	Down
T	chr16	<i>ALDOA</i>	0.567987096	-0.81606994	0.000476884	0.006036434	Down
T	chrX	<i>POLA1</i>	2.103449566	1.072757228	1.83E-05	0.000560103	Up
T	chr3	<i>ATP2C1</i>	2.261460907	1.177255057	1.17E-05	0.00040418	Up
T	chr8	<i>RRM2B</i>	2.151359671	1.105248739	0.009551532	0.049020178	Up
T	chr14	<i>WDHD1</i>	1.874909924	0.906821286	0.00092501	0.009684595	Up
T	chr4	<i>FAM114A1</i>	0.394883348	-1.340501562	0.009197203	0.047708434	Down
T	chr3	<i>ADAMTS9</i>	0.079604186	-3.651011896	0.000504184	0.006270338	Down
T	chr7	<i>CHN2</i>	2.159385326	1.110620704	0.003652698	0.025107006	Up
T	chr9	<i>TOPORS</i>	1.964442283	0.974119781	0.000399075	0.005323445	Up
T	chr9	<i>TAF1L</i>	2.555077867	1.353367259	4.58E-06	0.000208898	Up
T	chr20	<i>TSHZ2</i>	0.081918465	-3.609667503	6.22E-08	7.24E-06	Down
T	chr9	<i>OMD</i>	4.193709352	2.068226878	0.007135799	0.039918082	Up
T	chr16	<i>THOC6</i>	0.358067806	-1.481695284	0.000736858	0.008231814	Down
T	chr1	<i>USP1</i>	1.916039222	0.938127094	0.000615531	0.007263894	Up
T	chr1	<i>MCL1</i>	1.633393185	0.707872114	0.007852358	0.042542302	Up
T	chr1	<i>ZNF684</i>	14.64547338	3.872382921	0.002102334	0.017293225	Up
T	chr19	<i>ERCC2</i>	0.563429095	-0.827694029	0.005386672	0.032731494	Down
T	chr11	<i>CPT1A</i>	0.522972117	-0.935194065	0.008056687	0.043432866	Down
T	chr3	<i>LRRC33</i>	0.55748006	-0.843007891	0.000865829	0.009258688	Down
T	chr1	<i>ZNF687</i>	0.377580937	-1.405142166	2.28E-07	2.05E-05	Down
T	chr7	<i>SNX10</i>	2.618092001	1.388515795	4.86E-05	0.001151867	Up
T	chr3	<i>B3GNT5</i>	2.288805595	1.194594929	0.009415383	0.048569826	Up
T	chr2	<i>CNNM3</i>	0.329327727	-1.602404115	1.26E-05	0.000426824	Down
T	chr7	<i>SNX13</i>	2.06927094	1.049122557	0.000140713	0.002516987	Up
T	chr14	<i>RPPH1</i>	0.242130875	-2.046141041	9.72E-05	0.001926812	Down
T	chr5	<i>MOCS2</i>	3.315653106	1.729293075	0.001147426	0.011420723	Up
T	chr19	<i>ZNF160</i>	3.379538302	1.756826165	0.001177547	0.011627038	Up
T	chr11	<i>RAB38</i>	1.778511965	0.83067068	0.00213046	0.017447575	Up
T	chr3	<i>ALCAM</i>	1.784753442	0.835724784	0.006407936	0.037089877	Up
T	chr19	<i>KHSRP</i>	0.356433841	-1.488293777	0.000670085	0.007719757	Down
T	chr19	<i>NCLN</i>	0.451076591	-1.148555677	0.001513449	0.013836335	Down
T	chr12	<i>SHMT2</i>	0.448792907	-1.155878219	5.21E-05	0.001222469	Down
T	chr6	<i>KIAA1009</i>	3.793425349	1.923501147	1.32E-05	0.00043963	Up
T	chr2	<i>SLC4A1AP</i>	2.16912443	1.117112814	0.002321482	0.018410972	Up
T	chr3	<i>SCAP</i>	0.51537663	-0.956300975	0.000138442	0.002488978	Down
T	chr15	<i>IMP3</i>	0.338136635	-1.564321762	9.46E-05	0.001887277	Down
T	chrX	<i>PGRMC1</i>	2.000493443	1.0003559	0.001378395	0.013002562	Up

T	chr19	<i>ZNF625</i>	2.669040758	1.416321336	6.48E-07	4.65E-05	Up
T	chr4	<i>WHSC1</i>	1.689924555	0.75695884	0.002163127	0.017595063	Up
T	chr22	<i>MN1</i>	0.289658532	-1.787574932	0.000452724	0.005824696	Down
T	chr19	<i>ZNF628</i>	0.108892336	-3.199025681	1.49E-07	1.50E-05	Down
T	chr16	<i>SLC38A7</i>	0.31071428	-1.686339548	0.000464013	0.0059141	Down
T	chr7	<i>REPIN1</i>	0.496878983	-1.009033575	0.004444416	0.028803703	Down
T	chr1	<i>WDTG1</i>	0.436026302	-1.197512932	0.002122169	0.017401517	Down
T	chr15	<i>TLE3</i>	0.404640065	-1.305288921	1.50E-05	0.000478046	Down
T	chr5	<i>PCYOX1L</i>	0.401195253	-1.31762356	0.00205489	0.017010216	Down
T	chr3	<i>CLCN2</i>	0.355682948	-1.491336285	0.00076326	0.008410043	Down
T	chr6	<i>SNX14</i>	1.884613327	0.914268551	0.003896511	0.026297921	Up
T	chr14	<i>AP1G2</i>	0.488772607	-1.032764661	0.000549279	0.006647391	Down
T	chr8	<i>TIGD5</i>	0	#NAME?	0.002470651	0.019254547	Down
T	chr20	<i>ZNF335</i>	0.559773878	-0.837083929	0.004551429	0.029222031	Down
T	chr10	<i>KIF11</i>	2.029137568	1.020866677	7.31E-05	0.001562673	Up
T	chr7	<i>CCDC132</i>	2.005890923	1.004243157	0.000760128	0.008396805	Up
T	chr1	<i>AHDC1</i>	0.291825427	-1.776822502	0.004141328	0.027286753	Down
T	chr3	<i>SNORA62</i>	0.169312415	-2.562240333	5.62E-05	0.001295556	Down
T	chr2	<i>DNAH6</i>	0	#NAME?	2.87E-05	0.000771707	Down
T	chr2	<i>DNAH7</i>	0.254857448	-1.972237582	0.004682625	0.029770726	Down
T	chr12	<i>ZDHC17</i>	1.720152488	0.782536463	0.004780168	0.030112056	Up
T	chr2	<i>DNAJC27</i>	2.28771339	1.193906319	0.009290722	0.04805978	Up
T	chrX	<i>CASK</i>	1.770601633	0.824239657	0.007553875	0.041389272	Up
T	chr6	<i>MLLT4</i>	3.369655063	1.752600916	1.42E-07	1.45E-05	Up
T	chrX	<i>MAGEE1</i>	12.62102603	3.657757295	0.006717056	0.038316886	Up
T	chr1	<i>PTBP2</i>	2.337886125	1.22520466	1.09E-05	0.000381777	Up
T	chr1	<i>TMEM63A</i>	0.532814796	-0.908293948	0.004715709	0.029899235	Down
T	chr6	<i>SLC39A7</i>	0.546392304	-0.871990931	0.001654664	0.014724931	Down
T	chr17	<i>ASPSR1</i>	0.463422784	-1.109599121	0.002553127	0.019677311	Down
T	chr17	<i>MIF4GD</i>	0.32372705	-1.627150177	8.23E-05	0.001708978	Down
T	chrX	<i>HTATSF1</i>	1.886474121	0.915692309	0.006310438	0.036653079	Up
T	chrX	<i>ARHGEF6</i>	1.839267362	0.87913121	0.000450732	0.005804781	Up
T	chr16	<i>PLK1</i>	0.348109648	-1.522386296	8.27E-06	0.000317463	Down
T	chr12	<i>LPCAT3</i>	0.510109637	-0.971120739	0.000702903	0.007980915	Down
T	chr1	<i>NOS1AP</i>	0.324890407	-1.62197495	0.005307778	0.03238787	Down
T	chr1	<i>MEF2D</i>	0.281678994	-1.827876117	2.71E-07	2.36E-05	Down
T	chr20	<i>TRPC4AP</i>	0.56539564	-0.822667336	0.002097439	0.017283491	Down
T	chr10	<i>TRIM8</i>	0.395655431	-1.337683533	2.09E-06	0.000114846	Down
T	chr18	<i>CTIF</i>	0.271732412	-1.879741436	0.000912568	0.009601095	Down
T	chrY	<i>ZFY</i>	2.522100586	1.334625814	7.43E-05	0.001580736	Up
T	chr5	<i>MSH3</i>	2.643292126	1.402335875	0.000139292	0.002496164	Up
T	chr7	<i>CHST12</i>	0.358030747	-1.481844607	0.000554287	0.00667703	Down
T	chr19	<i>ZNF180</i>	3.296922039	1.721119773	1.94E-05	0.000582207	Up
T	chr10	<i>ANXA11</i>	0.506022203	-0.982727406	0.000446223	0.005769495	Down

T	chr15	<i>FANCI</i>	2.46465242	1.301384204	0.000900341	0.00951081	Up
T	chr22	<i>FBXW4P1</i>	0.276779793	-1.853189475	3.91E-05	0.000980346	Down
T	chr11	<i>EML3</i>	0.465445634	-1.10331543	8.88E-05	0.001792761	Down
T	chr3	<i>SNORA7B</i>	0.37002869	-1.434290963	0.00020518	0.003252467	Down
T	chr17	<i>PELP1</i>	0.390228859	-1.357607621	3.43E-05	0.000885191	Down
T	chr8	<i>ATAD2</i>	1.995308596	0.996611892	8.53E-05	0.001746459	Up
T	chr6	<i>ABCC10</i>	0.326622404	-1.614304343	0.000288777	0.004201688	Down
T	chr6	<i>TULP4</i>	0.286761148	-1.80207852	0.000354879	0.004894024	Down
T	chr1	<i>ZBTB41</i>	2.186097298	1.128357613	0.000183275	0.003018941	Up
T	chr4	<i>TIGD2</i>	2.947090618	1.559291421	3.22E-05	0.000843825	Up
T	chr11	<i>CD3E</i>	0.035403205	-4.819976224	0.008351944	0.044544921	Down
T	chr16	<i>ZNF48</i>	0.469900548	-1.089572644	0.005910316	0.03518341	Down
T	chr14	<i>IRF2BPL</i>	0.418915901	-1.255267448	0.002111511	0.017335921	Down
T	chr8	<i>FBXL6</i>	0.448727883	-1.156087262	0.003512766	0.02451982	Down
T	chr1	<i>LGALS8</i>	3.452670705	1.787712745	0.004055981	0.026882534	Up
T	chr1	<i>NAV1</i>	0.354526505	-1.496034604	0.003684597	0.025259721	Down
T	chr22	<i>SBF1</i>	0.443597464	-1.172676976	4.78E-05	0.001139665	Down
T	chr3	<i>SNORA81</i>	0.089491893	-3.482099199	1.07E-41	1.39E-37	Down
T	chr4	<i>HAUS3</i>	2.454030158	1.295152979	1.92E-05	0.000578068	Up
T	chr17	<i>EIF1</i>	0.518457739	-0.947701699	0.001950001	0.016370469	Down
T	chr5	<i>GDNF</i>	0	#NAME?	0.000189206	0.003084282	Down
T	chr1	<i>SEPN1</i>	0.359272667	-1.476848914	8.31E-05	0.001717938	Down
T	chr4	<i>SNX25</i>	2.780565595	1.475378372	0.004057313	0.026882534	Up
T	chr11	<i>RHOG</i>	0.267605866	-1.901818355	4.31E-12	2.16E-09	Down
T	chr11	<i>RAB6A</i>	1.781224356	0.832869244	0.008872815	0.046538548	Up
T	chr1	<i>ACBD6</i>	0.487624208	-1.036158346	0.003560799	0.024734629	Down
T	chr17	<i>UNK</i>	0.485869118	-1.041360358	0.000506007	0.00628702	Down
T	chr10	<i>FAM190B</i>	1.781040628	0.832720427	0.009120407	0.047423206	Up
T	chr19	<i>MED16</i>	0.180535668	-2.469644203	1.74E-08	2.46E-06	Down
T	chr6	<i>RNGTT</i>	1.779934953	0.831824519	0.00475278	0.030026521	Up
T	chr11	<i>CTTN</i>	3.14828218	1.654564855	0.000245564	0.003729492	Up
T	chr22	<i>SMCR7L</i>	0.569332599	-0.812656385	0.005135566	0.031569414	Down
T	chr2	<i>FOSL2</i>	0.361306494	-1.468704908	0.000825403	0.008933793	Down
T	chr9	<i>ANXA1</i>	2.517465181	1.331971825	0.004188146	0.027484181	Up
T	chr1	<i>CACNA1E</i>	0.423816595	-1.238488016	0.007250506	0.040388601	Down
T	chr16	<i>RSPRY1</i>	1.766587079	0.820964865	0.004485063	0.028902423	Up
T	chr9	<i>PTGS1</i>	2.054208418	1.038582564	0.001759286	0.015331757	Up
T	chr10	<i>CPEB3</i>	0.242228948	-2.045556806	0.002046435	0.016961751	Down
T	chr19	<i>MEGF8</i>	0.358095698	-1.481582906	0.003391826	0.023918793	Down
T	chr16	<i>HCFC1R1</i>	0.334151501	-1.581425741	0.004608798	0.029444845	Down
T	chr19	<i>KCNA7</i>	0.079527058	-3.652410383	0.004828306	0.030356665	Down
T	chr11	<i>MUC6</i>	0.029159921	-5.09986936	0.003976759	0.026562636	Down
T	chr19	<i>ZNF667</i>	3.345957975	1.742419325	0.001831903	0.015743746	Up
T	chr8	<i>PRKDC</i>	1.937428147	0.954142806	0.000340794	0.004738551	Up

T	chr7	<i>FO XK1</i>	0.449071758	-1.154982102	0.007289495	0.040519279	Down
T	chr20	<i>SLCO4A1</i>	0.294582007	-1.76325878	0.001220414	0.011875007	Down
T	chr13	<i>MYCBP2</i>	1.663968233	0.734627891	0.001706188	0.015054274	Up
T	chr19	<i>MED25</i>	0.261082236	-1.937423795	4.80E-09	8.58E-07	Down
T	chr12	<i>LMBR1L</i>	0.463571577	-1.109135981	0.002210672	0.017868913	Down
T	chr22	<i>FOXRED2</i>	0.483093462	-1.049625767	0.002384113	0.018782084	Down
T	chr19	<i>ZNF77</i>	2.79978189	1.485314442	0.006456804	0.037321873	Up
T	chr12	<i>NDUFA4L2</i>	4.384801567	2.132511555	0.000617699	0.007279588	Up
T	chr2	<i>LOC100129726</i>	0	#NAME?	0.002119995	0.017394625	Down
T	chr4	<i>FBXL5</i>	1.914671982	0.937097253	0.002991646	0.021850879	Up
T	chr2	<i>RSAD2</i>	4.791602702	2.260508291	0.003860863	0.026124904	Up
T	chr2	<i>SESTD1</i>	2.276975614	1.187118841	0.000481139	0.006058824	Up
T	chr12	<i>FGD4</i>	2.39727448	1.261395102	0.000239956	0.003661371	Up
T	chr1	<i>CYB5R1</i>	2.325019933	1.217243085	0.007438172	0.041048391	Up
T	chr10	<i>KIF5B</i>	2.355725227	1.236171272	5.55E-06	0.000238755	Up
T	chr1	<i>PFDN2</i>	0.438351589	-1.189839619	0.001580702	0.014261296	Down
T	chr13	<i>COG6</i>	2.357955853	1.237536708	0.0054312	0.032925391	Up
T	chr1	<i>PPAP2B</i>	0.242912946	-2.041488715	0.009799711	0.049823471	Down
T	chr11	<i>SF1</i>	0.439515133	-1.186015254	0.000520853	0.006392337	Down
T	chr7	<i>POM121</i>	0.200237328	-2.320217148	0.000883155	0.009397748	Down
T	chr3	<i>SNORA6</i>	0.20062465	-2.317429218	4.89E-08	6.07E-06	Down
T	chr22	<i>TOB2</i>	0.44326936	-1.173744453	0.006727036	0.03835704	Down
T	chr1	<i>CMPK1</i>	1.703099373	0.768162617	0.00745067	0.041065247	Up
T	chrX	<i>MTM1</i>	2.027067855	1.019394383	0.004486234	0.028902423	Up
T	chr5	<i>SNX2</i>	1.734155237	0.794233051	0.004238403	0.027744205	Up
T	chr20	<i>NDUFAF5</i>	2.429829459	1.28085506	0.008110062	0.043648461	Up
T	chr1	<i>ZBTB7B</i>	0.318356143	-1.651286492	0.000138846	0.002491592	Down
T	chr7	<i>7-Sep</i>	2.376543994	1.248865109	0.00181261	0.015650104	Up
T	chr16	<i>COTL1</i>	0.370877473	-1.430985455	0.000159874	0.002726427	Down
T	chr5	<i>CREBRF</i>	1.91995854	0.941075158	0.001420625	0.01328564	Up
T	chr11	<i>SYVN1</i>	0.214303284	-2.22227414	3.16E-07	2.67E-05	Down
T	chr17	<i>MED24</i>	0.45562507	-1.134080964	7.87E-06	0.000307269	Down
T	chr2	<i>IMMT</i>	1.659904588	0.731100317	0.005812851	0.034690969	Up
T	chr19	<i>KLHL26</i>	0.235536239	-2.085979051	0.003374258	0.02383918	Down
T	chr15	<i>DPP8</i>	1.597202919	0.675547613	0.006923556	0.039101608	Up
T	chrX	<i>ARMCX2</i>	2.013195356	1.009487175	0.002315158	0.01838317	Up
T	chr19	<i>OAZ1</i>	0.464238528	-1.107061836	1.82E-06	0.000104394	Down
T	chr19	<i>LYL1</i>	0.378681056	-1.400944845	6.98E-05	0.001523034	Down
T	chr1	<i>AGTRAP</i>	0.209407836	-2.255612665	0.002535159	0.019590815	Down
T	chr15	<i>NTRK3</i>	0.020230403	-5.627331146	0.000312062	0.004454223	Down
T	chr2	<i>RANBP2</i>	2.065976561	1.046823887	2.62E-05	0.00071892	Up
T	chr2	<i>EIF5B</i>	1.674434105	0.743673602	0.005344311	0.032549896	Up
T	chr8	<i>EBAG9</i>	2.908384971	1.540218245	0.000176154	0.002923876	Up
T	chr12	<i>ZFC3H1</i>	1.71989341	0.782319157	0.001478218	0.013647734	Up

T	chr19	<i>BCKDHA</i>	0.471497884	-1.084676798	0.000304831	0.004360548	Down
T	chr11	<i>SORL1</i>	0.486831412	-1.038505836	6.28E-05	0.001395408	Down
T	chr8	<i>PLAG1</i>	2.985742184	1.578089595	1.32E-05	0.00043963	Up
T	chr16	<i>SMG1</i>	1.552541618	0.634631943	0.006962393	0.039202148	Up
T	chr7	<i>RALA</i>	2.385395878	1.254228715	0.004128883	0.027232257	Up
T	chr10	<i>ZMIZ1</i>	0.348986402	-1.518757271	0.005111203	0.031557384	Down
T	chr16	<i>ZNF646</i>	0.62567285	-0.676519594	0.009457535	0.048733941	Down
T	chr19	<i>ZNF93</i>	Inf	Inf	0.000141594	0.002527	Up
T	chr14	<i>FRMD6</i>	0.457116148	-1.12936731	0.000780412	0.008555674	Down
T	chr7	<i>BAZ1B</i>	1.55895122	0.640575786	0.008154238	0.043790678	Up
T	chr7	<i>ORAI2</i>	0.218592351	-2.193685177	1.61E-08	2.34E-06	Down
T	chr14	<i>PARP2</i>	1.905355309	0.930060056	0.001857006	0.015834313	Up
T	chr5	<i>ERBB2IP</i>	1.944950364	0.959733338	7.03E-05	0.001527663	Up
T	chr17	<i>TRAF4</i>	0.349765529	-1.515539981	0.000186064	0.003045655	Down
T	chr1	<i>LEPROT</i>	0.370487242	-1.43250423	0.000296168	0.004283606	Down
T	chr8	<i>CSMD1</i>	0	#NAME?	0.001736602	0.015237203	Down
T	chr15	<i>RPUSD2</i>	0.447838098	-1.158950829	0.004135131	0.027259689	Down
T	chrX	<i>KDM6A</i>	2.325199828	1.217354707	2.06E-06	0.000114405	Up
T	chr11	<i>PRDM11</i>	0.538402764	-0.893242278	0.007624851	0.04167315	Down
T	chr2	<i>PAPOLG</i>	2.099158496	1.069811101	0.000118043	0.002206283	Up
T	chr17	<i>MED31</i>	Inf	Inf	5.48E-05	0.00126917	Up
T	chr11	<i>TEAD1</i>	0	#NAME?	2.68E-08	3.68E-06	Down
T	chr1	<i>CASQ1</i>	0.057482485	-4.120733751	0.003044595	0.02211569	Down
T	chr12	<i>TPCN1</i>	0.364492313	-1.456039708	0.000365701	0.00498845	Down
T	chr20	<i>PSMF1</i>	0.455838322	-1.13340588	0.000426293	0.005583757	Down
T	chr17	<i>FAM195B</i>	0.280198134	-1.835480749	0.000343712	0.004769242	Down
T	chr17	<i>RHBDF2</i>	0.183903807	-2.442976749	9.18E-07	6.05E-05	Down
T	chr19	<i>TECR</i>	0.535010779	-0.902360137	0.001418159	0.013272099	Down
T	chr1	<i>VANGL2</i>	0.316760217	-1.65853694	1.99E-05	0.000595991	Down
T	chr14	<i>SRSF5</i>	1.545581859	0.628150066	0.007580818	0.041502038	Up
T	chr6	<i>AHI1</i>	2.380729554	1.251403743	0.007308049	0.040570555	Up
T	chr4	<i>ANXA5</i>	1.870051933	0.903078335	0.004447004	0.028806163	Up
T	chr11	<i>CD81</i>	0.531192117	-0.912694359	0.001377253	0.013002562	Down
T	chr11	<i>CD82</i>	0.259760074	-1.944748392	2.00E-05	0.000596039	Down
T	chr1	<i>KIF26B</i>	0.119406279	-3.066049396	0.006502838	0.037521463	Down
T	chr8	<i>SHARPIN</i>	0.384537547	-1.378803622	0.003955308	0.026489195	Down
T	chr17	<i>RND2</i>	0.166610552	-2.585448322	0.009194307	0.047708434	Down
T	chr17	<i>KIAA0195</i>	0.244682627	-2.031016425	5.61E-09	9.76E-07	Down
T	chr9	<i>RPL12</i>	1.942432288	0.957864308	0.006388489	0.037014902	Up
T	chrX	<i>ZFX</i>	2.125242436	1.087627425	2.13E-05	0.000626505	Up
T	chr7	<i>TMEM106B</i>	2.395103553	1.260088033	0.000386784	0.00520204	Up
T	chr19	<i>ZNF699</i>	2.539887211	1.344764433	0.009603181	0.04917822	Up
T	chrX	<i>DDX3X</i>	1.831928503	0.873363199	0.000216303	0.003391695	Up
T	chr2	<i>PRKD3</i>	1.701814823	0.767074064	0.002959205	0.021688645	Up

T	chr7	<i>PRKAR2B</i>	1.683986253	0.751880362	0.00763459	0.041691444	Up
T	chr19	<i>EMC10</i>	0.38649496	-1.371478495	0.00103274	0.010517668	Down
T	chr6	<i>GFOD1</i>	0.200909579	-2.315381742	1.08E-06	6.81E-05	Down
T	chr7	<i>MDH2</i>	0.31413979	-1.670521403	4.14E-09	7.82E-07	Down
T	chr17	<i>CAMTA2</i>	0.361726299	-1.467029604	0.002492368	0.019354424	Down
T	chr8	<i>DLC1</i>	0.095525023	-3.387977491	0.000834363	0.009003386	Down
T	chrX	<i>OCLR</i>	1.76953471	0.823370061	0.005430344	0.032925391	Up
T	chr11	<i>KCNA4</i>	0.066003884	-3.921305268	0.001053829	0.010690711	Down
T	chr21	<i>PSMG1</i>	5.829170138	2.543290511	2.08E-05	0.00061637	Up
T	chr8	<i>GPAA1</i>	0.435286007	-1.199964451	0.001338334	0.012772426	Down
T	chr12	<i>KCNA1</i>	0.169558696	-2.560143315	0.005722862	0.034295113	Down
T	chrX	<i>Cxorf21</i>	2.236086719	1.160976139	0.002377452	0.018752262	Up
T	chrX	<i>Cxorf23</i>	2.325241206	1.21738038	0.004598037	0.029408674	Up
T	chr6	<i>FOXO3</i>	0.263045329	-1.926616665	2.62E-07	2.29E-05	Down
T	chr12	<i>KCNA6</i>	0.016199956	-5.947866266	2.91E-05	0.000777452	Down
T	chr8	<i>CYHR1</i>	0.558624896	-0.840048223	0.00729953	0.040540516	Down
T	chr12	<i>MTERFD3</i>	23.31808762	4.543377569	2.69E-05	0.000731415	Up
T	chr7	<i>ZNF800</i>	1.685249715	0.752962381	0.002446363	0.01908807	Up
T	chr7	<i>AGFG2</i>	0.319712694	-1.645152067	0.000392766	0.005264078	Down
T	chr14	<i>MED6</i>	2.292803678	1.197112829	0.003060252	0.022146029	Up
T	chr9	<i>CAAP1</i>	2.325916907	1.217799558	0.005105112	0.031549643	Up
T	chr1	<i>PIGV</i>	0.420269629	-1.250612893	0.005546842	0.033470908	Down
T	chr11	<i>ABTB2</i>	0.265947899	-1.910784453	0.002708073	0.020469015	Down
T	chr18	<i>LAMA3</i>	0.136547946	-2.872520485	0.000655536	0.007574948	Down
T	chr9	<i>VPS13A</i>	2.233861526	1.159539758	4.24E-06	0.000198769	Up
T	chr15	<i>FSD2</i>	0.111509423	-3.164762471	0.003518219	0.024521841	Down
T	chr1	<i>LRIG2</i>	1.826195703	0.868841379	0.003161479	0.022730093	Up
T	chr8	<i>RAB11FIP1</i>	0.260637927	-1.939881061	0.008137514	0.043742072	Down
T	chr9	<i>PSIP1</i>	1.836621698	0.877054495	0.002948115	0.021656027	Up
T	chr1	<i>SLC27A3</i>	0.040460806	-4.627331146	0.009125385	0.047430191	Down
T	chr2	<i>POTEF</i>	0.584835549	-0.773897087	0.006473339	0.037384323	Down
T	chr2	<i>KCNK12</i>	0.096040957	-3.380206409	8.51E-15	9.92E-12	Down
T	chr4	<i>STIM2</i>	1.922090538	0.942676294	0.005616876	0.033862185	Up
T	chr14	<i>OXA1L</i>	0.386375788	-1.371923405	0.001473868	0.013644623	Down
T	chr8	<i>INTS10</i>	1.800868798	0.848693077	0.004497907	0.028963324	Up
T	chr1	<i>ADAM15</i>	0.296231717	-1.755201978	8.71E-05	0.001766851	Down
T	chr2	<i>VRK2</i>	2.600376282	1.378720401	0.000708835	0.008027307	Up
T	chr22	<i>TMEM184B</i>	0.47871732	-1.062754091	0.006709511	0.038290588	Down
T	chr15	<i>NARG2</i>	2.569640492	1.361566532	0.000287497	0.004190704	Up
T	chr1	<i>ST7L</i>	1.853996038	0.890638161	0.005102274	0.031547045	Up
T	chr20	<i>SUMO1P1</i>	3.175621738	1.667039077	0.00014573	0.002583135	Up
T	chr2	<i>ACTR3</i>	1.552605362	0.634691176	0.007715353	0.042009388	Up
T	chr9	<i>PTENP1</i>	2.038267589	1.027343465	0.000168206	0.002827856	Up
T	chr6	<i>FOXP4</i>	0.233024533	-2.101446245	0.000515194	0.006363919	Down

T	chr16	ZFPM1	0.241482923	-2.050006925	6.49E-07	4.65E-05	Down
T	chr14	NFKBIA	0.579675183	-0.786683372	0.007405258	0.040953367	Down
T	chr5	LOC644936	0.336482841	-1.57139516	9.18E-08	1.01E-05	Down
T	chr6	TBC1D22B	0.510810752	-0.969139202	0.005215185	0.031987448	Down
T	chr12	KLHDC5	0.46054316	-1.118591728	0.002475322	0.019266032	Down
T	chr18	GALNT1	1.707388749	0.771791578	0.001458555	0.01355293	Up
T	chr10	MKI67	2.031275415	1.022385864	0.002600183	0.019930659	Up
T	chr19	VASP	0.538511924	-0.892949805	0.001754395	0.015318914	Down
T	chr15	TLN2	0.319747963	-1.644992925	0.001886776	0.016014885	Down
T	chr6	ASCC3	1.874221559	0.90629151	0.000284681	0.004165685	Up
T	chr17	SENP3	7.01184512	2.80979413	0.001562201	0.014143284	Up
T	chr2	HES6	0.211777577	-2.239378248	0.003907473	0.02630387	Down
T	chr22	CARD10	0.04367421	-4.517074593	1.66E-07	1.61E-05	Down
T	chr7	CROT	1.913595368	0.936285803	0.003211936	0.022998306	Up
T	chr18	OSBPL1A	2.332108386	1.22163484	5.98E-06	0.000249913	Up
T	chr5	KIAA0141	0.491067401	-1.026007041	0.003148902	0.022671402	Down
T	chr1	GMEB1	0.504381087	-0.987413916	0.00126889	0.012234986	Down
T	chr12	MBD6	0.257272472	-1.958630997	1.80E-05	0.000555925	Down
T	chr11	RPLPOP2	0.094378293	-3.405401106	6.11E-12	2.85E-09	Down
T	chr12	SP7	0	#NAME?	0.00110311	0.011061627	Down
T	chr17	PLXDC1	0	#NAME?	0.000424501	0.005571469	Down
T	chr17	TOM1L2	2.621591694	1.390443007	0.006619956	0.037961503	Up
T	chr19	SPHK2	0.388395171	-1.364402832	0.008194662	0.043922581	Down
T	chr12	SCARNA11	0.238500592	-2.067935246	3.65E-06	0.000175059	Down
T	chr12	SOX5	0.271586972	-1.880513822	0.001341574	0.012793985	Down
T	chr11	KCNC1	0	#NAME?	4.53E-05	0.00109609	Down
T	chr2	CHN1	0.118010683	-3.08301063	0.004584574	0.029361977	Down
T	chr11	TRAF6	1.969615362	0.977913919	0.007842512	0.04252428	Up
T	chr1	NCDN	0.35921702	-1.477072385	3.42E-07	2.83E-05	Down
T	chr15	UBE2Q2	2.412806795	1.270712397	2.33E-05	0.000666535	Up
T	chr17	SRP68	0.546199053	-0.872501283	0.000804444	0.008767564	Down
T	chr19	PALM	0.177191246	-2.496620764	0.000113163	0.002145823	Down
T	chr11	ARHGEF12	1.866192108	0.900097506	0.004395392	0.028571146	Up
T	chr2	FASTKD2	7.383896922	2.884382413	0.000650239	0.007547164	Up
T	chr14	SRP54	2.050908333	1.036263011	2.68E-05	0.000731415	Up
T	chr12	EP400NL	Inf	Inf	0.001158168	0.011472639	Up
T	chr3	SMC4	2.265815411	1.180030334	6.78E-06	0.000276502	Up
T	chr2	DNPEP	0.548966949	-0.865208801	0.00454178	0.029216992	Down
T	chr16	USP7	1.549799897	0.632081953	0.008499352	0.045160449	Up
T	chr7	MPLKIP	2.097894512	1.068942137	0.003918719	0.026365237	Up
T	chr19	DUS3L	0.303913397	-1.718267821	0.00020243	0.003224546	Down
T	chr11	FADS3	0.402377397	-1.313378829	0.005540767	0.033449722	Down
T	chrX	ZNF711	16.41181581	4.036662963	0.001344109	0.0128088	Up
T	chr11	ZFPL1	0.398891774	-1.325930724	0.002017501	0.016794444	Down

T	chr11	<i>GPR137</i>	0.362692971	-1.463179307	0.000273491	0.004017982	Down
T	chr4	<i>ZNF330</i>	2.195721705	1.134695213	0.002803115	0.02093271	Up
T	chr2	<i>PREB</i>	0.529111021	-0.918357626	0.001246632	0.012082882	Down
T	chr1	<i>MRPL37</i>	0.343879674	-1.54002425	0.002977289	0.021796699	Down
T	chr3	<i>SLC9A9</i>	0.478148463	-1.064469456	0.000487661	0.006117336	Down
T	chr1	<i>PEAR1</i>	0.342679375	-1.545068732	0.000705354	0.008001787	Down
T	chr7	<i>PNPLA8</i>	3.395423544	1.763591547	1.98E-07	1.84E-05	Up
T	chr6	<i>ZUFSP</i>	1.878155228	0.909316306	0.001894242	0.016067806	Up
T	chr22	<i>PRODH</i>	2.81941418	1.49539543	0.00512667	0.031569414	Up
T	chr9	<i>NOL6</i>	0.523863725	-0.932736528	0.004090255	0.027032154	Down
T	chr2	<i>CCT4</i>	1.707978573	0.772289876	0.007484344	0.041092665	Up
T	chr9	<i>NOL8</i>	2.589576481	1.372716168	0.003829358	0.026006143	Up
T	chr3	<i>RPL24</i>	2.276046716	1.186530169	4.46E-05	0.001085791	Up
T	chr3	<i>RPL29</i>	0.153794356	-2.700925539	0.008984462	0.046865769	Down
T	chr16	<i>DUS2L</i>	0.368755566	-1.43926327	0.001061149	0.010756601	Down
T	chr22	<i>LDOC1L</i>	0.166176311	-2.589213362	0.002605666	0.019950998	Down
T	chr17	<i>TRIM25</i>	0.328108495	-1.607755146	2.71E-05	0.000735821	Down
T	chr1	<i>SEMA4A</i>	0.42361932	-1.239159708	0.008100479	0.043614878	Down
T	chr20	<i>DPM1</i>	1.896138533	0.923064372	0.008818337	0.046386227	Up
T	chr10	<i>MTRNR2L5</i>	0.25255155	-1.985350198	9.13E-15	9.92E-12	Down
T	chr17	<i>ANAPC11</i>	0.417580763	-1.259872841	0.001615938	0.014469137	Down
T	chrX	<i>CHM</i>	2.488736335	1.315413395	0.005210437	0.031973358	Up
T	chr4	<i>PDE5A</i>	3.034728231	1.601567325	0.000725989	0.008136813	Up
T	chr3	<i>KBTBD12</i>	Inf	Inf	0.004325965	0.028246516	Up
T	chrX	<i>MAGT1</i>	2.05107932	1.036383286	0.001265208	0.012208504	Up
T	chr19	<i>WIZ</i>	0.251119797	-1.993552328	0.002391327	0.018804941	Down
T	chr7	<i>RAPGEF5</i>	3.169072907	1.664060851	0.004994784	0.031036294	Up
T	chr4	<i>TMEM128</i>	5.578559381	2.479892606	3.40E-05	0.00087853	Up
T	chr16	<i>TUBB3</i>	0.569808092	-0.811451986	0.00040253	0.005364047	Down
T	chr11	<i>FAU</i>	0.533821031	-0.905571951	0.000103014	0.00200885	Down
T	chr17	<i>CPD</i>	1.672392728	0.741913675	0.009277213	0.048027986	Up
T	chr1	<i>ADAMTSL4</i>	0.047204273	-4.404938725	0.000847393	0.009083882	Down
T	chr17	<i>RABEP1</i>	1.818567252	0.862802279	0.002021817	0.016811103	Up
T	chr6	<i>SNORA29</i>	0.303930382	-1.718187196	1.58E-05	0.000497495	Down
T	chr4	<i>NEK1</i>	1.947282699	0.961462344	0.00228985	0.018259071	Up
T	chr5	<i>RHOBTB3</i>	3.384199036	1.758814421	4.75E-07	3.65E-05	Up
T	chr7	<i>SAMD9L</i>	4.034936565	2.012545992	8.62E-11	2.74E-08	Up
T	chr18	<i>TRAPPC8</i>	1.683819402	0.75173741	0.00358679	0.024837185	Up
T	chr1	<i>ZZZ3</i>	2.005396278	1.00388735	0.000105118	0.002034676	Up
T	chr5	<i>IGIP</i>	1.713149382	0.776650956	0.00785093	0.042542302	Up
T	chr16	<i>MAZ</i>	0.29962342	-1.738777697	7.34E-14	6.38E-11	Down
T	chr7	<i>ZNF394</i>	9.605288952	3.263829015	0.001215671	0.011844395	Up
T	chr9	<i>FBXW5</i>	0.455057181	-1.135880253	0.000341062	0.004738551	Down
T	chr9	<i>RNF20</i>	1.677883095	0.746642201	0.004700799	0.029842641	Up

T	chr17	SCARNA16	0.288249784	-1.794608569	0.000986231	0.010171693	Down
T	chr19	ZBTB7A	0.31851164	-1.650581999	3.91E-06	0.000185312	Down
T	chr6	RGL2	0.54847677	-0.866497576	0.001527502	0.013935517	Down
T	chr5	TNIP1	0.521713896	-0.938669235	0.003599342	0.02488448	Down
T	chr16	CDH8	5.354244705	2.420683076	7.94E-06	0.000307269	Up
T	chr7	LOC407835	0.441306991	-1.180145491	0.001712727	0.015087478	Down
T	chr3	PIK3CA	1.842754792	0.88186411	0.000701624	0.007980915	Up
T	chr19	DHX34	0.356191993	-1.489273009	0.000188253	0.00307378	Down
T	chr9	GCNT1	3.623071287	1.857213192	2.53E-05	0.000705728	Up
T	chr2	FKBP7	Inf	Inf	0.000472481	0.006001933	Up
T	chr12	USP15	1.589830933	0.668873353	0.006012547	0.035589694	Up
T	chr1	SEMA6C	0.297126934	-1.750848707	0.008205567	0.043962969	Down
T	chr14	OSGEP	3.251581586	1.701141623	0.001263456	0.012200628	Up
T	chr8	GEM	0.390287071	-1.357392425	0.000403701	0.005374173	Down
T	chrX	XIST	67.38118069	6.074273803	0.000158597	0.002711742	Up
T	chr20	PLK1S1	2.654415054	1.408393973	0.000265221	0.003931905	Up
T	chr10	ACADSB	3.67388771	1.877307532	0.001949628	0.016370469	Up
T	chr21	GABPA	2.462073619	1.299873901	0.000464207	0.0059141	Up
T	chr2	EIF2AK2	3.302240093	1.723445017	0.001261998	0.012200628	Up
T	chr15	DMXL2	2.892379963	1.532257087	0.000363069	0.004970198	Up
T	chr7	SH2B2	0.287213056	-1.799806765	0.008599233	0.04558537	Down
T	chr2	TLK1	1.836128427	0.876666971	0.001762803	0.015346545	Up
T	chr17	CCL4	0.07080641	-3.819976224	0.003974418	0.026562636	Down
T	chr11	ARAP1	0.441234034	-1.18038402	0.001968084	0.016490442	Down
T	chr2	KCNIP3	15.53701817	3.957637747	0.001667441	0.014798257	Up
T	chr2	HPCAL1	0.469957495	-1.089397815	0.003611863	0.024918224	Down
T	chr16	DHX38	0.600559402	-0.735621144	0.004409873	0.028627803	Down
T	chr16	ST3GAL2	0.476374042	-1.069833293	0.004950852	0.030874193	Down
T	chr17	CCDC43	3.377795633	1.756082043	0.001866151	0.015891517	Up
T	chr17	MYBBP1A	0.522847393	-0.935538176	0.001004268	0.010275831	Down
T	chr17	CCDC47	1.735465088	0.795322343	0.003250537	0.023233967	Up
T	chr11	LMO1	0.306684074	-1.705174845	0.001634204	0.014592621	Down
T	chr7	KDELRL2	0.487352288	-1.036963077	0.000442211	0.005723298	Down
T	chr19	GLTSCR1	0.12637953	-2.984165292	1.43E-09	3.17E-07	Down
T	chr15	SLC28A2	1.799362423	0.8474858	0.007468879	0.041092665	Up
T	chr17	KSR1	0.391845613	-1.351642752	0.003939157	0.02645508	Down
T	chr4	FBXW7	1.857111885	0.893060736	0.001462775	0.013577326	Up
T	chr17	BRCA1	3.036366227	1.60234581	0.000260129	0.003891791	Up
T	chr1	KIAA2013	0.360265848	-1.472866198	0.001100194	0.011040869	Down
T	chr2	SPOPL	1.790255475	0.840165479	0.006240104	0.036522386	Up
T	chr1	HLX	0.121015758	-3.04673317	1.44E-06	8.66E-05	Down
T	chr11	AIP	0.505283453	-0.984835159	0.001823946	0.015706402	Down
T	chr19	HIF3A	0.149226172	-2.744427506	0.00054135	0.006575837	Down
T	chr10	MAP3K8	2.721718462	1.44451784	0.003989384	0.02660813	Up

T	chr10	<i>ARHGAP12</i>	2.783868185	1.477090902	1.24E-05	0.000423021	Up
T	chr8	<i>TMED10P1</i>	0.11715381	-3.093524227	3.04E-06	0.000150694	Down
T	chr12	<i>RAPGEF3</i>	0.204696478	-2.288441817	6.93E-05	0.001513938	Down
T	chr17	<i>HOXB9</i>	0	#NAME?	4.88E-05	0.00115634	Down
T	chr4	<i>RASGEF1B</i>	5.973154323	2.578492996	0.000345901	0.004785391	Up
T	chr2	<i>LRP1B</i>	0	#NAME?	3.37E-06	0.000164473	Down
T	chr11	<i>NPAT</i>	1.725479387	0.786997239	0.009687239	0.049463689	Up
T	chr11	<i>SNORA23</i>	0.228950603	-2.126891733	5.45E-13	3.95E-10	Down
T	chr2	<i>CTDSP1</i>	0.321945613	-1.635111103	9.41E-08	1.02E-05	Down
T	chr10	<i>ADO</i>	0.262806492	-1.92792718	0.000619767	0.007297361	Down
T	chr3	<i>APEH</i>	0.467257971	-1.09770882	7.58E-05	0.001605345	Down
T	chrX	<i>ATP11C</i>	1.811303739	0.857028494	0.000738251	0.008231814	Up
T	chr14	<i>HIF1A</i>	1.698231577	0.764033203	0.004471662	0.028841639	Up
T	chr3	<i>TOPBP1</i>	2.564647316	1.358760444	3.78E-07	3.10E-05	Up
T	chr19	<i>MARK4</i>	0.329003115	-1.603826851	0.008958555	0.046772002	Down
T	chr6	<i>VAR5</i>	0.603153997	-0.729401696	0.00191649	0.016161955	Down
T	chr4	<i>SMARCA5</i>	2.012489686	1.008981389	0.002299268	0.018312731	Up
T	chr2	<i>NRXN1</i>	2.029618482	1.021208562	8.67E-05	0.001764576	Up
T	chr12	<i>ATP2B1</i>	1.585226702	0.664689174	0.009470892	0.048759769	Up
T	chr7	<i>HBP1</i>	1.699222542	0.76487481	0.002223374	0.017938243	Up
T	chr20	<i>PTPRT</i>	0.072899803	-3.777941265	0.009519966	0.048954466	Down
T	chr20	<i>GPCPD1</i>	2.718344281	1.442728187	0.000232951	0.003588051	Up
T	chr16	<i>FBXL16</i>	0.036449902	-4.777941265	0.007270856	0.0404329	Down
T	chr3	<i>DCUN1D1</i>	1.846595339	0.884867751	0.000533603	0.006499892	Up
T	chr11	<i>TCIRG1</i>	0.541897653	-0.883907695	0.003592381	0.024857201	Down
T	chr16	<i>FBXL19</i>	0.377993207	-1.403567787	2.93E-06	0.000146107	Down
T	chr10	<i>SLK</i>	1.806025302	0.852818105	0.000725739	0.008136813	Up
T	chr14	<i>SERPINA1</i>	0	#NAME?	8.68E-05	0.001764576	Down
T	chr5	<i>TAF7</i>	2.44366609	1.289047165	0.00015495	0.002676196	Up
T	chr1	<i>SWT1</i>	3.525138538	1.817679957	4.91E-06	0.000220827	Up
T	chrX	<i>DIAPH2</i>	2.392080979	1.25826623	0.00050078	0.006239895	Up
T	chr5	<i>RASA1</i>	1.721858636	0.783966703	0.001584897	0.014279399	Up
T	chr5	<i>DNAJC21</i>	2.272094559	1.184022878	0.006530205	0.037596228	Up
T	chr1	<i>CACYBP</i>	2.727082502	1.447358347	0.002274108	0.018207089	Up
T	chr17	<i>ATP1B2</i>	0.114592812	-3.125411547	1.57E-07	1.55E-05	Down
T	chr20	<i>PCIF1</i>	0.41139064	-1.281419125	4.75E-07	3.65E-05	Down
T	chr6	<i>HIST1H1B</i>	0.642516761	-0.638194005	0.009281683	0.048032063	Down
T	chr5	<i>TTC37</i>	2.219098477	1.149973692	6.07E-05	0.001360885	Up
T	chr6	<i>HIST1H1E</i>	0.626763827	-0.674006177	0.002580095	0.019818147	Down
T	chr22	<i>RHBDD3</i>	0.095804142	-3.383768157	3.34E-05	0.000865632	Down
T	chr4	<i>RNF4</i>	1.657783975	0.729256022	0.008181012	0.043871687	Up
T	chr2	<i>TCF7L1</i>	0.049980995	-4.322476565	0.000165465	0.00279982	Down
T	chr13	<i>BRCA2</i>	5.498059999	2.458922651	5.43E-07	4.03E-05	Up
T	chr7	<i>GCK</i>	0.026509019	-5.237372883	0.00064788	0.007526482	Down

T	chr12	<i>DHX37</i>	0.316278514	-1.660732541	0.00021523	0.003378929	Down
T	chr5	<i>MATR3</i>	1.843887277	0.882750462	0.000954938	0.009926788	Up
T	chr5	<i>SKP1</i>	1.660890265	0.731956758	0.004203766	0.02755896	Up
T	chr1	<i>ELTD1</i>	1.716526889	0.779492457	0.00137652	0.013002562	Up
T	chr4	<i>CENPC1</i>	Inf	Inf	0.003951639	0.026489195	Up
T	chr22	<i>DESI1</i>	0.280621561	-1.833302235	1.78E-08	2.50E-06	Down
T	chr1	<i>ZNF362</i>	0.282554054	-1.823401205	0.00011305	0.002145823	Down
T	chrX	<i>PHF6</i>	1.578281663	0.658354695	0.009119156	0.047423206	Up
T	chr19	<i>MIR27A</i>	0.084967692	-3.556941818	0.008089785	0.043575283	Down
T	chr9	<i>SH2D3C</i>	0.294116809	-1.765538859	0.00014702	0.002593933	Down
T	chr17	<i>MMD</i>	0.48080802	-1.056467134	0.005820716	0.034706153	Down
T	chr2	<i>EPC2</i>	1.96868868	0.977234987	9.35E-05	0.001868295	Up
T	chr19	<i>TBC1D17</i>	0.349463152	-1.516787752	9.83E-05	0.001943454	Down
T	chr2	<i>TXNDC9</i>	1.928004932	0.947108742	0.00861979	0.045657237	Up
T	chr16	<i>DCTN5</i>	2.01948137	1.013984837	0.002713446	0.020492965	Up
T	chr17	<i>ALKBH5</i>	0.479830336	-1.059403723	0.000317978	0.004523602	Down
T	chr16	<i>PIGQ</i>	0.186555753	-2.422321247	1.02E-07	1.09E-05	Down
T	chr16	<i>PDXDC1</i>	2.253781005	1.172347339	0.00056885	0.00682095	Up
T	chr15	<i>LYSMD2</i>	5.567805009	2.477108687	0.007669686	0.041830568	Up
T	chr14	<i>MTA1</i>	0.527918039	-0.92161413	0.000135413	0.002446812	Down
T	chr19	<i>SIRT2</i>	0.258861606	-1.949747093	0.000164584	0.00279215	Down
T	chr3	<i>CHST2</i>	0.084967692	-3.556941818	0.00743523	0.041048391	Down
T	chr7	<i>GNB2</i>	0.389393928	-1.360697706	7.06E-09	1.20E-06	Down
T	chr2	<i>TTC30A</i>	5.862195415	2.551441061	0.008845959	0.046459091	Up
T	chr20	<i>TPD52L2</i>	1.87288727	0.905264066	0.008181804	0.043871687	Up
T	chr6	<i>VPS52</i>	0.399644508	-1.323210832	2.34E-05	0.000668336	Down
T	chr4	<i>DAPP1</i>	1.599157482	0.67731202	0.007421835	0.040992912	Up
T	chr13	<i>KIAA1704</i>	2.020554237	1.014751078	0.003934419	0.02644432	Up
T	chr11	<i>TSPAN4</i>	0.539662856	-0.889869703	0.007002732	0.039327438	Down
T	chr6	<i>TRMT11</i>	2.403871208	1.265359603	0.000920209	0.009650359	Up
T	chrX	<i>IGBP1</i>	2.089891575	1.063428096	0.003757395	0.025637539	Up
T	chr19	<i>MBD3</i>	0.309465967	-1.692147334	4.19E-06	0.000197305	Down
T	chr20	<i>RBM38</i>	0.42043339	-1.250050844	0.001062634	0.010763295	Down
T	chr20	<i>RBM39</i>	2.21445991	1.146954879	0.000156689	0.002693227	Up
T	chr7	<i>SLC12A9</i>	0.354677591	-1.495419911	0.007298155	0.040540516	Down
T	chr4	<i>TMEM192</i>	0.299271902	-1.740471262	0.004550729	0.029222031	Down
T	chr20	<i>GGT7</i>	0.057482485	-4.120733751	0.007443651	0.041061255	Down
T	chr22	<i>GGA1</i>	0.451723722	-1.146487418	0.00026433	0.003925002	Down
T	chr1	<i>HNRNPR</i>	1.956074142	0.967961055	0.000624565	0.007326292	Up
T	chr12	<i>ERGIC2</i>	2.54193653	1.345928008	0.000372055	0.005045554	Up
T	chr17	<i>MNT</i>	0.422233948	-1.243885519	2.11E-05	0.000621076	Down
T	chr1	<i>LDLRAP1</i>	0.351164266	-1.50978205	1.26E-05	0.000426824	Down
T	chr6	<i>HIST1H3A</i>	0.221521704	-2.174480039	1.21E-11	4.67E-09	Down
T	chr8	<i>RUNX1T1</i>	0.293020104	-1.770928446	0.000373187	0.005055663	Down

T	chr11	<i>SNORA57</i>	0.208998011	-2.258438882	8.39E-07	5.70E-05	Down
T	chr6	<i>HIST1H3C</i>	0.079402936	-3.65466384	1.85E-12	1.10E-09	Down
T	chr6	<i>HIST1H3D</i>	0.221398095	-2.175285287	1.88E-11	7.01E-09	Down
T	chr6	<i>HIST1H3E</i>	0.047204273	-4.404938725	8.76E-06	0.000329439	Down
T	chr6	<i>HIST1H3F</i>	0.144765037	-2.788214883	1.69E-12	1.05E-09	Down
T	chr3	<i>STAG1</i>	2.103094744	1.072513845	1.07E-05	0.000376935	Up
T	chr6	<i>HIST1H3G</i>	0.281869379	-1.826901338	0.000825859	0.008933793	Down
T	chr6	<i>HIST1H3H</i>	0.153544211	-2.703273978	2.11E-21	1.38E-17	Down
T	chr6	<i>HIST1H3I</i>	0.077201552	-3.695226339	0.001234676	0.011984812	Down
T	chr6	<i>HIST1H3J</i>	0.229451451	-2.123739164	0.008761142	0.046199618	Down
T	chr6	<i>ATAT1</i>	0.302759391	-1.723756384	3.29E-05	0.000855333	Down
T	chr7	<i>MIOS</i>	1.831572864	0.873083096	0.002444192	0.019082545	Up
T	chr19	<i>ZNF317</i>	3.91419691	1.968716335	0.000148633	0.002609782	Up
T	chr17	<i>SLC16A11</i>	0.123847587	-3.013362337	1.82E-05	0.000560095	Down
T	chr15	<i>KIAA0101</i>	2.020005355	1.014359117	0.003051783	0.022130939	Up
T	chr19	<i>SPINT2</i>	0.133288441	-2.907376417	0.001495652	0.013741559	Down
T	chr1	<i>SH2D5</i>	0.310803253	-1.685926493	9.79E-06	0.000354916	Down
T	chr5	<i>HOMER1</i>	2.645310799	1.403437235	0.007447413	0.041064647	Up
T	chr11	<i>NCAPD3</i>	2.3579148	1.23751159	5.82E-05	0.001331798	Up
T	chr3	<i>NAT6</i>	0.353011707	-1.502212065	0.000645115	0.007507738	Down
T	chr16	<i>GNAO1</i>	0.177191246	-2.496620764	0.000304479	0.004360303	Down
T	chr3	<i>KLF15</i>	0.031469515	-4.989901226	0.003493539	0.024463578	Down
T	chr11	<i>TRPC6</i>	4.913614902	2.296784793	0.000114795	0.002164191	Up
T	chr6	<i>HLA-DQB1</i>	0.373176901	-1.422068406	0.007772606	0.042250589	Down
T	chr11	<i>RELA</i>	0.469594788	-1.0905117	0.000184262	0.003027322	Down
T	chr12	<i>MLF2</i>	0.594097249	-0.751228987	0.009608714	0.04917822	Down
T	chr6	<i>HIST1H4A</i>	0.202053115	-2.307193499	1.08E-09	2.55E-07	Down
T	chr6	<i>HIST1H4B</i>	0.165704667	-2.593313858	4.66E-13	3.58E-10	Down
T	chr6	<i>HIST1H4C</i>	0.175408328	-2.51121085	0.00506951	0.031374206	Down
T	chr11	<i>MARK2</i>	0.420084802	-1.251247502	0.006817607	0.038704306	Down
T	chr6	<i>HIST1H4F</i>	0.432906813	-1.207871588	0.004281356	0.027975741	Down
T	chr16	<i>TMCS</i>	0	#NAME?	0.000481052	0.006058824	Down
T	chr6	<i>ZNF292</i>	2.157178666	1.109145671	7.38E-06	0.000293489	Up
T	chr6	<i>HIST1H4H</i>	0.182771944	-2.451883462	0.000142906	0.002543453	Down
T	chr6	<i>HIST1H4I</i>	0.230639162	-2.116290595	4.14E-08	5.30E-06	Down
T	chr20	<i>MTRNR2L3</i>	0.45160209	-1.146875932	0.001298951	0.01249594	Down
T	chr2	<i>PMS1</i>	8.633886456	3.11001012	5.08E-09	8.96E-07	Up
T	chr11	<i>LRP5</i>	0.387627903	-1.36725567	0.000387539	0.005206835	Down
T	chr10	<i>SLC29A3</i>	0.327199892	-1.611755824	0.006707624	0.038290588	Down
T	chr2	<i>VP54</i>	2.044167722	1.031513573	6.01E-05	0.00135951	Up
T	chrX	<i>RPS6KA3</i>	2.02888539	1.020687371	4.41E-05	0.001078195	Up
T	chr17	<i>CCR7</i>	0.209788453	-2.252992821	0.00174026	0.015237203	Down
T	chr19	<i>ZNF320</i>	3.772811444	1.91564	0.002879991	0.021347937	Up
T	chr9	<i>ZNF782</i>	13.56281228	3.76158445	0.003872314	0.026175604	Up

T	chr12	<i>NCKAP5L</i>	0.181583901	-2.461291797	2.96E-05	0.000783763	Down
T	chr10	<i>GHITM</i>	2.09791139	1.068953744	0.00012318	0.002279439	Up
T	chr19	<i>PKN1</i>	0.591589147	-0.757332508	0.003357734	0.023770194	Down
T	chr7	<i>POLD2</i>	0.499792562	-1.000598665	0.00069907	0.007972087	Down
T	chr12	<i>NEDD1</i>	1.835175288	0.875917869	0.008332492	0.044496803	Up
T	chr1	<i>CRTC2</i>	0.294726606	-1.762550792	0.001388378	0.013077821	Down
T	chr4	<i>LIMCH1</i>	0	#NAME?	0.004437836	0.028775355	Down
T	chr4	<i>SMARCAD1</i>	2.403252019	1.264987946	1.61E-06	9.43E-05	Up
T	chr7	<i>ZCWPW1</i>	Inf	Inf	2.54E-05	0.000706318	Up
T	chr10	<i>KIF20B</i>	2.421330441	1.275799979	6.50E-05	0.001427769	Up
T	chr3	<i>GOLIM4</i>	2.38510446	1.254052453	0.001836929	0.015745665	Up
T	chr17	<i>MPO</i>	0.31370327	-1.672527526	1.42E-10	4.12E-08	Down
T	chr10	<i>PIK3AP1</i>	0.32547591	-1.619377328	1.24E-07	1.32E-05	Down
T	chr6	<i>FGD2</i>	0.375962735	-1.411338425	8.31E-06	0.000317546	Down
T	chr7	<i>COG5</i>	1.703310017	0.768341041	0.003978491	0.026562636	Up
T	chr6	<i>PM20D2</i>	Inf	Inf	0.004349032	0.028340395	Up
T	chr9	<i>GSN</i>	0.54886775	-0.865469521	0.002948056	0.021656027	Down
T	chr19	<i>LILRB4</i>	0	#NAME?	0.008712651	0.045999694	Down
T	chr8	<i>RNF5P1</i>	0.147947218	-2.756845524	0.000115546	0.002175198	Down
T	chr8	<i>RBM12B</i>	1.82836962	0.870557753	0.001047586	0.010643935	Up
T	chr6	<i>HDAC2</i>	1.761861636	0.81710063	0.002818398	0.02102277	Up
T	chr6	<i>CCND3</i>	0.387164196	-1.368982554	1.46E-05	0.000471867	Down
T	chr8	<i>PSD3</i>	1.898843019	0.92512064	0.003824596	0.025993334	Up
T	chr16	<i>MT1X</i>	0.052256805	-4.258237275	0.003005425	0.021898367	Down
T	chr19	<i>SAMD4B</i>	0.296361331	-1.754570877	5.22E-10	1.34E-07	Down
T	chr19	<i>REXO1</i>	0.35363404	-1.499670945	0.000228051	0.003533426	Down
T	chr19	<i>PPP1R37</i>	0.482188263	-1.052331561	0.002003199	0.016720236	Down
T	chr19	<i>PPP1R12C</i>	0.398654322	-1.326789784	5.78E-05	0.001324732	Down
T	chr5	<i>ZFP2</i>	2.808085183	1.489586701	3.71E-05	0.000942834	Up
T	chr5	<i>HARS2</i>	2.425072009	1.278027587	0.00051804	0.006363919	Up
T	chr12	<i>CMAS</i>	1.786937461	0.837489144	0.003239863	0.023185547	Up
T	chr4	<i>CLOCK</i>	2.200861374	1.138068277	0.006974988	0.039245741	Up
T	chr2	<i>TTC7A</i>	0.482321758	-1.051932202	0.000132205	0.002412146	Down
T	chr11	<i>API5</i>	1.924501645	0.944484904	0.004472295	0.028841639	Up
T	chr1	<i>PLEKHA6</i>	0.320979371	-1.639447513	0.000418083	0.005509409	Down
T	chr19	<i>POU2F2</i>	0.280505407	-1.833899513	7.01E-05	0.001527301	Down
T	chr11	<i>NARS2</i>	2.194024567	1.13357968	0.005025469	0.031175591	Up
T	chr13	<i>IFT88</i>	2.559822201	1.356043607	0.002767586	0.020797793	Up
T	chr3	<i>PDHB</i>	1.799381886	0.847501405	0.003611093	0.024918224	Up
T	chr3	<i>CAPN7</i>	2.572596416	1.363225147	8.72E-07	5.81E-05	Up
T	chr22	<i>GTPBP1</i>	0.570882181	-0.808735062	0.001080164	0.010890122	Down
T	chr7	<i>CHPF2</i>	0.579923306	-0.786065976	0.005876514	0.035006851	Down
T	chr10	<i>SLIT1</i>	0.142310617	-2.812884794	0.007711905	0.042008145	Down
T	chr14	<i>CFL2</i>	2.111312579	1.078140185	0.003628575	0.024967505	Up

T	chr1	<i>VPS72</i>	0.556363469	-0.8459004	0.007417248	0.040984927	Down
T	chr1	<i>IFI44</i>	6.33025073	2.662262643	4.03E-05	0.001006097	Up
T	chr12	<i>GAPDH</i>	0.418816331	-1.255610397	6.46E-07	4.65E-05	Down
T	chr3	<i>RAP2B</i>	0.420313687	-1.250461656	0.000524543	0.006413489	Down
T	chr19	<i>PTOV1</i>	0.432968488	-1.207666068	4.78E-05	0.001139665	Down
T	chr17	<i>SDK2</i>	0	#NAME?	6.32E-05	0.001401491	Down
T	chr15	<i>CASC5</i>	2.080541068	1.056958766	0.000499799	0.006238363	Up
T	chr19	<i>SIPR4</i>	0.270179273	-1.888011092	0.000575523	0.006880093	Down
T	chr14	<i>JAG2</i>	0.247441345	-2.014841514	0.000294176	0.00426424	Down
T	chr20	<i>PREX1</i>	0.429047836	-1.220789586	0.004173398	0.027442616	Down
T	chr19	<i>ZNF358</i>	0.19237578	-2.378000917	2.90E-05	0.000776135	Down
T	chr18	<i>DTNA</i>	0.075414492	-3.729014408	0.0004341	0.005646333	Down
T	chr20	<i>DLGAP4</i>	0.447567048	-1.159824272	0.000109672	0.002104096	Down
T	chr16	<i>ZNF319</i>	0.309598105	-1.691531455	0.000149322	0.002618357	Down
T	chr17	<i>RAI1</i>	0.393665076	-1.344959364	0.003054372	0.022137411	Down
T	chr15	<i>MGA</i>	1.746817202	0.804728644	0.000737127	0.008231814	Up
T	chr2	<i>XPO1</i>	1.955036224	0.967195339	0.001497903	0.013741559	Up
T	chr19	<i>RABAC1</i>	0.397571358	-1.330714268	7.21E-05	0.001558692	Down
T	chr11	<i>DLG2</i>	2.554870952	1.353250422	0.00155904	0.014124474	Up
T	chr1	<i>MPZ</i>	0.041058918	-4.606160578	0.000630656	0.007378953	Down
T	chr6	<i>COL11A2</i>	0.381947845	-1.388552443	0.009268341	0.048001104	Down
T	chr6	<i>HMGA1</i>	0.43568448	-1.198644374	0.000923245	0.009674416	Down
T	chr1	<i>RLF</i>	1.861968421	0.896828605	0.000597076	0.007081317	Up
T	chr5	<i>SNORA74A</i>	0.416727678	-1.262823171	0.00080593	0.00877339	Down
T	chr5	<i>SNORA74B</i>	0.301252403	-1.730955347	1.36E-05	0.000447834	Down
T	chr7	<i>KRIT1</i>	2.496111991	1.319682664	1.27E-06	7.81E-05	Up
T	chr3	<i>U2SURP</i>	2.020531309	1.014734707	0.000119239	0.002222269	Up
T	chr17	<i>FAM117A</i>	0.469584117	-1.090544484	6.93E-06	0.000280829	Down
T	chr2	<i>TIA1</i>	1.962556994	0.972734551	0.000144361	0.002565845	Up
T	chr2	<i>EMILIN1</i>	0.368316449	-1.440982265	7.79E-06	0.000307056	Down
T	chr2	<i>STAM2</i>	2.767301593	1.468479884	0.000893631	0.009478296	Up
T	chr7	<i>MOSPD3</i>	0.128902011	-2.95565332	1.98E-05	0.000592983	Down
T	chr16	<i>SALL1</i>	0	#NAME?	0.000159526	0.00272406	Down
T	chr13	<i>TDRD3</i>	2.068950791	1.048899332	0.00181764	0.015672786	Up
T	chr18	<i>IMPACT</i>	2.783113186	1.476699583	0.006658369	0.038098721	Up
T	chr10	<i>ASAH2</i>	Inf	Inf	0.003751819	0.025612886	Up
T	chr17	<i>TLK2</i>	2.145955739	1.10162032	0.00051805	0.006363919	Up
T	chr2	<i>PUS10</i>	3.750387011	1.907039478	6.15E-08	7.24E-06	Up
T	chr2	<i>GTF3C2</i>	0.554718224	-0.850172972	0.000500178	0.006238363	Down
T	chr2	<i>GTF3C3</i>	1.782507811	0.833908399	0.003278043	0.023369043	Up
T	chr1	<i>GSTM1</i>	0.319469336	-1.646250634	0.000711029	0.008038203	Down
T	chr20	<i>ITCH</i>	1.748792336	0.806358984	0.001422034	0.013289295	Up
T	chr7	<i>PPP1R9A</i>	2.101017862	1.071088427	0.000144632	0.002567172	Up
T	chr1	<i>PADI2</i>	0.184309676	-2.439796281	4.63E-09	8.50E-07	Down

T	chr1	<i>PADI4</i>	0.409677521	-1.287439361	0.000902599	0.009521113	Down
T	chr10	<i>ACTA2</i>	0.362948308	-1.462164004	1.91E-07	1.80E-05	Down
T	chr20	<i>SPATA2</i>	0.307293643	-1.702310171	2.60E-05	0.000716779	Down
T	chr12	<i>PUS1</i>	0.505897569	-0.983082789	0.006960933	0.039202148	Down
T	chr11	<i>CCDC82</i>	6.338890133	2.664230263	4.31E-05	0.00106224	Up
T	chr19	<i>ZNF836</i>	3.029860091	1.599251176	0.000147487	0.002596651	Up
T	chr9	<i>DDX58</i>	2.399015119	1.26244225	0.001584514	0.014279399	Up
T	chr22	<i>BCR</i>	0.400567624	-1.319882274	0.006139064	0.03610921	Down
T	chr6	<i>TAPBP</i>	0.216679417	-2.20636598	1.85E-08	2.57E-06	Down
T	chr21	<i>RWDD2B</i>	3.296253525	1.720827209	0.005038349	0.031225798	Up
T	chr8	<i>ZHX1</i>	1.899105187	0.925319815	0.000302939	0.004349523	Up
T	chr2	<i>STAMPB</i>	0.10777966	-3.213843156	0.001200841	0.011766867	Down
T	chr7	<i>MAFK</i>	0.378275506	-1.402490731	0.006935893	0.039120473	Down
T	chr3	<i>ATP11B</i>	1.773992298	0.826999746	0.000540207	0.006568072	Up
T	chr19	<i>ZNF383</i>	4.320158083	2.111084104	0.001554056	0.014115892	Up
T	chr11	<i>ATM</i>	2.141755732	1.098793949	1.60E-05	0.000501576	Up
T	chrX	<i>ATRX</i>	2.005205127	1.003749828	2.44E-05	0.000690042	Up
T	chr17	<i>LLGL1</i>	0.324017886	-1.625854641	0.000711919	0.008041296	Down
T	chr17	<i>LLGL2</i>	0.278539928	-1.844043948	0.000718764	0.00810458	Down
T	chr2	<i>ALMS1</i>	1.916641081	0.938580196	0.001651315	0.014724931	Up
T	chr1	<i>B4GALT2</i>	0.209931755	-2.252007684	0.008902089	0.046627169	Down
T	chr1	<i>B4GALT3</i>	0.549276469	-0.864395607	0.008839054	0.04644152	Down
T	chrX	<i>ACSL4</i>	1.628353169	0.703413636	0.007790567	0.042330588	Up
T	chr3	<i>GPX1</i>	0.328138823	-1.607621801	7.59E-09	1.27E-06	Down
T	chr12	<i>KCTD10</i>	0.423933329	-1.238090702	0.000737931	0.008231814	Down
T	chr19	<i>ZNF844</i>	2.713055098	1.439918347	0.002762983	0.020775721	Up
T	chr3	<i>CPNE4</i>	0	#NAME?	4.54E-06	0.000208663	Down
T	chr14	<i>ADCY4</i>	0.377658784	-1.404844753	0.000925701	0.009684595	Down
T	chr6	<i>HLA-A</i>	0.559524259	-0.837727413	0.002165058	0.017595063	Down
T	chr6	<i>HLA-B</i>	0.402478034	-1.313018049	5.13E-05	0.001209788	Down
T	chr15	<i>CSK</i>	0.560060369	-0.836345752	0.000440725	0.005709731	Down
T	chr6	<i>HLA-H</i>	0.421681527	-1.245774273	0.006987645	0.039276526	Down
T	chr9	<i>SIGMAR1</i>	0.47622277	-1.07029149	0.006780395	0.03856017	Down
T	chr11	<i>VPS37C</i>	0.359003859	-1.477928744	0.007024394	0.03943212	Down
T	chr5	<i>ZFYVE16</i>	1.809323663	0.855450509	0.007755549	0.042193031	Up
T	chr9	<i>GFI1B</i>	0.413890013	-1.272680657	0.001801899	0.015606735	Down
T	chr5	<i>CLK4</i>	2.38562455	1.254367009	2.73E-06	0.000138067	Up
T	chr20	<i>CENPB</i>	0.50602539	-0.98271832	0.000370401	0.005033602	Down
T	chr9	<i>RXRA</i>	0.336376302	-1.571852025	0.000772569	0.008491096	Down
T	chr4	<i>STAP1</i>	4.017926652	2.006451228	0.000137655	0.002480457	Up
T	chr5	<i>CAPSL</i>	Inf	Inf	0.006170388	0.036260756	Up
T	chr1	<i>TMEM39B</i>	0.331928107	-1.591057297	9.34E-06	0.000344029	Down
T	chr20	<i>ERGIC3</i>	0.615659673	-0.699795022	0.007619453	0.0416611	Down
T	chr17	<i>RHOT1</i>	1.734619331	0.794619092	0.003425293	0.02408582	Up

T	chr1	<i>MYSM1</i>	1.84929532	0.886975632	0.002746323	0.020675597	Up
T	chr18	<i>ALPK2</i>	0.036449902	-4.777941265	0.005809524	0.034686976	Down
T	chr14	<i>EXOC5</i>	1.919272776	0.940559768	0.001197827	0.011766867	Up
T	chr1	<i>DDX20</i>	1.735462559	0.79532024	0.008367072	0.044571995	Up
T	chr22	<i>RAC2</i>	0.378895925	-1.400126472	4.24E-09	7.90E-07	Down
T	chr19	<i>ERF</i>	0.363813198	-1.458730215	0.000116483	0.002186526	Down
T	chr17	<i>ACTG1</i>	0.413569993	-1.273796581	1.44E-08	2.16E-06	Down
T	chr15	<i>TRPM1</i>	0	#NAME?	0.007835611	0.04252428	Down
T	chr17	<i>RUNDC1</i>	0.347038877	-1.526830807	0.002430617	0.019039087	Down
T	chr21	<i>CBR3-AS1</i>	0.046221785	-4.435283205	4.70E-07	3.65E-05	Down
T	chr15	<i>TRPM7</i>	2.048962311	1.034893447	2.06E-05	0.000613332	Up
T	chr11	<i>BCL9L</i>	0.255972237	-1.965940751	0.000680001	0.007809239	Down
T	chr11	<i>FAM160A2</i>	0.407662851	-1.294551601	5.24E-05	0.001226873	Down
T	chr19	<i>LPAR2</i>	0.157967842	-2.662297201	0.000118425	0.002210257	Down
T	chr12	<i>ATN1</i>	0.274679733	-1.864177627	0.0094113	0.048567966	Down
T	chr1	<i>TROVE2</i>	3.951920862	1.982554057	0.001822771	0.015706402	Up
T	chr6	<i>YIPF3</i>	0.40315167	-1.310605397	0.000299658	0.004321319	Down
T	chr6	<i>TTK</i>	4.319839089	2.110977574	8.62E-06	0.000325878	Up
T	chr2	<i>ALS2</i>	3.360679717	1.748753056	7.40E-08	8.32E-06	Up
T	chr1	<i>PLEKHG5</i>	0.2924773	-1.773603437	0.000412651	0.005454353	Down
T	chr14	<i>DAD1</i>	0.547729105	-0.868465551	0.007678434	0.041843414	Down
T	chr1	<i>SRRM1</i>	0.533413385	-0.906674067	0.000269394	0.003975698	Down
T	chr12	<i>ADCY6</i>	0.429538654	-1.219140132	3.25E-05	0.000850085	Down
T	chr10	<i>CHST15</i>	0.461636682	-1.115170228	0.000706551	0.008008393	Down
T	chr8	<i>RHOBTB2</i>	0.499251113	-1.00216245	0.000681568	0.007820349	Down
T	chr5	<i>GM2A</i>	0.134332064	-2.896124394	1.67E-05	0.000520332	Down
T	chr1	<i>WLS</i>	1.949671156	0.963230811	0.000295424	0.004277578	Up
T	chr8	<i>CPSF1</i>	0.596240185	-0.746034482	0.002876032	0.02133071	Down
T	chr19	<i>SHANK1</i>	0.098818989	-3.33906789	1.39E-05	0.000455557	Down
T	chr19	<i>PTBP1</i>	0.524804846	-0.930147054	7.61E-05	0.001606122	Down
T	chr17	<i>KAT2A</i>	0.580828197	-0.783816603	0.002268888	0.018189762	Down
T	chr22	<i>PLXNB2</i>	0.495143672	-1.014080893	0.006375742	0.036967969	Down
T	chr3	<i>NKTR</i>	1.635659691	0.709872618	0.006926772	0.039102842	Up
T	chr22	<i>MICALL1</i>	0.329601809	-1.601203935	0.001072831	0.010832932	Down
T	chr19	<i>DYRK1B</i>	0.294695379	-1.762703659	3.28E-05	0.000855333	Down
T	chr17	<i>SLC9A3R1</i>	0.347503792	-1.524899374	2.03E-06	0.000113144	Down
T	chr5	<i>GRIA1</i>	0.10777966	-3.213843156	0.002411009	0.018902659	Down
T	chr17	<i>UTP18</i>	2.185704662	1.128098473	0.000897516	0.009497112	Up
T	chr4	<i>MFSD10</i>	0.311417797	-1.683076698	5.27E-05	0.001231502	Down
T	chr18	<i>ESCO1</i>	2.227571807	1.155471939	5.36E-05	0.001249809	Up
T	chr8	<i>LPL</i>	13.23771876	3.726582621	0.005274049	0.032212194	Up
T	chr5	<i>TARS</i>	1.764581135	0.819325766	0.005222037	0.031993737	Up
T	chr2	<i>ADD2</i>	0.233567638	-2.098087699	0.002860732	0.021277713	Down
T	chr15	<i>BBS4</i>	2.509468481	1.327381826	0.004272231	0.027937608	Up

T	chr13	<i>ALOX5AP</i>	0.553212345	-0.854094745	0.009038583	0.047072795	Down
T	chr20	<i>GNAS</i>	0.611919992	-0.708585061	0.001443777	0.013453936	Down
T	chr10	<i>EXOC6</i>	1.753568909	0.810294124	0.001627029	0.014548468	Up
T	chr19	<i>CSNK1G2</i>	0.588429402	-0.765058759	0.005481292	0.033167409	Down
T	chr17	<i>ENGASE</i>	0.109254999	-3.194228808	1.86E-05	0.000564003	Down
T	chr14	<i>MYH6</i>	0.080921611	-3.627331146	0.001861204	0.015859742	Down
T	chr17	<i>DNAH2</i>	0.052834216	-4.242383661	4.68E-08	5.87E-06	Down
T	chr2	<i>SIX3</i>	0.029159921	-5.09986936	1.80E-05	0.000555994	Down
T	chr19	<i>KDELR1</i>	0.453959348	-1.139364985	3.80E-05	0.000955	Down
T	chr1	<i>RNU11</i>	0.187780934	-2.412877505	2.58E-20	8.42E-17	Down
T	chr15	<i>NR2F2</i>	0.083794222	-3.577005428	0.000532568	0.006498241	Down
T	chr17	<i>DNAH9</i>	0.407778103	-1.294143789	0.002534495	0.019590815	Down
T	chr1	<i>LOC148709</i>	0.166617025	-2.58539227	0.002431329	0.019039087	Down
T	chr11	<i>RASGRP2</i>	0.410766784	-1.283608571	4.04E-07	3.27E-05	Down
T	chr19	<i>MKMK2</i>	0.410225813	-1.285509819	3.38E-07	2.83E-05	Down
T	chr11	<i>KLC2</i>	0.427440072	-1.226205931	0.004638515	0.029547881	Down
T	chr8	<i>SLC25A32</i>	3.114227907	1.638874528	0.004080782	0.026983214	Up
T	chr17	<i>RPS6KB1</i>	2.184520177	1.127316431	7.24E-05	0.001558692	Up
T	chr4	<i>RFC1</i>	1.800307775	0.848243567	0.001365706	0.012948402	Up
T	chr5	<i>BDP1</i>	1.788682008	0.838896928	0.005412406	0.03285726	Up
T	chr4	<i>DDX60</i>	4.693804851	2.230757862	1.44E-07	1.47E-05	Up
T	chr10	<i>ZSWIM8</i>	0.473343495	-1.079040598	0.000151126	0.002637183	Down
T	chr2	<i>ITGA4</i>	1.659337114	0.730607017	0.003495333	0.024463578	Up
T	chr19	<i>GEMIN7</i>	0.11284246	-3.147618072	2.56E-06	0.000131657	Down
T	chr9	<i>TRIM32</i>	0.511027403	-0.96852744	0.009458404	0.048733941	Down
T	chr2	<i>ITGA6</i>	2.02040103	1.014641682	0.000152081	0.002645397	Up
T	chr11	<i>RAD9A</i>	0.411664598	-1.28045871	0.002773802	0.020809097	Down
T	chr9	<i>FAM78A</i>	0.522936512	-0.93529229	0.005223282	0.031993737	Down
T	chr19	<i>GATAD2A</i>	0.409335485	-1.288644356	8.66E-06	0.000326497	Down
T	chr15	<i>MESDC1</i>	0.321768934	-1.635903049	0.000781422	0.008559555	Down
T	chr11	<i>GVINP1</i>	3.034496272	1.601457048	3.90E-11	1.34E-08	Up
T	chr3	<i>ITGB5</i>	0.412538285	-1.277400082	0.000111792	0.002125996	Down
T	chr8	<i>ARHGAP39</i>	0.426897097	-1.228039742	0.006053991	0.035770091	Down
T	chr15	<i>NEIL1</i>	0.350707193	-1.511661076	0.002442533	0.019081009	Down
T	chr14	<i>KIAA0586</i>	1.867622533	0.9012029	0.008566075	0.045473859	Up
T	chr10	<i>MRPL43</i>	0.277501653	-1.849431729	1.84E-05	0.000560103	Down
T	chr16	<i>PARD6A</i>	0.31934714	-1.646802563	0.000357874	0.00492492	Down
T	chr12	<i>LARP4</i>	2.042371476	1.030245294	8.59E-05	0.001756783	Up
T	chr12	<i>COX14</i>	0.181082923	-2.465277594	0.002306454	0.018358751	Down
T	chr15	<i>MEF2A</i>	1.605476327	0.683001393	0.007409024	0.040956834	Up
T	chr8	<i>FAM92A1</i>	4.030951319	2.01112036	0.002586422	0.019848503	Up
T	chr3	<i>TOP2B</i>	2.30962498	1.207658616	4.54E-07	3.56E-05	Up
T	chr15	<i>VPS13C</i>	1.704752554	0.769562346	0.003581077	0.024810794	Up
T	chr2	<i>ZNF638</i>	1.893278807	0.92088688	0.000155616	0.002680466	Up

T	chr19	<i>ATP4A</i>	0.163338503	-2.61406318	0.000123723	0.00228301	Down
T	chr2	<i>TMEM214</i>	0.442306114	-1.176882909	0.000410866	0.005441782	Down
T	chr3	<i>TMF1</i>	1.929372829	0.948131954	0.001426757	0.013309484	Up
T	chr10	<i>KCNMA1</i>	0.03430579	-4.865404106	0.000110432	0.002113201	Down
T	chr1	<i>MTF2</i>	2.23741452	1.161832566	1.84E-06	0.000105432	Up
T	chr17	<i>GLOD4</i>	2.387167733	1.25529994	0.000698162	0.007968696	Up
T	chr17	<i>UTP6</i>	2.171326496	1.118576676	0.001899002	0.016076821	Up
T	chr3	<i>SLC6A6</i>	0.545983474	-0.873070812	0.000763044	0.008410043	Down
T	chr19	<i>BAX</i>	0.439525004	-1.185982853	0.001070967	0.010822494	Down
T	chr10	<i>SEMA4G</i>	0.295178566	-1.760340129	0.004525446	0.029126277	Down
T	chr7	<i>GPR22</i>	2.749689698	1.45926882	0.000190499	0.003086894	Up
T	chr14	<i>SNORA28</i>	0.15693561	-2.671755347	1.92E-16	3.13E-13	Down
T	chr2	<i>KIAA1841</i>	2.557436955	1.354698675	3.76E-05	0.000948065	Up
T	chr5	<i>SRA1</i>	2.721090023	1.444184687	0.00878936	0.046310981	Up
T	chr7	<i>GNG11</i>	4.25705334	2.089855167	0.008300818	0.044363979	Up
T	chr4	<i>UBA6</i>	1.979228535	0.984938205	0.000415359	0.005484588	Up
T	chr3	<i>CCNL1</i>	1.888926134	0.917566287	0.000195344	0.003152364	Up
T	chr19	<i>TYK2</i>	0.306171293	-1.707589076	2.52E-07	2.23E-05	Down
T	chr19	<i>TMEM145</i>	0.014579961	-6.09986936	2.28E-06	0.0001209	Down
T	chr3	<i>OPA1</i>	1.833452724	0.874563066	0.001416106	0.013262398	Up
T	chr1	<i>IRF2BP2</i>	0.571561421	-0.807019555	0.000475009	0.006028183	Down
T	chr2	<i>STAT1</i>	1.776090571	0.828705153	0.006827731	0.038744922	Up
T	chr2	<i>STAT4</i>	1.658108686	0.729538576	0.006613676	0.037942838	Up
T	chr7	<i>NAA38</i>	0.461597045	-1.115294107	0.003661069	0.025151295	Down
T	chr2	<i>CPSF3</i>	1.819735469	0.863728745	0.001204024	0.011783717	Up
T	chr19	<i>MLLT1</i>	0.534214446	-0.904509106	0.005848885	0.034858182	Down
T	chr7	<i>MRPS33</i>	Inf	Inf	0.000779312	0.008550807	Up
T	chr13	<i>CLN5</i>	3.853838586	1.946296147	0.000730674	0.008182295	Up
T	chr12	<i>LPAR5</i>	0.149552512	-2.741275951	0.000659531	0.0076082	Down
T	chr4	<i>NAA15</i>	1.55778158	0.639492964	0.007532422	0.041318166	Up
T	chr5	<i>IQGAP2</i>	1.978880009	0.984684136	4.80E-05	0.001141234	Up
T	chr10	<i>NDST2</i>	0.600778407	-0.735095133	0.005067244	0.031374206	Down
T	chr18	<i>SMCHD1</i>	1.909364752	0.933092732	0.000153056	0.002651748	Up
T	chr1	<i>LYPLA2</i>	0.382370753	-1.386955918	7.58E-05	0.001605345	Down
T	chr18	<i>NDC80</i>	1.858344041	0.894017617	0.009355731	0.048357712	Up
T	chr9	<i>SNORA65</i>	0.351764276	-1.507319121	6.05E-05	0.00135951	Down
T	chr18	<i>RPRD1A</i>	2.207651308	1.142512321	0.004461129	0.028841639	Up
T	chr14	<i>EIF5</i>	1.655335993	0.727124079	0.008146645	0.043773117	Up
T	chrX	<i>RP2</i>	2.110993713	1.077922282	0.001377752	0.013002562	Up
T	chr8	<i>SYBU</i>	0.134963156	-2.889362475	0.004406149	0.028626802	Down
T	chr10	<i>CNNM2</i>	0.481438978	-1.054575144	0.001660315	0.01476515	Down
T	chr10	<i>SKIDA1</i>	0.278823299	-1.842576972	0.002658517	0.020235127	Down
T	chr17	<i>MLLT6</i>	0.491650755	-1.024294237	0.000447344	0.005776835	Down
T	chr2	<i>MITD1</i>	3.297507341	1.721375871	0.002348424	0.018568202	Up

T	chr7	<i>LHFPL3-AS2</i>	0.373630065	-1.420317544	0.000133684	0.002422659	Down
T	chr22	<i>KIAA1671</i>	0.16363756	-2.611424167	0.006283203	0.036647452	Down
T	chr6	<i>PRRC2A</i>	0.307564794	-1.701037722	0.005931403	0.035237286	Down
T	chr14	<i>HECTD1</i>	1.567651522	0.648604894	0.005712105	0.034246382	Up
T	chr11	<i>PCNXL3</i>	0.236829704	-2.078078055	3.96E-06	0.00018712	Down
T	chr17	<i>GOSR1</i>	2.723063105	1.445230416	0.001194964	0.011747926	Up
T	chr1	<i>GOLPH3L</i>	2.104645414	1.073577192	0.000219207	0.003424873	Up
T	chr2	<i>UGP2</i>	2.024039043	1.01723712	0.000466977	0.005942807	Up
T	chr11	<i>MMP8</i>	0.157531648	-2.666286396	0.009526356	0.048968024	Down
T	chr13	<i>SPG20</i>	3.600390892	1.848153548	0.001083124	0.010903115	Up
T	chr3	<i>TBC1D23</i>	2.298927104	1.200960721	0.00039301	0.005264078	Up
T	chr10	<i>PPRC1</i>	0.343425388	-1.541931398	0.001853737	0.015829846	Down
T	chr14	<i>TMED10</i>	0.405568538	-1.301982355	2.03E-06	0.000113144	Down
T	chr17	<i>RFNG</i>	0.206267061	-2.277414641	0.003499864	0.024469041	Down
T	chr19	<i>ACTN4</i>	0.522881232	-0.935444807	0.007191852	0.040130413	Down
T	chr4	<i>GPM6A</i>	0.203371923	-2.297807577	0.005017083	0.031138374	Down
T	chr22	<i>SH3BP1</i>	0.290317836	-1.784294889	1.31E-05	0.00043963	Down
T	chr9	<i>NAIF1</i>	0.257066822	-1.959784671	0.00199358	0.016655883	Down
T	chr6	<i>CUL9</i>	0.274569194	-1.864758325	5.41E-07	4.03E-05	Down
T	chrX	<i>ABCD1</i>	0.51466658	-0.958289992	0.003258603	0.023255876	Down
T	chr8	<i>RAD54B</i>	4.80273672	2.263856724	7.70E-07	5.34E-05	Up
T	chr6	<i>ABRA1</i>	2.539671713	1.344642021	0.002672397	0.020282226	Up
T	chr5	<i>FAM13B</i>	1.626934986	0.7021566	0.006422453	0.037156239	Up
T	chr2	<i>7-Mar</i>	2.925580987	1.548723156	9.60E-07	6.23E-05	Up
T	chr5	<i>PANK3</i>	1.928792657	0.947698064	0.00526923	0.032197835	Up
T	chr3	<i>PDCD10</i>	2.310777434	1.208378311	0.003402025	0.023964805	Up
T	chr19	<i>TMEM160</i>	0.218582155	-2.193752473	0.004388942	0.028543436	Down
T	chr10	<i>VPS26A</i>	2.110589672	1.077646126	0.000675618	0.007765743	Up
T	chr1	<i>RNASL</i>	5.806494574	2.53766746	0.001134358	0.011340103	Up
T	chr14	<i>MBIP</i>	2.398904882	1.262375955	0.000447676	0.005776835	Up
T	chr16	<i>SNX29</i>	0.498219957	-1.005145282	0.002707957	0.020469015	Down
T	chr8	<i>ARFGF1</i>	1.718246989	0.780937431	0.001038055	0.010563548	Up
T	chr2	<i>SNORA75</i>	0.265272865	-1.914450988	0.000532969	0.006498241	Down
T	chrX	<i>ZNF449</i>	4.287296856	2.100068314	0.000973117	0.010083629	Up
T	chr8	<i>YTHDF3</i>	1.849155318	0.886866408	0.000228321	0.003533426	Up
T	chr20	<i>CHRNA4</i>	0.028322564	-5.141904319	0.003170071	0.022730093	Down
T	chr1	<i>MIER1</i>	1.946848481	0.961140606	0.000266357	0.003942546	Up
T	chr5	<i>PAIP2</i>	1.78506337	0.835975291	0.002099542	0.017283491	Up
T	chr2	<i>ADI1</i>	0.356913531	-1.486353499	0.000235176	0.003604637	Down
T	chr1	<i>PLEKHM2</i>	0.455090544	-1.135774485	0.000493195	0.006170036	Down
T	chr22	<i>IL17RA</i>	0.46683354	-1.099019879	0.007028308	0.039435787	Down
T	chr15	<i>SCARNA14</i>	0.152405801	-2.714010274	4.20E-05	0.001041433	Down
T	chr5	<i>OXCT1</i>	2.915604969	1.543795264	2.50E-07	2.22E-05	Up
T	chr14	<i>STYX</i>	1.949633445	0.963202905	0.002553556	0.019677311	Up

T	chr1	<i>HIST2H3D</i>	0.224113002	-2.157701745	8.23E-11	2.68E-08	Down
T	chr12	<i>SLC48A1</i>	0.473277683	-1.0792412	0.004895188	0.030615628	Down
T	chr10	<i>GLRX3</i>	1.695992787	0.762130034	0.005281189	0.032240707	Up
T	chrX	<i>TXLNG</i>	2.187229117	1.129104354	0.000234584	0.003604637	Up
T	chr11	<i>CD6</i>	0.022430709	-5.478380983	0.000270208	0.00397871	Down
T	chr8	<i>CEBPD</i>	0.024299934	-5.362903766	0.000199136	0.003190947	Down
T	chr15	<i>BNIP2</i>	2.185450917	1.127930977	0.001810776	0.015644624	Up
T	chr5	<i>YTHDC2</i>	1.71497686	0.778189111	0.00540795	0.032845493	Up
T	chr19	<i>STK11</i>	0.433510184	-1.20586221	0.000132524	0.002412146	Down
T	chr17	<i>ATAD5</i>	3.475985523	1.797422074	1.60E-07	1.57E-05	Up
T	chr14	<i>NEMF</i>	1.841633768	0.880986192	0.001256474	0.012169233	Up
T	chr19	<i>RNF126</i>	0.278118082	-1.846230548	9.75E-06	0.000354165	Down
T	chr2	<i>MPHOSPH10</i>	2.501239838	1.322643401	0.000237746	0.003631886	Up
T	chr13	<i>SPRY2</i>	0.480130209	-1.058502385	0.001679736	0.014877008	Down
T	chr18	<i>CEP192</i>	1.782229794	0.833683364	0.003566291	0.024734629	Up
T	chr18	<i>RIOK3</i>	2.701282727	1.433644646	5.65E-07	4.17E-05	Up
T	chrX	<i>ZNF280C</i>	2.476390395	1.308238768	0.000107532	0.002069118	Up
T	chr19	<i>POLRMT</i>	0.202386797	-2.304812921	0.006150175	0.03615826	Down
T	chr2	<i>UBXN4</i>	2.047043019	1.033541421	0.003621584	0.024945715	Up
T	chr3	<i>GATA2</i>	0.444628224	-1.169328565	0.005621055	0.033871724	Down
T	chr18	<i>SMAD2</i>	1.910178847	0.933707722	0.00045937	0.0058812	Up
T	chr3	<i>NT5DC2</i>	0.492616732	-1.021462464	0.000986601	0.010171693	Down
T	chr18	<i>SMAD7</i>	0.400567365	-1.31988321	2.24E-06	0.000120316	Down
T	chr16	<i>SOLH</i>	0.425275586	-1.233530059	0.008957558	0.046772002	Down
T	chr8	<i>EGR3</i>	0.235536239	-2.085979051	0.004770867	0.030082519	Down
T	chr1	<i>CAPZB</i>	0.467776767	-1.096107886	5.14E-06	0.000227871	Down
T	chr4	<i>SPATA5</i>	2.171281818	1.11854699	0.002333395	0.01849421	Up
T	chr1	<i>FAM58BP</i>	0.35321929	-1.501363963	0.008130433	0.043740052	Down
T	chr15	<i>ZNF710</i>	0.382120029	-1.387902216	2.54E-06	0.000130785	Down
T	chr7	<i>TNS3</i>	0.508261084	-0.976358322	0.008225415	0.044051216	Down
T	chr11	<i>CREBZF</i>	1.739336206	0.798536826	0.007544509	0.041355319	Up
T	chr14	<i>ZFHX2</i>	0.252446889	-1.985948198	0.003302067	0.023487442	Down
T	chr12	<i>TARBP2</i>	0.537618699	-0.895344777	0.008376202	0.044602422	Down
T	chr2	<i>SCN9A</i>	0	#NAME?	0.001002003	0.010260695	Down
T	chr9	<i>UBAP2</i>	0.438929528	-1.187938766	5.60E-05	0.001295556	Down
T	chr20	<i>SLC35C2</i>	0.352195376	-1.505552129	2.13E-06	0.000116432	Down
T	chr4	<i>SCLT1</i>	3.612009891	1.852801843	0.003300354	0.023487442	Up
T	chr1	<i>CYP2J2</i>	4.207451956	2.072946798	9.97E-06	0.000359194	Up
T	chr2	<i>MTIF2</i>	3.30202751	1.72335214	2.69E-06	0.000136694	Up
T	chr17	<i>EPX</i>	0.344953273	-1.535527145	0.000195482	0.003152364	Down
T	chr18	<i>PIGN</i>	1.899009869	0.925247403	0.001362499	0.012928752	Up
T	chr3	<i>GTPBP8</i>	5.523268936	2.465522376	0.002746498	0.020675597	Up
T	chr11	<i>EIF3M</i>	1.937412287	0.954130996	0.001499429	0.013741559	Up
T	chr3	<i>NMD3</i>	1.907320339	0.931547168	0.003323921	0.023605808	Up

T	chr12	<i>GLIPR1</i>	2.769563343	1.469658535	0.006301317	0.036647452	Up
T	chr19	<i>JUNB</i>	0.33201462	-1.590681322	4.70E-07	3.65E-05	Down
T	chr19	<i>JUND</i>	0.336880778	-1.569689984	6.20E-06	0.000255819	Down
T	chr10	<i>HNRNPF</i>	1.73754729	0.797052243	0.00954128	0.049006119	Up
T	chr3	<i>FAM208A</i>	2.2747248	1.185692016	3.72E-06	0.000177708	Up
T	chr14	<i>JPH4</i>	0.022430709	-5.478380983	0.000494094	0.006174279	Down
T	chr14	<i>ANGEL1</i>	0.394843421	-1.340647444	0.005911546	0.03518341	Down
T	chr3	<i>CCDC14</i>	7.914308693	2.984463338	0.003672625	0.025217401	Up
D	chr10	<i>EIF3A</i>	1.659276163	0.730554022	0.002638502	0.035710093	Up
D	chr12	<i>PXN</i>	0.405728994	-1.301411691	3.09E-06	0.000335461	Down
D	chr7	<i>C7orf23</i>	0.403550976	-1.309177172	0.001359878	0.023530934	Down
D	chr12	<i>CACNA1C</i>	0.083732634	-3.578066188	0.00238593	0.033157536	Down
D	chr7	<i>TMEM178B</i>	0.049967053	-4.322879068	0.000820947	0.016709663	Down
D	chr5	<i>CAMK2A</i>	0.335255832	-1.576665665	0.000192199	0.006770462	Down
D	chr12	<i>FOXJ2</i>	0.381185333	-1.391435486	0.000545647	0.013039603	Down
D	chr20	<i>SLC9A8</i>	0.550577029	-0.860983676	0.003887064	0.046254261	Down
D	chr3	<i>ETV5</i>	0.40847478	-1.291681089	0.000727802	0.015627214	Down
D	chr1	<i>MAP7D1</i>	0.5278793	-0.92172	0.004136181	0.047629971	Down
D	chr4	<i>G3BP2</i>	1.705173037	0.769918148	0.001956966	0.029334612	Up
D	chr7	<i>SNORA9</i>	0.157777881	-2.664033128	3.50E-21	6.52E-18	Down
D	chr8	<i>ELP3</i>	1.819180435	0.863288644	0.003347767	0.041646614	Up
D	chr2	<i>CEBPZ</i>	2.168437306	1.116655733	6.35E-05	0.00306807	Up
D	chr8	<i>NACAP1</i>	2.504259092	1.324383832	0.00034895	0.009918833	Up
D	chr3	<i>RBM6</i>	1.698340391	0.764125641	0.002392885	0.033211458	Up
D	chr5	<i>DBN1</i>	0.219476276	-2.187863092	0.001720519	0.026883361	Down
D	chr22	<i>ELFN2</i>	0.031353754	-4.995218014	0.000190062	0.006767101	Down
D	chr15	<i>ANXA2</i>	5.009573393	2.324687751	0.000734596	0.015627214	Up
D	chr9	<i>ZNF462</i>	0.420085518	-1.251245043	0.002734226	0.036438662	Down
D	chr14	<i>FBXO33</i>	1.971874126	0.979567461	0.000581199	0.013662883	Up
D	chr10	<i>ATAD1</i>	1.938837435	0.955191843	0.001497316	0.024822729	Up
D	chr19	<i>LENG8</i>	0.548641648	-0.866063951	0.003356679	0.041646614	Down
D	chr3	<i>GMPS</i>	1.885510965	0.914955541	0.001454152	0.024388751	Up
D	chr17	<i>EPN3</i>	0.019147194	-5.70672322	0.000783914	0.01626029	Down
D	chr6	<i>IRF4</i>	17.97738803	4.168111519	0.003204657	0.040345194	Up
D	chr2	<i>SLC5A7</i>	0	#NAME?	0.002740449	0.036447268	Down
D	chr8	<i>NBN</i>	4.712767155	2.236574403	1.78E-05	0.001239292	Up
D	chr9	<i>ADAMTSL1</i>	0.054130974	-4.20740185	0.003554832	0.043386247	Down
D	chr7	<i>SLC4A2</i>	0.493833242	-1.017904141	0.000735091	0.015627214	Down
D	chr2	<i>SPEG</i>	0	#NAME?	1.99E-06	0.00024397	Down
D	chr19	<i>TGFB1</i>	0.32284943	-1.631066615	1.14E-05	0.000885662	Down
D	chr16	<i>SHCBP1</i>	3.448362602	1.785911485	0.00373213	0.044631625	Up
D	chr6	<i>NOL7</i>	2.503560746	1.323981461	0.001534821	0.025283845	Up
D	chr5	<i>IPO11</i>	1.802881658	0.850304701	0.001398404	0.023818513	Up
D	chr15	<i>CTSH</i>	8.120134135	3.021503559	0.000348865	0.009918833	Up

D	chr1	<i>TAS1R1</i>	0.099913011	-3.323183632	1.71E-06	0.000214905	Down
D	chr20	<i>SNORA71D</i>	0.059155411	-4.079346047	6.79E-05	0.003247209	Down
D	chr18	<i>LOXHD1</i>	0.060662361	-4.043054538	0.004467697	0.049991459	Down
D	chr8	<i>GRINA</i>	0.481998555	-1.052899273	0.000498369	0.012222216	Down
D	chr6	<i>PHF1</i>	0.277352405	-1.850207859	2.71E-07	5.35E-05	Down
D	chr1	<i>TTF2</i>	2.334579558	1.223162754	0.002248632	0.031993356	Up
D	chr5	<i>ETF1</i>	1.701187949	0.76654254	0.002674255	0.036044429	Up
D	chr12	<i>ORAI1</i>	0.407365424	-1.29560456	0.003590434	0.04369813	Down
D	chr11	<i>DPAGT1</i>	0.481034749	-1.05578698	0.001415659	0.024007286	Down
D	chr13	<i>TPP2</i>	1.842457043	0.881630983	0.000501546	0.012277045	Up
D	chr5	<i>TCF7</i>	0.350553383	-1.512293939	0.001805285	0.027742701	Down
D	chr1	<i>SYT2</i>	0	#NAME?	0.001410593	0.023963554	Down
D	chr1	<i>SNORD21</i>	0.152506812	-2.713054412	6.21E-09	2.71E-06	Down
D	chr1	<i>PTGER3</i>	Inf	Inf	0.002251709	0.032002225	Up
D	chr1	<i>GRIK3</i>	0	#NAME?	1.13E-06	0.000161961	Down
D	chr17	<i>IGFBP4</i>	0.494881363	-1.014845384	0.00019139	0.006767101	Down
D	chr19	<i>NKPD1</i>	0.059707959	-4.065932925	0.000611662	0.013976093	Down
D	chr7	<i>C7orf63</i>	0	#NAME?	0.000180503	0.006545855	Down
D	chr19	<i>UBA52</i>	0.459948121	-1.12045695	5.26E-06	0.000508422	Down
D	chr18	<i>RBBP8</i>	2.003506641	1.002527292	0.002938505	0.038139954	Up
D	chr19	<i>SLC27A1</i>	0.292635035	-1.772825593	3.79E-05	0.002121862	Down
D	chr2	<i>ANKRD39</i>	0.154659925	-2.692828678	0.001245219	0.021954557	Down
D	chr19	<i>UBA2</i>	2.024536698	1.017591794	0.003016017	0.03884499	Up
D	chr8	<i>EPPK1</i>	0.361896772	-1.466349855	0.003667726	0.044221597	Down
D	chr12	<i>DUSP6</i>	0.482314705	-1.051953297	0.000253982	0.008141768	Down
D	chrX	<i>SNORA69</i>	0.165739113	-2.593013992	0.000525425	0.012676406	Down
D	chr16	<i>RPL3L</i>	0.054130974	-4.20740185	0.001643723	0.026113344	Down
D	chr3	<i>TMEM115</i>	0.459795948	-1.120934344	0.002752043	0.036489745	Down
D	chrX	<i>EFNB1</i>	0.327390885	-1.610913941	0.003021819	0.03888133	Down
D	chr4	<i>SLC4A4</i>	0.098956749	-3.337058088	0.000180617	0.006545855	Down
D	chr10	<i>WAPAL</i>	1.917782344	0.939438993	0.0001157	0.004761954	Up
D	chr16	<i>RNF166</i>	0.428885088	-1.221336939	0.000732057	0.015627214	Down
D	chr15	<i>MEIS2</i>	0.045408885	-4.460881587	6.65E-07	0.000106609	Down
D	chr6	<i>TUBB2B</i>	0.172672024	-2.533893732	0.003206712	0.040345194	Down
D	chr5	<i>CDK7</i>	2.574109679	1.364073526	0.001151803	0.021047016	Up
D	chr19	<i>GTF2F1</i>	2.323497101	1.216297845	0.000578271	0.013618595	Up
D	chr3	<i>CHMP2B</i>	2.814606717	1.49293335	5.22E-05	0.002682987	Up
D	chr22	<i>MED15</i>	0.409385775	-1.288467122	0.000820119	0.016709663	Down
D	chr2	<i>SLC39A10</i>	1.940320378	0.956294884	0.001039349	0.019624287	Up
D	chr12	<i>DNM1L</i>	1.963520189	0.973442432	0.000191359	0.006767101	Up
D	chr6	<i>LTB</i>	0.091448448	-3.450897498	1.03E-05	0.000835388	Down
D	chr9	<i>RPS6</i>	1.751097303	0.808259252	0.001810606	0.027759073	Up
D	chr2	<i>ARHGEF33</i>	0.035103189	-4.832254102	0.000315652	0.009245079	Down
D	chr10	<i>DUSP5</i>	0.314144394	-1.670500261	0.000394026	0.010667311	Down

D	chr6	<i>PHIP</i>	1.842113866	0.881362241	0.000305831	0.009172816	Up
D	chr13	<i>UTP14C</i>	4.486503343	2.165591486	3.90E-06	0.000404329	Up
D	chr5	<i>REEP5</i>	0.458728308	-1.124288155	0.000281875	0.008677571	Down
D	chr3	<i>DOCK3</i>	0.293745536	-1.767361166	0.003092998	0.039563084	Down
D	chr12	<i>HIST4H4</i>	0.038875866	-4.684981392	4.81E-07	8.26E-05	Down
D	chr13	<i>CDK8</i>	2.053860562	1.03833824	0.000835649	0.016929686	Up
D	chr11	<i>STIP1</i>	1.921838848	0.942487367	0.000584096	0.013706298	Up
D	chr11	<i>PRKRIR</i>	5.688473659	2.508041598	3.74E-06	0.000390566	Up
D	chr19	<i>ZNF526</i>	0.237702932	-2.072768398	8.17E-08	2.09E-05	Down
D	chr9	<i>ZDHC12</i>	0.138279816	-2.854337511	0.004074249	0.047376763	Down
D	chr7	<i>PSMC2</i>	1.894802421	0.92204742	0.00395454	0.046543849	Up
D	chr13	<i>TPT1</i>	0.57591329	-0.79607648	0.000593867	0.01381138	Down
D	chr17	<i>BAHCC1</i>	0.311960954	-1.680562627	6.70E-07	0.000106609	Down
D	chr2	<i>MRPL19</i>	4.888626256	2.289429113	7.12E-05	0.003315112	Up
D	chr1	<i>RNF2</i>	1.818303554	0.862593068	0.002701582	0.036254777	Up
D	chr3	<i>H1FX</i>	0.081376338	-3.619246829	1.11E-07	2.58E-05	Down
D	chr17	<i>JUP</i>	0.38745136	-1.367912885	0.001612239	0.025841374	Down
D	chr17	<i>FAM134C</i>	0.468845934	-1.092814174	0.000189909	0.006767101	Down
D	chr11	<i>ZNF143</i>	2.561316912	1.356885769	0.000226441	0.007479427	Up
D	chr11	<i>NRGN</i>	0.278826226	-1.842561828	4.05E-05	0.002192926	Down
D	chr4	<i>LAP3</i>	2.927724093	1.549779601	0.000435018	0.011306124	Up
D	chr7	<i>LRCH4</i>	0.325645048	-1.618627808	1.01E-08	4.10E-06	Down
D	chr14	<i>LRP10</i>	0.441862625	-1.178330189	2.62E-05	0.001620193	Down
D	chrX	<i>ZXDB</i>	0.245065572	-2.028760271	0.004282823	0.04867421	Down
D	chr2	<i>RNU4ATAC</i>	0.115873061	-3.109382893	0.002375225	0.033073171	Down
D	chr2	<i>EML4</i>	1.798156105	0.846518272	0.001024325	0.019453237	Up
D	chr19	<i>MBOAT7</i>	0.479848339	-1.059349596	0.000995683	0.019132063	Down
D	chr7	<i>TSC22D4</i>	0.46123333	-1.116431324	8.15E-05	0.003730261	Down
D	chr16	<i>SH2B1</i>	0.352182868	-1.505603365	1.68E-07	3.53E-05	Down
D	chr11	<i>CARNS1</i>	0.260728914	-1.939377512	0.000475282	0.011924997	Down
D	chr15	<i>VPS18</i>	0.487446618	-1.036683861	0.000659176	0.014713904	Down
D	chr9	<i>GKAP1</i>	15.36236317	3.941328255	1.61E-06	0.000203935	Up
D	chr19	<i>MIDN</i>	0.230153047	-2.119334553	0.000464407	0.011788157	Down
D	chr19	<i>ZNF556</i>	7.585217241	2.9231905	0.00396869	0.046648192	Up
D	chr10	<i>FZD8</i>	0.098288928	-3.346827274	0.000220884	0.00737051	Down
D	chr2	<i>ODC1</i>	1.843529156	0.882470233	0.002728881	0.036423816	Up
D	chr15	<i>KATNBL1</i>	3.154521075	1.657420989	0.002244414	0.031968204	Up
D	chr1	<i>RUNX3</i>	0.292015104	-1.775885102	0.000529144	0.012714068	Down
D	chr10	<i>HELLS</i>	2.094023002	1.06627729	0.001808879	0.027759073	Up
D	chr18	<i>VPS4B</i>	1.827630873	0.869974719	0.00219935	0.031602331	Up
D	chr1	<i>PHC2</i>	0.494951883	-1.014639814	0.001582438	0.025622886	Down
D	chr7	<i>FLJ40852</i>	0.026327392	-5.247291601	1.95E-08	6.19E-06	Down
D	chr16	<i>VPS35</i>	1.89030023	0.918615391	0.0016445	0.026113344	Up
D	chr14	<i>RNF31</i>	0.434371201	-1.202999641	9.08E-05	0.004043132	Down

D	chr7	<i>MPP6</i>	2.181738152	1.125477962	3.17E-05	0.001860143	Up
D	chr5	<i>RASGRF2</i>	0.081196461	-3.62243935	0.001010108	0.019323873	Down
D	chr4	<i>KIAA1239</i>	0.015044224	-6.054646523	0.000191188	0.006767101	Down
D	chr1	<i>HIST3H2BB</i>	0.359373319	-1.476444792	0.001759664	0.027304571	Down
D	chr1	<i>JUN</i>	0.474145527	-1.07659817	0.003798937	0.045347423	Down
D	chr2	<i>SEMA4C</i>	0.33987655	-1.55691727	0.001912594	0.0288815	Down
D	chr19	<i>ZNF569</i>	2.620218713	1.38968724	0.00201773	0.02988118	Up
D	chr15	<i>SLC30A4</i>	2.427280713	1.279340964	0.003716746	0.044529282	Up
D	chr3	<i>PSMD6</i>	2.11263375	1.07904268	0.002278757	0.032281155	Up
D	chr14	<i>VRK1</i>	2.366964803	1.243038253	0.000175795	0.006458144	Up
D	chr9	<i>SPTAN1</i>	1.713178818	0.776675745	0.001620234	0.025886259	Up
D	chr11	<i>NRXN2</i>	0.019147194	-5.70672322	0.000335989	0.00969834	Down
D	chr15	<i>SERF2</i>	0.552782925	-0.855215041	0.000411983	0.010960444	Down
D	chr19	<i>ZNF574</i>	0.42982622	-1.218174603	0.000337959	0.009733661	Down
D	chr19	<i>ZNF579</i>	0.258489624	-1.951821727	0.004153711	0.047708039	Down
D	chr17	<i>FAM171A2</i>	0.165297393	-2.596864121	1.64E-05	0.00118566	Down
D	chr6	<i>PPP1R10</i>	0.58726192	-0.767924003	0.002360565	0.032920652	Down
D	chr6	<i>PPP1R18</i>	0.394415151	-1.342213122	4.24E-05	0.002249598	Down
D	chrX	<i>CYBB</i>	2.253952153	1.17245689	0.002561656	0.035107067	Up
D	chr10	<i>TM9SF3</i>	1.811463025	0.857155359	0.003162583	0.040060403	Up
D	chr21	<i>RRP1B</i>	2.293478277	1.197537243	0.002042342	0.030143028	Up
D	chr1	<i>HIST3H2A</i>	0.20613649	-2.278328184	2.71E-06	0.000301916	Down
D	chr7	<i>FIGNL1</i>	2.822427915	1.496936735	0.000192523	0.006770462	Up
D	chr8	<i>PHF20L1</i>	1.761966846	0.817186778	0.001194367	0.021493665	Up
D	chr15	<i>CLN6</i>	0.41700068	-1.261878357	0.00067008	0.014792784	Down
D	chr11	<i>SBF2</i>	0.374104643	-1.418486225	0.003283132	0.041069055	Down
D	chr1	<i>SF3A3</i>	2.047111366	1.033589589	0.000873622	0.017401744	Up
D	chr2	<i>TTN</i>	0.415519437	-1.26701213	0.000490965	0.012101672	Down
D	chr5	<i>MCTP1</i>	1.923354734	0.943624871	0.0005156	0.012519552	Up
D	chr17	<i>BLMH</i>	1.951189119	0.964353618	0.000396651	0.010714102	Up
D	chr19	<i>BBC3</i>	0.189145096	-2.402434727	0.001391331	0.023791215	Down
D	chr4	<i>C4orf27</i>	2.252998186	1.171846152	0.000751735	0.015793703	Up
D	chr20	<i>MKKS</i>	2.92700795	1.549426664	0.002939887	0.038139954	Up
D	chr16	<i>FBRS</i>	0.328696875	-1.605170352	0.000176217	0.006458144	Down
D	chr19	<i>LTBP4</i>	0.046397977	-4.429794272	0.000304903	0.009166072	Down
D	chr21	<i>USP25</i>	1.659925137	0.731118177	0.004352643	0.048955976	Up
D	chr3	<i>BSN</i>	0.452189314	-1.145001195	0.000162537	0.006058916	Down
D	chr13	<i>KLF5</i>	0.135327434	-2.885473756	0.003430294	0.042283084	Down
D	chr10	<i>PCDH15</i>	0.05132969	-4.284062638	0.001395845	0.023818513	Down
D	chr2	<i>EPHA4</i>	0.238176284	-2.069898327	0.001698	0.026723523	Down
D	chr1	<i>SF3B4</i>	0.492238963	-1.022569236	0.003680893	0.04426232	Down
D	chr8	<i>HOOK3</i>	2.198177006	1.136307563	0.000114268	0.004717899	Up
D	chr12	<i>RFX4</i>	0.048772506	-4.357788094	7.14E-05	0.003315112	Down
D	chr17	<i>TP53</i>	0.505711255	-0.983614209	0.001221193	0.021706959	Down

D	chr7	<i>CCT6P3</i>	7.795836373	2.96270381	0.004320129	0.048758406	Up
D	chr5	<i>NSUN2</i>	2.026816026	1.019215141	0.000126724	0.005056174	Up
D	chr1	<i>TPR</i>	1.963355887	0.973321706	6.60E-05	0.003167826	Up
D	chr7	<i>TPK1</i>	0.358301297	-1.480754827	0.002757826	0.03652929	Down
D	chr9	<i>ERCC6L2</i>	2.281127084	1.189746823	0.001374262	0.023654343	Up
D	chr19	<i>LPHN1</i>	0.485310199	-1.043020917	0.000805784	0.016556014	Down
D	chr12	<i>ACVRL1</i>	0.175562427	-2.509943973	0.003025829	0.038894577	Down
D	chr17	<i>HDAC5</i>	0.513592507	-0.961303939	0.001068206	0.019938315	Down
D	chr15	<i>CLPX</i>	1.847247855	0.885377454	0.002020326	0.02988571	Up
D	chr7	<i>GATAD1</i>	2.09915473	1.069808512	0.001937396	0.029154792	Up
D	chr19	<i>MYADM</i>	0.124883646	-3.001343535	0.002091073	0.030619785	Down
D	chr1	<i>HIST3H3</i>	0.194783939	-2.360053372	4.57E-12	3.31E-09	Down
D	chr8	<i>LOC100500773</i>	2.337844302	1.225178851	0.000776595	0.016134126	Up
D	chr1	<i>HIST2H2AB</i>	0.31310477	-1.675282608	1.06E-07	2.51E-05	Down
D	chr1	<i>ABCD3</i>	2.00961219	1.006917121	0.00152587	0.025200026	Up
D	chr8	<i>ATP6V1H</i>	1.973281832	0.980597023	0.000648552	0.01456396	Up
D	chr12	<i>RECQL</i>	3.643110951	1.865170933	0.00138937	0.023791215	Up
D	chr2	<i>GLS</i>	1.929855728	0.948492999	0.000184239	0.006621933	Up
D	chr3	<i>CMTM7</i>	0.479999598	-1.058894897	1.99E-05	0.001345047	Down
D	chr16	<i>UBALD1</i>	0.248527191	-2.008524392	3.43E-05	0.00194604	Down
D	chr14	<i>LRRC16B</i>	0.245824585	-2.024298886	0.002166089	0.031366226	Down
D	chr19	<i>IER2</i>	0.252173378	-1.987512116	0.000599265	0.013862774	Down
D	chr12	<i>RAP1B</i>	2.927770826	1.54980263	1.24E-05	0.000929414	Up
D	chr6	<i>TFAP2A</i>	0.01985508	-5.654348016	1.54E-06	0.000199433	Down
D	chr11	<i>IPO7</i>	1.944412827	0.959334556	0.000316743	0.009245079	Up
D	chr1	<i>HIST2H2BE</i>	0.342332788	-1.546528616	0.000339704	0.009762382	Down
D	chr11	<i>ZBTB16</i>	0.486572534	-1.03927321	0.002834925	0.037210531	Down
D	chr9	<i>TMEM2</i>	2.454504665	1.295431909	0.000400003	0.010738348	Up
D	chr14	<i>UNC79</i>	0.069139908	-3.854337511	0.000125181	0.005021883	Down
D	chr2	<i>TUBA3D</i>	0.168735516	-2.567164425	0.003418566	0.042229338	Down
D	chr11	<i>APLNR</i>	0	#NAME?	0.000530793	0.012730242	Down
D	chr1	<i>HOOK1</i>	2.156478225	1.108677149	0.002710594	0.036271911	Up
D	chr2	<i>PTPN4</i>	1.919725029	0.940899682	0.000901531	0.017848677	Up
D	chrX	<i>ZDHHC15</i>	0.457691607	-1.127552259	0.002624357	0.035666652	Down
D	chr9	<i>PTPRD</i>	0.252533712	-1.985452103	0.000955078	0.018710069	Down
D	chr6	<i>FBXO30</i>	2.380958173	1.251542277	0.000663124	0.014713904	Up
D	chr17	<i>ADAM11</i>	0.158642508	-2.656148704	3.84E-08	1.09E-05	Down
D	chr9	<i>PLAA</i>	1.827634849	0.869977857	0.00098514	0.019041663	Up
D	chr9	<i>ZBTB6</i>	2.756543935	1.462860596	9.89E-05	0.004287108	Up
D	chr10	<i>MRPS16</i>	0.362382047	-1.464416613	0.001574188	0.025609012	Down
D	chr5	<i>PTCD2</i>	8.655701803	3.113650798	0.000106061	0.004522161	Up
D	chr17	<i>MAPT</i>	0.074634949	-3.74400483	0.001002363	0.019232099	Down
D	chr3	<i>SLC35G2</i>	0.241894275	-2.047551471	0.001762125	0.027304571	Down
D	chr12	<i>OSBPL8</i>	1.813962134	0.85914434	0.000598856	0.013862774	Up

D	chr1	<i>KIRREL</i>	0.05822308	-4.102265024	3.81E-05	0.002126658	Down
D	chr6	<i>RXR8</i>	0.51224551	-0.965092661	0.000488835	0.012079226	Down
D	chr12	<i>MFSD5</i>	0.422378358	-1.243392181	0.002561297	0.035107067	Down
D	chr13	<i>EXOSC8</i>	2.206873535	1.142003958	0.001645219	0.026113344	Up
D	chr2	<i>HNMT</i>	17.57386406	4.135359534	0.000151551	0.005798504	Up
D	chr8	<i>UBE2W</i>	1.889608202	0.918087132	0.002211675	0.031709588	Up
D	chr11	<i>MTRNR2L8</i>	0.22536462	-2.149667048	7.59E-09	3.19E-06	Down
D	chrX	<i>MTRNR2L10</i>	0.147699935	-2.759258907	1.71E-25	5.58E-22	Down
D	chr9	<i>FKTN</i>	3.871444371	1.952871912	0.002797287	0.036939474	Up
D	chr14	<i>CYP46A1</i>	0.016201472	-5.947731319	0.000271183	0.008464399	Down
D	chr7	<i>ING3</i>	2.125782343	1.087993888	0.000909391	0.017973878	Up
D	chr12	<i>CCDC38</i>	0	#NAME?	0.000154593	0.00583473	Down
D	chr4	<i>FAT1</i>	0.062707507	-3.995218014	0.000683363	0.015035145	Down
D	chr8	<i>FAM83H</i>	0.096574442	-3.372214749	0.000453613	0.011604493	Down
D	chr2	<i>MPP4</i>	0	#NAME?	0.001766948	0.027332254	Down
D	chr5	<i>ANKRD32</i>	1.82304786	0.866352437	0.004342468	0.048925891	Up
D	chr11	<i>DDX10</i>	1.993662879	0.995421476	0.002097447	0.030678692	Up
D	chr1	<i>CCT3</i>	2.383857828	1.253298197	0.000304857	0.009166072	Up
D	chr16	<i>COX6A2</i>	0.09214587	-3.439936679	0.002195554	0.031582571	Down
D	chr7	<i>RBM28</i>	2.275467556	1.186163016	0.000661803	0.014713904	Up
D	chr17	<i>SAMD14</i>	0.234698504	-2.091119448	0.00120489	0.021617888	Down
D	chr17	<i>PTRF</i>	0.309410674	-1.692405128	0.001958819	0.029334612	Down
D	chrX	<i>TRO</i>	0.155503462	-2.684981392	0.002318085	0.032625732	Down
D	chr17	<i>DDX52</i>	2.780493152	1.475340784	7.70E-06	0.00065248	Up
D	chr1	<i>PRPF38A</i>	3.167001242	1.663117433	0.000101175	0.004370956	Up
D	chr10	<i>SMC3</i>	1.920639905	0.941587057	0.000194851	0.006833913	Up
D	chr19	<i>EPOR</i>	0.173935134	-2.523378713	0.004244789	0.048495408	Down
D	chr4	<i>NUP54</i>	2.332442051	1.221841238	0.000144124	0.005596391	Up
D	chr19	<i>PSENFEN</i>	0.472232988	-1.082429269	0.000447419	0.01155936	Down
D	chr17	<i>MRPL45</i>	3.460279132	1.790888421	0.001349163	0.023407614	Up
D	chr1	<i>APH1A</i>	0.428764832	-1.221741517	1.56E-06	0.00019953	Down
D	chr12	<i>PITPNM2</i>	0.457238749	-1.128980424	0.002324295	0.032659254	Down
D	chr17	<i>SCN4A</i>	0	#NAME?	7.88E-08	2.06E-05	Down
D	chr2	<i>PABPC1P2</i>	0.130797913	-2.934588576	4.14E-07	7.30E-05	Down
D	chr12	<i>KIAA1033</i>	2.103399247	1.072722715	0.00037682	0.010375857	Up
D	chr12	<i>SUDS3</i>	6.373018377	2.671976821	0.002204434	0.031640544	Up
D	chr2	<i>AFTPH</i>	1.790027613	0.839981843	0.001573703	0.025609012	Up
D	chr2	<i>RNPEPL1</i>	0.418730762	-1.255905184	0.000608081	0.013967653	Down
D	chr19	<i>SPTBN4</i>	0.175581021	-2.509791187	0.00436405	0.049042001	Down
D	chr17	<i>LINC00672</i>	0.060662361	-4.043054538	0.003331968	0.041560404	Down
D	chr16	<i>MTRNR2L4</i>	0.254158248	-1.976201046	5.71E-05	0.002841875	Down
D	chr2	<i>LRPPRC</i>	3.186716253	1.672070566	2.29E-07	4.75E-05	Up
D	chr17	<i>ITGB3</i>	0.43804591	-1.190846015	0.002089809	0.030619785	Down
D	chr11	<i>PAX6</i>	0.324785842	-1.62243935	0.002181767	0.031473683	Down

D	chr5	<i>EFNA5</i>	0	#NAME?	5.64E-06	0.000525975	Down
D	chr13	<i>NUFIP1</i>	4.022225389	2.007993927	0.000364584	0.010154526	Up
D	chr6	<i>CDC5L</i>	1.856400468	0.892507966	0.000569353	0.013454204	Up
D	chr2	<i>CNRIP1</i>	0.301645619	-1.729073465	0.000711575	0.015473202	Down
D	chr8	<i>PTP4A3</i>	0.29752039	-1.748939551	1.69E-08	5.90E-06	Down
D	chr6	<i>VTA1</i>	2.405441054	1.266301446	0.00136817	0.023601179	Up
D	chr10	<i>NCOA4</i>	2.092981011	1.065559222	0.000334331	0.009671884	Up
D	chrX	<i>ZNF674</i>	3.070429175	1.618440325	0.000647637	0.01456396	Up
D	chr17	<i>TOP2A</i>	2.199255312	1.137015096	2.68E-06	0.000301681	Up
D	chr12	<i>GRIN2B</i>	0	#NAME?	0.001587347	0.025663092	Down
D	chr3	<i>HYAL3</i>	0.064957168	-3.944367445	0.003398975	0.042074405	Down
D	chr3	<i>MASP1</i>	0.024386253	-5.357788094	4.27E-05	0.002254949	Down
D	chr19	<i>MIER2</i>	8.015312649	3.002758796	0.003383353	0.041920807	Up
D	chr19	<i>RFX1</i>	0.414229208	-1.27149881	0.002223799	0.03181349	Down
D	chr11	<i>EIF1AD</i>	2.075060336	1.053153286	0.004166996	0.047773988	Up
D	chr14	<i>NDRG2</i>	0.321525423	-1.636995278	0.003114121	0.03960033	Down
D	chr14	<i>MIS18BP1</i>	2.851962426	1.511954975	0.002238239	0.031915089	Up
D	chr9	<i>ZNF658</i>	Inf	Inf	9.97E-08	2.41E-05	Up
D	chr8	<i>PCM1</i>	1.912760563	0.93565629	0.000177159	0.0064745	Up
D	chr12	<i>PA2G4</i>	1.89264926	0.92040708	0.002832437	0.037210531	Up
D	chr3	<i>ABHD14B</i>	0.205030802	-2.286087431	0.000135237	0.005330608	Down
D	chrX	<i>TFE3</i>	0.384757396	-1.377979035	0.000263848	0.008365973	Down
D	chr5	<i>MYO10</i>	0.484458458	-1.045555134	0.002971425	0.03849869	Down
D	chr3	<i>TMPRSS7</i>	0.11622907	-3.10495715	6.10E-05	0.002968578	Down
D	chr16	<i>ATXN2L</i>	0.450114841	-1.151634962	0.003097661	0.039583923	Down
D	chr5	<i>NOP16</i>	2.532814657	1.340741509	0.00323637	0.040626274	Up
D	chr1	<i>C1QB</i>	0.136424961	-2.873820461	0.002303535	0.032517898	Down
D	chr10	<i>IDI1</i>	7.409701297	2.889415385	0.000513413	0.0124972	Up
D	chr9	<i>RMRP</i>	0.467186645	-1.097929062	9.35E-05	0.004133141	Down
D	chr11	<i>TBC1D10C</i>	0.374314926	-1.417675516	1.09E-05	0.00087256	Down
D	chr4	<i>ANK2</i>	0.129103692	-2.953397839	0.001130108	0.020796213	Down
D	chr9	<i>AGTPBP1</i>	2.043919056	1.031338063	0.002162577	0.031366226	Up
D	chr4	<i>SH3TC1</i>	0.20000348	-2.321902989	0.001022166	0.019453237	Down
D	chrX	<i>KIF4A</i>	2.134963693	1.094211536	0.002216442	0.031743044	Up
D	chr8	<i>RNF19A</i>	2.276463558	1.186794364	0.000148926	0.005731676	Up
D	chr13	<i>NAA16</i>	2.007597541	1.005470084	0.001115925	0.020597941	Up
D	chr12	<i>CCDC91</i>	Inf	Inf	0.000639807	0.014442137	Up
D	chr3	<i>ZNF148</i>	1.634833874	0.709144041	0.003936175	0.046436296	Up
D	chr11	<i>MRPL11</i>	6.302812	2.655995631	0.000570259	0.013454204	Up
D	chr20	<i>BLCAP</i>	0.467146407	-1.098053325	0.001614557	0.025846784	Down
D	chr8	<i>PREX2</i>	8.094050784	3.016861901	0.0019525	0.029314457	Up
D	chr7	<i>GUSB</i>	2.730167735	1.44898959	0.000810185	0.016594175	Up
D	chr2	<i>GPN1</i>	2.364180582	1.241340236	0.002139966	0.031230577	Up
D	chr11	<i>CUL5</i>	2.090336917	1.063735492	0.000149448	0.005734865	Up

D	chr5	<i>EGR1</i>	0.166961647	-2.582411359	3.22E-05	0.001874149	Down
D	chrX	<i>GLA</i>	24.42191433	4.610104387	3.03E-05	0.001806261	Up
D	chr15	<i>BLM</i>	2.250040304	1.169950844	6.21E-05	0.003013037	Up
D	chr11	<i>TMEM134</i>	0.408508096	-1.291563424	0.003015518	0.03884499	Down
D	chr2	<i>SNORA80B</i>	0.029263503	-5.094753688	6.96E-05	0.003290883	Down
D	chr13	<i>SNORA31</i>	0.145415235	-2.781749669	1.10E-05	0.00087256	Down
D	chr8	<i>RBPMS</i>	0.463336429	-1.109867979	0.000289552	0.008847277	Down
D	chr6	<i>TMEM63B</i>	0.385823041	-1.373988793	6.41E-05	0.003083854	Down
D	chr7	<i>HEATR2</i>	0.258151777	-1.953708567	0.003859432	0.045985391	Down
D	chr9	<i>POLR1E</i>	5.622135526	2.491118231	0.0005922	0.013797191	Up
D	chr1	<i>ATP13A2</i>	0.37446173	-1.417109812	1.35E-07	3.03E-05	Down
D	chr9	<i>SMC2</i>	1.923488255	0.94372502	0.001132524	0.020811321	Up
D	chr2	<i>MYO3B</i>	0.098788728	-3.33950975	0.000851512	0.017144565	Down
D	chr14	<i>SAMD4A</i>	0.100092896	-3.320588514	0.000364555	0.010154526	Down
D	chr5	<i>FTMT</i>	0.05132969	-4.284062638	0.001258611	0.022130863	Down
D	chr2	<i>SCARNA5</i>	0.128376539	-2.961546526	8.69E-06	0.00071757	Down
D	chr5	<i>CANX</i>	2.009095961	1.006546474	0.000209736	0.007135938	Up
D	chr2	<i>EEF1B2</i>	0.241647037	-2.049026787	7.91E-10	3.97E-07	Down
D	chr2	<i>MCM6</i>	1.791907828	0.84149643	0.000486531	0.01207305	Up
D	chr1	<i>IGSF3</i>	0.193148885	-2.372214749	0.001870744	0.028315079	Down
D	chr7	<i>DNAJC2</i>	2.117189251	1.082150235	0.004019081	0.047079066	Up
D	chr1	<i>IGSF8</i>	0.382192582	-1.387628317	0.000809496	0.016594175	Down
D	chr10	<i>NSMCE4A</i>	2.303755483	1.203987599	0.000318978	0.00928951	Up
D	chr2	<i>HIBCH</i>	3.311369549	1.727428024	0.001620991	0.025886259	Up
D	chr12	<i>SCN8A</i>	0.006008774	-7.378713574	1.73E-11	1.13E-08	Down
D	chr15	<i>LEO1</i>	2.591986048	1.374057953	0.000404998	0.010805736	Up
D	chr2	<i>PIKFYVE</i>	1.94921836	0.962895717	0.000322695	0.009376838	Up
D	chr15	<i>TMC3</i>	0.052692328	-4.246263278	0.000561803	0.013326983	Down
D	chr9	<i>KLHL9</i>	1.654321327	0.726239483	0.004081376	0.047402629	Up
D	chr5	<i>LSP1P3</i>	14.85548194	3.892923505	0.002003512	0.029772009	Up
D	chr15	<i>FURIN</i>	0.343488121	-1.541667889	2.56E-06	0.000290989	Down
D	chr22	<i>MFNG</i>	0.449237841	-1.154448637	0.00069689	0.015281206	Down
D	chr2	<i>DES</i>	0.062707507	-3.995218014	0.000981323	0.019017784	Down
D	chr19	<i>RPS16</i>	0.321284634	-1.638076114	1.33E-06	0.000184706	Down
D	chr2	<i>ATG9A</i>	0.518695057	-0.947041475	0.004011175	0.047062767	Down
D	chr21	<i>MORC3</i>	2.020534221	1.014736786	0.000200805	0.00698948	Up
D	chr8	<i>NUDCD1</i>	2.076003699	1.053809014	0.001611949	0.025841374	Up
D	chr6	<i>COL10A1</i>	0.316754409	-1.658563394	0.000313422	0.009245079	Down
D	chr11	<i>LRFN4</i>	0.309229	-1.693252471	0.004444308	0.049815197	Down
D	chr2	<i>MYT1L</i>	0	#NAME?	4.12E-05	0.002213021	Down
D	chr9	<i>CNTLN</i>	2.073920063	1.052360288	0.001147202	0.021021839	Up
D	chr10	<i>YME1L1</i>	1.900079792	0.926060004	0.004131829	0.047621886	Up
D	chr10	<i>HNRNPA3P1</i>	0.39821359	-1.328385637	0.002547177	0.03498213	Down
D	chr19	<i>GRIK5</i>	0.236008895	-2.083086863	0.000399371	0.010738348	Down

D	chr11	<i>DSCAML1</i>	0.033364299	-4.905551014	2.09E-05	0.001387281	Down
D	chr2	<i>NOP58</i>	2.207027525	1.142104623	0.000655469	0.014681234	Up
D	chr3	<i>ZNF654</i>	2.049344834	1.035162761	0.000773238	0.016098458	Up
D	chr15	<i>CTDSP2</i>	1.711397325	0.77517474	0.002065882	0.030456001	Up
D	chr15	<i>CILP</i>	0.02537038	-5.300711062	0.002325473	0.032659254	Down
D	chrX	<i>GABRA3</i>	0.039904777	-4.647294711	0.00143215	0.024235104	Down
D	chr19	<i>ZNF728</i>	Inf	Inf	0.004300013	0.048712664	Up
D	chr4	<i>PDS5A</i>	1.805264111	0.85220992	0.000417253	0.010997779	Up
D	chr5	<i>PDLIM7</i>	0.341606193	-1.549593964	0.001668384	0.026448853	Down
D	chr6	<i>SSR1</i>	1.892653587	0.920410379	0.000481433	0.012033069	Up
D	chr5	<i>HSPA4</i>	1.824327237	0.867364535	0.001499582	0.024828738	Up
D	chr10	<i>LOC100192204</i>	0.084958558	-3.557096902	5.60E-06	0.000525553	Down
D	chr5	<i>HSPA9</i>	2.12699548	1.088816967	0.000841866	0.017002817	Up
D	chr22	<i>TXN2</i>	0.470933302	-1.086405347	0.002997759	0.038724511	Down
D	chr1	<i>FAM189B</i>	0.325933659	-1.617349751	0.001045749	0.019688156	Down
D	chr9	<i>GNA14</i>	Inf	Inf	0.002170135	0.031389966	Up
D	chr9	<i>PCSK5</i>	0.060662361	-4.043054538	0.002745175	0.036447268	Down
D	chr4	<i>CENPE</i>	2.388930863	1.256365102	0.00010866	0.00456634	Up
D	chr20	<i>SLX4IP</i>	4.617468478	2.207102112	0.002649385	0.035820234	Up
D	chr12	<i>NACA</i>	2.160589487	1.111424985	0.000449477	0.011589566	Up
D	chr16	<i>GPR97</i>	0.39837632	-1.3277962	0.001579373	0.025622886	Down
D	chr8	<i>EPHX2</i>	0.060662361	-4.043054538	0.003636706	0.044055806	Down
D	chr11	<i>CCDC88B</i>	0.337232624	-1.568183985	0.000316238	0.009245079	Down
D	chr5	<i>ERAP1</i>	1.999632656	0.999734993	0.000102863	0.004400188	Up
D	chr14	<i>NOVA1</i>	0.098956749	-3.337058088	0.002703994	0.036254777	Down
D	chr14	<i>PPP1R36</i>	0.019027785	-5.715748561	0.000451177	0.011604378	Down
D	chr5	<i>CAST</i>	3.05910701	1.613110575	0.000602736	0.01390562	Up
D	chr17	<i>SCO1</i>	6.935157477	2.793928642	0.000216994	0.007315565	Up
D	chr15	<i>RPLP1</i>	0.264595002	-1.918142284	5.98E-08	1.59E-05	Down
D	chr1	<i>CSDE1</i>	1.773114791	0.826285939	0.001974286	0.029471978	Up
D	chr6	<i>TDP2</i>	2.379175535	1.250461717	0.000279138	0.008630118	Up
D	chr1	<i>CENPF</i>	2.308013215	1.206651484	0.000390224	0.01060677	Up
D	chr19	<i>ZNF296</i>	0.22471247	-2.153847911	0.001723796	0.026902358	Down
D	chr4	<i>NAF1</i>	2.365094573	1.241897874	0.003128882	0.039749291	Up
D	chr14	<i>SNW1</i>	1.975044683	0.981885293	0.002862519	0.037497274	Up
D	chr12	<i>CCNT1</i>	1.902347839	0.927781063	0.001582896	0.025622886	Up
D	chr9	<i>FAM125B</i>	0.360983999	-1.469993206	2.53E-05	0.001587891	Down
D	chr1	<i>SLC6A17</i>	0	#NAME?	0.001688248	0.026636169	Down
D	chr7	<i>LOC100216545</i>	0.296748084	-1.75268938	0.001456423	0.024388751	Down
D	chrX	<i>CD99L2</i>	Inf	Inf	0.003468921	0.042576682	Up
D	chr16	<i>ATP6VOC</i>	0.505903434	-0.983066064	0.002229425	0.031859049	Down
D	chr12	<i>LTA4H</i>	1.787202505	0.837703113	0.001705556	0.026794934	Up
D	chr1	<i>FAF1</i>	1.867896697	0.90141467	0.000507765	0.012406017	Up
D	chr19	<i>DEDD2</i>	0.315001524	-1.666569287	0.000121495	0.004938136	Down

D	chr1	<i>DENND4B</i>	0.438750476	-1.188527405	0.000207271	0.007109575	Down
D	chr9	<i>LHX2</i>	0.022833342	-5.452714155	0.002023954	0.029905473	Down
D	chr12	<i>ST8SIA1</i>	0.175187222	-2.513030547	1.53E-05	0.001115151	Down
D	chr20	<i>SNORD12</i>	0.297351308	-1.749759674	0.002699793	0.036254777	Down
D	chr2	<i>ZNF513</i>	0.342123269	-1.547411863	2.90E-05	0.001746174	Down
D	chr3	<i>ZBTB20</i>	0.529678196	-0.916811974	0.000466462	0.011790233	Down
D	chr2	<i>PDIA6</i>	3.110184108	1.636999983	0.004019781	0.047079066	Up
D	chr15	<i>HSP90B2P</i>	1.965815756	0.975128113	0.003261218	0.040834086	Up
D	chr13	<i>IPO5</i>	1.748785301	0.80635318	0.000980085	0.019017784	Up
D	chr11	<i>PNPLA2</i>	0.455736572	-1.133727946	0.00121557	0.021666032	Down
D	chr15	<i>SCAMP2</i>	0.494143839	-1.016997041	0.00074564	0.015786445	Down
D	chr7	<i>PLXNA4</i>	0.286773657	-1.80201559	0.000141926	0.005560679	Down
D	chr5	<i>CSF1R</i>	2.059122014	1.04202932	0.003110932	0.03960033	Up
D	chr7	<i>PTPRZ1</i>	0.092795955	-3.429794272	0.001435041	0.024252562	Down
D	chr13	<i>DIS3</i>	2.379694981	1.250776667	1.67E-05	0.001194728	Up
D	chr4	<i>SDAD1</i>	1.919015632	0.940366464	0.003562763	0.043442402	Up
D	chr7	<i>GIGYF1</i>	0.309155887	-1.693593615	0.002498962	0.034428673	Down
D	chr18	<i>TTC39C</i>	4.878253616	2.286364764	0.000386821	0.010558259	Up
D	chr2	<i>HAT1</i>	2.009889599	1.007116258	0.000751467	0.015793703	Up
D	chr1	<i>IL6R</i>	0.078657174	-3.668277842	1.84E-05	0.001274354	Down
D	chr2	<i>CDCA7</i>	1.941012477	0.956809392	0.001567659	0.025609012	Up
D	chr1	<i>SH3BGRL3</i>	0.367397358	-1.444586843	1.69E-08	5.90E-06	Down
D	chr19	<i>ZNF787</i>	0.351154675	-1.509821455	0.001558749	0.025548994	Down
D	chr8	<i>FAM91A1</i>	1.927892378	0.947024517	0.001416848	0.024007286	Up
D	chr2	<i>HNRPLL</i>	1.843755194	0.882647114	0.001169822	0.02122763	Up
D	chr17	<i>ACACA</i>	1.803674523	0.850939024	0.000671926	0.014808487	Up
D	chr17	<i>CLTC</i>	1.603436874	0.681167557	0.004215164	0.048199161	Up
D	chr1	<i>C1orf114</i>	Inf	Inf	0.001942039	0.029190993	Up
D	chr6	<i>POLH</i>	2.28240241	1.190553176	0.001116176	0.020597941	Up
D	chr4	<i>PLK4</i>	2.153048941	1.106381114	0.000264823	0.008365973	Up
D	chr7	<i>ETV1</i>	0.178832521	-2.483318976	0.000170271	0.006311149	Down
D	chrX	<i>TTC3P1</i>	Inf	Inf	0.000419287	0.011029111	Up
D	chr5	<i>LYSMD3</i>	Inf	Inf	5.59E-06	0.000525553	Up
D	chr19	<i>FKRP</i>	0.295213847	-1.7601677	0.000494253	0.012144096	Down
D	chr19	<i>SNORD33</i>	0.16004585	-2.643442826	0.000354146	0.010022866	Down
D	chr7	<i>WDR91</i>	0.521245063	-0.939966281	0.001712951	0.026797211	Down
D	chrX	<i>PLP2</i>	0.333391603	-1.584710326	2.58E-05	0.001602081	Down
D	chr1	<i>FUBP1</i>	2.074876878	1.05302573	0.000224402	0.00744638	Up
D	chrX	<i>MTMR1</i>	2.532895287	1.340787436	1.07E-05	0.000860404	Up
D	chr16	<i>MON1B</i>	0.367383537	-1.444641115	0.004312342	0.048712664	Down
D	chr2	<i>ST3GAL5</i>	0.29506924	-1.760874562	0.002820247	0.037129928	Down
D	chr20	<i>TPX2</i>	1.893144514	0.920784544	0.003892633	0.046254261	Up
D	chr20	<i>CSE1L</i>	1.653315813	0.725362331	0.003809133	0.045427565	Up
D	chr3	<i>IL1RAP</i>	5.885727168	2.557220668	2.92E-06	0.000320281	Up

D	chr11	<i>INTS4</i>	2.740508113	1.454443405	5.10E-06	0.000496239	Up
D	chr11	<i>INTS5</i>	0.574475976	-0.799681533	0.002730321	0.036423816	Down
D	chr17	<i>PSMC5</i>	2.149804794	1.104205667	0.000358686	0.010085738	Up
D	chr5	<i>SKIV2L2</i>	1.733598434	0.793769755	0.002849213	0.037360484	Up
D	chr14	<i>PSMA3</i>	1.838644747	0.878642757	0.002905381	0.037906511	Up
D	chr22	<i>3-Sep</i>	0.195090023	-2.357788094	0.00137651	0.023661834	Down
D	chr7	<i>MACC1</i>	0.141173388	-2.824459935	0.000223722	0.007446182	Down
D	chr3	<i>RFC4</i>	1.950304743	0.963699568	0.003050069	0.039129055	Up
D	chr13	<i>AKAP11</i>	1.911496173	0.934702312	0.000986881	0.019047095	Up
D	chr1	<i>ZRANB2</i>	2.279908362	1.188975838	0.001710497	0.026797211	Up
D	chr19	<i>CD37</i>	0.510849348	-0.9690302	0.002259104	0.032072398	Down
D	chr1	<i>CCDC18</i>	4.141613152	2.050192805	2.54E-06	0.000290339	Up
D	chr4	<i>SNORA26</i>	0.109738138	-3.187863092	6.74E-06	0.000591621	Down
D	chr11	<i>SIDT2</i>	0.543964916	-0.878414489	0.000668837	0.014790363	Down
D	chr8	<i>XKR6</i>	0.070206377	-3.832254102	8.92E-07	0.000133711	Down
D	chr19	<i>SF3A2</i>	0.393259607	-1.346446085	0.001471127	0.024544499	Down
D	chr14	<i>SLC7A8</i>	0.198954389	-2.329490369	1.47E-07	3.15E-05	Down
D	chr6	<i>PEX6</i>	0.459900841	-1.120605259	0.000416244	0.010993391	Down
D	chr2	<i>PSD4</i>	0.524640048	-0.930600157	0.002395339	0.033211458	Down
D	chr14	<i>TMEM121</i>	0.169192707	-2.563260714	0.001066517	0.019935308	Down
D	chr1	<i>COG2</i>	6.010502352	2.587485575	4.79E-05	0.002489964	Up
D	chrX	<i>MPC1L</i>	0.054130974	-4.20740185	0.000980187	0.019017784	Down
D	chr20	<i>EIF2S2</i>	2.508723552	1.326953502	0.002803419	0.036983016	Up
D	chr2	<i>ROCK2</i>	1.688668314	0.755885983	0.002636348	0.035710093	Up
D	chr10	<i>EBF3</i>	0	#NAME?	2.76E-06	0.000305069	Down
D	chr5	<i>PAM</i>	1.902529405	0.927918751	0.001993254	0.0296872	Up
D	chr19	<i>PLD3</i>	0.330110404	-1.598979487	1.44E-05	0.001060995	Down
D	chr12	<i>HSP90B1</i>	2.782609634	1.476438531	0.000210025	0.007135938	Up
D	chr11	<i>ACAD8</i>	3.089445648	1.627347993	0.000346053	0.009879557	Up
D	chr17	<i>ABCA5</i>	0.153928631	-2.699666491	7.14E-06	0.000620973	Down
D	chr2	<i>SGOL2</i>	6.156494482	2.622109112	0.003356497	0.041646614	Up
D	chrX	<i>SUPT20HL2</i>	0.009513892	-6.715748561	9.45E-14	1.12E-10	Down
D	chr1	<i>ELAVL4</i>	0.06318574	-3.984257195	0.00023015	0.007563629	Down
D	chr16	<i>ABCA3</i>	0.533616891	-0.906123761	0.004126836	0.047621886	Down
D	chr2	<i>SOCS5</i>	0.463027286	-1.110830882	0.004401978	0.049425647	Down
D	chr3	<i>KIF15</i>	2.386985367	1.255189723	8.76E-05	0.003939338	Up
D	chr1	<i>AGBL4</i>	0	#NAME?	0.001183929	0.021437632	Down
D	chr10	<i>ACSL5</i>	1.949860428	0.963370859	0.004131341	0.047621886	Up
D	chr6	<i>C6orf170</i>	4.907460249	2.294976582	8.96E-05	0.004018689	Up
D	chr1	<i>EPRS</i>	2.145199879	1.101112077	1.24E-05	0.000929414	Up
D	chr22	<i>PLA2G6</i>	0.373113737	-1.422312619	0.000109285	0.004570006	Down
D	chr1	<i>C1orf174</i>	Inf	Inf	0.004034393	0.0471233	Up
D	chrX	<i>IQSEC2</i>	0.407605515	-1.294754523	0.003925289	0.046395625	Down
D	chr2	<i>KIF1A</i>	0.226998388	-2.139246043	0.001058806	0.01984804	Down

D	chr2	<i>CNTNAP5</i>	0.092411064	-3.435790606	0.00040388	0.010805736	Down
D	chr17	<i>ABCC3</i>	0.252724735	-1.984361222	0.004029528	0.047108644	Down
D	chr16	<i>SNORA46</i>	0.027139982	-5.203436448	4.29E-09	2.07E-06	Down
D	chr1	<i>PIAS3</i>	0.410345983	-1.285087266	0.000376957	0.010375857	Down
D	chr5	<i>FAM53C</i>	0.464710385	-1.105596209	0.00015614	0.00585764	Down
D	chr2	<i>BUB1</i>	3.335539835	1.737920271	1.34E-06	0.000184706	Up
D	chrX	<i>RRAGB</i>	2.198540112	1.136545854	0.002981761	0.038594276	Up
D	chr9	<i>PIGO</i>	0.444987015	-1.168164858	0.00272047	0.03636678	Down
D	chr5	<i>TENM2</i>	0.023102766	-5.435790606	1.95E-05	0.001333045	Down
D	chr16	<i>SNORA50</i>	0.271487285	-1.881043463	0.002386367	0.033157536	Down
D	chr11	<i>HBE1</i>	0.098956749	-3.337058088	0.001196513	0.02150262	Down
D	chr17	<i>PKD2</i>	0.329098041	-1.603410658	0.00012548	0.005021883	Down
D	chr4	<i>TENM3</i>	0.047788379	-4.387196367	0.000153756	0.00583473	Down
D	chr12	<i>H2AFJ</i>	0.202745049	-2.302261412	2.49E-13	2.71E-10	Down
D	chr21	<i>SIK1</i>	0.449066537	-1.154998874	0.001458054	0.024388751	Down
D	chr2	<i>CCDC88A</i>	1.770289957	0.82398568	0.00346164	0.042567411	Up
D	chr2	<i>SLC4A5</i>	0.036579379	-4.772825593	0.000959396	0.018766486	Down
D	chr9	<i>HNRNPK</i>	1.675555239	0.744639249	0.002680834	0.036058593	Up
D	chr12	<i>LOC400027</i>	0.193148885	-2.372214749	0.000804654	0.016556014	Down
D	chr6	<i>TTBK1</i>	0.26763393	-1.901667068	0.003169472	0.040108728	Down
D	chr17	<i>CASKIN2</i>	0.281461062	-1.828992745	1.76E-06	0.000218792	Down
D	chr1	<i>DHX9</i>	1.642891375	0.716237095	0.003296844	0.041201073	Up
D	chrX	<i>FMR1</i>	1.929798375	0.948450123	0.000620253	0.01414763	Up
D	chr6	<i>IBTK</i>	1.768356632	0.822409258	0.002781581	0.036769286	Up
D	chr2	<i>PNO1</i>	3.620277609	1.85610033	3.29E-05	0.001905088	Up
D	chr7	<i>KIAA1324L</i>	6.999621785	2.80727697	0.001022985	0.019453237	Up
D	chr4	<i>LEF1</i>	0.197766184	-2.338132332	0.000242929	0.007864747	Down
D	chr1	<i>CEP350</i>	1.857089799	0.893043578	0.000394086	0.010667311	Up
D	chr1	<i>ODF2L</i>	3.720269304	1.895407059	0.002361011	0.032920652	Up
D	chr12	<i>RHEBL1</i>	0.326446557	-1.615081271	0.002267107	0.032151032	Down
D	chr2	<i>KIF5C</i>	0.050648371	-4.30334031	1.40E-06	0.000185762	Down
D	chr15	<i>ATP8B4</i>	2.346752714	1.230665828	2.00E-06	0.00024397	Up
D	chr1	<i>CHD1L</i>	2.057185203	1.040671682	0.004250546	0.048518698	Up
D	chr17	<i>TMC8</i>	0.254617746	-1.973595123	0.000656025	0.014681234	Down
D	chr20	<i>RBL1</i>	1.8889726	0.917601775	0.000659786	0.014713904	Up
D	chr6	<i>PAK1IP1</i>	3.787555597	1.921267066	0.000610722	0.013976093	Up
D	chr22	<i>TTC28</i>	0.402293414	-1.313679975	0.00018281	0.006588731	Down
D	chr9	<i>GRHPR</i>	0.309038215	-1.694142844	0.002450559	0.033869109	Down
D	chr10	<i>IFIT2</i>	5.512990254	2.462835051	0.001819946	0.027804256	Up
D	chr19	<i>ELAVL3</i>	0.072568282	-3.784517065	0.000792686	0.0163642	Down
D	chr6	<i>SYNCRIP</i>	1.677567447	0.746370771	0.001801327	0.027714516	Up
D	chr2	<i>METTL5</i>	3.841655469	1.94172814	5.75E-05	0.002851842	Up
D	chr2	<i>PRPF40A</i>	2.034862269	1.024931148	5.33E-05	0.002708253	Up
D	chr1	<i>DTL</i>	1.819368592	0.863437853	0.001544561	0.025348281	Up

D	chr1	<i>QSOX1</i>	0.394529842	-1.341793666	0.001572976	0.025609012	Down
D	chrX	<i>CNKSR2</i>	0.03805557	-4.715748561	0.000313863	0.009245079	Down
D	chr13	<i>HS6ST3</i>	0	#NAME?	8.65E-05	0.003909833	Down
D	chr5	<i>XRCC4</i>	5.046689044	2.335337196	0.000124296	0.005005201	Up
D	chr19	<i>SCAF1</i>	0.359018255	-1.477870892	0.000569866	0.013454204	Down
D	chr3	<i>TOMM70A</i>	2.14304757	1.099663874	0.000773644	0.016098458	Up
D	chr19	<i>FZR1</i>	0.514305794	-0.959301687	0.001127604	0.020779441	Down
D	chr5	<i>FST</i>	0.039491087	-4.6623291	0.000267963	0.008408185	Down
D	chr5	<i>PCDHGA4</i>	0.178832521	-2.483318976	0.000312662	0.009245079	Down
D	chr8	<i>ZNF703</i>	0.062073114	-4.009887674	2.50E-08	7.58E-06	Down
D	chr17	<i>CDC27</i>	1.679897333	0.748373065	0.003190538	0.040258171	Up
D	chr19	<i>ZNF426</i>	2.83484959	1.503272192	0.000748981	0.01578668	Up
D	chr12	<i>SOAT2</i>	0.248017954	-2.011483536	0.002741782	0.036447268	Down
D	chr13	<i>DNAJC3</i>	2.322973077	1.215972433	0.000134205	0.005324632	Up
D	chr19	<i>LIN37</i>	0.427036731	-1.227567927	0.004302044	0.048712664	Down
D	chr3	<i>KPNA1</i>	1.726141099	0.787550399	0.00282848	0.03720078	Up
D	chr17	<i>ZBTB4</i>	0.449727597	-1.15287668	0.000385867	0.01055432	Down
D	chr1	<i>DNTTIP2</i>	3.124154495	1.643465799	2.34E-05	0.001520336	Up
D	chr16	<i>CBFA2T3</i>	0.2362948	-2.081340214	0.003956245	0.046543849	Down
D	chrX	<i>TMEM164</i>	0.473967179	-1.077140934	3.95E-05	0.002173266	Down
D	chr16	<i>CTCF</i>	1.718582337	0.781218972	0.001518636	0.025112354	Up
D	chr11	<i>NUDT8</i>	0.209280082	-2.256493083	0.001189475	0.021493665	Down
D	chr2	<i>ZC3H15</i>	2.068594725	1.048651023	0.001441028	0.024290822	Up
D	chr1	<i>PLA2G4A</i>	1.88104234	0.911532323	0.002765815	0.036597957	Up
D	chr10	<i>HHEX</i>	0.333233944	-1.58539273	0.000108847	0.00456634	Down
D	chr19	<i>ARHGAP33</i>	0.303233939	-1.721496859	2.42E-05	0.001539584	Down
D	chr15	<i>EDC3</i>	0.431032288	-1.214132153	0.001225285	0.021750056	Down
D	chr19	<i>ZNF440</i>	10.00733726	3.32298625	0.000313063	0.009245079	Up
D	chr12	<i>NUP37</i>	5.245641517	2.391119218	7.32E-06	0.000628076	Up
D	chr6	<i>SENP6</i>	1.768163094	0.822251354	0.001342062	0.023315426	Up
D	chr5	<i>SLU7</i>	2.0976114	1.068747432	0.003722836	0.044561319	Up
D	chr7	<i>HOXA11</i>	0	#NAME?	0.001102898	0.020439643	Down
D	chr15	<i>SNORD16</i>	0.249613997	-2.002229261	0.000139275	0.005473272	Down
D	chr9	<i>CCL27</i>	0.063972814	-3.966397251	0.000589329	0.013754868	Down
D	chr15	<i>UBE3A</i>	1.898930652	0.92518722	0.001292792	0.022559327	Up
D	chr4	<i>HSP90AB2P</i>	1.714820898	0.778057904	0.003611877	0.043836429	Up
D	chr1	<i>SKI</i>	0.444554752	-1.169566982	0.000937663	0.018396516	Down
D	chr2	<i>UGGT1</i>	1.68162778	0.749858407	0.003109398	0.03960033	Up
D	chr17	<i>SPNS2</i>	0.414349771	-1.27107897	6.89E-07	0.000108349	Down
D	chr11	<i>SIPA1</i>	0.454645019	-1.137187549	9.03E-05	0.004034111	Down
D	chr5	<i>FAM174A</i>	5.944954707	2.571665819	0.000415977	0.010993391	Up
D	chr1	<i>PYGO2</i>	0.333583221	-1.58388137	0.00105282	0.019792718	Down
D	chr4	<i>IDUA</i>	0.351636278	-1.507844175	0.003663159	0.044221597	Down
D	chr11	<i>PITPNM1</i>	0.388657444	-1.363428948	3.86E-05	0.002145254	Down

D	chr16	<i>RANBP10</i>	0.462166026	-1.113516885	0.000261168	0.008310874	Down
D	chr7	<i>MET</i>	4.882611438	2.287652972	4.20E-07	7.30E-05	Up
D	chr7	<i>KCNH2</i>	0.234376614	-2.093099468	5.45E-05	0.002744137	Down
D	chr16	<i>SPNS1</i>	0.398772775	-1.326361177	0.000586458	0.013737015	Down
D	chr7	<i>SNORA22</i>	0.06318574	-3.984257195	3.97E-05	0.002175426	Down
D	chr3	<i>TRNT1</i>	3.50965506	1.811329245	0.00111041	0.020549672	Up
D	chr11	<i>ZBTB3</i>	0.342747158	-1.544783393	0.001239609	0.021914883	Down
D	chr11	<i>RBM14</i>	0.438633731	-1.188911336	0.000307773	0.009209886	Down
D	chr1	<i>LPGAT1</i>	3.168602745	1.663846797	6.06E-06	0.000553295	Up
D	chr6	<i>F13A1</i>	3.997776804	1.999197929	4.26E-06	0.000428023	Up
D	chrX	<i>BHLHB9</i>	3.771600373	1.915176821	1.53E-06	0.000199433	Up
D	chr12	<i>TMTC3</i>	2.79101558	1.480790178	0.000711455	0.015473202	Up
D	chr4	<i>SRP72</i>	1.752269768	0.8092249	0.002927248	0.038139954	Up
D	chrX	<i>SRPK3</i>	2.673630675	1.418800191	0.003155282	0.04004568	Up
D	chr17	<i>SP2</i>	0.376359431	-1.409816973	0.001448227	0.024380666	Down
D	chr17	<i>DVL2</i>	0.391342735	-1.353495431	3.37E-05	0.001933714	Down
D	chr1	<i>PPP1R12B</i>	0.416656756	-1.263068721	0.002898014	0.037886156	Down
D	chr11	<i>ATG2A</i>	0.348325694	-1.5214912	0.000420877	0.011048651	Down
D	chr12	<i>CMKLR1</i>	0.057083355	-4.13078606	2.26E-05	0.001479909	Down
D	chr17	<i>DYNLL2</i>	0.332257642	-1.589625714	1.45E-07	3.15E-05	Down
D	chr22	<i>SEC14L2</i>	0.206288176	-2.277266961	0.003175244	0.040142839	Down
D	chr2	<i>SSB</i>	3.071538111	1.618961284	0.001409146	0.023963554	Up
D	chr20	<i>TRMT6</i>	2.051070832	1.036377315	0.003476036	0.042623909	Up
D	chr17	<i>SLC4A1</i>	0.062954869	-3.989538229	5.79E-11	3.43E-08	Down
D	chr1	<i>CACHD1</i>	0.091530649	-3.449601285	0.002636476	0.035710093	Down
D	chr20	<i>NFATC2</i>	0.248480303	-2.008796602	2.21E-06	0.000262514	Down
D	chr16	<i>ACD</i>	0.305773638	-1.709464062	0.001987543	0.029635975	Down
D	chr8	<i>EFR3A</i>	2.052467016	1.037359038	0.000122351	0.004957491	Up
D	chr19	<i>ZFP36</i>	0.241597032	-2.049325364	6.35E-06	0.000575613	Down
D	chr7	<i>FGL2</i>	2.735088869	1.45158771	0.000229317	0.007555314	Up
D	chr14	<i>REC8</i>	0.220657229	-2.180121085	0.001688366	0.026636169	Down
D	chr6	<i>SERPINB1</i>	2.028920732	1.020712501	0.003654483	0.044189106	Up
D	chrX	<i>MOSPD2</i>	4.440855212	2.150837535	1.50E-05	0.001098723	Up
D	chr1	<i>RRP15</i>	4.050681859	2.01816478	0.002361748	0.032920652	Up
D	chr4	<i>DHX15</i>	1.65289553	0.724995543	0.002406095	0.033325187	Up
D	chr10	<i>GTPBP4</i>	1.898621433	0.924952274	0.004214324	0.048199161	Up
D	chr1	<i>PDIK1L</i>	1.869840899	0.90291552	0.003161821	0.040060403	Up
D	chr14	<i>FUT8</i>	2.297880711	1.200303906	1.37E-06	0.000185762	Up
D	chr7	<i>SNORA5C</i>	0.16722002	-2.580180515	3.14E-06	0.000338064	Down
D	chr7	<i>HOXA2</i>	0.314746551	-1.667737527	0.000867313	0.017302487	Down
D	chr7	<i>HOXA3</i>	0.275881588	-1.857878917	0.000247621	0.007977062	Down
D	chr7	<i>HOXA9</i>	0.171059974	-2.547425867	5.51E-05	0.00276164	Down
D	chr11	<i>RBM4B</i>	0.461284208	-1.116272191	2.38E-05	0.001536355	Down
D	chr15	<i>FAM169B</i>	0.117498215	-3.089289261	0.003410425	0.042176127	Down

D	chr8	<i>GFRA2</i>	0.074930187	-3.738309129	0.000719844	0.015575135	Down
D	chr18	<i>C18orf54</i>	17.76872122	4.151267952	0.000204434	0.007074941	Up
D	chr17	<i>CHRN1</i>	0.279977598	-1.836616697	3.60E-05	0.002022222	Down
D	chr12	<i>NFYB</i>	2.230973189	1.157673176	0.001530865	0.02525056	Up
D	chr10	<i>ZRAN1</i>	1.968294003	0.976945731	0.000292541	0.008896942	Up
D	chr6	<i>TMEM170B</i>	2.846661288	1.509270843	0.000698723	0.015295696	Up
D	chr12	<i>FBXL14</i>	0.309852995	-1.690344182	9.45E-05	0.004133141	Down
D	chr2	<i>USP37</i>	1.716124074	0.779153862	0.003670543	0.044221597	Up
D	chr22	<i>RNU12</i>	0.113913268	-3.133992297	4.80E-31	2.09E-27	Down
D	chr3	<i>ATR</i>	1.750529	0.807790962	0.002634146	0.035710093	Up
D	chrX	<i>PDHA1</i>	1.873162078	0.905475736	0.001184681	0.021437632	Up
D	chr4	<i>NCAPG</i>	2.104879314	1.073737517	0.001605876	0.025841374	Up
D	chr3	<i>GNAI2</i>	0.583053848	-0.778298966	0.000725298	0.015627214	Down
D	chr7	<i>GRB10</i>	3.576426304	1.838518714	0.000217613	0.007317519	Up
D	chr20	<i>SNORA51</i>	0.15608648	-2.679582515	0.00014253	0.005567632	Down
D	chr11	<i>LRRC56</i>	0.071682568	-3.802233866	0.001065798	0.019935308	Down
D	chr7	<i>BZW2</i>	1.881291238	0.911723206	0.00036924	0.010228177	Up
D	chr19	<i>PIH1D1</i>	0.425807501	-1.231726729	0.000961307	0.018775699	Down
D	chr19	<i>C19orf6</i>	0.462999618	-1.11091709	7.50E-05	0.003458593	Down
D	chr15	<i>CHST14</i>	0.297761029	-1.74777315	0.000864219	0.017267166	Down
D	chr6	<i>ME1</i>	0.083410747	-3.583622919	2.86E-05	0.00174562	Down
D	chr16	<i>MC1R</i>	0	#NAME?	7.02E-05	0.003305413	Down
D	chr1	<i>EBNA1BP2</i>	3.439267361	1.782101272	0.002009363	0.029824982	Up
D	chr3	<i>OGG1</i>	0.302281971	-1.726033159	0.001164995	0.021199009	Down
D	chr3	<i>DHX36</i>	2.04747913	1.033848746	0.00026646	0.00839735	Up
D	chr2	<i>TSSC1</i>	2.74653084	1.457610492	0.004306551	0.048712664	Up
D	chr16	<i>SNN</i>	0.393876344	-1.344185321	0.001706644	0.026794934	Down
D	chr11	<i>CHEK1</i>	2.118521466	1.083057747	0.001206993	0.021617888	Up
D	chr15	<i>MYO5A</i>	1.935118321	0.952421782	0.00015624	0.00585764	Up
D	chr15	<i>C15orf39</i>	0.370495911	-1.432470474	0.000201053	0.00698948	Down
D	chr12	<i>SNORA49</i>	0.117498215	-3.089289261	0.002588066	0.035357585	Down
D	chr15	<i>BTBD1</i>	1.81507945	0.860032699	0.003358032	0.041646614	Up
D	chr9	<i>SETX</i>	1.933377631	0.951123455	0.00027279	0.008494242	Up
D	chr1	<i>SCARNA3</i>	0.046733505	-4.419398948	9.94E-15	1.30E-11	Down
D	chr1	<i>SCARNA4</i>	0.043540969	-4.521482659	3.28E-06	0.000347436	Down
D	chr16	<i>C16orf58</i>	0.312703735	-1.677131644	0.000232565	0.007596818	Down
D	chr17	<i>CACNB1</i>	0.221866299	-2.172237553	1.15E-05	0.000885662	Down
D	chr7	<i>CUL1</i>	2.062442935	1.044354203	3.90E-05	0.00215357	Up
D	chr9	<i>IARS</i>	1.974394307	0.98141014	0.000382995	0.010519878	Up
D	chr4	<i>PPARGC1A</i>	0.325457735	-1.619457894	0.000861193	0.017233116	Down
D	chr6	<i>AGPAT1</i>	0.344819056	-1.536088587	3.63E-06	0.000382191	Down
D	chr1	<i>SCAMP3</i>	0.31070803	-1.686368569	4.41E-06	0.000439468	Down
D	chr12	<i>SNORA53</i>	0.327501266	-1.61042761	0.000766266	0.016021596	Down
D	chr2	<i>C2orf44</i>	0.16004585	-2.643442826	0.000283958	0.0086967	Down

D	chr14	<i>SNORD8</i>	0.229245239	-2.125036324	8.26E-06	0.000686348	Down
D	chrX	<i>GUCY2F</i>	0	#NAME?	0.000366089	0.010162485	Down
D	chr6	<i>HIST1H2AG</i>	0.169388741	-2.561590109	5.27E-05	0.002685809	Down
D	chr6	<i>HIST1H2AI</i>	0.228507519	-2.12968646	6.22E-09	2.71E-06	Down
D	chr6	<i>CASP8AP2</i>	2.086111172	1.060816043	0.00025532	0.008164241	Up
D	chr17	<i>MIR142</i>	0.131912934	-2.922342071	5.79E-13	5.81E-10	Down
D	chr1	<i>EDEM3</i>	1.880996809	0.911497401	0.00088166	0.017481781	Up
D	chr14	<i>NIN</i>	2.081986597	1.057960782	0.000108132	0.00456568	Up
D	chr9	<i>UCK1</i>	0.400195559	-1.321222938	0.001644406	0.026113344	Down
D	chr11	<i>FAM111A</i>	5.348345458	2.419092654	4.13E-06	0.000417796	Up
D	chr3	<i>RNF123</i>	0.536912166	-0.897242	0.001036772	0.019604008	Down
D	chr3	<i>TTC21A</i>	0.1326482	-2.914322993	0.001018315	0.01945236	Down
D	chr8	<i>TAF2</i>	1.764397793	0.819175861	0.003421201	0.042229338	Up
D	chr11	<i>SNORA3</i>	0.122429097	-3.029981617	2.63E-23	5.72E-20	Down
D	chr11	<i>SNORA8</i>	0.378481876	-1.401703876	0.002144468	0.031250042	Down
D	chr20	<i>WISP2</i>	0.019027785	-5.715748561	0.000268093	0.008408185	Down
D	chr6	<i>HIST1H2BM</i>	2.436073636	1.284557742	6.04E-05	0.00294959	Up
D	chr8	<i>ANK1</i>	0.375709391	-1.412310916	0.000447279	0.01155936	Down
D	chr6	<i>HIST1H2BO</i>	0.420123458	-1.251114752	0.000511552	0.01247518	Down
D	chr2	<i>DCTN1</i>	0.528164939	-0.92093956	0.000412476	0.010960444	Down
D	chr17	<i>EFCAB5</i>	0.042123826	-4.569219696	0.001682185	0.026602989	Down
D	chr12	<i>IFFO1</i>	0.337456976	-1.567224515	0.000134677	0.005324632	Down
D	chr12	<i>NUAK1</i>	0.192410789	-2.377738396	0.001168316	0.02122763	Down
D	chr3	<i>CADM2</i>	0	#NAME?	0.000145448	0.005631022	Down
D	chr1	<i>KCNN3</i>	0.027434535	-5.187863092	5.91E-05	0.002907885	Down
D	chrX	<i>UPRT</i>	2.367146667	1.243149097	0.001837557	0.0279582	Up
D	chr16	<i>C16orf88</i>	Inf	Inf	2.00E-05	0.001345047	Up
D	chr13	<i>IRS2</i>	0.349404552	-1.51702969	0.000232906	0.007596818	Down
D	chr13	<i>N4BP2L2</i>	1.783445267	0.834666941	0.004103403	0.047461968	Up
D	chr11	<i>PTDSS2</i>	0.433668715	-1.205334726	0.001921855	0.0289878	Down
D	chr10	<i>TMEM180</i>	0.290741721	-1.782189985	0.000102627	0.004400188	Down
D	chr6	<i>PRIM2</i>	3.234898093	1.693720265	5.80E-05	0.002868728	Up
D	chr15	<i>MYO9A</i>	2.081532942	1.057646391	0.0001345	0.005324632	Up
D	chr4	<i>METAP1</i>	2.200242131	1.137662297	0.000733151	0.015627214	Up
D	chr12	<i>NUP107</i>	1.979876108	0.985410156	0.001744956	0.027135206	Up
D	chr7	<i>FASTK</i>	0.444165532	-1.170830655	0.001214896	0.021666032	Down
D	chr1	<i>HSP90B3P</i>	3.052188661	1.60984414	0.000161289	0.006029626	Up
D	chrX	<i>FOXO4</i>	0.450583973	-1.150132097	0.000248373	0.007981592	Down
D	chr1	<i>CADM3</i>	0.043895255	-4.509791187	0.002463467	0.034011481	Down
D	chr16	<i>CYLD</i>	1.809546936	0.855628529	0.001208521	0.021617888	Up
D	chr6	<i>BCLAF1</i>	1.722447812	0.784460272	0.003747269	0.044771627	Up
D	chr10	<i>ATRNL1</i>	2.070007377	1.049635909	0.000926634	0.018234973	Up
D	chr1	<i>HMCN1</i>	0.109105485	-3.196204465	0.00081604	0.016687889	Down
D	chr3	<i>GNL3</i>	2.882187227	1.527164056	5.08E-07	8.42E-05	Up

D	chr18	<i>GNAL</i>	0.159986834	-2.643974906	0.001397067	0.023818513	Down
D	chrX	<i>DOCK11</i>	1.877908805	0.909127005	0.00022487	0.00744638	Up
D	chr19	<i>CLIP3</i>	0.09193561	-3.443232417	0.000282515	0.008677571	Down
D	chr10	<i>TIMM23</i>	6.665870336	2.736793255	5.06E-07	8.42E-05	Up
D	chr19	<i>DENND1C</i>	0.286522249	-1.803280924	0.003706702	0.044529282	Down
D	chr8	<i>DSCC1</i>	Inf	Inf	0.00015236	0.00581241	Up
D	chrX	<i>ELK1</i>	0.442646263	-1.175773853	0.001852724	0.028074897	Down
D	chr13	<i>ZIC5</i>	0	#NAME?	8.06E-06	0.000674414	Down
D	chrX	<i>RLIM</i>	2.094077573	1.066314886	3.39E-05	0.001933714	Up
D	chr14	<i>SUPT16H</i>	1.806111503	0.852886963	0.00073327	0.015627214	Up
D	chr17	<i>TP53I13</i>	0.077879947	-3.682604285	1.72E-05	0.001221473	Down
D	chr2	<i>ZAK</i>	1.844810245	0.88347243	0.002310597	0.032555464	Up
D	chr11	<i>ZFP91</i>	2.133617349	1.093301461	0.000342561	0.009822839	Up
D	chr11	<i>C11orf48</i>	7.467447376	2.900615166	0.000838962	0.016970438	Up
D	chr22	<i>RBFOX2</i>	0.349819428	-1.51531768	0.001293353	0.022559327	Down
D	chr8	<i>RAD21-AS1</i>	0.115203053	-3.11774915	2.42E-08	7.53E-06	Down
D	chr6	<i>BRD7P3</i>	5.135549629	2.360518688	0.004162793	0.047767772	Up
D	chr17	<i>FAM222B</i>	0.39251617	-1.349176007	0.001485305	0.024671455	Down
D	chr17	<i>RAB11FIP4</i>	0.348848945	-1.519325625	8.79E-06	0.000720944	Down
D	chr1	<i>ACTA1</i>	0.238284983	-2.06924006	2.25E-12	1.73E-09	Down
D	chr11	<i>IGF2</i>	0	#NAME?	2.00E-05	0.001345047	Down
D	chr3	<i>TEX264</i>	0.400479232	-1.320200664	0.000304808	0.009166072	Down
D	chr17	<i>COL1A1</i>	0.059707959	-4.065932925	0.000549755	0.013088775	Down
D	chr16	<i>MAPK3</i>	0.524737166	-0.930333118	0.001287092	0.022540523	Down
D	chr6	<i>EYA4</i>	0.013431378	-6.218248902	7.63E-06	0.000650307	Down
D	chr9	<i>TMEM8B</i>	0.120915693	-3.047926599	2.33E-06	0.000273317	Down
D	chr3	<i>FYTTD1</i>	2.468464686	1.303614006	0.000982447	0.019017784	Up
D	chr9	<i>TGFBR1</i>	2.122955077	1.086073844	0.000295073	0.008953066	Up
D	chrX	<i>PAK3</i>	2.332981566	1.222174908	0.002706534	0.036254777	Up
D	chr22	<i>KCTD17</i>	0.318989542	-1.648418969	0.002673936	0.036044429	Down
D	chr2	<i>RIF1</i>	1.88303254	0.913057931	0.000473038	0.011891579	Up
D	chr15	<i>RPAP1</i>	0.484318524	-1.045971913	0.001484855	0.024671455	Down
D	chr11	<i>FAM118B</i>	2.416176059	1.272725583	0.001760269	0.027304571	Up
D	chr1	<i>SNORA14B</i>	0.258008733	-1.954508198	1.54E-08	5.76E-06	Down
D	chr6	<i>ATF6B</i>	0.441090483	-1.18085346	0.000723324	0.015624508	Down
D	chr15	<i>WDR76</i>	3.211861798	1.683409817	0.001567207	0.025609012	Up
D	chr19	<i>SSBP4</i>	0.29074692	-1.782164184	0.001074681	0.020001949	Down
D	chr12	<i>ALDH2</i>	0.580933974	-0.78355389	0.001780316	0.027488494	Down
D	chr17	<i>UNC13D</i>	0.476684268	-1.068894082	3.99E-05	0.002179932	Down
D	chr7	<i>PUS7</i>	2.271859024	1.183873314	0.000102094	0.004396094	Up
D	chr20	<i>SYS1</i>	0.347125781	-1.526469575	0.000148567	0.005731676	Down
D	chr3	<i>NBEAL2</i>	0.386931592	-1.369849567	0.002165081	0.031366226	Down
D	chr7	<i>PCLO</i>	0.186079439	-2.426009444	0.00409409	0.047438539	Down
D	chr22	<i>TTL12</i>	0.4276835	-1.225384545	0.000447042	0.01155936	Down

D	chr14	<i>KTN1</i>	2.08773147	1.061936161	0.000213409	0.007213345	Up
D	chr12	<i>TMPO</i>	1.623925574	0.699485514	0.004271947	0.048674095	Up
D	chr1	<i>PBX1</i>	0.539742997	-0.889655476	0.002234607	0.03189816	Down
D	chr5	<i>DCP2</i>	1.835842762	0.876442499	0.002902159	0.037902372	Up
D	chr2	<i>SNORA70B</i>	0.145603699	-2.779881087	0.000106826	0.004539912	Down
D	chr11	<i>SNORD22</i>	0.328415339	-1.606406582	2.09E-05	0.001387281	Down
D	chr22	<i>C22orf28</i>	1.668714677	0.738737299	0.004276333	0.048674095	Up
D	chr10	<i>LDB1</i>	0.475100356	-1.073695807	6.43E-06	0.000578426	Down
D	chr1	<i>SNORA16A</i>	0.079422512	-3.654308207	1.91E-12	1.60E-09	Down
D	chr19	<i>CKM</i>	0.048772506	-4.357788094	0.000171865	0.006352202	Down
D	chr14	<i>PELI2</i>	0.370705587	-1.431654235	0.000528348	0.012714068	Down
D	chr6	<i>UFL1</i>	1.997201574	0.997979949	0.00361138	0.043836429	Up
D	chr17	<i>SHMT1</i>	2.185701665	1.128096495	0.001542229	0.02534684	Up
D	chr15	<i>GLCE</i>	1.872930706	0.905297524	0.00286723	0.037521316	Up
D	chr9	<i>LRRC8A</i>	0.425600656	-1.232427721	1.35E-05	0.001003271	Down
D	chr17	<i>KIF19</i>	0.109738138	-3.187863092	0.003111873	0.03960033	Down
D	chr16	<i>NAE1</i>	3.077876014	1.621935117	5.14E-05	0.002651298	Up
D	chr9	<i>C9orf89</i>	0.401501411	-1.316523039	0.000716454	0.015527533	Down
D	chr5	<i>NDST1</i>	0.553324946	-0.853801127	0.00214609	0.031250042	Down
D	chr19	<i>SNORD32A</i>	0.244971751	-2.029312701	9.25E-05	0.004106242	Down
D	chr5	<i>MEGF10</i>	0.036579379	-4.772825593	0.001219069	0.021698766	Down
D	chr1	<i>PTGFRN</i>	0.015222228	-6.037676656	1.15E-05	0.000885662	Down
D	chr4	<i>POLR2B</i>	1.765208042	0.819838225	0.001796101	0.027666749	Up
D	chr19	<i>GRAMD1A</i>	0.550859437	-0.860243862	0.004341348	0.048925891	Down
D	chr17	<i>ARHGAP23</i>	0.374101371	-1.41849884	0.000595699	0.013829322	Down
D	chr17	<i>ARHGAP27</i>	0.306825632	-1.704509085	5.17E-07	8.44E-05	Down
D	chr10	<i>CUL2</i>	1.913744053	0.936397894	0.001301172	0.022665405	Up
D	chr13	<i>SACS</i>	1.878705128	0.909738646	0.000290603	0.008858649	Up
D	chr16	<i>YPEL3</i>	0.334704785	-1.579038919	3.72E-07	6.92E-05	Down
D	chr12	<i>ELK3</i>	0.466302229	-1.100662768	2.41E-05	0.001539584	Down
D	chr19	<i>ZNF606</i>	2.313475363	1.210061735	0.000362965	0.010154526	Up
D	chr16	<i>FBXO31</i>	0.422091643	-1.244371828	0.001839211	0.0279582	Down
D	chr11	<i>FAM168A</i>	0.302877261	-1.723194825	4.07E-06	0.000416047	Down
D	chr20	<i>NCOR1P1</i>	0.267472972	-1.90253498	0.000206586	0.007109575	Down
D	chr10	<i>DPYSL4</i>	0.184648305	-2.437148073	0.000484966	0.01207305	Down
D	chrX	<i>POLA1</i>	1.802537743	0.850029468	0.000755729	0.015843458	Up
D	chr3	<i>ATP2C1</i>	1.861273281	0.896289895	0.000988808	0.019056092	Up
D	chr9	<i>HINT2</i>	0.236680092	-2.078989731	0.001960587	0.029334612	Down
D	chr14	<i>WDHD1</i>	1.84542358	0.883951996	0.00146139	0.024413258	Up
D	chr3	<i>ADAMTS9</i>	0.037071443	-4.753547921	3.11E-05	0.001844369	Down
D	chr9	<i>TAF1L</i>	2.263929691	1.178829154	8.66E-05	0.003909833	Up
D	chr20	<i>TSHZ2</i>	0.126258552	-2.985546979	2.51E-06	0.000289397	Down
D	chr1	<i>USP1</i>	1.881562368	0.911931111	0.001022142	0.019453237	Up
D	chr1	<i>ZNF687</i>	0.42079573	-1.248808028	5.97E-06	0.000548074	Down

D	chr14	<i>RPPH1</i>	0.287753314	-1.797095553	0.000971491	0.018917982	Down
D	chr19	<i>ZNF160</i>	3.068239293	1.617411004	0.003466609	0.042576682	Up
D	chr12	<i>AMN1</i>	0.228248536	-2.131322485	0.00252443	0.034706258	Down
D	chr2	<i>SLC4A1AP</i>	2.210281039	1.144229821	0.002086096	0.030619785	Up
D	chr15	<i>IMP3</i>	0.431267617	-1.213344703	0.002348984	0.032848004	Down
D	chr1	<i>NASP</i>	2.895776932	1.533950473	0.003715685	0.044529282	Up
D	chr19	<i>ZNF625</i>	2.010718475	1.007711101	0.000466618	0.011790233	Up
D	chr4	<i>WHSC1</i>	1.7642865	0.819084857	0.001159308	0.021154525	Up
D	chr22	<i>MN1</i>	0.355590614	-1.491710852	0.003595126	0.043714459	Down
D	chr19	<i>ZNF628</i>	0.18352955	-2.445915726	2.21E-05	0.001456399	Down
D	chr16	<i>SLC38A7</i>	0.320675981	-1.640811796	0.000693645	0.015235667	Down
D	chr11	<i>FZD4</i>	0.278528247	-1.844104447	0.004461989	0.049970451	Down
D	chr3	<i>CLCN2</i>	0.198207502	-2.334916524	5.10E-07	8.42E-05	Down
D	chr10	<i>KIF11</i>	1.919936457	0.941058563	0.000315498	0.009245079	Up
D	chr3	<i>SNORA62</i>	0.135819381	-2.880238736	9.30E-06	0.000758101	Down
D	chr3	<i>SNORA63</i>	0.236593511	-2.079517588	1.52E-08	5.76E-06	Down
D	chr2	<i>DNAH6</i>	0.014041275	-6.154182197	7.14E-05	0.003315112	Down
D	chr2	<i>DNAH7</i>	0.115114683	-3.118856233	2.98E-05	0.001786481	Down
D	chr3	<i>ATP13A3</i>	1.683358087	0.751342102	0.002605095	0.035511641	Up
D	chr17	<i>MIF4GD</i>	0.403826449	-1.308192691	0.001582667	0.025622886	Down
D	chr5	<i>LARS</i>	1.908400589	0.932364037	0.002015898	0.02988118	Up
D	chr1	<i>MEF2D</i>	0.457974581	-1.12666057	0.001819771	0.027804256	Down
D	chr10	<i>TRIM8</i>	0.434226611	-1.203479954	2.51E-05	0.001581441	Down
D	chr18	<i>CTIF</i>	0.262968356	-1.92703889	0.000710052	0.015473202	Down
D	chrY	<i>ZFY</i>	2.241038104	1.164167179	0.00071097	0.015473202	Up
D	chr5	<i>MSH3</i>	2.827240454	1.499394588	5.42E-05	0.002740337	Up
D	chr15	<i>FANCI</i>	2.220710827	1.151021542	0.003919397	0.046395625	Up
D	chr11	<i>EML3</i>	0.528138015	-0.921013105	0.001209555	0.021617888	Down
D	chr3	<i>SNORA7B</i>	0.250385019	-1.997779848	7.36E-07	0.000114222	Down
D	chr17	<i>PELP1</i>	0.52106732	-0.940458319	0.004275771	0.048674095	Down
D	chr8	<i>ATAD2</i>	1.838652284	0.878648671	0.000623855	0.014204955	Up
D	chr8	<i>ZFHX4</i>	0.060662361	-4.043054538	0.001837657	0.0279582	Down
D	chr6	<i>ABCC10</i>	0.340905715	-1.552555311	0.0004789	0.011992711	Down
D	chr5	<i>FAM193B</i>	0.52971663	-0.916707293	0.002160558	0.031366226	Down
D	chr22	<i>SBF1</i>	0.516699289	-0.952603196	0.001193552	0.021493665	Down
D	chr3	<i>SNORA81</i>	0.046372109	-4.430598856	7.35E-59	9.59E-55	Down
D	chr4	<i>HAUS3</i>	1.961021699	0.971605499	0.00160682	0.025841374	Up
D	chr5	<i>GDNF</i>	0.017551594	-5.832254102	0.000463976	0.011788157	Down
D	chr1	<i>SEPN1</i>	0.424199663	-1.237184619	0.000963936	0.018798908	Down
D	chr11	<i>SNORD97</i>	0.3149676	-1.666724663	6.60E-06	0.00058544	Down
D	chr11	<i>RHOG</i>	0.496474169	-1.010209437	0.000240479	0.007804815	Down
D	chr9	<i>NELF</i>	0.447111285	-1.161294135	0.002597733	0.035452538	Down
D	chr19	<i>MED16</i>	0.363452196	-1.460162473	0.000487336	0.01207305	Down
D	chr1	<i>CACNA1E</i>	0.388151114	-1.365309668	0.003634886	0.044055806	Down

D	chr11	TENM4	0.220460403	-2.181408538	0.003999451	0.046967446	Down
D	chr11	MUC6	0	#NAME?	0.000525633	0.012676406	Down
D	chr18	ME2	3.004739738	1.587240034	4.87E-06	0.000481143	Up
D	chr8	PRKDC	1.811761265	0.857392865	0.00154253	0.02534684	Up
D	chr19	MED25	0.282843517	-1.821923992	5.24E-08	1.42E-05	Down
D	chr12	LMBR1L	0.40733498	-1.295712385	0.000426689	0.011166763	Down
D	chr9	TNC	0.035103189	-4.832254102	0.000383941	0.010523696	Down
D	chr10	KIF5B	2.269850438	1.18259724	1.77E-05	0.001239292	Up
D	chr1	PPAP2B	0.139548926	-2.84115707	0.000635404	0.014392559	Down
D	chr3	SNORA6	0.121404519	-3.042105971	7.39E-12	5.08E-09	Down
D	chr17	FTSJ3	2.208279659	1.142922889	0.00129201	0.022559327	Up
D	chr20	NDUFA5	3.055937705	1.611615134	0.000733017	0.015627214	Up
D	chr11	SYVN1	0.414308018	-1.271224354	0.003432037	0.042283084	Down
D	chr2	IMMT	1.727229883	0.788460109	0.003353779	0.041646614	Up
D	chr19	LYL1	0.43234576	-1.209742553	0.000667307	0.014781576	Down
D	chr15	NTRK3	0.03261906	-4.938140982	0.000452719	0.011604378	Down
D	chr2	RANBP2	2.118111152	1.0827783	1.85E-05	0.001274354	Up
D	chr2	EIF5B	1.958451315	0.969713265	0.000375372	0.010375857	Up
D	chr8	EBAG9	2.312357167	1.209364254	0.004142236	0.047657632	Up
D	chr16	ZNF646	0.579965984	-0.785959807	0.00303444	0.038966867	Down
D	chr19	ZNF93	Inf	Inf	0.002154686	0.031340226	Up
D	chr7	ORAI2	0.393550878	-1.345377938	0.000365024	0.010154526	Down
D	chr17	TRAF4	0.416750162	-1.262745333	0.00181282	0.027760405	Down
D	chr1	LEPROT	0.452478408	-1.144079144	0.004124482	0.047621886	Down
D	chr11	PRDM11	0.442365379	-1.176689613	0.000548345	0.013079074	Down
D	chr17	MED31	Inf	Inf	0.000467199	0.011790233	Up
D	chr11	TEAD1	0.025274296	-5.30618529	1.02E-06	0.000149367	Down
D	chr1	VANGL2	0.272371091	-1.876354507	2.04E-06	0.000244325	Down
D	chr11	CD81	0.53479525	-0.902941442	0.001882509	0.028460127	Down
D	chr11	CD82	0.274607445	-1.864557356	4.70E-05	0.002453796	Down
D	chr17	KIAA0195	0.362629702	-1.463430999	3.39E-05	0.001933714	Down
D	chrX	ZFX	1.685389621	0.753082146	0.003670728	0.044221597	Up
D	chrX	DDX3X	1.862331348	0.897109781	0.000182655	0.006588731	Up
D	chr8	DUSP4	0.219476276	-2.187863092	0.004048463	0.04716098	Down
D	chr17	KPNB1	1.613187926	0.689914513	0.004054681	0.047191281	Up
D	chr6	GFOD1	0.311958058	-1.68057602	0.000282668	0.008677571	Down
D	chr21	PSMG1	4.727811379	2.241172479	0.000276309	0.008583356	Up
D	chr12	KCNA1	0.13327176	-2.907556991	0.00192854	0.029055031	Down
D	chr6	FOXO3	0.400837097	-1.318912062	0.000344733	0.009863446	Down
D	chr12	KCNA6	0.01268519	-6.300711062	1.10E-05	0.00087256	Down
D	chr12	MTERFD3	14.78267247	3.885835204	0.001032348	0.019548678	Up
D	chr7	AGFG2	0.36344758	-1.460180794	0.001569183	0.025609012	Down
D	chr18	LAMA3	0.056484494	-4.146001306	7.81E-06	0.000657304	Down
D	chr9	VPS13A	1.815631509	0.86047143	0.000735426	0.015627214	Up

D	chr2	<i>KCNK12</i>	0.201760609	-2.309283556	1.87E-08	6.09E-06	Down
D	chr14	<i>OXA1L</i>	0.422289164	-1.243696869	0.004279082	0.048674095	Down
D	chr8	<i>INTS10</i>	1.830071697	0.87190017	0.003925866	0.046395625	Up
D	chr2	<i>VRK2</i>	2.33221109	1.221698374	0.003340159	0.041622778	Up
D	chr15	<i>NARG2</i>	2.20258482	1.139197578	0.002989586	0.038657209	Up
D	chr20	<i>SUMO1P1</i>	2.774128068	1.472034391	0.001044182	0.01968706	Up
D	chr2	<i>ACTR3</i>	1.768690589	0.822681688	0.000712826	0.015474613	Up
D	chr9	<i>PTENP1</i>	1.877658917	0.908935016	0.001056712	0.019837296	Up
D	chr16	<i>ZFPM1</i>	0.224886216	-2.15273286	2.90E-07	5.54E-05	Down
D	chr14	<i>NFKBIA</i>	0.49534137	-1.013504978	0.000747728	0.015786445	Down
D	chr5	<i>LOC644936</i>	0.451550234	-1.147041602	0.000110419	0.004602654	Down
D	chr18	<i>GALNT1</i>	1.77007451	0.823810091	0.000833812	0.016918727	Up
D	chr10	<i>MKI67</i>	2.370289925	1.245063535	0.000278767	0.008630118	Up
D	chr17	<i>SENP3</i>	6.981907497	2.803621243	0.001732543	0.026974333	Up
D	chr22	<i>CARD10</i>	0.034059176	-4.875812653	2.61E-08	7.74E-06	Down
D	chr12	<i>MBD6</i>	0.295449375	-1.759017146	0.000154372	0.00583473	Down
D	chr11	<i>RPLPOP2</i>	0.164490666	-2.603922377	3.50E-08	1.01E-05	Down
D	chr12	<i>SP7</i>	0	#NAME?	0.000631247	0.014323263	Down
D	chr18	<i>ZNF532</i>	0.418396761	-1.25705641	0.001031082	0.019548678	Down
D	chr12	<i>SCARNA11</i>	0.119903448	-3.06005495	1.21E-10	6.60E-08	Down
D	chr8	<i>MCM4</i>	1.822187179	0.865671164	0.000743614	0.015775506	Up
D	chr12	<i>SOX5</i>	0.145492573	-2.780982581	7.24E-06	0.00062534	Down
D	chr1	<i>NCDN</i>	0.469122632	-1.091962991	0.000196847	0.006885432	Down
D	chr15	<i>UBE2Q2</i>	2.121192332	1.084875438	0.00036467	0.010154526	Up
D	chrX	<i>GRIA3</i>	1.955376624	0.967446511	0.000116841	0.004784166	Up
D	chr19	<i>THOP1</i>	3.012829751	1.591119151	0.000245018	0.007912757	Up
D	chr14	<i>SRP54</i>	1.952291458	0.965168449	0.000112538	0.004676077	Up
D	chr12	<i>EP400NL</i>	Inf	Inf	0.000859933	0.017233116	Up
D	chr3	<i>SMC4</i>	2.169517025	1.117373908	2.56E-05	0.001597519	Up
D	chr11	<i>ARHGEF17</i>	0.252840575	-1.983700096	0.003713618	0.044529282	Down
D	chr16	<i>USP7</i>	1.652728445	0.724849699	0.003084236	0.039489729	Up
D	chr11	<i>GPR137</i>	0.426999476	-1.227693795	0.002305438	0.032517898	Down
D	chr1	<i>PEAR1</i>	0.340090511	-1.556009344	0.000789584	0.016351914	Down
D	chr7	<i>PNPLA8</i>	2.229288097	1.156583072	0.000824028	0.016746259	Up
D	chr3	<i>RPL24</i>	2.331008635	1.220954349	3.39E-05	0.001933714	Up
D	chr22	<i>LDOC1L</i>	0.152498806	-2.713130151	0.001609898	0.025841374	Down
D	chr17	<i>TRIM25</i>	0.431339812	-1.213103213	0.001476879	0.024608985	Down
D	chr10	<i>MTRNR2L5</i>	0.187074903	-2.418312064	1.20E-19	1.95E-16	Down
D	chr6	<i>GRM1</i>	0.086457909	-3.531858251	0.000413863	0.01097494	Down
D	chrX	<i>MAGT1</i>	2.392417335	1.258469076	0.000116973	0.004784166	Up
D	chr4	<i>TMEM128</i>	4.452763655	2.154701038	0.000462181	0.011777499	Up
D	chr11	<i>FAU</i>	0.605551506	-0.72367842	0.002577953	0.035292353	Down
D	chr19	<i>FOSB</i>	0.229405152	-2.124030306	0.000356581	0.010048193	Down
D	chr6	<i>SNORA29</i>	0.165277569	-2.597037156	6.79E-10	3.54E-07	Down

D	chr5	<i>RHOBTB3</i>	2.154052789	1.107053606	0.002179442	0.031473683	Up
D	chr17	<i>HLF</i>	0.431958521	-1.211035311	9.86E-07	0.000146181	Down
D	chr16	<i>MAZ</i>	0.390835565	-1.355366339	1.25E-08	4.93E-06	Down
D	chr9	<i>FBXW5</i>	0.528448112	-0.920166274	0.004153931	0.047708039	Down
D	chr17	<i>SCARNA16</i>	0.289972902	-1.786010009	0.001074304	0.020001949	Down
D	chr19	<i>ZBTB7A</i>	0.408664522	-1.291011095	0.000309844	0.009229521	Down
D	chr6	<i>SNORA38</i>	0.085095271	-3.554777229	0.001151538	0.021047016	Down
D	chr16	<i>CDH8</i>	3.511425185	1.812056697	0.001457637	0.024388751	Up
D	chr19	<i>DHX34</i>	0.421396561	-1.246749555	0.001785401	0.027534423	Down
D	chr9	<i>GCNT1</i>	2.915393998	1.543690868	0.000647304	0.01456396	Up
D	chr2	<i>FKBP7</i>	Inf	Inf	0.003196846	0.040298794	Up
D	chr1	<i>SEMA6C</i>	0.171031813	-2.547663397	0.000240412	0.007804815	Down
D	chr14	<i>OSGEP</i>	3.092807071	1.628916841	0.002348722	0.032848004	Up
D	chr8	<i>GEM</i>	0.226714374	-2.141052234	9.37E-08	2.35E-05	Down
D	chrX	<i>XIST</i>	28.29612248	4.822532464	0.001838416	0.0279582	Up
D	chr21	<i>GABPA</i>	2.350518622	1.23297911	0.00110214	0.020439643	Up
D	chr9	<i>NR4A3</i>	0.017551594	-5.832254102	8.30E-05	0.003772726	Down
D	chr15	<i>LRRC28</i>	0.393338982	-1.346154922	0.002580586	0.035292353	Down
D	chr2	<i>TLK1</i>	1.865234989	0.899357398	0.001605393	0.025841374	Up
D	chr17	<i>CCL4</i>	0.073158759	-3.772825593	0.003679128	0.04426232	Down
D	chr19	<i>GLTSCR1</i>	0.20214958	-2.306504891	2.04E-06	0.000244325	Down
D	chr17	<i>BRCA1</i>	3.35930517	1.748162861	7.23E-05	0.003343981	Up
D	chr1	<i>HLX</i>	0.255528921	-1.968441507	0.000877253	0.017447432	Down
D	chr19	<i>HIF3A</i>	0.094654281	-3.401188426	4.16E-05	0.00222353	Down
D	chr17	<i>HOXB6</i>	0.112395281	-3.153346628	0.004039237	0.047137675	Down
D	chr12	<i>RAPGEF3</i>	0.293491853	-1.768607637	0.001768102	0.027332254	Down
D	chr17	<i>HOXB9</i>	0.015044224	-6.054646523	0.000120857	0.004927578	Down
D	chr2	<i>LRP1B</i>	0.02537038	-5.300711062	3.16E-05	0.001860143	Down
D	chr11	<i>SNORA23</i>	0.179834431	-2.47525883	5.32E-16	7.72E-13	Down
D	chr2	<i>CTDSP1</i>	0.488419149	-1.033808331	0.000857651	0.017215034	Down
D	chr3	<i>TOPBP1</i>	2.422969997	1.27677654	2.38E-06	0.000277565	Up
D	chr4	<i>SMARCA5</i>	2.180140045	1.124420812	0.000845376	0.017047331	Up
D	chr16	<i>FBXL19</i>	0.460961718	-1.117281153	0.000220506	0.00737051	Down
D	chr14	<i>SERPINA1</i>	0	#NAME?	4.12E-05	0.002213021	Down
D	chr1	<i>SWT1</i>	2.352233908	1.23403153	0.002940814	0.038139954	Up
D	chrX	<i>DIAPH2</i>	2.4609436	1.299211595	0.000397457	0.010714102	Up
D	chr1	<i>CACYBP</i>	3.171646173	1.665231834	0.000524725	0.012676406	Up
D	chr17	<i>ATP1B2</i>	0.257116503	-1.959505884	0.000455737	0.011636015	Down
D	chr20	<i>PCIF1</i>	0.515435308	-0.956136727	0.000218913	0.007342312	Down
D	chr5	<i>TTC37</i>	1.969969281	0.978173133	0.000770102	0.016076023	Up
D	chr22	<i>RHBDD3</i>	0.17559729	-2.509657513	0.000936125	0.018394008	Down
D	chr4	<i>RNF4</i>	1.762375759	0.817521556	0.003526895	0.043085585	Up
D	chr11	<i>STARD10</i>	0.564188842	-0.825749961	0.003255695	0.04080408	Down
D	chr2	<i>TCF7L1</i>	0.079546249	-3.652062289	0.00054569	0.013039603	Down

D	chr13	<i>BRCA2</i>	4.076834937	2.027449546	4.21E-05	0.002242059	Up
D	chr22	<i>DES1</i>	0.496063463	-1.011403394	0.001639919	0.026113344	Down
D	chr1	<i>ZNF362</i>	0.341146303	-1.551537513	0.001231888	0.02183755	Down
D	chr9	<i>SH2D3C</i>	0.332363621	-1.589165616	0.00074776	0.015786445	Down
D	chr19	<i>TBC1D17</i>	0.396657053	-1.334035894	0.000605384	0.013930227	Down
D	chr16	<i>PIGQ</i>	0.274531854	-1.864954542	2.89E-05	0.001745652	Down
D	chr14	<i>MTA1</i>	0.595096204	-0.748805181	0.002328423	0.032665524	Down
D	chr2	<i>TTC30A</i>	7.46809815	2.900740888	0.002347528	0.032848004	Up
D	chr11	<i>TSPAN4</i>	0.512252712	-0.965072379	0.003917285	0.046395625	Down
D	chr20	<i>RBM38</i>	0.406287078	-1.299428614	0.000756532	0.015843458	Down
D	chr20	<i>GGT7</i>	0	#NAME?	0.000331078	0.009599047	Down
D	chr1	<i>HNRNPR</i>	1.857408877	0.893291435	0.001842332	0.0279582	Up
D	chr1	<i>HNRNPU</i>	1.736916111	0.796528077	0.00079198	0.0163642	Up
D	chr11	<i>SNORA54</i>	0.100224246	-3.318696537	1.15E-05	0.000885662	Down
D	chr17	<i>MNT</i>	0.4901919	-1.028581449	0.000491599	0.012101672	Down
D	chr1	<i>LDLRAP1</i>	0.424091971	-1.237550924	0.000356568	0.010048193	Down
D	chr6	<i>HIST1H3A</i>	0.347077983	-1.526668246	4.08E-06	0.000416047	Down
D	chr8	<i>RUNX1T1</i>	0.146569653	-2.770341664	1.32E-07	3.02E-05	Down
D	chr11	<i>SNORA57</i>	0.179124294	-2.480967076	1.38E-07	3.06E-05	Down
D	chr6	<i>HIST1H3C</i>	0.080230893	-3.639698328	1.96E-12	1.60E-09	Down
D	chr6	<i>HIST1H3D</i>	0.32857935	-1.605686281	7.53E-07	0.000114222	Down
D	chr6	<i>HIST1H3E</i>	0.045355177	-4.46258897	5.31E-06	0.00050894	Down
D	chr6	<i>HIST1H3F</i>	0.162594441	-2.620650159	7.34E-11	4.17E-08	Down
D	chr3	<i>STAG1</i>	1.72881776	0.789785798	0.001318358	0.022934156	Up
D	chr6	<i>HIST1H3H</i>	0.239703982	-2.060674218	1.52E-12	1.42E-09	Down
D	chr6	<i>HIST1H3I</i>	0.070206377	-3.832254102	0.000926556	0.018234973	Down
D	chr12	<i>B3GNT4</i>	0	#NAME?	0.001391288	0.023791215	Down
D	chr6	<i>ATAT1</i>	0.289719841	-1.787269608	1.95E-05	0.001333045	Down
D	chr17	<i>SLC16A11</i>	0.208977858	-2.258578002	0.000639099	0.014442137	Down
D	chr15	<i>KIAA0101</i>	2.631962936	1.396139173	4.59E-05	0.00241407	Up
D	chr11	<i>NCAPD3</i>	2.095940004	1.06759742	0.000662033	0.014713904	Up
D	chr3	<i>NAT6</i>	0.399127707	-1.325077663	0.002660466	0.035932811	Down
D	chr16	<i>GNAO1</i>	0.13710628	-2.866633441	4.68E-05	0.002452858	Down
D	chr17	<i>MIR21</i>	0.338221663	-1.563959029	0.002426332	0.033569832	Down
D	chr10	<i>CSGALNACT2</i>	1.980133703	0.985597847	0.001235618	0.021873954	Up
D	chr11	<i>RELA</i>	0.535403824	-0.901300651	0.002187328	0.031498973	Down
D	chr6	<i>HIST1H4A</i>	0.29456608	-1.763336784	3.22E-06	0.000343995	Down
D	chr6	<i>HIST1H4B</i>	0.255696942	-1.96749319	4.49E-08	1.25E-05	Down
D	chr6	<i>HIST1H4C</i>	0.143365136	-2.802233866	0.002297514	0.032476338	Down
D	chr2	<i>SOX11</i>	0.074634949	-3.74400483	0.00308253	0.039489729	Down
D	chr16	<i>TMCS</i>	0	#NAME?	0.000255934	0.008164241	Down
D	chr6	<i>HIST1H4H</i>	0.156935127	-2.671759787	5.06E-05	0.002617861	Down
D	chr6	<i>HIST1H4I</i>	0.310949299	-1.68524873	2.42E-05	0.001539584	Down
D	chr20	<i>MTRNR2L3</i>	0.452623411	-1.143616887	0.001678987	0.026584638	Down

D	chr2	<i>PMS1</i>	6.331597717	2.662569596	1.38E-06	0.000185762	Up
D	chrX	<i>RPS6KA3</i>	1.918619642	0.940068732	0.000201429	0.00698948	Up
D	chr12	<i>NCKAP5L</i>	0.190561849	-2.391668775	5.27E-05	0.002685809	Down
D	chr10	<i>GHITM</i>	2.118774641	1.083230146	0.000122921	0.004965157	Up
D	chr4	<i>SMARCAD1</i>	2.020428952	1.01466162	0.000143838	0.005596391	Up
D	chr7	<i>ZCWPW1</i>	Inf	Inf	0.000316287	0.009245079	Up
D	chr10	<i>KIF20B</i>	1.95307955	0.965750712	0.002934841	0.038139954	Up
D	chr3	<i>GOLIM4</i>	2.507343834	1.326159848	0.001142976	0.020973845	Up
D	chr12	<i>PTGES3</i>	1.80387209	0.851097043	0.00408374	0.047402629	Up
D	chr10	<i>PIK3AP1</i>	0.412831578	-1.276374766	3.45E-05	0.001947133	Down
D	chr15	<i>MAPKBP1</i>	0.460075409	-1.120057749	0.000603248	0.01390562	Down
D	chr19	<i>SAMD4B</i>	0.362772529	-1.462862883	2.93E-07	5.54E-05	Down
D	chr1	<i>CTPS1</i>	2.426085329	1.278630293	0.000209474	0.007135938	Up
D	chr19	<i>PPP1R12C</i>	0.405409759	-1.302547276	9.68E-05	0.004209605	Down
D	chr5	<i>HARS2</i>	2.363805804	1.241111517	0.000880846	0.017481781	Up
D	chr11	<i>API5</i>	2.119874576	1.083978909	0.001263407	0.022185286	Up
D	chr1	<i>PLEKHA6</i>	0.318803112	-1.649262382	0.000428259	0.011166763	Down
D	chr3	<i>PDHB</i>	1.950483757	0.963831984	0.001090556	0.020268495	Up
D	chr3	<i>CAPN7</i>	1.978972762	0.984751756	0.000452532	0.011604378	Up
D	chr7	<i>CHPF2</i>	0.553212383	-0.854094646	0.003323789	0.041498058	Down
D	chr1	<i>S100BPB</i>	0.535981479	-0.899744946	0.003238394	0.040626274	Down
D	chr19	<i>PTOV1</i>	0.461474791	-1.115676254	0.000206791	0.007109575	Down
D	chr17	<i>SDK2</i>	0	#NAME?	2.88E-05	0.00174562	Down
D	chr15	<i>CASC5</i>	2.360729184	1.239232549	5.52E-05	0.00276164	Up
D	chr14	<i>JAG2</i>	0.306112088	-1.707868081	0.001730526	0.026974333	Down
D	chr19	<i>ZNF358</i>	0.163331182	-2.614127847	5.92E-06	0.000548074	Down
D	chr18	<i>DTNA</i>	0	#NAME?	2.87E-07	5.54E-05	Down
D	chr20	<i>DLGAP4</i>	0.487333523	-1.037018628	0.000610328	0.013976093	Down
D	chr16	<i>ZNF319</i>	0.288999332	-1.790861938	6.96E-05	0.003290883	Down
D	chr2	<i>XPO1</i>	1.958660794	0.969867569	0.001690659	0.026640128	Up
D	chr19	<i>RABAC1</i>	0.46714304	-1.098063721	0.001242111	0.021929388	Down
D	chr1	<i>MPZ</i>	0.031353754	-4.995218014	0.000269878	0.008443882	Down
D	chr5	<i>SNORA74A</i>	0.212078199	-2.237331769	1.80E-08	6.03E-06	Down
D	chr5	<i>SNORA74B</i>	0.138240339	-2.854749438	2.17E-11	1.35E-08	Down
D	chr7	<i>KRIT1</i>	1.946171646	0.960638957	0.00048766	0.01207305	Up
D	chr3	<i>U2SURP</i>	1.965138294	0.974630844	0.000264676	0.008365973	Up
D	chr7	<i>MOSPD3</i>	0.260263258	-1.941956436	0.004296061	0.048712664	Down
D	chr2	<i>PUS10</i>	4.013461888	2.004847198	1.72E-08	5.90E-06	Up
D	chr2	<i>GTF3C2</i>	0.608930879	-0.715649621	0.003936426	0.046436296	Down
D	chr20	<i>SPATA2</i>	0.422934689	-1.241493201	0.002000913	0.029767287	Down
D	chr6	<i>TAPBP</i>	0.299037153	-1.741603355	6.76E-06	0.000591621	Down
D	chr21	<i>RWDD2B</i>	3.499810892	1.80727697	0.003233571	0.040626274	Up
D	chr8	<i>ZHX1</i>	1.774878882	0.827720578	0.001437717	0.024266352	Up
D	chr11	<i>ATM</i>	1.710663726	0.77455619	0.002615327	0.035580989	Up

D	chr3	<i>DCBLD2</i>	0.199710396	-2.324018662	0.000630017	0.014320267	Down
D	chr17	<i>LLGL2</i>	0.34487315	-1.535862282	0.00431004	0.048712664	Down
D	chr3	<i>CPNE4</i>	0.011701063	-6.417216602	1.12E-05	0.000880814	Down
D	chr14	<i>ADCY4</i>	0.429865248	-1.218043615	0.004298014	0.048712664	Down
D	chr6	<i>HLA-A</i>	0.559314545	-0.838268247	0.002813	0.037071929	Down
D	chr6	<i>HLA-B</i>	0.370855827	-1.431069656	1.63E-05	0.001178315	Down
D	chr4	<i>HSP90AA6P</i>	2.393004369	1.258823031	2.27E-05	0.001479909	Up
D	chr6	<i>HLA-E</i>	0.328660843	-1.605328514	0.004430415	0.049702169	Down
D	chr6	<i>HLA-H</i>	0.313476313	-1.67357166	0.0004288	0.011166763	Down
D	chr19	<i>ADAMTS10</i>	0.561782495	-0.831916423	0.001161958	0.021173272	Down
D	chr9	<i>GFI1B</i>	0.376143005	-1.410646835	0.000726821	0.015627214	Down
D	chr9	<i>RXRA</i>	0.218343301	-2.195329827	5.49E-06	0.00052299	Down
D	chr4	<i>STAP1</i>	2.896019561	1.534071347	0.004170872	0.047776447	Up
D	chr21	<i>CBR3-AS1</i>	0.057210468	-4.127577053	1.04E-06	0.000150074	Down
D	chr15	<i>TRPM7</i>	1.630473385	0.705290892	0.00404584	0.04716098	Up
D	chr11	<i>FAM160A2</i>	0.41464716	-1.270043884	9.45E-05	0.004133141	Down
D	chr6	<i>TTK</i>	3.706887167	1.890208202	9.42E-05	0.004133141	Up
D	chr1	<i>PLEKHG5</i>	0.34545355	-1.533436356	0.002070991	0.030475718	Down
D	chr2	<i>SCN1A</i>	0	#NAME?	0.00125658	0.022124969	Down
D	chr12	<i>ADCY6</i>	0.428089862	-1.224014425	4.05E-05	0.002192926	Down
D	chr5	<i>GM2A</i>	0.230486696	-2.117244617	0.000855179	0.017191866	Down
D	chr5	<i>MAN2A1</i>	1.965284266	0.974738004	0.00218316	0.031473683	Up
D	chr19	<i>SHANK1</i>	0.053893288	-4.213750571	2.43E-07	4.90E-05	Down
D	chr22	<i>MICALL1</i>	0.32675375	-1.613724302	0.000991957	0.019088587	Down
D	chr19	<i>DYRK1B</i>	0.258586268	-1.951282431	6.51E-06	0.000581577	Down
D	chr17	<i>SLC9A3R1</i>	0.453570939	-1.140599886	0.000404366	0.010805736	Down
D	chr5	<i>GRIA1</i>	0.069139908	-3.854337511	0.000483731	0.012067375	Down
D	chr17	<i>UTP18</i>	2.553763771	1.352625079	7.57E-05	0.003478124	Up
D	chr4	<i>MFSD10</i>	0.410034474	-1.286182885	0.00184288	0.0279582	Down
D	chr5	<i>TARS</i>	2.158765576	1.110206587	0.000179344	0.006536053	Up
D	chr14	<i>MYH6</i>	0.110370791	-3.179569671	0.004094106	0.047438539	Down
D	chr17	<i>DNAH2</i>	0.040662923	-4.620142262	5.48E-09	2.55E-06	Down
D	chr2	<i>SIX3</i>	0.010530957	-6.569219696	1.33E-06	0.000184706	Down
D	chr19	<i>KDELRL1</i>	0.497258131	-1.007933134	0.000350703	0.009947006	Down
D	chr1	<i>RNU11</i>	0.101763258	-3.296711336	4.85E-33	3.16E-29	Down
D	chr15	<i>NR2F2</i>	0.114630297	-3.12493969	0.00159576	0.025767179	Down
D	chr1	<i>LOC148709</i>	0.182957465	-2.45041981	0.003890089	0.046254261	Down
D	chr4	<i>GRIA2</i>	0.269670366	-1.890731104	2.83E-05	0.001742909	Down
D	chr3	<i>ITGA9</i>	0.403876479	-1.308013966	0.002474237	0.034124065	Down
D	chr19	<i>MKNK2</i>	0.513224439	-0.962338223	0.000189615	0.006767101	Down
D	chr17	<i>RPS6KB1</i>	1.825020344	0.867912546	0.002607508	0.035511641	Up
D	chr15	<i>LOC729739</i>	0.057441582	-4.121760719	0.003640949	0.044066287	Down
D	chr4	<i>RFC1</i>	1.820846587	0.864609375	0.001359129	0.023530934	Up
D	chr4	<i>DDX60</i>	2.492551988	1.317623596	0.00351458	0.043056075	Up

D	chr10	ZSWIM8	0.557856285	-0.842034593	0.003520585	0.043085585	Down
D	chr19	GEMIN7	0.217597488	-2.200266193	0.000470106	0.011840687	Down
D	chr9	ARRDC1	0.511202385	-0.968033527	0.002746046	0.036447268	Down
D	chr15	MESDC1	0.3606678	-1.47125747	0.002522018	0.034706258	Down
D	chr11	GVINP1	2.001696808	1.00122347	3.18E-05	0.001860143	Up
D	chr3	ITGB5	0.478512381	-1.063371841	0.001362758	0.023549538	Down
D	chr16	PAR6A	0.327082139	-1.612275116	0.000559079	0.013286528	Down
D	chr12	LARP4	2.069123743	1.049019927	8.25E-05	0.003761327	Up
D	chr12	GLI1	0.135062324	-2.88830281	0.003588035	0.04369813	Down
D	chr3	TOP2B	2.051717048	1.036831783	1.75E-05	0.001233113	Up
D	chr15	VPS13C	1.930507928	0.948980479	0.000427372	0.011166763	Up
D	chr3	TMF1	1.832002062	0.873421128	0.003944219	0.046486207	Up
D	chr10	KCNMA1	0.039252116	-4.671085761	0.000113889	0.004717156	Down
D	chr1	MTF2	1.677777712	0.746551587	0.002289004	0.032391146	Up
D	chr17	GLOD4	2.295480265	1.198796029	0.001379932	0.023689433	Up
D	chr10	SEMA4G	0.138115927	-2.856048398	1.68E-05	0.001196013	Down
D	chr14	SNORA28	0.087150399	-3.520348922	1.59E-24	4.15E-21	Down
D	chr2	KIAA1841	2.380514423	1.25127337	0.000175933	0.006458144	Up
D	chr21	ITSN1	0.519110334	-0.945886887	0.00210546	0.030761404	Down
D	chr19	TYK2	0.400389103	-1.320525386	6.84E-05	0.003256223	Down
D	chr19	TMEM145	0.043895255	-4.509791187	2.47E-05	0.001561681	Down
D	chr3	OPA1	1.818900302	0.863066468	0.001965495	0.029374358	Up
D	chr2	CPSF3	2.038685464	1.027639208	0.000154734	0.00583473	Up
D	chr4	NAA15	1.881011476	0.911508651	0.000207615	0.007109575	Up
D	chr18	SMCHD1	1.785046517	0.835961671	0.000819944	0.016709663	Up
D	chr17	MIR3064	0.493434238	-1.019070272	0.003187204	0.040255032	Down
D	chr9	SNORA65	0.312488619	-1.67812445	1.22E-05	0.000925485	Down
D	chr8	SYBU	0.129914337	-2.944367445	0.003922775	0.046395625	Down
D	chr10	SKIDA1	0.103709862	-3.26937501	1.17E-06	0.000165303	Down
D	chr17	MLLT6	0.451672018	-1.146652556	0.000107557	0.004556176	Down
D	chr7	LHFPL3-AS2	0.298286343	-1.745230169	5.06E-06	0.000496156	Down
D	chr14	HECTD1	1.616536706	0.692906267	0.003916701	0.046395625	Up
D	chr11	PCNXL3	0.332089449	-1.590356207	0.00051625	0.012519552	Down
D	chr2	UGP2	1.982916935	0.987624244	0.000799969	0.016488453	Up
D	chr2	ARL4C	0.504552188	-0.986924593	0.004024246	0.047089089	Down
D	chr22	SH3BP1	0.375208882	-1.414234115	0.000588022	0.013748967	Down
D	chr9	NAIF1	0.26713956	-1.904334459	0.002677671	0.036053222	Down
D	chr6	CUL9	0.282778388	-1.822256231	1.53E-06	0.000199433	Down
D	chr8	RAD54B	3.297557836	1.721397963	0.000300685	0.009102187	Up
D	chr6	ABRA1	2.809461119	1.490293435	0.001006482	0.019282773	Up
D	chr2	7-Mar	2.21728182	1.14879215	0.000309737	0.009229521	Up
D	chr10	VPS26A	1.920954354	0.941823238	0.003439486	0.042334877	Up
D	chr1	RNASEL	5.798407029	2.535656609	0.001281113	0.02246597	Up
D	chr3	SCARNA7	0.344940384	-1.535581051	1.21E-05	0.000919737	Down

D	chr2	<i>SNORA75</i>	0.182957465	-2.45041981	2.08E-05	0.001387281	Down
D	chr1	<i>DNM3</i>	0.206288176	-2.277266961	0.002940066	0.038139954	Down
D	chr20	<i>CHRNA4</i>	0	#NAME?	0.000388842	0.010591264	Down
D	chr15	<i>SCARNA14</i>	0.085740929	-3.543872136	3.91E-07	7.18E-05	Down
D	chr3	<i>TMIE</i>	0.048772506	-4.357788094	0.001192838	0.021493665	Down
D	chr5	<i>OXCT1</i>	2.963521757	1.567312649	2.44E-07	4.90E-05	Up
D	chr1	<i>HIST2H3D</i>	0.359608373	-1.475501482	1.26E-05	0.000940803	Down
D	chrX	<i>TXLNG</i>	1.994261022	0.995854252	0.001451198	0.024388751	Up
D	chr15	<i>BNIP2</i>	2.124032578	1.086805894	0.003004112	0.038768203	Up
D	chr17	<i>ATAD5</i>	3.384638363	1.759001695	4.05E-07	7.30E-05	Up
D	chr2	<i>MPHOSPH10</i>	2.6653049	1.414300581	9.47E-05	0.004133141	Up
D	chr18	<i>RIOK3</i>	2.32275805	1.215838884	2.87E-05	0.00174562	Up
D	chrX	<i>ZNF280C</i>	2.207861467	1.142649653	0.00091061	0.017973878	Up
D	chr3	<i>GATA2</i>	0.400311071	-1.320806581	0.002089565	0.030619785	Down
D	chr18	<i>SMAD7</i>	0.368945937	-1.438518668	4.20E-07	7.30E-05	Down
D	chr8	<i>EGR3</i>	0.130093124	-2.942383381	0.000166948	0.006205624	Down
D	chr15	<i>ZNF710</i>	0.438827457	-1.188274298	7.04E-05	0.003305413	Down
D	chr14	<i>ZFH2</i>	0.216776145	-2.205722087	0.001369364	0.023601179	Down
D	chr9	<i>UBAP2</i>	0.547030764	-0.870306125	0.00352649	0.043085585	Down
D	chr20	<i>SLC35C2</i>	0.533589198	-0.906198633	0.004351109	0.048955976	Down
D	chr7	<i>KIAA0087</i>	0.023402126	-5.417216602	0.001712307	0.026797211	Down
D	chr2	<i>MTIF2</i>	2.831157192	1.501391853	5.96E-05	0.00292258	Up
D	chr11	<i>EIF3M</i>	1.866016919	0.899962067	0.003102471	0.03960033	Up
D	chr3	<i>NMD3</i>	2.275571065	1.186228642	0.000212724	0.007208862	Up
D	chr19	<i>JUNB</i>	0.304491077	-1.715528143	9.66E-08	2.38E-05	Down
D	chr19	<i>JUND</i>	0.298350158	-1.744921556	7.48E-07	0.000114222	Down
D	chr11	<i>HBB</i>	0.498963229	-1.002994595	0.004099504	0.04745894	Down
D	chr10	<i>HNRNPF</i>	1.952352418	0.965213497	0.002071891	0.030475718	Up
D	chr14	<i>JPH4</i>	0.017564109	-5.831225778	0.000231054	0.007574259	Down
D	chr19	<i>CACNA1A</i>	0.300246149	-1.735782354	0.001486301	0.024671455	Down